Incorporating Quality Measures in Tabular Data Protected by Perturbation Methods

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Abstract. Statistical agencies routinely publish analysis reports by using survey data summarized in tabular format. The analysis reports often provide industry specific regional and sub-regional fluctuations in the reported tabular values by comparing them with the data collected in previous survey cycles. Based on the information presented in the tabular data, data users often make their own inferences about the changes in the market conditions for their own immediate geographical areas. To continue to meet these requirements, newly proposed cell perturbation-based tabular data protection methods such as controlled tabular adjustment (Dandekar 2001), and a micro data level noise addition method need to have a strategy in place to ensure that the data users do not confuse cell perturbation error with fluctuations in published cell values attributed to other sources. To achieve this objective, we propose a simple mechanism to continue to safeguard data quality and to provide the most accurate information to data users in the tabular format protected by cell perturbation methods. *Our proposed method with minor modifications could be used to convey the relative standard errors (RSE) associated with tabular format estimates derived from sampled survey data.*

Introduction

Statistical agencies routinely publish analysis reports by using survey data summarized in tabular format. The analysis reports often provide industry specific regional and sub-regional fluctuations in the reported tabular values by comparing them with the data collected in previous survey cycles. The comparative evaluation helps analysts to determine long and short term trends at local, regional and national levels. Similarly, such a comparison allows analysts to observe unusual fluctuations in reported tabular values over time resulting from either the policy changes or due to changes in the market conditions. Statements such as, "*Coal consumption decreased in the electric power sector by 1.0 percent, the coking coal sector by 2.0 percent, and the other industrial sector by 1.4 percent.*" or "*Data show that total generation in the electric power sector (electric utilities and independent power producers) in the United States increased slightly in 2006.*" are routinely used in statistical publications.

Based on the information presented in the tabular data, data users often make their own inferences about the changes in the market conditions for their own immediate geographical areas. To meet such a stringent requirement, newly proposed cell perturbation-based tabular data protection methods such as controlled tabular adjustment (Dandekar 2001), and a micro data level noise addition method need to have a unified strategy in place to ensure that the data users do not confuse cell perturbation error introduced by these methods to protect sensitive tabular cells with fluctuations in published cell values resulting from a variety of other sources, such as sampling and non-sampling errors . A practical mechanism is required to be in place to continue to safeguard data quality and to provide the most accurate information to data users in the tabular format using these methods.

A Practical Solution

To convey the accuracy and the quality of table cell specific information to the external data users, we propose using a table cell imbedded quality indicator for all tabular data protected by the cell perturbation methods. Our proposal advocates:

- To use a very small percentage change in the perturbed cell value (such as 0.01% or even smaller) as a threshold for quality acceptance criteria.
- To publicly disclose the threshold quality acceptance value for perturbed cells in a footnote to all the public use tables protected by cell perturbation methods.
- To suppress the selected number of right most digits from the perturbed tabular cells with perturbation error in excess of the threshold acceptance value. This is to inform data users the extent of error associated with the published perturbed cell value.

We propose the following equation to determine the number of right most digits to suppress:

Right most digits to suppress $=$ Integer Value[$\log_{10}$ (2.0 * Abs {chng}) + 1.0]

It is important to note that attempts by the external data users to estimate the values for the suppressed digits will never result in the disclosure (exact or statistical) of sensitive cell values. At best, the estimate for the suppressed digits will result in external data users recovering the perturbed value for the sensitive cell. As a result, withholding the number of digits for only one cell in a given row or a column should not be considered as a potential disclosure problem arising from this procedure.

An Illustrative Example

Let us assume that the change made to a cell value within a plus or minus 0.5 percent of the true cell value is considered to be as good as the true cell value and therefore is published in its entirety.

Example 1:

Cell Value: 172   Change: -8

Percent Cell Value Change: -8 / 172 * 100   =   -4.65%

Number of cell value digits to suppress = Integer Value [$\log_{10}$ (2.0 * 8) + 1.0] = 2

Adjusted cell value = 172 - 8 = 164.

Published cell value = 1xx.

Example 2:

Cell Value: 3840 Change: -8

Percent Cell Value Change: -8 / 3840 * 100 = -0.21 % …. *Within threshold acceptance level*

Published cell value = Adjusted cell value = 3840 – 8 = 3832

Example Using a Real Life Table Structure

To demonstrate the effectiveness of our proposed "quality preserving" solution, we use the same real life table structure of moderate hierarchical and linked complexity used in the technical paper, "Comparative Evaluation of Four Different Sensitive Tabular Data Protection Methods Using a Real Life Table Structure of Complex Hierarchies and Links", (Dandekar 2007). The table consists of eight two-dimensional cross sections linked in the four-dimensional space. Appendix A shows a layout for one of the eight two-dimensional cross sections. We use the table layout from Appendix A to display the proposed published format output from our procedure. The rows in each of the eight cross sections provide geographical details consisting of hierarchical structure. The table is populated with the non-real synthetic micro data using the same procedure described in that paper. The p percent rule with p=10% is used to identify sensitive cells. To demonstrate the effectiveness of the micro data level noise addition method, the micro data used as a input to create the table is perturbed by an average of 10% and standard deviation of 0.005 by using a normal distribution.

To illustrate our approach, we use *0.01% cell perturbation error* as a threshold for quality acceptance criteria. **Table 1** shows a part of the table from Appendix A belonging to PAD District I. The table is protected by using a LP-based controlled tabular adjustment procedure targeted towards larger tabular cells (Dandekar2001). The first four columns in the table show the published format table cell values after our proposed right most digit suppression logic is applied to the cell values that are adjusted by using the CTA procedure. The last four columns in the table show the required cell specific adjustments from the CTA procedure. As a part of our proposal, the footnote to the table clearly identifies the threshold quality acceptance criteria used in the table. The withheld digits in the cell values are shown by symbol 'x'.

Table 1

```
CTA Based Table 01 [ TARGET LARGE CELLS ]        REGULAR

                           DTW      RACK     BULK     TOTAL    < ---- Adjustments ---->
United States            188xxx*  218xxx*  169xxx*  577xxx* -130.A 113.A -61.A -78.A
PAD District I           646xx*    73xxx*   65xxx*  203xxx*    -8.A  69.A-143.A -82.A
  Subdistrict IA         253xx*   287xxx*   16952    71046     -8.A   8.A   0.    0.
    Connecticut           6258     1494     1700      9452      0.    0.    0.    0.
    Maine                 3936     4719     4429     13084      0.    0.    0.    0.
    Massachusetts          1xx*     38xx*      0      4012     -8.w   8.A   0.    0.
    New Hampshire         7879        0     3188     11067      0.    0.    0.    0.
    Rhode Island          1748     6224     3976     11948      0.    0.    0.    0.
    Vermont               5321    12503     3659     21483      0.    0.    0.    0.
  Subdistrict IB         19417    165xx*    22xxx*   582xx*     0.   48.A -61.A -13.A
    Delaware              6978      24xx*    4272     137xx*     0.   48.A   0.   48.A
    District of Columbia  2253     5070    11338     18661      0.    0.    0.    0.
    Maryland              3311     1836      1xxx*     6xxx*     0.    0.  -60.w -60.A
    New Jersey            6875        0      144      7019      0.    0.    0.    0.
    New York                 0      648       7xx*    13xx*      0.    0.  -39.w -39.A
    Pennsylvania             0     6539      47xx*   113xx*      0.    0.   38.A  38.A
  Subdistrict IC         19894    277xx*    26xxx*    73xxx*     0.   13.A -82.A -69.A
    Florida                  0    10857      18xx*   126xx*      0.    0.  -17.A -17.A
    Georgia               9961        0        0      9961      0.    0.    0.    0.
    North Carolina        2268      72xx*     8xxx*   17xxx*     0.   13.A -65.A -52.A
    South Carolina        1195     5887     7582     14664      0.    0.    0.    0.
    Virginia              3560        0     3625      7185      0.    0.    0.    0.
    West Virginia         2910     3751     4815     11476      0.    0.    0.    0.
```
*Lower Digits Withheld. Table Cell Perturbation Error Exceeds 0.01%

Based on the table content, the user knows that the PAD district total is within a range from 203,001 to 203,999 with an average value of 203,500. The uncertainty range of the PAD district total value can be estimated to be plus or minus 500. / 203,500 * 100 = 0.245%. Large numbers such as 203,xxx are used in practice in the thousands of measurement units and therefore are useful to most users with partial digits suppressed without uncertainty range computations. Similar computations could be performed for other tabular cells with withheld numbers of digits on an as-needed basis. When the table cell values are available in their entirety, users know for sure that the perturbation error is less than 0.01%. Appendix B shows the published table values based on our proposed method when the micro data level noise addition method is used as a statistical disclosure control strategy.

Comparative Assessment – Targeting Smaller vs Larger Cells

The current research related to the CTA method is mostly based on using larger non-sensitive cells to counter balance the adjustments required to protect sensitive tabular cells. However, the practitioners of the CTA method have a wide variety of options available through a selection of an appropriate objective function to select table cells for adjustments. As an option, the CTA procedure could be targeted toward smaller non-sensitive cells to counter balance the adjustments made to protect sensitive table cells. **Table 2** (a part of the table corresponding to PAD District I from Appendix C) shows the outcome from the CTA procedure when a cost function proportional to the cell value is used in the LP-based procedure. By using smaller cells for adjustments allows the larger cells to be published in their entirety, while for the small value cells the number of digits are withheld after these cells are adjusted to protect sensitive cells. This could be a preferred option for many applications.

Table 2

```
CTA Based Table 01 [ TARGET SMALL CELLS ]       REGULAR

                        DTW      RACK      BULK     TOTAL  < ---- Adjustments ---->
United States         188668    218471    170021   577160    0.     0.     0.     0.
PAD District I         64625     72994     65620   203239    0.     0.     0.     0.
  Subdistrict IA       25314     28780     16952    71046    0.     0.     0.     0.
    Connecticut         62xx*     15xx*     1700     9452   -8.A    8.A    0.     0.
    Maine               3936      4719      4429    13084    0.     0.     0.     0.
    Massachusetts        1xx*     38xx*        0     4012    8.w   -8.A    0.     0.
    New Hampshire       7879         0      3188    11067    0.     0.     0.     0.
    Rhode Island        1748      6224      3976    11948    0.     0.     0.     0.
    Vermont             5321     12503      3659    21483    0.     0.     0.     0.
  Subdistrict IB       19417     16493     22335    58245    0.     0.     0.     0.
    Delaware            6978      2xxx*     4xxx*    13650    0.    85.A  -85.A    0.
    District of Columbia 2253     5070     11338    18661    0.     0.     0.     0.
    Maryland            3311      1xxx*     1xxx*     6226    0.   -60.A   60.w    0.
    New Jersey          6875         0      1xx*    70xx*     0.     0.   -14.A  -14.A
    New York               0       6xx*     8xx*    14xx*     0.   -25.A   39.w   14.A
    Pennsylvania           0      6539      4718    11257    0.     0.     0.     0.
  Subdistrict IC       19894     27721     26333    73948    0.     0.     0.     0.
    Florida                0     10857      1847    12704    0.     0.     0.     0.
    Georgia             9961         0         0     9961    0.     0.     0.     0.
    North Carolina      2268      72xx*     84xx*    17958    0.    39.A  -39.A    0.
    South Carolina      1195      5887      7582    14664    0.     0.     0.     0.
    Virginia            3560         0      3625     7185    0.     0.     0.     0.
    West Virginia       2910      37xx*     48xx*    11476    0.   -39.A   39.A    0.
```
*Lower Digits Withheld. Table Cell Perturbation Error Exceeds 0.01%

Comparative Assessment – Threshold Quality Acceptance Value

A variety of threshold values could be used depending on the quality requirements from the data users. Here we demonstrate the outcome when the threshold quality acceptance criterion is lowered to 1.0%. In **Table 3** (a part of the table corresponding to PAD District I from Appendix D), we target larger cells for the adjustments. In **Table 4** (a part of the table corresponding to PAD District I from Appendix F), we target smaller cells for the adjustments. As expected, fewer cells are flagged by using the lower quality acceptance criteria. Appendix E shows the published table values based on our proposed method when the micro data level noise addition method is used as a statistical disclosure control strategy.

Table 3

```
CTA Based Table 01 [ TARGET LARGE CELLS ]      REGULAR

                      DTW      RACK     BULK    TOTAL  < ---- Adjustments ---->
United States       188538   218584   169960   577082  -130.A 113.A -61.A -78.A
PAD District I       64617    73063    65477   203157    -8.A  69.A-143.A -82.A
   Subdistrict IA    25306    28788    16952    71046    -8.A   8.A   0.    0.
      Connecticut     6258     1494     1700     9452     0.    0.    0.    0.
      Maine           3936     4719     4429    13084     0.    0.    0.    0.
      Massachusetts   1xx*     3848        0     4012    -8.w   8.A   0.    0.
      New Hampshire   7879        0     3188    11067     0.    0.    0.    0.
      Rhode Island    1748     6224     3976    11948     0.    0.    0.    0.
      Vermont         5321    12503     3659    21483     0.    0.    0.    0.
   Subdistrict IB    19417    16541    22274    58232     0.   48.A -61.A -13.A
      Delaware        6978    24xx*     4272    13698     0.   48.A   0.   48.A
      District of Columbia 2253  5070  11338    18661     0.    0.    0.    0.
      Maryland        3311     1836    1xxx*     6166     0.    0.  -60.w -60.A
      New Jersey      6875        0      144     7019     0.    0.    0.    0.
      New York           0      648     7xx*    13xx*     0.    0.  -39.w -39.A
      Pennsylvania       0     6539     4756    11295     0.    0.   38.A  38.A
   Subdistrict IC    19894    27734    26251    73879     0.   13.A -82.A -69.A
      Florida            0    10857     1830    12687     0.    0.  -17.A -17.A
      Georgia         9961        0        0     9961     0.    0.    0.    0.
      North Carolina  2268     7239     8399    17906     0.   13.A -65.A -52.A
      South Carolina  1195     5887     7582    14664     0.    0.    0.    0.
      Virginia        3560        0     3625     7185     0.    0.    0.    0.
      West Virginia   2910     3751     4815    11476     0.    0.    0.    0.
```
*Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.0%

Table 4

```
CTA Based Table 01 [ TARGET SMALL CELLS ]      REGULAR

                      DTW      RACK     BULK    TOTAL  < ---- Adjustments ---->
United States       188668   218471   170021   577160     0.    0.    0.    0.
PAD District I       64625    72994    65620   203239     0.    0.    0.    0.
   Subdistrict IA    25314    28780    16952    71046     0.    0.    0.    0.
      Connecticut     6250     1502     1700     9452    -8.A   8.A   0.    0.
      Maine           3936     4719     4429    13084     0.    0.    0.    0.
      Massachusetts   1xx*     3832        0     4012     8.w  -8.A   0.    0.
      New Hampshire   7879        0     3188    11067     0.    0.    0.    0.
      Rhode Island    1748     6224     3976    11948     0.    0.    0.    0.
      Vermont         5321    12503     3659    21483     0.    0.    0.    0.
   Subdistrict IB    19417    16493    22335    58245     0.    0.    0.    0.
      Delaware        6978    2xxx*    4xxx*    13650     0.   85.A -85.A   0.
      District of Columbia 2253  5070  11338    18661     0.    0.    0.    0.
      Maryland        3311    1xxx*    1xxx*     6226     0.  -60.A  60.w   0.
      New Jersey      6875        0     1xx*     7005     0.    0.  -14.A -14.A
      New York           0     6xx*     8xx*     1446     0.  -25.A  39.w  14.A
      Pennsylvania       0     6539     4718    11257     0.    0.    0.    0.
   Subdistrict IC    19894    27721    26333    73948     0.    0.    0.    0.
      Florida            0    10857     1847    12704     0.    0.    0.    0.
      Georgia         9961        0        0     9961     0.    0.    0.    0.
      North Carolina  2268     7265     8425    17958     0.   39.A -39.A   0.
      South Carolina  1195     5887     7582    14664     0.    0.    0.    0.
      Virginia        3560        0     3625     7185     0.    0.    0.    0.
      West Virginia   2910    37xx*     4854    11476     0.  -39.A  39.A   0.
```
*Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.0%

Similarly, in **Table 5** and **Table 6** we use the most stringent quality acceptance criteria possible of 0.0 percent to demonstrate the outcome from the CTA by using the larger cells for adjustments (**Table 5**) and by using the smaller cells for adjustment (**Table 6**). *This quality acceptance criterion could be the desirable criterion to maintain the integrity of tabular data protected by cell perturbation methods.*

Table 5

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CTA Based Table 01 [ TARGET LARGE CELLS ]      REGULAR
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	DTW	RACK	BULK	TOTAL	< ---- Adjustments ---->			
United States	188xxx*	218xxx*	169xxx*	577xxx*	-130.A	113.A	-61.A	-78.A
PAD District I	646xx*	73xxx*	65xxx*	203xxx*	-8.A	69.A	-143.A	-82.A
Subdistrict IA	253xx*	287xx*	16952	71046	-8.A	8.A	0.	0.
Connecticut	6258	1494	1700	9452	0.	0.	0.	0.
Maine	3936	4719	4429	13084	0.	0.	0.	0.
Massachusetts	1xx*	38xx*	0	4012	-8.w	8.A	0.	0.
New Hampshire	7879	0	3188	11067	0.	0.	0.	0.
Rhode Island	1748	6224	3976	11948	0.	0.	0.	0.
Vermont	5321	12503	3659	21483	0.	0.	0.	0.
Subdistrict IB	19417	165xx*	22xxx*	582xx*	0.	48.A	-61.A	-13.A
Delaware	6978	24xx*	4272	137xx*	0.	48.A	0.	48.A
District of Columbia	2253	5070	11338	18661	0.	0.	0.	0.
Maryland	3311	1836	1xxx*	6xxx*	0.	0.	-60.w	-60.A
New Jersey	6875	0	144	7019	0.	0.	0.	0.
New York	0	648	7xx*	13xx*	0.	0.	-39.w	-39.A
Pennsylvania	0	6539	47xx*	113xx*	0.	0.	38.A	38.A
Subdistrict IC	19894	277xx*	26xxx*	73xxx*	0.	13.A	-82.A	-69.A
Florida	0	10857	18xx*	126xx*	0.	0.	-17.A	-17.A
Georgia	9961	0	0	9961	0.	0.	0.	0.
North Carolina	2268	72xx*	8xxx*	17xxx*	0.	13.A	-65.A	-52.A
South Carolina	1195	5887	7582	14664	0.	0.	0.	0.
Virginia	3560	0	3625	7185	0.	0.	0.	0.
West Virginia	2910	3751	4815	11476	0.	0.	0.	0.

*Lower Digits Withheld. Table Cell Perturbation Error Exceeds 0.0%

Table 6

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CTA Based Table 01 [ TARGET SMALL CELLS ]      REGULAR
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	DTW	RACK	BULK	TOTAL	< ---- Adjustments ---->			
United States	188668	218471	170021	577160	0.	0.	0.	0.
PAD District I	64625	72994	65620	203239	0.	0.	0.	0.
Subdistrict IA	25314	28780	16952	71046	0.	0.	0.	0.
Connecticut	62xx*	15xx*	1700	9452	-8.A	8.A	0.	0.
Maine	3936	4719	4429	13084	0.	0.	0.	0.
Massachusetts	1xx*	38xx*	0	4012	8.w	-8.A	0.	0.
New Hampshire	7879	0	3188	11067	0.	0.	0.	0.
Rhode Island	1748	6224	3976	11948	0.	0.	0.	0.
Vermont	5321	12503	3659	21483	0.	0.	0.	0.
Subdistrict IB	19417	16493	22335	58245	0.	0.	0.	0.
Delaware	6978	2xxx*	4xxx*	13650	0.	85.A	-85.A	0.
District of Columbia	2253	5070	11338	18661	0.	0.	0.	0.
Maryland	3311	1xxx*	1xxx*	6226	0.	-60.A	60.w	0.
New Jersey	6875	0	1xx*	70xx*	0.	0.	-14.A	-14.A
New York	0	6xx*	8xx*	14xx*	0.	-25.A	39.w	14.A
Pennsylvania	0	6539	4718	11257	0.	0.	0.	0.
Subdistrict IC	19894	27721	26333	73948	0.	0.	0.	0.
Florida	0	10857	1847	12704	0.	0.	0.	0.
Georgia	9961	0	0	9961	0.	0.	0.	0.
North Carolina	2268	72xx*	84xx*	17958	0.	39.A	-39.A	0.
South Carolina	1195	5887	7582	14664	0.	0.	0.	0.
Virginia	3560	0	3625	7185	0.	0.	0.	0.
West Virginia	2910	37xx*	48xx*	11476	0.	-39.A	39.A	0.

*Lower Digits Withheld. Table Cell Perturbation Error Exceeds 0.0%

Basic Properties of Proposed Practical Solution

The proposed technical solution allows data users to estimate the accuracy and the uncertainty range associated with all tabular cells protected by the perturbation method. The uncertainty range estimated by the external data users is comparable (on the wider side) to the uncertainty range introduced by the cell perturbation method. *Withholding the number of digits for only one sensitive cell in a given row or a column does not cause the statistical disclosure of the perturbed cell.* This is apparent from Table 3. In that table, for the State of Massachusetts the number of digits are withheld for only one cell. The cell is sensitive with a true cell value of 172. However, for the external users the uncertainty range is estimated to be 125.52 (4012 − 1.01 * 3848) to 202.48 (4012 − 0.99 * 3848) with an expected value of 150. Unlike conventional cell suppression methods, estimates are available for all tabular cells. By using the appropriate

cost function among many available cost functions, the CTA outcome could be targeted to maximize the overall quality of the tabular data to meet the requirements of a majority of data users. *The method could be considered as a hybrid of various tabular data protection methods such as conventional cell suppression methods, partial cell suppression, selective rounding, and the interval estimation method.*

Future Work

In this paper we have established a basic framework to convey table cell specific information on the quality and the accuracy of tabular data protected by various perturbation methods. The concept of "threshold quality acceptance value" introduced in this paper is flexible enough to accommodate a wide variety of table structures requiring different quality expectations. The paper, however, does not address combined effects of intentional perturbation errors on other sources of survey errors attributed to sampling and non-sampling activities. To achieve that objective, a "joint threshold quality acceptance value" will required to be developed to combine various components of conventional survey errors with intentional perturbation error.

The "rightmost digit suppression method" from this paper makes indiscriminant use of the multiplier two to provide conservative uncertainty estimates to external data users. The multiplier is introduced to eliminate the possibility of indirect disclosure of sensitive cells by using external pattern auditing procedures. In an attempt to release more digits of information for the perturbed cells, a selective use of the multiplier of two on only sensitive table cells and for small value cells will need to be evaluated carefully to prevent indirect statistical disclosure by automated mathematical procedures.

The complete 72 pages of output from the test example used in this paper is available for all eight two-dimensional cross sections, three scenarios (CTA targeted at large cells, noise method and CTA targeted at small cells) and three threshold values from the URL http://mysite.verizon.net/vze7w8vk/t4344_All_per.pdf

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CTA Based Table 01 [ TARGET LARGE CELLS ]      REGULAR

                           DTW     RACK    BULK    TOTAL  < ---- Adjustments ---->
United States            188xxx* 218xxx* 169xxx* 577xxx* -130.A 113.A -61.A -78.A
PAD District I            646xx*  73xxx*  65xxx* 203xxx*   -8.A  69.A-143.A -82.A
   Subdistrict IA         253xx*  287xx*  16952   71046    -8.A   8.A   0.    0.
      Connecticut          6258    1494    1700    9452     0.    0.    0.    0.
      Maine                3936    4719    4429   13084     0.    0.    0.    0.
      Massachusetts          1xx*   38xx*     0    4012    -8.w   8.A   0.    0.
      New Hampshire        7879       0    3188   11067     0.    0.    0.    0.
      Rhode Island         1748    6224    3976   11948     0.    0.    0.    0.
      Vermont              5321   12503    3659   21483     0.    0.    0.    0.
   Subdistrict IB         19417   165xx*  22xxx* 582xx*    0.   48.A -61.A -13.A
      Delaware             6978    24xx*   4272   137xx*    0.   48.A   0.   48.A
      District of Columbia 2253    5070   11338   18661     0.    0.    0.    0.
      Maryland             3311    1836    1xxx*   6xxx*    0.    0.  -60.w -60.A
      New Jersey           6875       0     144    7019     0.    0.    0.    0.
      New York                0     648    7xx*   13xx*     0.    0.  -39.w -39.A
      Pennsylvania            0    6539    47xx*  113xx*    0.    0.   38.A  38.A
   Subdistrict IC         19894   277xx*  26xxx*  73xxx*    0.   13.A -82.A -69.A
      Florida                 0   10857    18xx*  126xx*    0.    0.  -17.A -17.A
      Georgia              9961       0       0    9961     0.    0.    0.    0.
      North Carolina       2268    72xx*   8xxx*  17xxx*    0.   13.A -65.A -52.A
      South Carolina       1195    5887    7582   14664     0.    0.    0.    0.
      Virginia             3560       0    3625    7185     0.    0.    0.    0.
      West Virginia        2910    3751    4815   11476     0.    0.    0.    0.
PAD District II           76xxx*  62147   54xxx* 193xxx*  -71.A   0.  126.A  55.A
      Illinois             4128       0       0    4128     0.    0.    0.    0.
      Indiana              45xx*      0    38xx*   8459   -14.A   0.   14.A   0.
      Iowa                 1149    4196    4216    9561     0.    0.    0.    0.
      Kansas               11xxx* 10330    2xxx*  24xxx*  -57.A   0.  112.A  55.A
      Kentucky             5826    2787    6523   15136     0.    0.    0.    0.
      Michigan             2022       0    6668    8690     0.    0.    0.    0.
      Minnesota            6400    3694    1332   11426     0.    0.    0.    0.
      Missouri             5915   10385    3934   20234     0.    0.    0.    0.
      Nebraska             2652    7667     942   11261     0.    0.    0.    0.
      North Dakota         4671    8286       0   12957     0.    0.    0.    0.
      Ohio                 7197       0    3477   10674     0.    0.    0.    0.
      Oklahoma             4030    1864    4339   10233     0.    0.    0.    0.
      South Dakota           24   11013    5526   16563     0.    0.    0.    0.
      Tennessee            2242     645    8325   11212     0.    0.    0.    0.
      Wisconsin           13309    1280    3720   18309     0.    0.    0.    0.
PAD District III         15248   237xx*  26417  653xx*     0.  -19.A   0.  -19.A
      Alabama              3504     2xx*   2856   66xx*     0.   25.w   0.   25.A
      Arkansas             1598    5628    6358   13584     0.    0.    0.    0.
      Louisiana               0    3088    4667    7755     0.    0.    0.    0.
      Mississippi           666    8925    2980   12571     0.    0.    0.    0.
      New Mexico           8410    4928    6696   20034     0.    0.    0.    0.
      Texas                1070     8xx*   2860   47xx*     0.  -44.w   0.  -44.A
PAD District IV          13xxx*  23xxx*  84xx*  451xx*   -51.A 132.A -44.A  37.A
      Colorado                0    8772    5637   14409     0.    0.    0.    0.
      Idaho                 925     1xxx*   8xx*   2xxx*    0.   94.w -44.w  50.A
      Montana               xxx*   7358       0    7xxx*  -51.w   0.    0.  -51.A
      Utah                 5676     4xx*      0    61xx*    0.   38.w   0.   38.A
      Wyoming              6446    5660    1952   14058     0.    0.    0.    0.
PAD District V           19060   36xxx*  14709   70xxx*    0.  -69.A   0.  -69.A
      Alaska                  0    7948    4300   12248     0.    0.    0.    0.
      Arizona              2721     828    2189    5738     0.    0.    0.    0.
      California           3792     3xxx*  2251    9xxx*    0.  -69.A   0.  -69.A
      Hawaii               1038    6141     327    7506     0.    0.    0.    0.
      Nevada               2555    3522       0    6077     0.    0.    0.    0.
      Oregon                  0   14325    3040   17365     0.    0.    0.    0.
      Washington           8954       0    2602   11556     0.    0.    0.    0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%
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Noise Based Table 01   REGULAR

	DTW	RACK	BULK	TOTAL	< ----	Adjustments		---->
United States	188684	218xxx*	169xxx*	576xxx*	16.	-357.	-81.	-422.
PAD District I	64xxx*	72xxx*	65xxx*	2032xx*	144.	-219.	53.	-22.
Subdistrict IA	25xxx*	28xxx*	16xxx*	71xxx*	267.	115.	-83.	300.
Connecticut	6xxx*	15xx*	17xx*	9xxx*	161.	26.	35.	222.
Maine	3xxx*	4xxx*	4xxx*	12xxx*	-150.	69.	-64.	-145.
Massachusetts	1xx*	3xxx*	0	4xxx*	9.	65.	0.	74.
New Hampshire	8xxx*	0	3xxx*	11xxx*	159.	0.	-81.	78.
Rhode Island	1xxx*	6xxx*	3xxx*	11xxx*	53.	-143.	-79.	-168.
Vermont	53xx*	12xxx*	3xxx*	21xxx*	34.	98.	106.	238.
Subdistrict IB	19xxx*	16xxx*	22xxx*	582xx*	-123.	-51.	137.	-38.
Delaware	6xxx*	23xx*	42xx*	13xxx*	-133.	-19.	-47.	-200.
District of Columbia	2xxx*	4xxx*	11xxx*	18xxx*	53.	-85.	-86.	-118.
Maryland	3xxx*	18xx*	1xxx*	6xxx*	120.	46.	110.	275.
New Jersey	6xxx*	0	13x*	6xxx*	-163.	0.	-5.	-168.
New York	0	6xx*	8xx*	14xx*	0.	-22.	41.	19.
Pennsylvania	0	65xx*	4xxx*	11xxx*	0.	30.	124.	154.
Subdistrict IC	19894	27xxx*	26332	73xxx*	0.	-283.	-1.	-284.
Florida	0	108xx*	18xx*	12703	0.	-15.	15.	-1.
Georgia	9xxx*	0	0	9xxx*	-93.	0.	0.	-93.
North Carolina	2xxx*	7xxx*	85xx*	17xxx*	-94.	-205.	49.	-250.
South Carolina	11xx*	590x*	7xxx*	14xxx*	-25.	5.	-165.	-186.
Virginia	3xxx*	0	3xxx*	7xxx*	187.	0.	112.	298.
West Virginia	29xx*	3xxx*	48xx*	11xxx*	26.	-68.	-10.	-52.
PAD District II	761xx*	61xxx*	547xx*	192xxx*	-12.	-186.	-22.	-220.
Illinois	3xxx*	0	0	3xxx*	-154.	0.	0.	-154.
Indiana	4xxx*	0	3xxx*	84xx*	-158.	0.	112.	-46.
Iowa	1xxx*	42xx*	4xxx*	9xxx*	-50.	49.	-60.	-62.
Kansas	12xxx*	10xxx*	19xx*	24xxx*	62.	156.	-21.	197.
Kentucky	5xxx*	2xxx*	6xxx*	15xxx*	-106.	-61.	73.	-94.
Michigan	1xxx*	0	6xxx*	8xxx*	-73.	0.	158.	85.
Minnesota	6xxx*	3xxx*	12xx*	1142x*	145.	-110.	-37.	-2.
Missouri	6xxx*	103xx*	39xx*	20xxx*	195.	-46.	-13.	136.
Nebraska	2xxx*	7xxx*	9xx*	11xxx*	80.	-148.	-32.	-100.
North Dakota	46xx*	83xx*	0	129xx*	-30.	18.	0.	-12.
Ohio	7xxx*	0	35xx*	10xxx*	101.	0.	40.	141.
Oklahoma	39xx*	1xxx*	4xxx*	10xxx*	-46.	52.	-82.	-76.
South Dakota	2x*	10xxx*	5xxx*	16xxx*	-1.	-75.	-94.	-170.
Tennessee	2xxx*	6xx*	8xxx*	11xxx*	70.	14.	-157.	-73.
Wisconsin	132xx*	12xx*	3xxx*	183xx*	-47.	-35.	91.	9.
PAD District III	152xx*	23xxx*	26xxx*	654xx*	-30.	233.	-181.	22.
Alabama	3xxx*	2xx*	2xxx*	6xxx*	94.	26.	51.	171.
Arkansas	15xx*	56xx*	6xxx*	135xx*	-11.	43.	-80.	-48.
Louisiana	0	31xx*	4xxx*	7xxx*	0.	21.	-115.	-94.
Mississippi	6xx*	9xxx*	3xxx*	12xxx*	23.	218.	155.	396.
New Mexico	8xxx*	4xxx*	6xxx*	19xxx*	-158.	-121.	-111.	-389.
Texas	11xx*	9xx*	2xxx*	48xx*	22.	46.	-81.	-14.
PAD District IV	13xxx*	23xxx*	8xxx*	451xx*	106.	133.	-228.	11.
Colorado	0	8xxx*	5xxx*	143xx*	0.	116.	-129.	-13.
Idaho	9xx*	xxx*	8xx*	2xxx*	19.	-100.	-49.	-131.
Montana	xxx*	73xx*	0	78xx*	-53.	23.	0.	-30.
Utah	5xxx*	4xx*	0	6xxx*	99.	39.	0.	138.
Wyoming	64xx*	5xxx*	19xx*	141xx*	41.	54.	-49.	46.
PAD District V	18xxx*	36xxx*	15xxx*	70xxx*	-192.	-318.	297.	-213.
Alaska	0	79xx*	4xxx*	12xxx*	0.	-36.	87.	51.
Arizona	2xxx*	7xx*	2xxx*	56xx*	-82.	-29.	67.	-44.
California	3xxx*	3xxx*	2xxx*	98xx*	84.	-97.	61.	48.
Hawaii	xxx*	6xxx*	3xx*	7xxx*	-76.	196.	-11.	108.
Nevada	25xx*	3xxx*	0	60xx*	19.	-56.	0.	-37.
Oregon	0	14xxx*	3xxx*	17xxx*	0.	-297.	64.	-233.
Washington	8xxx*	0	26xx*	11xxx*	-136.	0.	30.	-106.

* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%

CTA Targeted Towards Smaller Tabular Cells – 0.01% Perturbation Error Acceptable

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CTA Based Table 01 [ TARGET SMALL CELLS ]      REGULAR
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	DTW	RACK	BULK	TOTAL	< ----	Adjustments	---->	
United States	188668	218471	170021	577160	0.	0.	0.	0.
PAD District I	64625	72994	65620	203239	0.	0.	0.	0.
Subdistrict IA	25314	28780	16952	71046	0.	0.	0.	0.
Connecticut	62xx*	15xx*	1700	9452	-8.A	8.A	0.	0.
Maine	3936	4719	4429	13084	0.	0.	0.	0.
Massachusetts	1xx*	38xx*	0	4012	8.w	-8.A	0.	0.
New Hampshire	7879	0	3188	11067	0.	0.	0.	0.
Rhode Island	1748	6224	3976	11948	0.	0.	0.	0.
Vermont	5321	12503	3659	21483	0.	0.	0.	0.
Subdistrict IB	19417	16493	22335	58245	0.	0.	0.	0.
Delaware	6978	2xxx*	4xxx*	13650	0.	85.A	-85.A	0.
District of Columbia	2253	5070	11338	18661	0.	0.	0.	0.
Maryland	3311	1xxx*	1xxx*	6226	0.	-60.A	60.w	0.
New Jersey	6875	0	1xx*	70xx*	0.	0.	-14.A	-14.A
New York	0	6xx*	8xx*	14xx*	0.	-25.A	39.w	14.A
Pennsylvania	0	6539	4718	11257	0.	0.	0.	0.
Subdistrict IC	19894	27721	26333	73948	0.	0.	0.	0.
Florida	0	10857	1847	12704	0.	0.	0.	0.
Georgia	9961	0	0	9961	0.	0.	0.	0.
North Carolina	2268	72xx*	84xx*	17958	0.	39.A	-39.A	0.
South Carolina	1195	5887	7582	14664	0.	0.	0.	0.
Virginia	3560	0	3625	7185	0.	0.	0.	0.
West Virginia	2910	37xx*	48xx*	11476	0.	-39.A	39.A	0.
PAD District II	76174	62147	54796	193117	0.	0.	0.	0.
Illinois	4128	0	0	4128	0.	0.	0.	0.
Indiana	45xx*	0	38xx*	8459	-33.A	0.	33.A	0.
Iowa	1149	4196	4216	9561	0.	0.	0.	0.
Kansas	12xxx*	1032x*	1xxx*	24274	115.A	-3.A	-112.A	0.
Kentucky	5xxx*	280x*	6xxx*	15136	-61.A	3.A	58.A	0.
Michigan	2022	0	6668	8690	0.	0.	0.	0.
Minnesota	6400	3694	1332	11426	0.	0.	0.	0.
Missouri	5915	10385	3934	20234	0.	0.	0.	0.
Nebraska	2652	7667	942	11261	0.	0.	0.	0.
North Dakota	4671	8286	0	12957	0.	0.	0.	0.
Ohio	7197	0	3477	10674	0.	0.	0.	0.
Oklahoma	40xx*	1864	43xx*	10233	-21.A	0.	21.A	0.
South Dakota	24	11013	5526	16563	0.	0.	0.	0.
Tennessee	2242	645	8325	11212	0.	0.	0.	0.
Wisconsin	13309	1280	3720	18309	0.	0.	0.	0.
PAD District III	15248	23726	26417	65391	0.	0.	0.	0.
Alabama	35xx*	2xx*	2856	6619	25.A	-25.w	0.	0.
Arkansas	1598	5628	6358	13584	0.	0.	0.	0.
Louisiana	0	3xxx*	4xxx*	7755	0.	65.A	-65.A	0.
Mississippi	666	9xxx*	2xxx*	12571	0.	69.A	-69.A	0.
New Mexico	8410	4928	6696	20034	0.	0.	0.	0.
Texas	10xx*	xxx*	3xxx*	4828	-25.A	-109.w	134.A	0.
PAD District IV	13561	23112	8479	45152	0.	0.	0.	0.
Colorado	0	8772	5637	14409	0.	0.	0.	0.
Idaho	1xxx*	xxx*	8xx*	2xxx*	75.A	-94.w	-44.w	-63.A
Montana	xxx*	7xxx*	0	79xx*	-104.w	132.A	0.	28.A
Utah	57xx*	3xx*	0	60xx*	29.A	-38.w	0.	-9.A
Wyoming	6446	5660	20xx*	141xx*	0.	0.	44.A	44.A
PAD District V	19060	36492	14709	70261	0.	0.	0.	0.
Alaska	0	7948	4300	12248	0.	0.	0.	0.
Arizona	2721	828	2189	5738	0.	0.	0.	0.
California	3792	3728	2251	9771	0.	0.	0.	0.
Hawaii	1038	6141	327	7506	0.	0.	0.	0.
Nevada	2555	3522	0	6077	0.	0.	0.	0.
Oregon	0	14325	3040	17365	0.	0.	0.	0.
Washington	8954	0	2602	11556	0.	0.	0.	0.

* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%

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CTA Based Table 01 [ TARGET LARGE CELLS ]      REGULAR

                      DTW     RACK     BULK    TOTAL   < ---- Adjustments ---->
United States       188538   218584   169960   577082  -130.A 113.A -61.A -78.A
PAD District I       64617    73063    65477   203157    -8.A  69.A-143.A -82.A
  Subdistrict IA     25306    28788    16952    71046    -8.A   8.A   0.    0.
    Connecticut       6258     1494     1700     9452     0.    0.    0.    0.
    Maine             3936     4719     4429    13084     0.    0.    0.    0.
    Massachusetts     1xx*     3848        0     4012    -8.w   8.A   0.    0.
    New Hampshire     7879        0     3188    11067     0.    0.    0.    0.
    Rhode Island      1748     6224     3976    11948     0.    0.    0.    0.
    Vermont           5321    12503     3659    21483     0.    0.    0.    0.
  Subdistrict IB     19417    16541    22274    58232     0.   48.A -61.A -13.A
    Delaware          6978    24xx*     4272    13698     0.   48.A   0.   48.A
    District of Columbia 2253  5070    11338    18661     0.    0.    0.    0.
    Maryland          3311     1836    1xxx*     6166     0.    0.  -60.w -60.A
    New Jersey        6875        0      144     7019     0.    0.    0.    0.
    New York             0      648     7xx*    13xx*     0.    0.  -39.w -39.A
    Pennsylvania         0     6539     4756    11295     0.    0.   38.A  38.A
  Subdistrict IC     19894    27734    26251    73879     0.   13.A -82.A -69.A
    Florida              0    10857     1830    12687     0.    0.  -17.A -17.A
    Georgia           9961        0        0     9961     0.    0.    0.    0.
    North Carolina    2268     7239     8399    17906     0.   13.A -65.A -52.A
    South Carolina    1195     5887     7582    14664     0.    0.    0.    0.
    Virginia          3560        0     3625     7185     0.    0.    0.    0.
    West Virginia     2910     3751     4815    11476     0.    0.    0.    0.
PAD District II      76103    62147    54922   193172   -71.A   0.  126.A  55.A
    Illinois          4128        0        0     4128     0.    0.    0.    0.
    Indiana           4599        0     3860     8459   -14.A   0.   14.A   0.
    Iowa              1149     4196     4216     9561     0.    0.    0.    0.
    Kansas           11939    10330    2xxx*    24329   -57.A   0.  112.A  55.A
    Kentucky          5826     2787     6523    15136     0.    0.    0.    0.
    Michigan          2022        0     6668     8690     0.    0.    0.    0.
    Minnesota         6400     3694     1332    11426     0.    0.    0.    0.
    Missouri          5915    10385     3934    20234     0.    0.    0.    0.
    Nebraska          2652     7667      942    11261     0.    0.    0.    0.
    North Dakota      4671     8286        0    12957     0.    0.    0.    0.
    Ohio              7197        0     3477    10674     0.    0.    0.    0.
    Oklahoma          4030     1864     4339    10233     0.    0.    0.    0.
    South Dakota        24    11013     5526    16563     0.    0.    0.    0.
    Tennessee         2242      645     8325    11212     0.    0.    0.    0.
    Wisconsin        13309     1280     3720    18309     0.    0.    0.    0.
PAD District III     15248    23707    26417    65372     0.  -19.A   0.  -19.A
    Alabama           3504     2xx*     2856     6644     0.   25.w   0.   25.A
    Arkansas          1598     5628     6358    13584     0.    0.    0.    0.
    Louisiana            0     3088     4667     7755     0.    0.    0.    0.
    Mississippi        666     8925     2980    12571     0.    0.    0.    0.
    New Mexico        8410     4928     6696    20034     0.    0.    0.    0.
    Texas             1070     8xx*     2860     4784     0.  -44.w   0.  -44.A
PAD District IV      13510    23244     8435    45189   -51.A 132.A -44.A  37.A
    Colorado             0     8772     5637    14409     0.    0.    0.    0.
    Idaho              925     1xxx*    8xx*    2xxx*     0.   94.w -44.w  50.A
    Montana           xxx*     7358        0     7821   -51.w   0.    0.  -51.A
    Utah              5676     4xx*        0     6096     0.   38.w   0.   38.A
    Wyoming           6446     5660     1952    14058     0.    0.    0.    0.
PAD District V       19060    36423    14709    70192     0.  -69.A   0.  -69.A
    Alaska               0     7948     4300    12248     0.    0.    0.    0.
    Arizona           2721      828     2189     5738     0.    0.    0.    0.
    California        3792     3xxx*    2251     9702     0.  -69.A   0.  -69.A
    Hawaii            1038     6141      327     7506     0.    0.    0.    0.
    Nevada            2555     3522        0     6077     0.    0.    0.    0.
    Oregon               0    14325     3040    17365     0.    0.    0.    0.
    Washington        8954        0     2602    11556     0.    0.    0.    0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%
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Noise Based Table 01      REGULAR


                       DTW     RACK    BULK    TOTAL   < ---- Adjustments ---->
United States        188684  218113  169940  576738    16.  -357.  -81.  -422.
PAD District I        64769   72775   65673  203217   144.  -219.   53.   -22.
  Subdistrict IA      25xxx*  28895   16869   71345   267.   115.  -83.   300.
    Connecticut        6xxx*  15xx*   17xx*   9xxx*   161.    26.   35.   222.
    Maine              3xxx*   4xxx*   4xxx*  12xxx*  -150.    69.  -64.  -145.
    Massachusetts      1xx*    3xxx*      0    4xxx*     9.    65.    0.    74.
    New Hampshire      8xxx*      0     3xxx*  11145   159.     0.  -81.    78.
    Rhode Island       1xxx*   6xxx*   3xxx*  11xxx*    53.  -143.  -79.  -168.
    Vermont            5355   12600    3xxx*  21xxx*    34.    98.  106.   238.
  Subdistrict IB      19293   16442   22471   58207  -123.   -51.  137.   -38.
    Delaware           6xxx*   2380    42xx*  13xxx*  -133.   -19.  -47.  -200.
    District of Columbia 2xxx* 4xxx*  11251   18543    53.   -85.  -86.  -118.
    Maryland           3xxx*  18xx*    1xxx*   6xxx*   120.    46.  110.   275.
    New Jersey         6xxx*      0    13x*    6xxx*  -163.     0.   -5.  -168.
    New York              0    6xx*    8xx*   14xx*     0.   -22.   41.    19.
    Pennsylvania          0    6568    4xxx*  11xxx*     0.    30.  124.   154.
  Subdistrict IC      19894   27xxx*  26332   73664     0.  -283.   -1.  -284.
    Florida               0   10841    1861   12703     0.   -15.   15.    -1.
    Georgia            9868       0       0    9868   -93.     0.    0.   -93.
    North Carolina     2xxx*   7xxx*   8512   17xxx*  -94.  -205.   49.  -250.
    South Carolina     11xx*   5891    7xxx*  14xxx*   -25.     5. -165.  -186.
    Virginia           3xxx*      0    3xxx*   7xxx*   187.     0.  112.   298.
    West Virginia      2936    3xxx*   4804   11424    26.   -68.  -10.   -52.
PAD District II       76161   61960   54774  192896   -12.  -186.  -22.  -220.
    Illinois           3xxx*      0       0    3xxx*  -154.     0.    0.  -154.
    Indiana            4xxx*      0     3xxx*   8412  -158.     0.  112.   -46.
    Iowa               1xxx*   42xx*   4xxx*   9499   -50.    49.  -60.   -62.
    Kansas            12057   10xxx*  19xx*   24470    62.   156.  -21.   197.
    Kentucky           5xxx*   2xxx*   6xxx*  15042  -106.   -61.   73.   -94.
    Michigan           1xxx*      0    6xxx*   8775   -73.     0.  158.    85.
    Minnesota          6xxx*   3xxx*  12xx*   11424   145.  -110.  -37.    -2.
    Missouri           6xxx*  10339    3920   20369   195.   -46.  -13.   136.
    Nebraska           2xxx*   7xxx*   9xx*   11161    80.  -148.  -32.  -100.
    North Dakota       4640    8304       0   12945   -30.    18.    0.   -12.
    Ohio               7xxx*      0    35xx*  10xxx*   101.     0.   40.   141.
    Oklahoma           39xx*   1xxx*   4xxx*  10156   -46.    52.  -82.   -76.
    South Dakota       2x*    10938    5xxx*  16xxx*    -1.   -75.  -94.  -170.
    Tennessee          2xxx*   6xx*    8xxx*  11138    70.    14. -157.   -73.
    Wisconsin         13261   12xx*    3xxx*  18317   -47.   -35.   91.     9.
PAD District III      15217   23959   26235   65413   -30.   233. -181.    22.
    Alabama            3xxx*   2xx*    2xxx*   6xxx*    94.    26.   51.   171.
    Arkansas           1586    5671    6xxx*  13535   -11.    43.  -80.   -48.
    Louisiana             0    3109    4xxx*   7xxx*     0.    21. -115.   -94.
    Mississippi        6xx*    9xxx*   3xxx*  12xxx*    23.   218.  155.   396.
    New Mexico         8xxx*   4xxx*   6xxx*  19xxx*  -158.  -121. -111.  -389.
    Texas              11xx*   9xx*    2xxx*   4814    22.    46.  -81.   -14.
PAD District IV       13667   23244    8xxx*  45163   106.   133. -228.    11.
    Colorado              0    8xxx*   5xxx*  14395     0.   116. -129.   -13.
    Idaho              9xx*    xxx*    8xx*    2xxx*    19.  -100.  -49.  -131.
    Montana            xxx*    7381       0    7842   -53.    23.    0.   -30.
    Utah               5xxx*   4xx*       0    6xxx*    99.    39.    0.   138.
    Wyoming            6487    5714   19xx*   14104    41.    54.  -49.    46.
PAD District V        18xxx*  36173   15xxx*  70047  -192.  -318.  297.  -213.
    Alaska                0    7911    4xxx*  12298     0.   -36.   87.    51.
    Arizona            2xxx*   7xx*    2xxx*   5694   -82.   -29.   67.   -44.
    California         3xxx*   3xxx*   2xxx*   9818    84.   -97.   61.    48.
    Hawaii             xxx*    6xxx*   3xx*    7xxx*   -76.   196.  -11.   108.
    Nevada             2573    3xxx*       0    6039    19.   -56.    0.   -37.
    Oregon                0   14xxx*   3xxx*  17xxx*     0.  -297.   64.  -233.
    Washington         8xxx*      0    26xx*  11449  -136.     0.   30.  -106.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%
```

Appendix F
CTA Targeted Towards Smaller Tabular Cells – 1% Perturbation Error Acceptable

```
CTA Based Table 01 [ TARGET SMALL CELLS ]      REGULAR

                       DTW    RACK    BULK    TOTAL   < ---- Adjustments ---->
United States        188668  218471  170021  577160     0.     0.     0.     0.
PAD District I        64625   72994   65620  203239     0.     0.     0.     0.
  Subdistrict IA      25314   28780   16952   71046     0.     0.     0.     0.
    Connecticut        6250    1502    1700    9452    -8.A    8.A    0.     0.
    Maine              3936    4719    4429   13084     0.     0.     0.     0.
    Massachusetts      1xx*    3832       0    4012     8.w   -8.A    0.     0.
    New Hampshire      7879       0    3188   11067     0.     0.     0.     0.
    Rhode Island       1748    6224    3976   11948     0.     0.     0.     0.
    Vermont            5321   12503    3659   21483     0.     0.     0.     0.
  Subdistrict IB      19417   16493   22335   58245     0.     0.     0.     0.
    Delaware           6978    2xxx*   4xxx*  13650     0.    85.A  -85.A    0.
    District of Columbia 2253  5070   11338   18661     0.     0.     0.     0.
    Maryland           3311    1xxx*   1xxx*   6226     0.   -60.A   60.w    0.
    New Jersey         6875       0    1xx*    7005     0.     0.   -14.A  -14.A
    New York              0    6xx*    8xx*    1446     0.   -25.A   39.w   14.A
    Pennsylvania          0    6539    4718   11257     0.     0.     0.     0.
  Subdistrict IC      19894   27721   26333   73948     0.     0.     0.     0.
    Florida               0   10857    1847   12704     0.     0.     0.     0.
    Georgia            9961       0       0    9961     0.     0.     0.     0.
    North Carolina     2268    7265    8425   17958     0.    39.A  -39.A    0.
    South Carolina     1195    5887    7582   14664     0.     0.     0.     0.
    Virginia           3560       0    3625    7185     0.     0.     0.     0.
    West Virginia      2910   37xx*    4854   11476     0.   -39.A   39.A    0.
PAD District II       76174   62147   54796  193117     0.     0.     0.     0.
    Illinois           4128       0       0    4128     0.     0.     0.     0.
    Indiana            4580       0    3879    8459   -33.A    0.    33.A    0.
    Iowa               1149    4196    4216    9561     0.     0.     0.     0.
    Kansas            12111   10327    1xxx*  24274   115.A   -3.A -112.A    0.
    Kentucky           5xxx*   2790    6581   15136   -61.A    3.A   58.A    0.
    Michigan           2022       0    6668    8690     0.     0.     0.     0.
    Minnesota          6400    3694    1332   11426     0.     0.     0.     0.
    Missouri           5915   10385    3934   20234     0.     0.     0.     0.
    Nebraska           2652    7667     942   11261     0.     0.     0.     0.
    North Dakota       4671    8286       0   12957     0.     0.     0.     0.
    Ohio               7197       0    3477   10674     0.     0.     0.     0.
    Oklahoma           4009    1864    4360   10233   -21.A    0.    21.A    0.
    South Dakota         24   11013    5526   16563     0.     0.     0.     0.
    Tennessee          2242     645    8325   11212     0.     0.     0.     0.
    Wisconsin         13309    1280    3720   18309     0.     0.     0.     0.
PAD District III      15248   23726   26417   65391     0.     0.     0.     0.
    Alabama            3529    2xx*    2856    6619    25.A  -25.w    0.     0.
    Arkansas           1598    5628    6358   13584     0.     0.     0.     0.
    Louisiana             0    3xxx*   4xxx*   7755     0.    65.A  -65.A    0.
    Mississippi         666    8994    2xxx*  12571     0.    69.A  -69.A    0.
    New Mexico         8410    4928    6696   20034     0.     0.     0.     0.
    Texas             10xx*    xxx*    3xxx*   4828   -25.A -109.w  134.A    0.
PAD District IV       13561   23112    8479   45152     0.     0.     0.     0.
    Colorado              0    8772    5637   14409     0.     0.     0.     0.
    Idaho              1xxx*    xxx*    8xx*   2xxx*   75.A  -94.w  -44.w  -63.A
    Montana            xxx*    7xxx*      0    7900  -104.w  132.A    0.    28.A
    Utah               5705    3xx*       0    6049    29.A  -38.w    0.    -9.A
    Wyoming            6446    5660   20xx*   14102     0.     0.    44.A   44.A
PAD District V        19060   36492   14709   70261     0.     0.     0.     0.
    Alaska                0    7948    4300   12248     0.     0.     0.     0.
    Arizona            2721     828    2189    5738     0.     0.     0.     0.
    California         3792    3728    2251    9771     0.     0.     0.     0.
    Hawaii             1038    6141     327    7506     0.     0.     0.     0.
    Nevada             2555    3522       0    6077     0.     0.     0.     0.
    Oregon                0   14325    3040   17365     0.     0.     0.     0.
    Washington         8954       0    2602   11556     0.     0.     0.     0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%
```

Supporting Examples:
Preventing Cell Perturbation Procedures from Becoming Data Falsification Procedures
(Incorporating Quality Measures in Tabular Data Protected by Cell Perturbation Methods)
A Practical Solution

PSD2008

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Supporting Example By Using 1) CTA Targeted at Larger Cells, 2)Noise Addition Method and 3) CTA Targeted at Smaller Cells By Using Three Different Quality Acceptance Threshold Values of 0.01%, 1.0% and 0.0%

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CTA Based Table 01 [ TARGET LARGE CELLS ]        REGULAR

                          DTW      RACK     BULK     TOTAL   < ---- Adjustments ---->
United States          188xxx*  218xxx*  169xxx*  577xxx*  -130.A 113.A -61.A -78.A
PAD District I          646xx*   73xxx*   65xxx*  203xxx*    -8.A  69.A-143.A -82.A
  Subdistrict IA        253xx*   287xx*    16952    71046    -8.A   8.A   0.    0.
    Connecticut          6258     1494     1700     9452     0.    0.    0.    0.
    Maine                3936     4719     4429    13084     0.    0.    0.    0.
    Massachusetts         1xx*    38xx*       0     4012    -8.w   8.A   0.    0.
    New Hampshire        7879        0     3188    11067     0.    0.    0.    0.
    Rhode Island         1748     6224     3976    11948     0.    0.    0.    0.
    Vermont              5321    12503     3659    21483     0.    0.    0.    0.
  Subdistrict IB        19417    165xx*   22xxx*  582xx*     0.   48.A -61.A -13.A
    Delaware             6978     24xx*    4272    137xx*     0.   48.A   0.   48.A
    District of Columbia 2253     5070    11338    18661     0.    0.    0.    0.
    Maryland             3311     1836     1xxx*   6xxx*      0.    0.  -60.w -60.A
    New Jersey           6875        0      144     7019     0.    0.    0.    0.
    New York                0      648      7xx*    13xx*     0.    0.  -39.w -39.A
    Pennsylvania            0     6539     47xx*   113xx*     0.    0.   38.A  38.A
  Subdistrict IC        19894    277xx*   26xxx*   73xxx*     0.   13.A -82.A -69.A
    Florida                 0    10857     18xx*   126xx*     0.    0.  -17.A -17.A
    Georgia              9961        0        0     9961     0.    0.    0.    0.
    North Carolina       2268     72xx*    8xxx*   17xxx*     0.   13.A -65.A -52.A
    South Carolina       1195     5887     7582    14664     0.    0.    0.    0.
    Virginia             3560        0     3625     7185     0.    0.    0.    0.
    West Virginia        2910     3751     4815    11476     0.    0.    0.    0.
PAD District II         76xxx*   62147    54xxx*  193xxx*   -71.A   0.  126.A  55.A
    Illinois             4128        0        0     4128     0.    0.    0.    0.
    Indiana              45xx*       0     38xx*    8459    -14.A   0.   14.A   0.
    Iowa                 1149     4196     4216     9561     0.    0.    0.    0.
    Kansas               11xxx*   10330     2xxx*  24xxx*   -57.A   0.  112.A  55.A
    Kentucky             5826     2787     6523    15136     0.    0.    0.    0.
    Michigan             2022        0     6668     8690     0.    0.    0.    0.
    Minnesota            6400     3694     1332    11426     0.    0.    0.    0.
    Missouri             5915    10385     3934    20234     0.    0.    0.    0.
    Nebraska             2652     7667      942    11261     0.    0.    0.    0.
    North Dakota         4671     8286        0    12957     0.    0.    0.    0.
    Ohio                 7197        0     3477    10674     0.    0.    0.    0.
    Oklahoma             4030     1864     4339    10233     0.    0.    0.    0.
    South Dakota           24    11013     5526    16563     0.    0.    0.    0.
    Tennessee            2242      645     8325    11212     0.    0.    0.    0.
    Wisconsin           13309     1280     3720    18309     0.    0.    0.    0.
PAD District III        15248    237xx*   26417   653xx*     0.  -19.A   0.  -19.A
    Alabama              3504      2xx*    2856    66xx*      0.   25.w   0.   25.A
    Arkansas             1598     5628     6358    13584     0.    0.    0.    0.
    Louisiana               0     3088     4667     7755     0.    0.    0.    0.
    Mississippi           666     8925     2980    12571     0.    0.    0.    0.
    New Mexico           8410     4928     6696    20034     0.    0.    0.    0.
    Texas                1070      8xx*    2860    47xx*      0.  -44.w   0.  -44.A
PAD District IV         13xxx*   23xxx*    84xx*  451xx*   -51.A 132.A -44.A  37.A
    Colorado                0     8772     5637    14409     0.    0.    0.    0.
    Idaho                 925     1xxx*    8xx*     2xxx*     0.   94.w -44.w  50.A
    Montana              xxx*     7358        0    7xxx*    -51.w   0.    0.  -51.A
    Utah                 5676      4xx*       0    61xx*      0.   38.w   0.   38.A
    Wyoming              6446     5660     1952    14058     0.    0.    0.    0.
PAD District V          19060    36xxx*   14709   70xxx*     0.  -69.A   0.  -69.A
    Alaska                  0     7948     4300    12248     0.    0.    0.    0.
    Arizona              2721      828     2189     5738     0.    0.    0.    0.
    California           3792     3xxx*    2251    9xxx*      0.  -69.A   0.  -69.A
    Hawaii               1038     6141      327     7506     0.    0.    0.    0.
    Nevada               2555     3522        0     6077     0.    0.    0.    0.
    Oregon                  0    14325     3040    17365     0.    0.    0.    0.
    Washington           8954        0     2602    11556     0.    0.    0.    0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%
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CTA Based Table 01 [ TARGET LARGE CELLS ]      MID-GRADE
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	DTW	RACK	BULK	TOTAL	< ---- Adjustments ---->			
United States	2340xx*	1704xx*	210xxx*	614xxx*	-49.A	23.A	121.A	95.A
PAD District I	689xx*	600xx*	45xxx*	1747xx*	-49.A	-28.A	100.A	23.A
Subdistrict IA	22xxx*	196xx*	17765	60xxx*	-84.A	17.A	0.	-67.A
Connecticut	3672	10737	1551	15960	0.	0.	0.	0.
Maine	9886	2113	7014	19013	0.	0.	0.	0.
Massachusetts	1xxx*	34xx*	0	5xxx*	-84.w	17.A	0.	-67.A
New Hampshire	1456	1743	8119	11318	0.	0.	0.	0.
Rhode Island	5604	755	0	6359	0.	0.	0.	0.
Vermont	710	895	1081	2686	0.	0.	0.	0.
Subdistrict IB	33509	145xx*	126xx*	606xx*	0.	-32.A	18.A	-14.A
Delaware	1386	0	3617	5003	0.	0.	0.	0.
District of Columbia	7460	4758	0	12218	0.	0.	0.	0.
Maryland	0	3902	44xx*	83xx*	0.	0.	18.A	18.A
New Jersey	4795	375	440	5610	0.	0.	0.	0.
New York	6434	20xx*	705	91xx*	0.	-32.p	0.	-32.A
Pennsylvania	13434	3480	3451	20365	0.	0.	0.	0.
Subdistrict IC	125xx*	258xx*	15xxx*	53xxx*	35.A	-13.A	82.A	104.A
Florida	3200	5264	1xxx*	9xxx*	0.	0.	82.w	82.A
Georgia	0	2122	2661	4783	0.	0.	0.	0.
North Carolina	7xx*	2xx*	0	10xx*	35.w	-13.w	0.	22.A
South Carolina	345	14094	0	14439	0.	0.	0.	0.
Virginia	4853	1724	8333	14910	0.	0.	0.	0.
West Virginia	3359	2376	3312	9047	0.	0.	0.	0.
PAD District II	74914	67xxx*	786xx*	221xxx*	1.A	101.A	-30.A	72.A
Illinois	3xx*	141xx*	3750	18241	15.w	-14.A	0.	1.A
Indiana	xxx*	14060	1905	16xxx*	-83.w	0.	0.	-83.A
Iowa	3319	4704	12645	20668	0.	0.	0.	0.
Kansas	1xxx*	7794	5xx*	98xx*	69.w	0.	-30.w	39.A
Kentucky	3364	xxx*	7962	12xxx*	0.	61.w	0.	61.A
Michigan	9941	1xxx*	0	11xxx*	0.	54.w	0.	54.A
Minnesota	6756	3833	22520	33109	0.	0.	0.	0.
Missouri	5075	1769	3330	10174	0.	0.	0.	0.
Nebraska	16463	1526	4481	22470	0.	0.	0.	0.
North Dakota	5772	5558	8154	19484	0.	0.	0.	0.
Ohio	10728	6112	5048	21888	0.	0.	0.	0.
Oklahoma	1480	3090	3276	7846	0.	0.	0.	0.
South Dakota	0	1153	4227	5380	0.	0.	0.	0.
Tennessee	0	1448	543	1991	0.	0.	0.	0.
Wisconsin	9470	819	212	10501	0.	0.	0.	0.
PAD District III	33192	13706	359xx*	828xx*	0.	0.	18.A	18.A
Alabama	9144	75	9977	19196	0.	0.	0.	0.
Arkansas	0	0	1448	1448	0.	0.	0.	0.
Louisiana	5772	3596	9xxx*	19xxx*	0.	0.	57.A	57.A
Mississippi	5261	6399	2330	13990	0.	0.	0.	0.
New Mexico	8475	3636	10033	22144	0.	0.	0.	0.
Texas	4540	0	22xx*	68xx*	0.	0.	-39.A	-39.A
PAD District IV	26384	13xxx*	338xx*	73995	0.	-50.A	44.A	-6.A
Colorado	9457	4440	8352	22249	0.	0.	0.	0.
Idaho	6351	9xxx*	89xx*	245xx*	0.	-50.A	44.A	-6.A
Montana	6344	0	11850	18194	0.	0.	0.	0.
Utah	4232	0	4776	9008	0.	0.	0.	0.
Wyoming	0	0	0	0	0.	0.	0.	0.
PAD District V	30603	15112	158xx*	615xx*	-1.A	0.	-11.A	-12.A
Alaska	6939	0	3871	10810	0.	0.	0.	0.
Arizona	583	0	363	946	0.	0.	0.	0.
California	5734	3083	6579	15396	0.	0.	0.	0.
Hawaii	913x*	147	2664	1194x*	2.A	0.	0.	2.A
Nevada	5xx*	2606	20xx*	5201	-29.w	0.	29.A	0.
Oregon	46xx*	6009	0	106xx*	26.A	0.	0.	26.A
Washington	3058	3267	3xx*	66xx*	0.	0.	-40.w	-40.A

* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%

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CTA Based Table 01 [ TARGET LARGE CELLS ]        PREMIUM

                          DTW    RACK    BULK    TOTAL   < ---- Adjustments ---->
United States          169xxx* 166xxx* 193xxx*  529437   147.A-236.A  72.A -17.A
PAD District I          699xx*  541xx*  57xxx*  182xxx*   49.A -16.A  81.A 114.A
   Subdistrict IA       28xxx*  16615   24200   69xxx*    84.A   0.    0.   84.A
      Connecticut        6821    1550    5602   13973      0.    0.    0.    0.
      Maine              6874       0    4584   11458      0.    0.    0.    0.
      Massachusetts     2xxx*    4280    4116   10xxx*    84.A   0.    0.   84.A
      New Hampshire      7900    5311    2128   15339      0.    0.    0.    0.
      Rhode Island       3065    5474    2588   11127      0.    0.    0.    0.
      Vermont            2064       0    5182    7246      0.    0.    0.    0.
   Subdistrict IB       21910  120xx*  17xxx*   51xxx*     0.  -16.A  81.A  65.A
      Delaware           6632     804    3168   10604      0.    0.    0.    0.
      District of Columbia 4860   1540    4012   10412      0.    0.    0.    0.
      Maryland              0    8xx*   10xx*    1848      0.  -42.w  42.A   0.
      New Jersey         7186     625    3832   11643      0.    0.    0.    0.
      New York           3232    63xx*   47xx*  14xxx*     0.   26.A  39.A  65.A
      Pennsylvania          0    1954     876    2830      0.    0.    0.    0.
   Subdistrict IC      190xx*   25481   15988   605xx*   -35.A   0.    0.  -35.A
      Florida            3520    5429    1xxx*  10xxx*     0.    0.  -65.A -65.A
      Georgia            8613    2355    6603   17571      0.    0.    0.    0.
      North Carolina    10xx*       0    1xxx*   24xx*   -35.A   0.   65.w  30.A
      South Carolina        0   11093       0   11093      0.    0.    0.    0.
      Virginia           2480    4088       0    6568      0.    0.    0.    0.
      West Virginia      3376    2516    6508   12400      0.    0.    0.    0.
PAD District II         48xxx*  45xxx*  63xxx* 158xxx*    97.A-114.A -82.A -99.A
      Illinois           4053    1xxx*  11969   17xxx*     0.  -60.w   0.  -60.A
      Indiana           2xxx*       0       0   2xxx*     97.w   0.    0.   97.w
      Iowa                412    5898    3872   10182      0.    0.    0.    0.
      Kansas             3393       0    1xxx*   4xxx*     0.    0.  -82.w -82.A
      Kentucky              0    2984    4635    7619      0.    0.    0.    0.
      Michigan              0    1xxx*   3830   5xxx*      0.  -54.A   0.  -54.A
      Minnesota          8071    5144    2368   15583      0.    0.    0.    0.
      Missouri           4555      20       0    4575      0.    0.    0.    0.
      Nebraska           6310    5357   12187   23854      0.    0.    0.    0.
      North Dakota          0    8633       0    8633      0.    0.    0.    0.
      Ohio               6693    4371    6707   17771      0.    0.    0.    0.
      Oklahoma          11318    3617    2664   17599      0.    0.    0.    0.
      South Dakota          0     504    6908    7412      0.    0.    0.    0.
      Tennessee             0    2235    4466    6701      0.    0.    0.    0.
      Wisconsin          2077    4014    2373    8464      0.    0.    0.    0.
PAD District III        21321  264xx*  171xx*  649xx*     0.  -25.A  33.A   8.A
      Alabama            2684    46xx*    865   81xx*      0.  -25.A   0.  -25.A
      Arkansas           4400    9815    4856   19071      0.    0.    0.    0.
      Louisiana          1730    5322    1xxx*   8xxx*     0.    0.  -57.w -57.A
      Mississippi        1010     792       0    1802      0.    0.    0.    0.
      New Mexico         5218    4822    8455   18495      0.    0.    0.    0.
      Texas              6279    1092    1xxx*   9xxx*     0.    0.   90.w  90.A
PAD District IV         11355   9xxx*   26290  46xxx*     0. -160.A   0. -160.A
      Colorado           2751    1456    9460   13667      0.    0.    0.    0.
      Idaho                 0    3260       0    3260      0.    0.    0.    0.
      Montana               0    1xxx*  10045   11xxx*     0.  -69.w   0.  -69.A
      Utah               3720    1539    6016   11275      0.    0.    0.    0.
      Wyoming            4884    1xxx*    769   7xxx*      0.  -91.w   0.  -91.A
PAD District V          17715   30xxx*  287xx*  77xxx*     1.A  79.A  40.A 120.A
      Alaska             3x*     6998    5252   12270      1.w   0.    0.    1.A
      Arizona            1120       0      30    1150      0.    0.    0.    0.
      California         3039    xxx*    2412   6xxx*      0.   79.w   0.   79.A
      Hawaii             3736    2046    6026   11808      0.    0.    0.    0.
      Nevada             2337    8188    6314   16839      0.    0.    0.    0.
      Oregon             3038   12519    5168   20725      0.    0.    0.    0.
      Washington         4425      87    35xx*  80xx*      0.    0.   40.A  40.A
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%
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CTA Based Table 01 [ TARGET LARGE CELLS ]      ALL GRADE


                        DTW     RACK     BULK    TOTAL  < ---- Adjustments ---->
United States          591857  555xxx*  573xxx*  1721075   -32.A-100.A 132.A   0.
PAD District I         203523  1873xx*  1691xx*   559964    -8.A  25.A  38.A  55.A
   Subdistrict IA       772xx*  650xx*   58917    201192    -8.A  25.A   0.   17.A
      Connecticut       16751   13781     8853     39385     0.    0.    0.    0.
      Maine             20696    6832    16027     43555     0.    0.    0.    0.
      Massachusetts      40xx*   115xx*   4116      196xx*   -8.A  25.A   0.   17.A
      New Hampshire     17235    7054    13435     37724     0.    0.    0.    0.
      Rhode Island      10417   12453     6564     29434     0.    0.    0.    0.
      Vermont            8095   13398     9922     31415     0.    0.    0.    0.
   Subdistrict IB       74836   43174    526xx*   1706xx*    0.    0.   38.A  38.A
      Delaware          14996    32xx*   11057     293xx*    0.   48.A   0.   48.A
      District of Columbia 14573 11368   15350     41291     0.    0.    0.    0.
      Maryland           3311    65xx*    6465      163xx*    0.  -42.A   0.  -42.A
      New Jersey        18856    1000     4416     24272     0.    0.    0.    0.
      New York           9666    90xx*    6229      249xx*    0.   -6.A   0.   -6.A
      Pennsylvania      13434   11973     90xx*     345xx*    0.    0.   38.A  38.A
   Subdistrict IC       51480   79054    57628    188162     0.    0.    0.    0.
      Florida            6720   21550     4419     32689     0.    0.    0.    0.
      Georgia           18574    4477     9264     32315     0.    0.    0.    0.
      North Carolina     4108    7498     9770     21376     0.    0.    0.    0.
      South Carolina     1540   31074     7582     40196     0.    0.    0.    0.
      Virginia          10893    5812    11958     28663     0.    0.    0.    0.
      West Virginia      9645    8643    14635     32923     0.    0.    0.    0.
PAD District II        1999xx*  175748   197080   572774    27.A -13.A  14.A  28.A
      Illinois           85xx*   15xxx*  15719      39xxx*   15.A -74.A   0.  -59.A
      Indiana            7402   14060     57xx*     272xx*    0.    0.   14.A  14.A
      Iowa               4880   14798    20733     40411     0.    0.    0.    0.
      Kansas             168xx*  18124     4186      391xx*   12.A   0.    0.   12.A
      Kentucky           9190    6xxx*   19120      34xxx*    0.   61.A   0.   61.A
      Michigan          11963    2985    10498     25446     0.    0.    0.    0.
      Minnesota         21227   12671    26220     60118     0.    0.    0.    0.
      Missouri          15545   12174     7264     34983     0.    0.    0.    0.
      Nebraska          25425   14550    17610     57585     0.    0.    0.    0.
      North Dakota      10443   22477     8154     41074     0.    0.    0.    0.
      Ohio              24618   10483    15232     50333     0.    0.    0.    0.
      Oklahoma          16828    8571    10279     35678     0.    0.    0.    0.
      South Dakota         24   12670    16661     29355     0.    0.    0.    0.
      Tennessee          2242    4328    13334     19904     0.    0.    0.    0.
      Wisconsin         24856    6113     6305     37274     0.    0.    0.    0.
PAD District III       69761    639xx*   79xxx*   213155     0.  -44.A  51.A   7.A
      Alabama           15332    5008    13698     34038     0.    0.    0.    0.
      Arkansas           5998   15443    12662     34103     0.    0.    0.    0.
      Louisiana          7502   12006    15614     35122     0.    0.    0.    0.
      Mississippi        6937   16116     5310     28363     0.    0.    0.    0.
      New Mexico        22103   13386    25184     60673     0.    0.    0.    0.
      Texas             11889    19xx*    7xxx*     208xx*    0.  -44.A  51.A   7.A
PAD District IV         51xxx*   46xxx*  68593      166xx*  -51.A -78.A   0. -129.A
      Colorado          12208   14668    23449     50325     0.    0.    0.    0.
      Idaho              7276    136xx*   9736       306xx*   0.   44.A   0.   44.A
      Montana            6xxx*    8xxx*  21895       37xxx*  -51.A -69.A   0. -120.A
      Utah              13628    19xx*   10792       263xx*   0.   38.A   0.   38.A
      Wyoming           11330    7xxx*    2721       21xxx*   0.  -91.A   0.  -91.A
PAD District V         67378    823xx*   593xx*    2090xx*    0.   10.A  29.A  39.A
      Alaska             696x*  14946    13423     35328     1.A   0.    0.    1.A
      Arizona            4424     828     2582      7834      0.    0.    0.    0.
      California        12565    77xx*   11242      315xx*    0.   10.A   0.   10.A
      Hawaii            1390x*    8334     9017     31250     2.A   0.    0.    2.A
      Nevada             54xx*   14316     83xx*    28117    -29.A   0.   29.A   0.
      Oregon             76xx*   32853     8208      487xx*   26.A   0.    0.   26.A
      Washington        16437    3354     6478     26269     0.    0.    0.    0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%
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CTA Based Table 02 [ TARGET LARGE CELLS ]      CONVEN
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	DTW	RACK	BULK	TOTAL	< ---- Adjustments ---->			
United States	233xxx*	200xxx*	1892xx*	622xxx*	-175.A	-286.A	-20.A	-481.A
PAD District I	681xx*	69xxx*	558xx*	194xxx*	-21.A	-107.A	45.A	-83.A
Subdistrict IA	18833	32xxx*	160xx*	673xx*	0.	-77.A	45.A	-32.A
Connecticut	5274	6611	4129	16014	0.	0.	0.	0.
Maine	1672	3008	0	4680	0.	0.	0.	0.
Massachusetts	2010	6548	0	8558	0.	0.	0.	0.
New Hampshire	6069	3xx*	2232	86xx*	0.	-18.w	0.	-18.A
Rhode Island	3808	9xxx*	2815	16xxx*	0.	-59.A	0.	-59.A
Vermont	0	6439	69xx*	133xx*	0.	0.	45.A	45.A
Subdistrict IB	24411	99xx*	20109	544xx*	0.	-26.A	0.	-26.A
Delaware	2184	18xx*	1804	58xx*	0.	-20.A	0.	-20.A
District of Columbia	3892	0	7340	11232	0.	0.	0.	0.
Maryland	0	5738	1941	7679	0.	0.	0.	0.
New Jersey	5261	625	0	5886	0.	0.	0.	0.
New York	3705	xx*	4780	85xx*	0.	-6.w	0.	-6.A
Pennsylvania	9369	1680	4244	15293	0.	0.	0.	0.
Subdistrict IC	249xx*	2765x*	19691	722xx*	-21.A	-4.A	0.	-25.A
Florida	5865	12510	1613	19988	0.	0.	0.	0.
Georgia	104xx*	2xxx*	6223	18xxx*	25.A	-88.A	0.	-63.A
North Carolina	8xx*	xxx*	4633	64xx*	-46.w	84.w	0.	38.A
South Carolina	0	9802	0	9802	0.	0.	0.	0.
Virginia	4216	0	2486	6702	0.	0.	0.	0.
West Virginia	3500	2376	4736	10612	0.	0.	0.	0.
PAD District II	818xx*	631xx*	732xx*	218222	14.A	-29.A	14.A	-1.A
Illinois	72xx*	5456	2975	156xx*	15.A	0.	0.	15.A
Indiana	1xxx*	5561	1xxx*	85xx*	-64.w	0.	84.w	20.A
Iowa	596	5008	10282	15886	0.	0.	0.	0.
Kansas	2756	5844	3xxx*	11xxx*	0.	0.	-68.A	-68.A
Kentucky	0	xxx*	9280	9xxx*	0.	61.w	0.	61.A
Michigan	4351	1xxx*	8260	14xxx*	0.	-90.w	0.	-90.A
Minnesota	11902	2428	17184	31514	0.	0.	0.	0.
Missouri	9693	3750	0	13443	0.	0.	0.	0.
Nebraska	14640	3233	8340	26213	0.	0.	0.	0.
North Dakota	1xxx*	13743	1140	16xxx*	63.w	0.	0.	63.A
Ohio	10999	6112	5141	22252	0.	0.	0.	0.
Oklahoma	3732	4214	3550	11496	0.	0.	0.	0.
South Dakota	0	1153	3x*	119x*	0.	0.	-2.w	-2.A
Tennessee	0	1055	510	1565	0.	0.	0.	0.
Wisconsin	13336	3243	1690	18269	0.	0.	0.	0.
PAD District III	32838	31206	23xxx*	87xxx*	1.A	0.	-66.A	-65.A
Alabama	15332	334	5273	20939	0.	0.	0.	0.
Arkansas	437x*	8042	2881	15292	1.A	0.	0.	1.A
Louisiana	0	4994	5895	10889	0.	0.	0.	0.
Mississippi	2571	11737	1xxx*	15xxx*	0.	0.	-66.w	-66.A
New Mexico	7810	6099	3972	17881	0.	0.	0.	0.
Texas	2756	0	3792	6548	0.	0.	0.	0.
PAD District IV	13xxx*	10xxx*	19060	42xxx*	-51.A	-160.A	0.	-211.A
Colorado	4240	3951	7876	16067	0.	0.	0.	0.
Idaho	5578	3010	0	8588	0.	0.	0.	0.
Montana	xxx*	1xxx*	6680	8xxx*	-51.w	-69.w	0.	-120.A
Utah	1398	0	2552	3950	0.	0.	0.	0.
Wyoming	2043	1xxx*	1952	5xxx*	0.	-91.w	0.	-91.A
PAD District V	36xxx*	258xx*	180xx*	80xxx*	-118.A	10.A	-13.A	-121.A
Alaska	2205	4240	8388	14833	0.	0.	0.	0.
Arizona	1367	0	0	1367	0.	0.	0.	0.
California	4592	1xx*	0	47xx*	0.	10.w	0.	10.A
Hawaii	11231	6288	3482	21001	0.	0.	0.	0.
Nevada	2483	8397	53xx*	162xx*	0.	0.	-13.A	-13.A
Oregon	4xxx*	6788	0	11xxx*	-118.A	0.	0.	-118.A
Washington	10252	0	762	11014	0.	0.	0.	0.

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* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%
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CTA Based Table 02 [ TARGET LARGE CELLS ]        OXYGEN

                        DTW     RACK     BULK    TOTAL   < ---- Adjustments ---->
United States        186xxx*  157xxx*  176xxx*  519xxx*  161.A   72.A  227.A  460.A
PAD District I        627xx*   598xx*   51xxx*  174xxx*   13.A   12.A   86.A  111.A
   Subdistrict IA     361xx*   20xxx*   21xxx*   780xx*   -8.A   96.A  -53.A   35.A
      Connecticut       5530     5886     1644    13060    0.     0.     0.     0.
      Maine            12772     1478     3159    17409    0.     0.     0.     0.
      Massachusetts      1xx*     1xxx*    2xxx*    48xx*   -8.w   78.w  -53.A   17.A
      New Hampshire     6448     44xx*    7408    183xx*    0.    18.A    0.    18.A
      Rhode Island      6609     2354     3749    12712    0.     0.     0.     0.
      Vermont           4648     4948     2104    11700    0.     0.     0.     0.
   Subdistrict IB      16120    12775    125xx*   414xx*    0.     0.    38.A   38.A
      Delaware          5396        0     5313    10709    0.     0.     0.     0.
      District of Columbia 5118   2725      940     8783    0.     0.     0.     0.
      Maryland             0        0      932      932    0.     0.     0.     0.
      New Jersey        3737        0     3832     7569    0.     0.     0.     0.
      New York          1869     2124      744     4737    0.     0.     0.     0.
      Pennsylvania         0     7926      8xx*     87xx*    0.     0.    38.w   38.A
   Subdistrict IC      104xx*    26xxx*   18xxx*   547xx*   21.A  -84.A  101.A   38.A
      Florida            855     3469      959     5283    0.     0.     0.     0.
      Georgia           2965     1472      852     5289    0.     0.     0.     0.
      North Carolina     974      6xxx*    3325    10xxx*    0.   -84.A    0.   -84.A
      South Carolina    1540     8716     2862    13118    0.     0.     0.     0.
      Virginia          3869     3724      1xxx*    8xxx*    0.     0.    51.w   51.A
      West Virginia      2xx*     2310      8xxx*   11xxx*   21.w    0.    50.A   71.A
PAD District II        71xxx*   416xx*   638xx*  176xxx*   90.A   16.A  -43.A   63.A
      Illinois          1257      xxx*     8994    10xxx*    0.   -74.w    0.   -74.A
      Indiana            2xxx*    7304      4xxx*   142xx*   64.A    0.   -70.A   -6.A
      Iowa              2113     4459     5890    12462    0.     0.     0.     0.
      Kansas            2976     5421      xxx*     9xxx*    0.     0.    80.w   80.A
      Kentucky          9190     2142     3821    15153    0.     0.     0.     0.
      Michigan          6538      1xxx*       0     7xxx*    0.    90.A    0.    90.A
      Minnesota         4295     2781     4650    11726    0.     0.     0.     0.
      Missouri          4878     2965     3712    11555    0.     0.     0.     0.
      Nebraska          6235     2974     6418    15627    0.     0.     0.     0.
      North Dakota      2264     3856     3832     9952    0.     0.     0.     0.
      Ohio              9932     1821     8186    19939    0.     0.     0.     0.
      Oklahoma         10858     2493     3276    16627    0.     0.     0.     0.
      South Dakota         0     2040     4950     6990    0.     0.     0.     0.
      Tennessee          5xx*     1448     4233     62xx*   26.w    0.     0.    26.A
      Wisconsin         6948        0      1xxx*    7xxx*    0.     0.   -53.w  -53.A
PAD District III      10582    14268    24xxx*   49xxx*    0.     0.   142.A  142.A
      Alabama              0        0     7556     7556    0.     0.     0.     0.
      Arkansas           928     2520     5697     9145    0.     0.     0.     0.
      Louisiana            0     6205     4003    10208    0.     0.     0.     0.
      Mississippi       2233        0      2xxx*    4xxx*    0.     0.   144.A  144.A
      New Mexico        7421     4451     5082    16954    0.     0.     0.     0.
      Texas                0     1092      3x*     113x*    0.     0.    -2.w   -2.A
PAD District IV       20750    151xx*   17089    529xx*    0.    44.A    0.    44.A
      Colorado             0     7132        0     7132    0.     0.     0.     0.
      Idaho             1698      9xx*     6724     93xx*    0.    44.w    0.    44.A
      Montana            362     5498     6898    12758    0.     0.     0.     0.
      Utah             12230     1539     3467    17236    0.     0.     0.     0.
      Wyoming           6460        0        0     6460    0.     0.     0.     0.
PAD District V        21xxx*    26639   187xx*   66xxx*   58.A    0.    42.A  100.A
      Alaska            4734     2844     3595    11173    0.     0.     0.     0.
      Arizona           2353        0     1433     3786    0.     0.     0.     0.
      California        3836     1863     5099    10798    0.     0.     0.     0.
      Hawaii            2614        0     2544     5158    0.     0.     0.     0.
      Nevada            29xx*     4707      4xx*     81xx*  -29.A    0.    42.w   13.A
      Oregon             1xxx*   17225     3040    22xxx*   87.w    0.     0.    87.A
      Washington        2691        0     2558     5249    0.     0.     0.     0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%
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CTA Based Table 02 [ TARGET LARGE CELLS ]        REFORM

                          DTW     RACK    BULK    TOTAL   < ---- Adjustments ---->
United States           1724xx* 197xxx* 208xxx*  578466  -18.A 114.A -75.A  21.A
PAD District I           72620   57xxx*  61xxx* 1917xx*    0.  120.A -93.A  27.A
  Subdistrict IA         22203  118xx*  217xx*   558xx*    0.    6.A   8.A  14.A
    Connecticut           5947    1284    3080    10311    0.    0.    0.    0.
    Maine                 6252    2346   12868    21466    0.    0.    0.    0.
    Massachusetts         1839    3xxx*   1xxx*    6312    0.  -53.A  53.w   0.
    New Hampshire         4718    2236    3795    10749    0.    0.    0.    0.
    Rhode Island             0    xxx*       0     xxx*    0.   59.w   0.   59.w
    Vermont               3447    2011    9xx*    63xx*    0.    0.  -45.p -45.A
  Subdistrict IB         34305  204xx*   19914   747xx*    0.   26.A   0.   26.A
    Delaware              7416    1xxx*    3940   12xxx*    0.   68.w   0.   68.A
    District of Columbia  5563    8643    7070    21276    0.    0.    0.    0.
    Maryland              3311    8xx*     3592    77xx*    0.  -42.w   0.  -42.A
    New Jersey            9858     375     584    10817    0.    0.    0.    0.
    New York              4092    6848     705    11645    0.    0.    0.    0.
    Pennsylvania          4065    2367    4023    10455    0.    0.    0.    0.
  Subdistrict IC         16112   25xxx*  19xxx*   611xx*    0.   88.A-101.A -13.A
    Florida                  0    5571    1847     7418    0.    0.    0.    0.
    Georgia               51xx*    xxx*    2189    8xxx*  -25.A  88.w   0.   63.A
    North Carolina        22xx*       0    1812    40xx*   46.A   0.    0.   46.A
    South Carolina           0   12556    4720    17276    0.    0.    0.    0.
    Virginia              2808    2088    8xxx*   13xxx*    0.    0.  -51.A -51.A
    West Virginia         59xx*   3957     xxx*   10xxx*  -21.A   0.  -50.w -71.A
PAD District II          47xxx*  70912  600xx*  1780xx*  -77.A   0.   43.A -34.A
    Illinois                 0    9170    3750    12920    0.    0.    0.    0.
    Indiana               3225    1195       0     4420    0.    0.    0.    0.
    Iowa                  2171    5331    4561    12063    0.    0.    0.    0.
    Kansas               110xx*   6859    2xx*    18154   12.A   0.  -12.w   0.
    Kentucky                 0    3629    6019     9648    0.    0.    0.    0.
    Michigan              1074       0    2238     3312    0.    0.    0.    0.
    Minnesota             5030    7462    4386    16878    0.    0.    0.    0.
    Missouri               974    5459    3552     9985    0.    0.    0.    0.
    Nebraska              4550    8343    2852    15745    0.    0.    0.    0.
    North Dakota          6xxx*   4878    3182    14xxx*  -63.A   0.    0.  -63.A
    Ohio                  3687    2550    1905     8142    0.    0.    0.    0.
    Oklahoma              2238    1864    3453     7555    0.    0.    0.    0.
    South Dakota            24    9477   1168x*   21174    0.    0.    2.A   2.A
    Tennessee             16xx*   1825    8591    121xx*  -26.A   0.    0.  -26.A
    Wisconsin             4572    2870    3xxx*   11xxx*    0.    0.   53.A  53.A
PAD District III         26341  184xx*  314xx*   76xxx*   -1.A -44.A -25.A -70.A
    Alabama                  0    4674     869     5543    0.    0.    0.    0.
    Arkansas              70x*    4881    4084    966x*    -1.p   0.    0.   -1.A
    Louisiana             7502     807    5716    14025    0.    0.    0.    0.
    Mississippi           2133    4379    1xxx*    7xxx*    0.    0.  -78.w -78.A
    New Mexico            6872    2836   16130    25838    0.    0.    0.    0.
    Texas                 9133    8xx*    3xxx*   131xx*    0.  -44.w  53.A   9.A
PAD District IV          16777  211xx*   32444   704xx*    0.   38.A   0.   38.A
    Colorado              7968    3585   15573    27126    0.    0.    0.    0.
    Idaho                    0    9651    3012    12663    0.    0.    0.    0.
    Montana               5982    1860    8317    16159    0.    0.    0.    0.
    Utah                     0    4xx*    4773     52xx*    0.   38.w   0.   38.A
    Wyoming               2827    5660     769     9256    0.    0.    0.    0.
PAD District V           9xxx*   29885   22549   62xxx*   60.A   0.    0.   60.A
    Alaska                3x*     7862    1440    933x*    1.w    0.    0.    1.A
    Arizona                704     828    1149     2681    0.    0.    0.    0.
    California            4137    5743    6143    16023    0.    0.    0.    0.
    Hawaii                6x*     2046    2991    510x*    2.w    0.    0.    2.A
    Nevada                   0    1212    2500     3712    0.    0.    0.    0.
    Oregon                1xxx*   8840    5168    15xxx*  57.w    0.    0.   57.A
    Washington            3494    3354    3158    10006    0.    0.    0.    0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%
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CTA Based Table 02 [ TARGET LARGE CELLS ]      ALL FORM

                        DTW     RACK     BULK    TOTAL   < ---- Adjustments ---->
United States          591857  555xxx*  573xxx* 1721075  -32.A-100.A 132.A   0.
PAD District I         203523  1873xx*  1691xx*  559964   -8.A   25.A   38.A  55.A
   Subdistrict IA       772xx*  650xx*   58917   201192   -8.A   25.A    0.   17.A
      Connecticut       16751   13781     8853    39385    0.     0.     0.    0.
      Maine             20696    6832    16027    43555    0.     0.     0.    0.
      Massachusetts      40xx*  115xx*    4116    196xx*  -8.A   25.A    0.   17.A
      New Hampshire     17235    7054    13435    37724    0.     0.     0.    0.
      Rhode Island      10417   12453     6564    29434    0.     0.     0.    0.
      Vermont            8095   13398     9922    31415    0.     0.     0.    0.
   Subdistrict IB       74836   43174    526xx*  1706xx*   0.     0.     38.A  38.A
      Delaware          14996    32xx*   11057    293xx*   0.    48.A    0.   48.A
      District of Columbia 14573 11368   15350    41291    0.     0.     0.    0.
      Maryland           3311    65xx*    6465    163xx*   0.   -42.A    0.  -42.A
      New Jersey        18856    1000     4416    24272    0.     0.     0.    0.
      New York           9666    90xx*    6229    249xx*   0.    -6.A    0.   -6.A
      Pennsylvania      13434   11973     90xx*   345xx*   0.     0.     38.A  38.A
   Subdistrict IC       51480   79054    57628   188162    0.     0.     0.    0.
      Florida            6720   21550     4419    32689    0.     0.     0.    0.
      Georgia           18574    4477     9264    32315    0.     0.     0.    0.
      North Carolina     4108    7498     9770    21376    0.     0.     0.    0.
      South Carolina     1540   31074     7582    40196    0.     0.     0.    0.
      Virginia          10893    5812    11958    28663    0.     0.     0.    0.
      West Virginia      9645    8643    14635    32923    0.     0.     0.    0.
PAD District II        1999xx* 175748   197080   572774   27.A  -13.A   14.A  28.A
      Illinois           85xx*   15xxx*  15719    39xxx*   15.A  -74.A    0.  -59.A
      Indiana            7402   14060     57xx*   272xx*   0.     0.     14.A  14.A
      Iowa               4880   14798    20733    40411    0.     0.     0.    0.
      Kansas            168xx*  18124     4186    391xx*   12.A    0.     0.   12.A
      Kentucky           9190    6xxx*   19120    34xxx*   0.    61.A    0.   61.A
      Michigan          11963    2985    10498    25446    0.     0.     0.    0.
      Minnesota         21227   12671    26220    60118    0.     0.     0.    0.
      Missouri          15545   12174     7264    34983    0.     0.     0.    0.
      Nebraska          25425   14550    17610    57585    0.     0.     0.    0.
      North Dakota      10443   22477     8154    41074    0.     0.     0.    0.
      Ohio              24618   10483    15232    50333    0.     0.     0.    0.
      Oklahoma          16828    8571    10279    35678    0.     0.     0.    0.
      South Dakota         24   12670    16661    29355    0.     0.     0.    0.
      Tennessee          2242    4328    13334    19904    0.     0.     0.    0.
      Wisconsin         24856    6113     6305    37274    0.     0.     0.    0.
PAD District III       69761   639xx*   79xxx*   213155    0.   -44.A   51.A   7.A
      Alabama           15332    5008    13698    34038    0.     0.     0.    0.
      Arkansas           5998   15443    12662    34103    0.     0.     0.    0.
      Louisiana          7502   12006    15614    35122    0.     0.     0.    0.
      Mississippi        6937   16116     5310    28363    0.     0.     0.    0.
      New Mexico        22103   13386    25184    60673    0.     0.     0.    0.
      Texas             11889    19xx*    7xxx*   208xx*   0.   -44.A   51.A   7.A
PAD District IV        51xxx*  46xxx*   68593    166xxx* -51.A  -78.A    0. -129.A
      Colorado          12208   14668    23449    50325    0.     0.     0.    0.
      Idaho              7276   136xx*    9736    306xx*   0.    44.A    0.   44.A
      Montana            6xxx*   8xxx*   21895    37xxx*  -51.A  -69.A    0. -120.A
      Utah              13628    19xx*   10792    263xx*   0.    38.A    0.   38.A
      Wyoming           11330    7xxx*    2721    21xxx*   0.   -91.A    0.  -91.A
PAD District V         67378   823xx*   593xx*   2090xx*   0.    10.A   29.A  39.A
      Alaska            696x*   14946    13423    35328    1.A    0.     0.    1.A
      Arizona            4424     828     2582     7834    0.     0.     0.    0.
      California        12565    77xx*   11242    315xx*   0.    10.A    0.   10.A
      Hawaii            1390x*    8334     9017    31250    2.A    0.     0.    2.A
      Nevada             54xx*  14316     83xx*   28117  -29.A    0.     29.A   0.
      Oregon             76xx*  32853     8208    487xx*   26.A    0.     0.   26.A
      Washington        16437    3354     6478    26269    0.     0.     0.    0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%
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Noise Based Table 01        REGULAR

                          DTW     RACK     BULK     TOTAL   < ---- Adjustments ---->
United States           188684  218xxx*  169xxx*  576xxx*    16.  -357.   -81.  -422.
PAD District I           64xxx*   72xxx*   65xxx*  2032xx*   144.  -219.    53.   -22.
  Subdistrict IA         25xxx*   28xxx*   16xxx*   71xxx*   267.   115.   -83.   300.
    Connecticut           6xxx*   15xx*    17xx*     9xxx*   161.    26.    35.   222.
    Maine                 3xxx*    4xxx*    4xxx*   12xxx*  -150.    69.   -64.  -145.
    Massachusetts         1xx*     3xxx*       0     4xxx*     9.    65.     0.    74.
    New Hampshire         8xxx*       0     3xxx*   11xxx*   159.     0.   -81.    78.
    Rhode Island          1xxx*    6xxx*    3xxx*   11xxx*    53.  -143.   -79.  -168.
    Vermont              53xx*    12xxx*    3xxx*   21xxx*    34.    98.   106.   238.
  Subdistrict IB         19xxx*   16xxx*   22xxx*  582xx*   -123.   -51.   137.   -38.
    Delaware              6xxx*   23xx*    42xx*    13xxx*  -133.   -19.   -47.  -200.
    District of Columbia  2xxx*    4xxx*   11xxx*   18xxx*    53.   -85.   -86.  -118.
    Maryland              3xxx*   18xx*     1xxx*    6xxx*   120.    46.   110.   275.
    New Jersey            6xxx*       0    13x*      6xxx*  -163.     0.    -5.  -168.
    New York                 0    6xx*     8xx*     14xx*     0.   -22.    41.    19.
    Pennsylvania             0   65xx*     4xxx*    11xxx*     0.    30.   124.   154.
  Subdistrict IC         19894    27xxx*   26332    73xxx*     0.  -283.    -1.  -284.
    Florida                  0   108xx*   18xx*     12703      0.   -15.    15.    -1.
    Georgia               9xxx*       0        0     9xxx*   -93.     0.     0.   -93.
    North Carolina        2xxx*    7xxx*   85xx*     17xxx*   -94.  -205.    49.  -250.
    South Carolina       11xx*    590x*     7xxx*   14xxx*   -25.     5.  -165.  -186.
    Virginia              3xxx*       0     3xxx*    7xxx*   187.     0.   112.   298.
    West Virginia        29xx*     3xxx*   48xx*     11xxx*    26.   -68.   -10.   -52.
PAD District II         761xx*   61xxx*  547xx*   192xxx*   -12.  -186.   -22.  -220.
    Illinois              3xxx*       0        0     3xxx*  -154.     0.     0.  -154.
    Indiana               4xxx*       0     3xxx*    84xx*  -158.     0.   112.   -46.
    Iowa                  1xxx*   42xx*     4xxx*     9xxx*   -50.    49.   -60.   -62.
    Kansas               12xxx*   10xxx*   19xx*     24xxx*    62.   156.   -21.   197.
    Kentucky              5xxx*    2xxx*    6xxx*    15xxx*  -106.   -61.    73.   -94.
    Michigan              1xxx*       0     6xxx*    8xxx*   -73.     0.   158.    85.
    Minnesota             6xxx*    3xxx*   12xx*    1142x*   145.  -110.   -37.    -2.
    Missouri              6xxx*  103xx*    39xx*     20xxx*   195.   -46.   -13.   136.
    Nebraska              2xxx*    7xxx*    9xx*     11xxx*    80.  -148.   -32.  -100.
    North Dakota         46xx*    83xx*        0    129xx*   -30.    18.     0.   -12.
    Ohio                  7xxx*       0    35xx*     10xxx*   101.     0.    40.   141.
    Oklahoma             39xx*     1xxx*    4xxx*    10xxx*   -46.    52.   -82.   -76.
    South Dakota          2x*     10xxx*    5xxx*    16xxx*    -1.   -75.   -94.  -170.
    Tennessee             2xxx*    6xx*     8xxx*    11xxx*    70.    14.  -157.   -73.
    Wisconsin           132xx*    12xx*     3xxx*   183xx*   -47.   -35.    91.     9.
PAD District III        152xx*   23xxx*   26xxx*  654xx*   -30.   233.  -181.    22.
    Alabama               3xxx*    2xx*     2xxx*    6xxx*    94.    26.    51.   171.
    Arkansas             15xx*    56xx*     6xxx*   135xx*   -11.    43.   -80.   -48.
    Louisiana                0   31xx*     4xxx*     7xxx*     0.    21.  -115.   -94.
    Mississippi           6xx*     9xxx*    3xxx*    12xxx*    23.   218.   155.   396.
    New Mexico            8xxx*    4xxx*    6xxx*    19xxx*  -158.  -121.  -111.  -389.
    Texas                11xx*     9xx*     2xxx*    48xx*    22.    46.   -81.   -14.
PAD District IV          13xxx*   23xxx*    8xxx*  451xx*   106.   133.  -228.    11.
    Colorado                 0    8xxx*    5xxx*    143xx*     0.   116.  -129.   -13.
    Idaho                 9xx*     xxx*     8xx*      2xxx*    19.  -100.   -49.  -131.
    Montana               xxx*    73xx*        0     78xx*   -53.    23.     0.   -30.
    Utah                  5xxx*    4xx*        0     6xxx*    99.    39.     0.   138.
    Wyoming              64xx*     5xxx*   19xx*    141xx*    41.    54.   -49.    46.
PAD District V           18xxx*   36xxx*   15xxx*   70xxx*  -192.  -318.   297.  -213.
    Alaska                   0   79xx*     4xxx*    12xxx*     0.   -36.    87.    51.
    Arizona               2xxx*    7xx*     2xxx*    56xx*   -82.   -29.    67.   -44.
    California            3xxx*    3xxx*    2xxx*    98xx*    84.   -97.    61.    48.
    Hawaii                xxx*     6xxx*    3xx*      7xxx*   -76.   196.   -11.   108.
    Nevada               25xx*     3xxx*       0     60xx*    19.   -56.     0.   -37.
    Oregon                   0   14xxx*    3xxx*     17xxx*     0.  -297.    64.  -233.
    Washington            8xxx*       0    26xx*     11xxx*  -136.     0.    30.  -106.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%
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Noise Based Table 01        MID-GRADE

                          DTW     RACK    BULK    TOTAL   < ---- Adjustments ---->
United States           23xxxx* 170xxx* 20xxxx* 61xxxx*  1011.  129. -638.  502.
PAD District I          68xxx*  60xxx*  45xxx*  174xxx*  -256.  263. -274. -267.
  Subdistrict IA        229xx*  19648   17xxx*  60xxx*    -32.    0.  -62.  -94.
    Connecticut         3xxx*   10xxx*  15xx*   16xxx*    106.  166.   11.  283.
    Maine               99xx*   2xxx*   6xxx*   18xxx*     23. -111. -153. -241.
    Massachusetts       1xxx*   3xxx*   0       4xxx*     -92.  -70.    0. -163.
    New Hampshire       14xx*   17xx*   8xxx*   113xx*    -38.  -19.   64.    7.
    Rhode Island        55xx*   7xx*    0       6358      -16.   16.    0.    0.
    Vermont             6xx*    9xx*    11xx*   27xx*     -15.   18.   16.   20.
  Subdistrict IB        33xxx*  14xxx*  12xxx*  60xxx*   -346.  138. -218. -426.
    Delaware            14xx*   0       3xxx*   49xx*      49.    0.  -55.   -6.
    District of Columbia 7xxx*  48xx*   0       12xxx*   -125.   39.    0.  -86.
    Maryland            0       3xxx*   4xxx*   83xx*       0.   82.  -63.   19.
    New Jersey          4xxx*   3xx*    4xx*    5xxx*      67.    8.    9.   84.
    New York            6xxx*   2xxx*   7xx*    91xx*    -164.   97.   24.  -43.
    Pennsylvania        13xxx*  3xxx*   3xxx*   19xxx*   -173.  -87. -133. -393.
  Subdistrict IC        12xxx*  25xxx*  153xx*  53xxx*    121.  124.    6.  252.
    Florida             3xxx*   52xx*   1xxx*   9xxx*      65.   22.   66.  153.
    Georgia             0       2xxx*   2xxx*   4xxx*       0.   99.   54.  153.
    North Carolina      6xx*    2xx*    0       9xx*      -38.   14.    0.  -24.
    South Carolina      3xx*    13xxx*  0       14xxx*     12. -122.    0. -110.
    Virginia            48xx*   17xx*   8xxx*   14xxx*    -18.   48. -197. -167.
    West Virginia       3xxx*   2xxx*   3xxx*   9xxx*     101.   63.   84.  248.
PAD District II         75xxx*  67xxx*  786xx*  221xxx*   230. -299.  -45. -114.
    Illinois            2xx*    13xxx*  3xxx*   17xxx*    -16. -184.  -81. -282.
    Indiana             xxx*    13xxx*  19xx*   16xxx*     88.  -77.   49.   61.
    Iowa                3xxx*   4xxx*   12xxx*  20xxx*    129.  204. -213.  120.
    Kansas              1xxx*   77xx*   5xx*    97xx*      70.  -46.  -32.   -9.
    Kentucky            3xxx*   xxx*    8xxx*   12xxx*     84.  -64.   67.   88.
    Michigan            99xx*   1xxx*   0       10xxx*    -16.  -55.    0.  -71.
    Minnesota           6xxx*   38xx*   225xx*  33xxx*    187.    7.  -13.  181.
    Missouri            50xx*   17xx*   33xx*   102xx*     -9.   16.   41.   49.
    Nebraska            164xx*  1xxx*   4xxx*   22xxx*    -50.   53.  131.  134.
    North Dakota        5xxx*   5xxx*   81xx*   19485    -101.   79.   23.    1.
    Ohio                10xxx*  5xxx*   51xx*   21xxx*   -236. -160.   43. -353.
    Oklahoma            14xx*   31xx*   3xxx*   7xxx*     -30.   43.   85.   98.
    South Dakota        0       1xxx*   4xxx*   5xxx*       0. -106. -151. -257.
    Tennessee           0       14xx*   550*    19xx*       0.  -38.    0.  -38.
    Wisconsin           9xxx*   8xx*    2xx*    10xxx*    129.   29.    5.  163.
PAD District III        33xxx*  137xx*  36xxx*  8xxxx*    419.    7.  297.  723.
    Alabama             9xxx*   7x*     10xxx*  19195     -65.   -2.   66.   -1.
    Arkansas            0       0       15xx*   15xx*       0.    0.   43.   43.
    Louisiana           5xxx*   35xx*   9xxx*   19xxx*    111.  -21.   84.  173.
    Mississippi         53xx*   64xx*   2xxx*   14xxx*     42.   38.   93.  172.
    New Mexico          8xxx*   36xx*   10xxx*  22xxx*    238.   -8.   95.  325.
    Texas               4xxx*   0       2xxx*   68xx*      93.    0.  -83.   10.
PAD District IV         26xxx*  13xxx*  33xxx*  74xxx*    321.  176. -132.  366.
    Colorado            9xxx*   4xxx*   8xxx*   22xxx*    193.  118.  145.  456.
    Idaho               63xx*   9xxx*   8xxx*   24xxx*     23.   59. -192. -111.
    Montana             6xxx*   0       11xxx*  182xx*     99.    0.  -57.   42.
    Utah                42xx*   0       47xx*   89xx*       7.    0.  -27.  -20.
    Wyoming             0       0       0       0           0.    0.    0.    0.
PAD District V          30xxx*  150xx*  15xxx*  61xxx*    297.  -19. -483. -205.
    Alaska              69xx*   0       3xxx*   10xxx*     33.    0. -158. -125.
    Arizona             5xx*    0       3xx*    9xx*      -23.    0.  -13.  -36.
    California          5xxx*   3xxx*   6xxx*   15xxx*    161.  100. -165.   96.
    Hawaii              9xxx*   1xx*    2xxx*   11xxx*    -68.   -5.  -92. -166.
    Nevada              5xx*    2xxx*   20xx*   5xxx*     -31.  -52.  -12.  -94.
    Oregon              4xxx*   60xx*   0       10xxx*     99.   -6.    0.   93.
    Washington          3xxx*   3xxx*   3xx*    67xx*     125.  -56.  -43.   26.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%
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Noise Based Table 01        PREMIUM


                          DTW     RACK    BULK    TOTAL   < ---- Adjustments ---->
United States           169xxx* 16xxxx* 19xxxx* 53xxxx*    215.   649.  1207.  2071.
PAD District I            7xxxx* 53xxx*  58xxx* 18xxxx*    576.  -261.   455.   771.
  Subdistrict IA         29xxx*  16xxx*  24xxx*  7xxxx*    338.   -50.   406.   694.
    Connecticut           7xxx*   15xx*   56xx*  14xxx*    216.   -46.    38.   207.
    Maine                 69xx*      0    4xxx*  11xxx*     48.     0.   156.   204.
    Massachusetts         2xxx*   4xxx*   4xxx*  10xxx*     84.   150.   132.   366.
    New Hampshire         78xx*   5xxx*   2xxx*  15xxx*    -21.   -54.   -56.  -130.
    Rhode Island          30xx*   5xxx*   26xx*  10xxx*    -44.  -100.    14.  -130.
    Vermont               2xxx*      0    5xxx*   7xxx*     55.     0.   121.   176.
  Subdistrict IB         22xxx*  12xxx*  17xxx*  51xxx*    141.    54.   128.   323.
    Delaware              6xxx*    8xx*   3xxx*  106xx*     75.    21.   -53.    43.
    District of Columbia  4xxx*   15xx*   39xx*  104xx*     78.   -31.   -20.    26.
    Maryland                 0     8xx*   10xx*   184x*      0.   -43.    41.    -1.
    New Jersey            7xxx*    6xx*   3xxx*  116xx*    -94.    13.    57.   -24.
    New York              3xxx*   6xxx*   4xxx*  14xxx*     82.   114.   132.   328.
    Pennsylvania             0    19xx*    8xx*   27xx*      0.   -20.   -30.   -50.
  Subdistrict IC         19xxx*  25xxx*  15xxx*  60xxx*     97.  -264.   -78.  -245.
    Florida              35xx*    5xxx*   16xx*  105xx*     26.   -69.    48.     5.
    Georgia               8xxx*   23xx*   6xxx*  176xx*    158.   -47.   -69.    42.
    North Carolina        1xxx*      0    1xxx*   24xx*    -60.     0.    69.     9.
    South Carolina           0   10xxx*      0   10xxx*      0.  -112.     0.  -112.
    Virginia              2xxx*   41xx*      0    6xxx*     64.    12.     0.    76.
    West Virginia         3xxx*   24xx*   6xxx*  12xxx*    -91.   -48.  -126.  -266.
PAD District II          4xxxx*  46xxx*  63xxx* 158xxx*   -556.   475.   200.   118.
    Illinois              3xxx*   1xxx*  119xx*  17xxx*    -97.    62.   -48.   -83.
    Indiana               1xxx*      0       0    1xxx*   -102.     0.     0.  -102.
    Iowa                   4xx*   6xxx*   3xxx*  102xx*     11.   115.   -81.    45.
    Kansas               34xx*       0   163x*   50xx*     32.     0.    -1.    31.
    Kentucky                 0    2xxx*   4xxx*   76xx*      0.   -78.    72.    -6.
    Michigan                 0    2xxx*   3xxx*   5xxx*      0.    98.    79.   178.
    Minnesota             7xxx*   51xx*   2xxx*  155xx*   -103.    17.    61.   -25.
    Missouri             45xx*     1x*       0   45xx*     10.    -1.     0.    10.
    Nebraska              6xxx*   5xxx*  12xxx*  24xxx*    -97.   118.   183.   204.
    North Dakota             0    8xxx*      0    8xxx*      0.   279.     0.   279.
    Ohio                  6xxx*   43xx*   6xxx*  17xxx*   -158.   -10.   224.    56.
    Oklahoma             113xx*   3xxx*   2xxx*  17xxx*     18.  -140.   -94.  -216.
    South Dakota             0    5xx*   690x*   74xx*      0.    17.    -3.    15.
    Tennessee                0   223x*   4xxx*   6xxx*      0.    -3.   -94.   -97.
    Wisconsin             2xxx*   4010*   2xxx*   8xxx*    -70.     0.   -99.  -169.
PAD District III         21xxx*  26xxx* 171xx*  65xxx*    215.   256.    12.   483.
    Alabama               2xxx*   4xxx*    9xx*   8xxx*     68.    83.    31.   183.
    Arkansas              4xxx*   9xxx*   48xx*  190xx*     80.  -103.   -20.   -43.
    Louisiana            17xx*    5xxx*   1xxx*   8xxx*     38.   188.   -59.   167.
    Mississippi           1xxx*    8xx*      0    1xxx*     66.    13.     0.    80.
    New Mexico            5xxx*   4xxx*   84xx*  18xxx*     69.   112.   -34.   148.
    Texas                 6xxx*   10xx*   1xxx*   9xxx*   -107.   -37.    93.   -51.
PAD District IV          11xxx*   9xxx*  26xxx*  47xxx*     82.    98.   275.   455.
    Colorado             28xx*    14xx*   9xxx*  13xxx*     41.   -25.    66.    82.
    Idaho                    0    3xxx*      0    3xxx*      0.    90.     0.    90.
    Montana                  0    1xxx*  10xxx*  11xxx*      0.    73.   153.   227.
    Utah                  3xxx*   1xxx*   6xxx*  11xxx*     78.    53.   118.   250.
    Wyoming              48xx*    1xxx*    xxx*   7xxx*    -38.   -93.   -63.  -194.
PAD District V           17xxx*  30xxx*  28xxx*  77xxx*   -101.    81.   264.   244.
    Alaska                 3x*    6xxx*   5xxx*  12xxx*      2.   -69.   -94.  -162.
    Arizona              10xx*       0     2x*   11xx*    -34.     0.    -1.   -35.
    California           30xx*     xxx*   2xxx*   6xxx*     50.   -95.   123.    79.
    Hawaii                3xxx*   20xx*   6xxx*  11xxx*   -142.   -36.    72.  -106.
    Nevada                2xxx*  819x*    63xx*  16xxx*     79.     2.    30.   112.
    Oregon                2xxx*  12xxx*   5xxx*  20xxx*   -142.   276.    93.   227.
    Washington            4xxx*    9x*    35xx*   8xxx*     87.     3.    40.   130.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%
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Noise Based Table 01      ALL GRADE


                         DTW      RACK     BULK     TOTAL   < ---- Adjustments ---->
United States           59xxxx*  556xxx*  573xxx*  172xxxx*  1242.    421.    489.   2152.
PAD District I          204xxx*  187xxx*  169xxx*  560xxx*    464.   -216.    234.    482.
  Subdistrict IA          7xxxx*   65xxx*   59xxx*   20xxxx*   573.     65.    261.    900.
    Connecticut           17xxx*   13xxx*    8xxx*    4xxxx*   483.    146.     84.    713.
    Maine                 20xxx*   67xx*    15xxx*   43xxx*    -79.    -42.    -61.   -182.
    Massachusetts        403x*     11xxx*    4xxx*   19xxx*      1.    144.    132.    278.
    New Hampshire         17xxx*    6xxx*   13xxx*   376xx*     101.    -73.    -72.    -45.
    Rhode Island         104xx*    12xxx*    6xxx*   29xxx*      -7.   -226.    -65.   -298.
    Vermont                8xxx*   13xxx*   10xxx*   31xxx*      75.    116.    243.    434.
  Subdistrict IB         74xxx*    43xxx*  526xx*   170xxx*    -328.    141.     46.   -141.
    Delaware             149xx*    321x*    10xxx*   29xxx*      -9.      2.   -155.   -162.
    District of Columbia 145xx*    11xxx*   15xxx*   41xxx*       6.    -77.   -107.   -178.
    Maryland               3xxx*    6xxx*    6xxx*   16xxx*     120.     85.     88.    293.
    New Jersey            18xxx*    10xx*     4xxx*   24xxx*    -190.     20.     61.   -108.
    New York               9xxx*    9xxx*    6xxx*   25xxx*     -82.    189.    197.    304.
    Pennsylvania          13xxx*    11xxx*   90xx*    34xxx*    -173.    -78.    -38.   -290.
  Subdistrict IC         51xxx*    78xxx*   57xxx*  187xxx*     219.   -423.    -73.   -277.
    Florida                6xxx*    21xxx*    4xxx*   32xxx*      91.    -62.    128.    157.
    Georgia               18xxx*    4xxx*    92xx*    32xxx*      65.     52.    -15.    102.
    North Carolina         3xxx*    7xxx*    9xxx*    21xxx*    -192.   -191.    118.   -265.
    South Carolina        15xx*     30xxx*    7xxx*   39xxx*     -14.   -229.   -165.   -408.
    Virginia              11xxx*    5xxx*    11xxx*   28xxx*     233.     60.    -86.    207.
    West Virginia         96xx*     8xxx*   14xxx*   32xxx*      35.    -53.    -53.    -70.
PAD District II         199xxx*   175750   197xxx*  572xxx*    -339.    -10.    133.   -216.
    Illinois               8xxx*    15xxx*   15xxx*    3xxxx*   -267.   -122.   -129.   -518.
    Indiana                7xxx*    13xxx*    5xxx*   27xxx*    -172.    -77.    161.    -88.
    Iowa                   4xxx*    15xxx*   20xxx*   40xxx*      90.    368.   -354.    104.
    Kansas                16xxx*    18xxx*    4xxx*   39xxx*     163.    110.    -54.    219.
    Kentucky              91xx*     6xxx*    19xxx*   346xx*     -21.   -202.    212.    -12.
    Michigan              11xxx*    30xx*    10xxx*   25xxx*     -89.     43.    237.    192.
    Minnesota             21xxx*    12xxx*  262xx*    60xxx*     230.    -86.     11.    154.
    Missouri              15xxx*   121xx*    73xx*    35xxx*     196.    -30.     28.    195.
    Nebraska              25xxx*   145xx*    17xxx*   57xxx*     -66.     23.    282.    239.
    North Dakota          10xxx*    22xxx*   81xx*    41xxx*    -131.    376.     23.    268.
    Ohio                  24xxx*    10xxx*   15xxx*   50xxx*    -294.   -170.    307.   -156.
    Oklahoma              16xxx*    85xx*    10xxx*   35xxx*     -59.    -46.    -90.   -194.
    South Dakota           2x*      12xxx*   16xxx*   28xxx*      -1.   -164.   -248.   -412.
    Tennessee              2xxx*    43xx*    13xxx*   19xxx*      70.    -27.   -251.   -208.
    Wisconsin            248xx*     61xx*   630x*     37276      12.     -7.     -3.      2.
PAD District III         7xxxx*    64xxx*   79xxx*   21xxxx*    604.    496.    129.   1228.
    Alabama               15xxx*    5xxx*    13xxx*   34xxx*      97.    108.    148.    353.
    Arkansas               6xxx*    15xxx*   12xxx*   340xx*      69.    -60.    -57.    -48.
    Louisiana              7xxx*    12xxx*   15xxx*   35xxx*     149.    187.    -90.    246.
    Mississippi            7xxx*    16xxx*    5xxx*    2xxxx*    131.    269.    248.    648.
    New Mexico            22xxx*   133xx*   251xx*    60xxx*     150.    -17.    -50.     83.
    Texas                119xx*    20xx*     6xxx*    20xxx*       8.      8.    -71.    -54.
PAD District IV          5xxxx*    46xxx*   68xxx*   16xxxx*    509.    407.    -84.    832.
    Colorado              12xxx*    14xxx*   23xxx*    5xxxx*    234.    209.     82.    525.
    Idaho                 73xx*    136xx*     9xxx*   30xxx*      41.     49.   -242.   -152.
    Montana               69xx*     8xxx*    22xxx*   37xxx*      46.     96.     96.    238.
    Utah                  13xxx*    2xxx*    10xxx*   26xxx*     184.     92.     91.    368.
    Wyoming             1134x*      74xx*     2xxx*   21xxx*       4.    -39.   -112.   -147.
PAD District V           67381     82xxx*   59xxx*  208xxx*       4.   -256.     78.   -175.
    Alaska                70xx*     14xxx*   13xxx*   35xxx*      35.   -105.   -166.   -236.
    Arizona                4xxx*    7xx*      2xxx*    7xxx*    -140.    -29.     54.   -115.
    California            12xxx*    7xxx*    112xx*   31xxx*     295.    -91.     19.    223.
    Hawaii                13xxx*    8xxx*    89xx*    31xxx*    -286.    155.    -31.   -163.
    Nevada                 5xxx*    14xxx*   83xx*    280xx*      67.   -106.     19.    -20.
    Oregon                75xx*    328xx*     8xxx*   48xxx*     -44.    -26.    157.     87.
    Washington            16xxx*    3xxx*    65xx*    263xx*      76.    -53.     27.     50.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%
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Noise Based Table 02        CONVEN

                           DTW      RACK     BULK    TOTAL  < ---- Adjustments ---->
United States           23xxxx*  20xxxx*  19xxxx*  62xxxx*  1571.  1107.  1750.  4429.
PAD District I            6xxxx*   70xxx*   5xxxx*  19xxxx*   833.   462.   722.  2017.
  Subdistrict IA          19xxx*   32xxx*   16xxx*   6xxxx*   459.   132.   359.   951.
    Connecticut            5xxx*   66xx*     4xxx*   16xxx*   143.    38.    91.   272.
    Maine                  17xx*   29xx*        0    469x*     42.   -39.     0.     3.
    Massachusetts          1xxx*    6xxx*        0    8xxx*    -70.   134.     0.    64.
    New Hampshire          6xxx*    3xx*     22xx*    8xxx*    183.   -19.    38.   202.
    Rhode Island           3xxx*    9xxx*    28xx*   16xxx*    160.  -100.    37.    97.
    Vermont                    0    6xxx*     7xxx*   13xxx*      0.   120.   193.   313.
  Subdistrict IB          24xxx*   10xxx*   20xxx*   54xxx*   -162.   298.   334.   470.
    Delaware               21xx*    1xxx*     1xxx*    58xx*    -34.    73.   -51.   -12.
    District of Columbia   4xxx*        0    7xxx*   11xxx*    103.     0.    64.   167.
    Maryland                   0    5xxx*     2xxx*    7xxx*      0.   128.   106.   234.
    New Jersey             5xxx*    6xx*         0    5xxx*    -68.    13.     0.   -55.
    New York               3xxx*     xx*     4xxx*    8xxx*    -75.    -7.   148.    66.
    Pennsylvania           9xxx*    1xxx*     4xxx*   15xxx*    -88.    91.    67.    71.
  Subdistrict IC           2xxxx*  276xx*   197xx*    7xxxx*   535.    31.    30.   596.
    Florida                5xxx*   12xxx*     1xxx*   20xxx*    120.    74.    82.   275.
    Georgia               10xxx*    2xxx*     6xxx*   19xxx*    220.    99.  -107.   211.
    North Carolina         8xx*     xxx*     4xxx*    64xx*     -47.   -85.   139.     8.
    South Carolina             0    9xxx*        0    9xxx*      0.  -120.     0.  -120.
    Virginia               4xxx*        0    24xx*    6xxx*    157.     0.   -44.   113.
    West Virginia          3xxx*    2xxx*    46xx*   10xxx*     86.    63.   -41.   109.
PAD District II           82xxx*  632xx*    7xxxx*  21xxxx*   242.    16.   768.  1026.
  Illinois                 6xxx*    5xxx*    29xx*   15xxx*   -246.  -109.   -48.  -404.
  Indiana                  1xxx*   55xx*     1xxx*    85xx*    -67.    11.    89.    33.
  Iowa                      60x*   50xx*    10xxx*   15xxx*      1.    28.   -96.   -67.
  Kansas                   27xx*  583x*     31xx*   117xx*    -36.    -5.    20.   -21.
  Kentucky                     0    xxx*     9xxx*   10xxx*      0.   -64.   205.   141.
  Michigan                436x*    1xxx*     8xxx*   14xxx*      2.   101.   160.   263.
  Minnesota               12xxx*   24xx*    171xx*   31xxx*    179.    36.   -12.   203.
  Missouri                 9xxx*    3xxx*        0   13xxx*    116.    77.     0.   193.
  Nebraska                14xxx*   32xx*     8xxx*   26xxx*    100.    44.   197.   341.
  North Dakota             1xxx*   13xxx*    11xx*   16xxx*     66.   220.    40.   326.
  Ohio                    110xx*    5xxx*     5xxx*   22xxx*     44.  -160.   212.    96.
  Oklahoma                 37xx*   42xx*     3xxx*   114xx*     40.   -13.   -54.   -27.
  South Dakota                 0    1xxx*     3x*     1xxx*      0.  -106.    -2.  -108.
  Tennessee                    0   10xx*     5xx*    16xx*      0.    22.     9.    31.
  Wisconsin               133xx*    3xxx*    17xx*   183xx*     42.   -67.    50.    25.
PAD District III          33xxx*   31xxx*   23xxx*    8xxxx*   359.   256.   388.  1003.
  Alabama                 15xxx*    3xx*     5xxx*   21xxx*     97.    24.    63.   184.
  Arkansas                 4xxx*   80xx*     2xxx*   15xxx*     81.    18.    71.   170.
  Louisiana                    0    5xxx*     5xxx*   11xxx*      0.   166.    59.   226.
  Mississippi             26xx*    11xxx*    1xxx*   15xxx*     47.   147.    68.   262.
  New Mexico               8xxx*    5xxx*     4xxx*   18xxx*    199.  -100.    71.   169.
  Texas                    2xxx*        0    3xxx*    65xx*    -65.     0.    57.    -8.
PAD District IV           13xxx*   10xxx*   19xxx*   43xxx*    164.   -74.    86.   176.
  Colorado                 4xxx*    4xxx*     8xxx*   16xxx*     88.   124.   177.   389.
  Idaho                    5xxx*    2xxx*        0    8xxx*    100.  -178.     0.   -77.
  Montana                  xxx*     1xxx*     6xxx*    85xx*    -53.    73.   -58.   -38.
  Utah                    13xx*         0    25xx*    39xx*    -32.     0.    16.   -16.
  Wyoming                  2xxx*    1xxx*    19xx*     5xxx*     61.   -93.   -49.   -82.
PAD District V           368xx*   26xxx*   17xxx*   80xxx*    -26.   448.  -215.   207.
  Alaska                  21xx*     4xxx*     8xxx*   14xxx*    -47.    85.  -175.  -137.
  Arizona                 13xx*         0        0   13xx*     -48.     0.     0.   -48.
  California               4xxx*     xx*         0    4xxx*    101.   -12.     0.    90.
  Hawaii                  11xxx*    6xxx*    349x*   210xx*   -165.   191.     3.    29.
  Nevada                   2xxx*    8xxx*    53xx*   16xxx*     74.    83.   -16.   140.
  Oregon                   4xxx*    6xxx*        0   11xxx*    106.   101.     0.   207.
  Washington             102xx*         0    7xx*    10xxx*    -47.     0.   -26.   -73.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%
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Noise Based Table 02        OXYGEN
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	DTW	RACK	BULK	TOTAL	< ---- Adjustments ---->			
United States	185xxx*	157xxx*	176xxx*	51xxxx*	-366.	-291.	61.	-597.
PAD District I	62xxx*	60xxx*	51xxx*	174xxx*	-151.	246.	-161.	-67.
Subdistrict IA	36xxx*	21xxx*	2110x*	78xxx*	-143.	327.	-3.	181.
Connecticut	5xxx*	6xxx*	16xx*	13xxx*	202.	141.	29.	372.
Maine	128xx*	14xx*	3xxx*	173xx*	25.	-7.	-67.	-48.
Massachusetts	1xx*	1xxx*	3xxx*	4xxx*	9.	81.	78.	168.
New Hampshire	6xxx*	4xxx*	73xx*	18xxx*	-155.	65.	-30.	-120.
Rhode Island	6xxx*	2xxx*	3xxx*	12xxx*	-167.	-61.	-102.	-331.
Vermont	4xxx*	5xxx*	2xxx*	11xxx*	-58.	107.	89.	139.
Subdistrict IB	161xx*	12xxx*	12xxx*	414xx*	33.	-72.	69.	31.
Delaware	5xxx*	0	52xx*	10xxx*	87.	0.	-22.	65.
District of Columbia	51xx*	26xx*	9xx*	8xxx*	-7.	-47.	-24.	-78.
Maryland	0	0	1xxx*	1xxx*	0.	0.	72.	72.
New Jersey	37xx*	0	3xxx*	7xxx*	20.	0.	57.	77.
New York	1xxx*	2xxx*	7xx*	4xxx*	-67.	98.	25.	56.
Pennsylvania	0	7xxx*	7xx*	8xxx*	0.	-123.	-39.	-162.
Subdistrict IC	103xx*	263xx*	17xxx*	54xxx*	-42.	-9.	-227.	-278.
Florida	8xx*	34xx*	10xx*	53xx*	-29.	13.	31.	16.
Georgia	2xxx*	15xx*	8xx*	530x*	-61.	41.	22.	2.
North Carolina	xxx*	6xxx*	3xxx*	10xxx*	-52.	-107.	-68.	-226.
South Carolina	15xx*	8xxx*	2xxx*	12xxx*	-14.	-68.	-96.	-177.
Virginia	4xxx*	37xx*	xxx*	8xxx*	135.	6.	-53.	88.
West Virginia	1xx*	2xxx*	8xxx*	114xx*	-21.	104.	-63.	20.
PAD District II	70xxx*	41xxx*	63903	17xxxx*	-383.	-333.	0.	-716.
Illinois	12xx*	xxx*	8994	10xxx*	-21.	-75.	1.	-95.
Indiana	2xxx*	7xxx*	4xxx*	14xxx*	-102.	-114.	72.	-144.
Iowa	2xxx*	4xxx*	5xxx*	12xxx*	88.	103.	-92.	99.
Kansas	3xxx*	54xx*	xxx*	92xx*	78.	36.	-87.	27.
Kentucky	91xx*	2xxx*	3xxx*	14xxx*	-21.	-75.	-59.	-155.
Michigan	6xxx*	1xxx*	0	7xxx*	-52.	-57.	0.	-109.
Minnesota	4xxx*	2xxx*	4xxx*	117xx*	-55.	-55.	94.	-17.
Missouri	49xx*	2xxx*	3xxx*	116xx*	29.	-65.	81.	45.
Nebraska	6xxx*	3xxx*	64xx*	15xxx*	-190.	91.	-6.	-104.
North Dakota	2xxx*	3xxx*	3xxx*	99xx*	-57.	114.	-98.	-41.
Ohio	9xxx*	1xxx*	82xx*	19xxx*	-210.	-62.	25.	-247.
Oklahoma	10xxx*	2xxx*	3xxx*	16xxx*	-68.	-84.	85.	-66.
South Dakota	0	1xxx*	5xxx*	70xx*	0.	-54.	103.	49.
Tennessee	5xx*	14xx*	4xxx*	6xxx*	27.	-38.	-63.	-74.
Wisconsin	7xxx*	0	1xxx*	8xxx*	171.	0.	-54.	117.
PAD District III	10xxx*	14xxx*	24xxx*	497xx*	94.	-125.	70.	39.
Alabama	0	0	7xxx*	7xxx*	0.	0.	147.	147.
Arkansas	9xx*	2xxx*	56xx*	9xxx*	24.	-89.	-34.	-100.
Louisiana	0	61xx*	3xxx*	10xxx*	0.	-7.	-156.	-163.
Mississippi	2xxx*	0	2xxx*	4xxx*	92.	0.	99.	191.
New Mexico	73xx*	44xx*	51xx*	1696x*	-22.	9.	17.	4.
Texas	0	10xx*	3x*	10xx*	0.	-37.	-2.	-39.
PAD District IV	207xx*	15xxx*	16xxx*	52xxx*	16.	153.	-104.	65.
Colorado	0	7xxx*	0	7xxx*	0.	78.	0.	78.
Idaho	1xxx*	8xx*	6xxx*	9xxx*	-59.	-48.	-127.	-234.
Montana	3xx*	5xxx*	68xx*	12xxx*	-9.	70.	-10.	52.
Utah	12xxx*	1xxx*	35xx*	17xxx*	216.	53.	32.	302.
Wyoming	6xxx*	0	0	6xxx*	-133.	0.	0.	-133.
PAD District V	21xxx*	26xxx*	18xxx*	66xxx*	58.	-232.	256.	81.
Alaska	4xxx*	2xxx*	3xxx*	111xx*	80.	-145.	72.	7.
Arizona	2xxx*	0	14xx*	3xxx*	-71.	0.	13.	-58.
California	3xxx*	18xx*	5xxx*	11xxx*	132.	-26.	162.	268.
Hawaii	2xxx*	0	2xxx*	51xx*	-119.	0.	70.	-49.
Nevada	29xx*	4xxx*	3xx*	7xxx*	-7.	-140.	-45.	-191.
Oregon	1xxx*	17xxx*	3xxx*	22xxx*	-90.	79.	64.	53.
Washington	2xxx*	0	2xxx*	5xxx*	131.	0.	-80.	51.

* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%

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Noise Based Table 02        REFORM

                      DTW     RACK    BULK    TOTAL  < ---- Adjustments ---->
United States        1725xx* 197xxx* 20xxxx* 57xxxx*     37. -395.-1322.-1681.
PAD District I         72xxx*  5xxxx*  61xxx* 19xxxx*   -217. -924. -327.-1468.
   Subdistrict IA      22xxx* 11xxx*  21xxx*  55xxx*    257. -394.  -95. -232.
      Connecticut       6xxx* 12xx*   30xx*   10xxx*    137.  -33.  -37.   68.
      Maine             6xxx* 236x*  128xx*   21xxx*   -147.    4.    6. -137.
      Massachusetts     1xxx*  3xxx*   1xxx*   63xx*     62.  -70.   54.   46.
      New Hampshire     4xxx*  2xxx*   3xxx*   10xxx*    73. -119.  -80. -126.
      Rhode Island         0   xxx*      0     xxx*      0.  -64.    0.  -64.
      Vermont           3xxx*  1xxx*    9xx*   63xx*    132. -111.  -39.  -17.
   Subdistrict IB      34xxx* 20xxx*  19xxx*  7xxxx*   -200.  -85. -356. -641.
      Delaware          7xxx*  1xxx*   3xxx*   12xxx*   -62.  -72.  -81. -215.
      District of Columbia 5xxx* 86xx* 6xxx*   21xxx*   -90.  -30. -147. -267.
      Maryland          3xxx*   8xx*   3xxx*   77xx*    120.  -43.  -90.  -13.
      New Jersey        9xxx*  3xx*   59x*    10xxx*   -143.    8.    4. -131.
      New York          4xxx*  6xxx*   7xx*   11xxx*     60.   99.   24.  183.
      Pennsylvania      3xxx* 23xx*   3xxx*   10xxx*    -85.  -47.  -66. -198.
   Subdistrict IC      15xxx* 24xxx*  20xxx*  6xxxx*   -275. -445.  125. -595.
      Florida              0   5xxx*  18xx*   7xxx*      0. -149.   15. -134.
      Georgia           5xxx*   xxx*   2xxx*   8xxx*    -93.  -89.   71. -111.
      North Carolina    2xxx*      0  18xx*   39xx*     -93.    0.   47.  -47.
      South Carolina       0 125xx*   4xxx*   17xxx*     0.  -41.  -69. -111.
      Virginia          2xxx*  2xxx*  84xx*   133xx*    -59.   54.   12.    7.
      West Virginia    59xx*   3xxx*   1xxx*   10xxx*   -29. -220.   50. -199.
PAD District II        47xxx* 71xxx*  5xxxx*  17xxxx*  -197.  307. -636. -526.
   Illinois               0   9xxx*   3xxx*  129xx*      0.   61.  -81.  -20.
   Indiana             322x*  12xx*      0    44xx*     -2.   26.    0.   24.
   Iowa                 2170   5xxx*   4xxx*   12xxx*     0.  237. -165.   71.
   Kansas              11xxx*  6xxx*    2xx*   18xxx*    121.   79.   13.  213.
   Kentucky               0   3xxx*   6xxx*  965x*       0.  -64.   66.    2.
   Michigan            10xx*      0    2xxx*   33xx*    -39.    0.   77.   38.
   Minnesota           5xxx*  7xxx*   4xxx*   168xx*    106.  -67.  -71.  -32.
   Missouri            1xxx* 54xx*    3xxx*   99xx*     51.  -42.  -53.  -44.
   Nebraska           45xx*   8xxx*   2xxx*   1575x*     23. -112.   91.    2.
   North Dakota        6xxx* 49xx*    3xxx*  149xx*    -141.   42.   82.  -17.
   Ohio                3xxx*  2xxx*   1xxx*   81xx*    -128.   52.   71.   -6.
   Oklahoma           22xx*   1xxx*   3xxx*   7xxx*     -31.   52. -121. -101.
   South Dakota        2x*  947x*    11xxx*  20xxx*     -1.   -4. -349. -354.
   Tennessee          17xx*  18xx*    8xxx*   11xxx*     43.  -11. -197. -164.
   Wisconsin           4xxx*  2xxx*  356x*    10xxx*   -201.   59.    1. -140.
PAD District III       26xxx* 18xxx*  31xxx*  76xxx*    150.  365. -330.  186.
   Alabama                0   4xxx*   xxx*    55xx*      0.   83.  -62.   22.
   Arkansas            6xx*  49xx*    3xxx*   9xxx*     -36.   11.  -94. -118.
   Louisiana           7xxx*   8xx*  57xx*   14xxx*    149.   28.    7.  184.
   Mississippi        21xx*   4xxx*   1xxx*   8xxx*     -8.  122.   81.  195.
   New Mexico         68xx*   2xxx*  15xxx*  25xxx*    -27.   75. -138.  -89.
   Texas               9xxx*  9xx*    3xxx*  131xx*     72.   46. -125.   -8.
PAD District IV        17xxx* 21xxx*  32xxx*  7xxxx*    329.  328.  -67.  591.
   Colorado            8xxx* 36xx*   15xxx*  27xxx*    146.    7.  -95.   58.
   Idaho                  0   9xxx*   2xxx*   12xxx*     0.  275. -115.  160.
   Montana             6xxx* 18xx*    8xxx*  16xxx*    108.  -47.  163.  224.
   Utah                   0   4xx*   48xx*    5xxx*      0.   39.   43.   82.
   Wyoming             2xxx*  5xxx*   xxx*    9xxx*     75.   54.  -63.   67.
PAD District V         95xx* 29xxx* 225xx*   61xxx*    -28. -472.   37. -463.
   Alaska              3x*   78xx*   1xxx*    9xxx*      2.  -45.  -63. -107.
   Arizona            6xx*    7xx*   12xx*    26xx*     -21.  -29.   41.   -8.
   California          4xxx*  5xxx*   6xxx*   15xxx*     62.  -53. -143. -134.
   Hawaii              4x*   20xx*    2xxx*   4xxx*     -3.  -36. -104. -143.
   Nevada                 0  11xx*    2xxx*   37xx*      0.  -49.   80.   31.
   Oregon              1xxx*  8xxx*   5xxx*   14xxx*    -60. -206.   93. -174.
   Washington         34xx*   3xxx*   3xxx*   10xxx*     -9.  -53.  133.   72.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%
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Noise Based Table 02        ALL FORM

                         DTW      RACK     BULK     TOTAL   < ---- Adjustments ---->
United States         59xxxx*  556xxx*  573xxx*  172xxxx*   1242.    421.    489.   2152.
PAD District I        204xxx*  187xxx*  169xxx*   560xxx*    464.   -216.    234.    482.
   Subdistrict IA       7xxxx*   65xxx*   59xxx*    20xxxx*   573.     65.    261.    900.
      Connecticut      17xxx*   13xxx*    8xxx*     4xxxx*    483.    146.     84.    713.
      Maine            20xxx*   67xx*    15xxx*    43xxx*     -79.    -42.    -61.   -182.
      Massachusetts    403x*    11xxx*    4xxx*    19xxx*       1.    144.    132.    278.
      New Hampshire    17xxx*    6xxx*   13xxx*   376xx*      101.    -73.    -72.    -45.
      Rhode Island    104xx*    12xxx*    6xxx*    29xxx*      -7.   -226.    -65.   -298.
      Vermont           8xxx*   13xxx*   10xxx*    31xxx*      75.    116.    243.    434.
   Subdistrict IB      74xxx*    43xxx*  526xx*   170xxx*    -328.    141.     46.   -141.
      Delaware        149xx*    321x*    10xxx*    29xxx*      -9.      2.   -155.   -162.
      District of Columbia 145xx* 11xxx*  15xxx*   41xxx*       6.    -77.   -107.   -178.
      Maryland          3xxx*    6xxx*    6xxx*    16xxx*     120.     85.     88.    293.
      New Jersey       18xxx*    10xx*    4xxx*    24xxx*    -190.     20.     61.   -108.
      New York          9xxx*    9xxx*    6xxx*    25xxx*     -82.    189.    197.    304.
      Pennsylvania     13xxx*    11xxx*   90xx*    34xxx*    -173.    -78.    -38.   -290.
   Subdistrict IC      51xxx*    78xxx*   57xxx*   187xxx*    219.   -423.    -73.   -277.
      Florida           6xxx*    21xxx*    4xxx*    32xxx*      91.    -62.    128.    157.
      Georgia          18xxx*     4xxx*   92xx*    32xxx*      65.     52.    -15.    102.
      North Carolina    3xxx*     7xxx*    9xxx*    21xxx*    -192.   -191.    118.   -265.
      South Carolina   15xx*     30xxx*    7xxx*    39xxx*     -14.   -229.   -165.   -408.
      Virginia         11xxx*     5xxx*   11xxx*    28xxx*     233.     60.    -86.    207.
      West Virginia    96xx*      8xxx*   14xxx*    32xxx*      35.    -53.    -53.    -70.
PAD District II       199xxx*   175750   197xxx*   572xxx*   -339.    -10.    133.   -216.
      Illinois          8xxx*    15xxx*   15xxx*    3xxxx*    -267.   -122.   -129.   -518.
      Indiana           7xxx*    13xxx*    5xxx*    27xxx*    -172.    -77.    161.    -88.
      Iowa              4xxx*    15xxx*   20xxx*    40xxx*      90.    368.   -354.    104.
      Kansas           16xxx*    18xxx*    4xxx*    39xxx*     163.    110.    -54.    219.
      Kentucky         91xx*      6xxx*   19xxx*   346xx*      -21.   -202.    212.    -12.
      Michigan         11xxx*    30xx*    10xxx*    25xxx*     -89.     43.    237.    192.
      Minnesota        21xxx*    12xxx*  262xx*    60xxx*     230.    -86.     11.    154.
      Missouri         15xxx*    121xx*   73xx*    35xxx*     196.    -30.     28.    195.
      Nebraska         25xxx*    145xx*   17xxx*    57xxx*     -66.     23.    282.    239.
      North Dakota     10xxx*    22xxx*   81xx*    41xxx*    -131.    376.     23.    268.
      Ohio             24xxx*    10xxx*   15xxx*    50xxx*    -294.   -170.    307.   -156.
      Oklahoma         16xxx*    85xx*    10xxx*    35xxx*     -59.    -46.    -90.   -194.
      South Dakota      2x*      12xxx*   16xxx*    28xxx*      -1.   -164.   -248.   -412.
      Tennessee         2xxx*    43xx*    13xxx*    19xxx*      70.    -27.   -251.   -208.
      Wisconsin       248xx*     61xx*   630x*     37276       12.     -7.     -3.      2.
PAD District III       7xxxx*    64xxx*   79xxx*   21xxxx*    604.    496.    129.   1228.
      Alabama          15xxx*     5xxx*   13xxx*    34xxx*      97.    108.    148.    353.
      Arkansas          6xxx*    15xxx*   12xxx*   340xx*      69.    -60.    -57.    -48.
      Louisiana         7xxx*    12xxx*   15xxx*    35xxx*     149.    187.    -90.    246.
      Mississippi       7xxx*    16xxx*    5xxx*    2xxxx*     131.    269.    248.    648.
      New Mexico       22xxx*    133xx*  251xx*    60xxx*     150.    -17.    -50.     83.
      Texas           119xx*     20xx*    6xxx*    20xxx*       8.      8.    -71.    -54.
PAD District IV        5xxxx*    46xxx*   68xxx*   16xxxx*    509.    407.    -84.    832.
      Colorado         12xxx*    14xxx*   23xxx*    5xxxx*     234.    209.     82.    525.
      Idaho            73xx*     136xx*    9xxx*    30xxx*      41.     49.   -242.   -152.
      Montana          69xx*      8xxx*   22xxx*    37xxx*      46.     96.     96.    238.
      Utah             13xxx*     2xxx*   10xxx*    26xxx*     184.     92.     91.    368.
      Wyoming        1134x*      74xx*    2xxx*    21xxx*       4.    -39.   -112.   -147.
PAD District V         67381     82xxx*   59xxx*   208xxx*      4.   -256.     78.   -175.
      Alaska           70xx*     14xxx*   13xxx*    35xxx*      35.   -105.   -166.   -236.
      Arizona           4xxx*     7xx*     2xxx*     7xxx*    -140.    -29.     54.   -115.
      California       12xxx*     7xxx*  112xx*    31xxx*     295.    -91.     19.    223.
      Hawaii           13xxx*     8xxx*   89xx*    31xxx*    -286.    155.    -31.   -163.
      Nevada            5xxx*    14xxx*   83xx*    280xx*      67.   -106.     19.    -20.
      Oregon           75xx*     328xx*    8xxx*    48xxx*     -44.    -26.    157.     87.
      Washington       16xxx*     3xxx*   65xx*    263xx*      76.    -53.     27.     50.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%
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CTA Based Table 01 [ TARGET SMALL CELLS ]      REGULAR

                         DTW    RACK    BULK    TOTAL   < ---- Adjustments ---->
United States          188668  218471  170021  577160    0.    0.    0.    0.
PAD District I          64625   72994   65620  203239    0.    0.    0.    0.
  Subdistrict IA        25314   28780   16952   71046    0.    0.    0.    0.
    Connecticut         62xx*   15xx*    1700    9452   -8.A   8.A   0.    0.
    Maine                3936    4719    4429   13084    0.    0.    0.    0.
    Massachusetts        1xx*   38xx*       0    4012    8.w  -8.A   0.    0.
    New Hampshire        7879       0    3188   11067    0.    0.    0.    0.
    Rhode Island         1748    6224    3976   11948    0.    0.    0.    0.
    Vermont              5321   12503    3659   21483    0.    0.    0.    0.
  Subdistrict IB        19417   16493   22335   58245    0.    0.    0.    0.
    Delaware             6978   2xxx*   4xxx*   13650    0.   85.A -85.A   0.
    District of Columbia 2253    5070   11338   18661    0.    0.    0.    0.
    Maryland             3311   1xxx*   1xxx*    6226    0.  -60.A  60.w   0.
    New Jersey           6875       0    1xx*   70xx*    0.    0.  -14.A -14.A
    New York                0    6xx*    8xx*   14xx*    0.  -25.A  39.w  14.A
    Pennsylvania            0    6539    4718   11257    0.    0.    0.    0.
  Subdistrict IC        19894   27721   26333   73948    0.    0.    0.    0.
    Florida                 0   10857    1847   12704    0.    0.    0.    0.
    Georgia              9961       0       0    9961    0.    0.    0.    0.
    North Carolina       2268   72xx*   84xx*   17958    0.   39.A -39.A   0.
    South Carolina       1195    5887    7582   14664    0.    0.    0.    0.
    Virginia             3560       0    3625    7185    0.    0.    0.    0.
    West Virginia        2910   37xx*   48xx*   11476    0.  -39.A  39.A   0.
PAD District II         76174   62147   54796  193117    0.    0.    0.    0.
    Illinois             4128       0       0    4128    0.    0.    0.    0.
    Indiana             45xx*       0   38xx*    8459  -33.A   0.   33.A   0.
    Iowa                 1149    4196    4216    9561    0.    0.    0.    0.
    Kansas             12xxx*  1032x*   1xxx*   24274  115.A  -3.A-112.A   0.
    Kentucky            5xxx*   280x*   6xxx*   15136  -61.A   3.A  58.A   0.
    Michigan             2022       0    6668    8690    0.    0.    0.    0.
    Minnesota            6400    3694    1332   11426    0.    0.    0.    0.
    Missouri             5915   10385    3934   20234    0.    0.    0.    0.
    Nebraska             2652    7667     942   11261    0.    0.    0.    0.
    North Dakota         4671    8286       0   12957    0.    0.    0.    0.
    Ohio                 7197       0    3477   10674    0.    0.    0.    0.
    Oklahoma            40xx*    1864   43xx*   10233  -21.A   0.   21.A   0.
    South Dakota           24   11013    5526   16563    0.    0.    0.    0.
    Tennessee            2242     645    8325   11212    0.    0.    0.    0.
    Wisconsin           13309    1280    3720   18309    0.    0.    0.    0.
PAD District III        15248   23726   26417   65391    0.    0.    0.    0.
    Alabama             35xx*    2xx*    2856    6619   25.A -25.w   0.    0.
    Arkansas             1598    5628    6358   13584    0.    0.    0.    0.
    Louisiana               0   3xxx*   4xxx*    7755    0.   65.A -65.A   0.
    Mississippi           666   9xxx*   2xxx*   12571    0.   69.A -69.A   0.
    New Mexico           8410    4928    6696   20034    0.    0.    0.    0.
    Texas               10xx*    xxx*   3xxx*    4828  -25.A-109.w 134.A   0.
PAD District IV         13561   23112    8479   45152    0.    0.    0.    0.
    Colorado                0    8772    5637   14409    0.    0.    0.    0.
    Idaho               1xxx*    xxx*    8xx*   2xxx*   75.A -94.w -44.w -63.A
    Montana              xxx*   7xxx*       0   79xx* -104.w 132.A   0.   28.A
    Utah                57xx*    3xx*       0   60xx*   29.A -38.w   0.   -9.A
    Wyoming              6446    5660   20xx*  141xx*    0.    0.   44.A  44.A
PAD District V          19060   36492   14709   70261    0.    0.    0.    0.
    Alaska                  0    7948    4300   12248    0.    0.    0.    0.
    Arizona              2721     828    2189    5738    0.    0.    0.    0.
    California           3792    3728    2251    9771    0.    0.    0.    0.
    Hawaii               1038    6141     327    7506    0.    0.    0.    0.
    Nevada               2555    3522       0    6077    0.    0.    0.    0.
    Oregon                  0   14325    3040   17365    0.    0.    0.    0.
    Washington           8954       0    2602   11556    0.    0.    0.    0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%
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CTA Based Table 01 [ TARGET SMALL CELLS ]      MID-GRADE

                        DTW    RACK    BULK    TOTAL  < ---- Adjustments ---->
United States         234099  170421  209941  614461    0.    0.    0.    0.
PAD District I         69006   60078   45675  174759    0.    0.    0.    0.
  Subdistrict IA       23026   19648   17765   60439    0.    0.    0.    0.
    Connecticut         3672   10737    1551   15960    0.    0.    0.    0.
    Maine               9886    2113    7014   19013    0.    0.    0.    0.
    Massachusetts      1xxx*   3xxx*       0    5103   84.w -84.A   0.    0.
    New Hampshire      14xx*   17xx*    8119   11318  -39.A  39.A   0.    0.
    Rhode Island       55xx*    7xx*       0    6359   -6.A   6.A   0.    0.
    Vermont             6xx*    9xx*    1081    2686  -39.A  39.A   0.    0.
  Subdistrict IB       33509   14578   12603   60690    0.    0.    0.    0.
    Delaware            1386       0    3617    5003    0.    0.    0.    0.
    District of Columbia 7460   4758       0   12218    0.    0.    0.    0.
    Maryland               0   39xx*   43xx*    8292    0.   18.A -18.A   0.
    New Jersey          4795    3xx*     440   56xx*    0.   14.A   0.   14.A
    New York            6434   20xx*    7xx*   91xx*    0.  -32.p  18.A -14.A
    Pennsylvania       13434    3480    3451   20365    0.    0.    0.    0.
  Subdistrict IC       12471   25852   15307   53630    0.    0.    0.    0.
    Florida            3xxx*    5264   1xxx*    9465  -82.A   0.   82.w   0.
    Georgia                0   213x*   265x*    4783    0.    4.A  -4.A   0.
    North Carolina      7xx*    2xx*       0     986   35.w -35.w   0.    0.
    South Carolina       345   14094       0   14439    0.    0.    0.    0.
    Virginia           48xx*    1724   83xx*   14910   22.A   0.  -22.A   0.
    West Virginia      33xx*   24xx*   3xxx*    9047   25.A  31.A -56.A   0.
PAD District II        74913   67732   78659  221304    0.    0.    0.    0.
    Illinois            3xx*   14174   37xx*   18240   15.w   0.  -15.A   0.
    Indiana             xxx*   14060   19xx*  16xxx*  -83.w   0.    6.A -77.A
    Iowa                3319    4704   12645   20668    0.    0.    0.    0.
    Kansas             1xxx*   78xx*    6xx*    9790  -69.w  39.A  30.w   0.
    Kentucky           3xxx*    xxx*    7962   11938   61.A -61.w   0.    0.
    Michigan          10xxx*   1xxx*       0   11022   55.A -54.w   0.    1.A
    Minnesota           6756    3833   22520   33109    0.    0.    0.    0.
    Missouri            5075    1769    3330   10174    0.    0.    0.    0.
    Nebraska           16463    1526    4481   22470    0.    0.    0.    0.
    North Dakota        5772    5558    8154   19484    0.    0.    0.    0.
    Ohio               10728    6112    5048   21888    0.    0.    0.    0.
    Oklahoma           15xx*    3090   32xx*    7846   21.A   0.  -21.A   0.
    South Dakota           0    1153    4227    5380    0.    0.    0.    0.
    Tennessee              0   1xxx*     543   2xxx*    0.   76.A   0.   76.A
    Wisconsin           9470     819     212   10501    0.    0.    0.    0.
PAD District III       33192   13706   35889   82787    0.    0.    0.    0.
    Alabama             9144      75    9977   19196    0.    0.    0.    0.
    Arkansas               0       0    1448    1448    0.    0.    0.    0.
    Louisiana           5772    3596    9797   19165    0.    0.    0.    0.
    Mississippi         5261    6399    2330   13990    0.    0.    0.    0.
    New Mexico          8475    3636   10033   22144    0.    0.    0.    0.
    Texas               4540       0    2304    6844    0.    0.    0.    0.
PAD District IV        26384   13793   33824   74001    0.    0.    0.    0.
    Colorado            9457    4440    8352   22249    0.    0.    0.    0.
    Idaho              63xx*    9353   89xx*   24550  -44.A   0.   44.A   0.
    Montana            63xx*       0  118xx*   18194   44.A   0.  -44.A   0.
    Utah                4232       0    4776    9008    0.    0.    0.    0.
    Wyoming                0       0       0       0    0.    0.    0.    0.
PAD District V         30604   15112   15894   61610    0.    0.    0.    0.
    Alaska             695x*       0   387x*   10810    1.A   0.   -1.A   0.
    Arizona              583       0     363     946    0.    0.    0.    0.
    California         57xx*   3xxx*   66xx*   15396   28.A -69.A  41.A   0.
    Hawaii              9123     147    2664   11934    0.    0.    0.    0.
    Nevada              5xx*   26xx*    2013    5201  -29.w  29.A   0.    0.
    Oregon              4585    6009       0   10594    0.    0.    0.    0.
    Washington          3058   33xx*    3xx*    6729    0.   40.A -40.w   0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%
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CTA Based Table 01 [ TARGET SMALL CELLS ]      PREMIUM

                        DTW     RACK    BULK    TOTAL   < ---- Adjustments ---->
United States         169122  166813  193519  529454    0.     0.     0.     0.
PAD District I         69900   54199   57812  181911    0.     0.     0.     0.
  Subdistrict IA       28875   16615   24200   69690    0.     0.     0.     0.
    Connecticut        68xx*   15xx*    5602   13973    8.A   -8.A    0.     0.
    Maine               6874       0    4584   11458    0.     0.     0.     0.
    Massachusetts      2xxx*   43xx*   41xx*   10547  -53.A   14.A   39.A    0.
    New Hampshire      79xx*    5311   20xx*   15339   39.A    0.   -39.A    0.
    Rhode Island       30xx*   54xx*    2588   11127    6.A   -6.A    0.     0.
    Vermont             2064       0    5182    7246    0.     0.     0.     0.
  Subdistrict IB       21910   12103   17624   51637    0.     0.     0.     0.
    Delaware            6632     7xx*   32xx*   10604    0.   -28.A   28.A    0.
    District of Columbia 4860    1540    4012   10412    0.     0.     0.     0.
    Maryland               0     9xx*    9xx*    1848    0.    42.w  -42.A    0.
    New Jersey          7186     6xx*   38xx*   11643    0.   -14.A   14.A    0.
    New York            3232     6328    4740   14300    0.     0.     0.     0.
    Pennsylvania           0     1954     876    2830    0.     0.     0.     0.
  Subdistrict IC       19115   25481   15988   60584    0.     0.     0.     0.
    Florida            3xxx*     5429    1xxx*  10520   82.A    0.   -82.A    0.
    Georgia             8613     2355    6603   17571    0.     0.     0.     0.
    North Carolina     1xxx*        0   1xxx*    2432  -65.A    0.    65.w    0.
    South Carolina         0    11093       0   11093    0.     0.     0.     0.
    Virginia            2480     4088       0    6568    0.     0.     0.     0.
    West Virginia      33xx*     2516    65xx*  12400  -17.A    0.    17.A    0.
PAD District II        48832   45882   63611  158325    0.     0.     0.     0.
    Illinois           40xx*    1xxx*  119xx*   17222  -15.A   60.w  -45.A    0.
    Indiana            2xxx*        0       0   2xxx*   97.w    0.     0.    97.w
    Iowa                 412     5898    3872   10182    0.     0.     0.     0.
    Kansas             3xxx*        0    1xxx*    5025  -82.A    0.    82.w    0.
    Kentucky               0    30xx*   45xx*    75xx*   0.    17.A  -37.A  -20.A
    Michigan               0    190x*    3830   573x*    0.    -1.A    0.    -1.A
    Minnesota           8071     5144    2368   15583    0.     0.     0.     0.
    Missouri            4555       20       0    4575    0.     0.     0.     0.
    Nebraska            6310     5357   12187   23854    0.     0.     0.     0.
    North Dakota           0     8633       0    8633    0.     0.     0.     0.
    Ohio                6693     4371    6707   17771    0.     0.     0.     0.
    Oklahoma           11318     3617    2664   17599    0.     0.     0.     0.
    South Dakota           0      504    6908    7412    0.     0.     0.     0.
    Tennessee              0    2xxx*    4466   6xxx*    0.   -76.A    0.   -76.A
    Wisconsin           2077     4014    2373    8464    0.     0.     0.     0.
PAD District III       21321   26517   17132   64970    0.     0.     0.     0.
    Alabama            26xx*     4674    9xx*    8223  -25.A    0.    25.A    0.
    Arkansas            4400     9815    4856   19071    0.     0.     0.     0.
    Louisiana           1730    5xxx*    1xxx*    8202    0.   -65.A   65.w    0.
    Mississippi         1010      792       0    1802    0.     0.     0.     0.
    New Mexico          5218     4822    8455   18495    0.     0.     0.     0.
    Texas              63xx*    1xxx*    1xxx*    9177   25.A   65.A  -90.w    0.
PAD District IV        11355     9475   26290   47120    0.     0.     0.     0.
    Colorado            2751     1456    9460   13667    0.     0.     0.     0.
    Idaho                  0    32xx*       0   32xx*    0.    28.A    0.    28.A
    Montana                0    1xxx*  10xxx*  113xx*    0.  -119.w   91.A  -28.A
    Utah                3720     1539    6016   11275    0.     0.     0.     0.
    Wyoming             4884    1xxx*     xxx*    7491    0.    91.w  -91.A    0.
PAD District V         17714   30740   28674   77128    0.     0.     0.     0.
    Alaska              1x*      6998    526x*   12269   -1.w    0.     1.A    0.
    Arizona             1120        0      30    1150    0.     0.     0.     0.
    California         30xx*     xxx*    2xxx*    6353  -28.A   79.w  -51.A    0.
    Hawaii              3736     2046    6026   11808    0.     0.     0.     0.
    Nevada             23xx*    81xx*    63xx*   16839   29.A  -39.A   10.A    0.
    Oregon              3038    12519    5168   20725    0.     0.     0.     0.
    Washington          4425      xx*    35xx*    7984    0.   -40.A   40.A    0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%
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CTA Based Table 01 [ TARGET SMALL CELLS ]      ALL GRADE

                        DTW     RACK     BULK    TOTAL   < ---- Adjustments ---->
United States         591889   555705   573481  1721075    0.     0.     0.     0.
PAD District I        203531   187271   169107   559909    0.     0.     0.     0.
  Subdistrict IA       77215    65043    58917   201175    0.     0.     0.     0.
    Connecticut        16751    13781     8853    39385    0.     0.     0.     0.
    Maine              20696     6832    16027    43555    0.     0.     0.     0.
    Massachusetts      40xx*    11xxx*   41xx*    19662   39.A  -78.A  39.A    0.
    New Hampshire      17235    71xx*   133xx*    37724    0.    39.A  -39.A    0.
    Rhode Island       10417    12453     6564    29434    0.     0.     0.     0.
    Vermont            80xx*   134xx*     9922    31415  -39.A   39.A    0.     0.
  Subdistrict IB       74836    43174    52562   170572    0.     0.     0.     0.
    Delaware           14996     3xxx*   11xxx*   29257    0.    57.A  -57.A    0.
    District of Columbia 14573  11368    15350    41291    0.     0.     0.     0.
    Maryland            3311     6590     6465    16366    0.     0.     0.     0.
    New Jersey         18856     1000     4416    24272    0.     0.     0.     0.
    New York            9666     8xxx*    6xxx*   24934    0.   -57.A   57.A    0.
    Pennsylvania       13434    11973     9045    34452    0.     0.     0.     0.
  Subdistrict IC       51480    79054    57628   188162    0.     0.     0.     0.
    Florida             6720    21550     4419    32689    0.     0.     0.     0.
    Georgia            18574     449x*    926x*   32315    0.     4.A   -4.A    0.
    North Carolina     40xx*    751x*     98xx*   21376  -30.A    4.A   26.A    0.
    South Carolina      1540    31074     7582    40196    0.     0.     0.     0.
    Virginia          109xx*     5812   119xx*    28663   22.A    0.   -22.A    0.
    West Virginia      96xx*    86xx*    14635    32923    8.A   -8.A    0.     0.
PAD District II       199919   175761   197066   572746    0.     0.     0.     0.
    Illinois            8497    15xxx*   15xxx*    39590    0.    60.A  -60.A    0.
    Indiana            73xx*    14060     58xx*   272xx*  -19.A    0.    39.A   20.A
    Iowa                4880    14798    20733    40411    0.     0.     0.     0.
    Kansas            167xx*   181xx*     4186    39089  -36.A   36.A    0.     0.
    Kentucky            9190    63xx*    191xx*   346xx*    0.   -41.A   21.A  -20.A
    Michigan           12xxx*    2xxx*   10498    25446   55.A  -55.A    0.     0.
    Minnesota          21227    12671    26220    60118    0.     0.     0.     0.
    Missouri           15545    12174     7264    34983    0.     0.     0.     0.
    Nebraska           25425    14550    17610    57585    0.     0.     0.     0.
    North Dakota       10443    22477     8154    41074    0.     0.     0.     0.
    Ohio               24618    10483    15232    50333    0.     0.     0.     0.
    Oklahoma           16828     8571    10279    35678    0.     0.     0.     0.
    South Dakota          24    12670    16661    29355    0.     0.     0.     0.
    Tennessee           2242     4328    13334    19904    0.     0.     0.     0.
    Wisconsin          24856     6113     6305    37274    0.     0.     0.     0.
PAD District III       69761    63949    79438   213148    0.     0.     0.     0.
    Alabama            15332     49xx*   137xx*   34038    0.   -25.A   25.A    0.
    Arkansas            5998    15443    12662    34103    0.     0.     0.     0.
    Louisiana           7502    12006    15614    35122    0.     0.     0.     0.
    Mississippi         6937    16xxx*    5xxx*   28363    0.    69.A  -69.A    0.
    New Mexico         22103    13386    25184    60673    0.     0.     0.     0.
    Texas              11889    19xx*     70xx*   20849    0.   -44.A   44.A    0.
PAD District IV        51300    46380    68593   166273    0.     0.     0.     0.
    Colorado           12208    14668    23449    50325    0.     0.     0.     0.
    Idaho              73xx*    13xxx*    9736    305xx*   31.A  -66.A    0.   -35.A
    Montana             6xxx*    87xx*   219xx*   37493  -60.A   13.A   47.A    0.
    Utah              136xx*     18xx*   10792    263xx*   29.A  -38.A    0.    -9.A
    Wyoming            11330     7xxx*    26xx*   216xx*    0.    91.A  -47.A   44.A
PAD District V         67378    82344    59277   208999    0.     0.     0.     0.
    Alaska              6958    14946    13423    35327    0.     0.     0.     0.
    Arizona             4424      828     2582     7834    0.     0.     0.     0.
    California         12565    77xx*    112xx*   31520    0.    10.A  -10.A    0.
    Hawaii             13897     8334     9017    31248    0.     0.     0.     0.
    Nevada              5474   143xx*     83xx*   28117    0.   -10.A   10.A    0.
    Oregon              7623    32853     8208    48684    0.     0.     0.     0.
    Washington         16437     3354     6478    26269    0.     0.     0.     0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%
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CTA Based Table 02 [ TARGET SMALL CELLS ]        CONVEN

                        DTW     RACK     BULK    TOTAL   < ---- Adjustments ---->
United States          233472   200510   189281   623263    0.     0.     0.     0.
PAD District I          68198    70091    55844   194133    0.     0.     0.     0.
  Subdistrict IA        18833    32486    16044    67363    0.     0.     0.     0.
    Connecticut          5274     6611     4129    16014    0.     0.     0.     0.
    Maine                1672     3008        0     4680    0.     0.     0.     0.
    Massachusetts        2010     6548        0     8558    0.     0.     0.     0.
    New Hampshire        6069      3xx*    22xx*    8675    0.   -18.w   18.A    0.
    Rhode Island         3808     9506     2815    16129    0.     0.     0.     0.
    Vermont                 0     64xx*    68xx*   13307    0.    18.A  -18.A    0.
  Subdistrict IB        24411     9950    20109    54470    0.     0.     0.     0.
    Delaware             2184     18xx*    18xx*    5828    0.   -11.A   11.A    0.
    District of Columbia 3892        0     7340    11232    0.     0.     0.     0.
    Maryland                0     56xx*    19xx*    7679    0.   -42.A   42.A    0.
    New Jersey           5261      625        0     5886    0.     0.     0.     0.
    New York             3705      xx*     47xx*    8552    0.    -6.w    6.A    0.
    Pennsylvania         9369     1xxx*    4xxx*   15293    0.    59.A  -59.A    0.
  Subdistrict IC        24954    27655    19691    72300    0.     0.     0.     0.
    Florida              5865    12510     1613    19988    0.     0.     0.     0.
    Georgia             104xx*    2xxx*    62xx*   18788   46.A  -84.A   38.A    0.
    North Carolina        8xx*     xxx*    45xx*    6408  -46.w   84.w  -38.A    0.
    South Carolina          0     9802        0     9802    0.     0.     0.     0.
    Virginia             4216        0     2486     6702    0.     0.     0.     0.
    West Virginia        3500     2376     4736    10612    0.     0.     0.     0.
PAD District II         81809    63212    73202   218223    0.     0.     0.     0.
    Illinois             7240     5456     2975    15671    0.     0.     0.     0.
    Indiana             1xxx*     5561    1xxx*    85xx*  -64.w    0.    84.w   20.A
    Iowa                  596     5008    10282    15886    0.     0.     0.     0.
    Kansas              2xxx*     58xx*    3xxx*   11730  -89.A   36.A   53.A    0.
    Kentucky                0      xxx*    93xx*    98xx*   0.   -61.w   39.A  -22.A
    Michigan            4xxx*     1xxx*    8260    14411   90.A  -90.w    0.     0.
    Minnesota           11902     2428    17184    31514    0.     0.     0.     0.
    Missouri             9693     3750        0    13443    0.     0.     0.     0.
    Nebraska            14640     3233     8340    26213    0.     0.     0.     0.
    North Dakota        1xxx*    13743    1xxx*    16159   63.w    0.   -63.A    0.
    Ohio                10999     6112     5141    22252    0.     0.     0.     0.
    Oklahoma             3732     4214     3550    11496    0.     0.     0.     0.
    South Dakota            0     1153       5x*    120x*   0.     0.     2.w    2.A
    Tennessee               0     1xxx*     xxx*    1565    0.    83.A  -83.A    0.
    Wisconsin           13336     32xx*    16xx*   18269    0.    32.A  -32.A    0.
PAD District III        32837    31206    23139    87182    0.     0.     0.     0.
    Alabama             15332      334     5273    20939    0.     0.     0.     0.
    Arkansas            4xxx*     8042     2xxx*   15291  -66.A    0.    66.A    0.
    Louisiana               0     4994     5895    10889    0.     0.     0.     0.
    Mississippi         2xxx*    11737     1xxx*   15634   66.A    0.   -66.w    0.
    New Mexico           7810     6099     3972    17881    0.     0.     0.     0.
    Texas                2756        0     3792     6548    0.     0.     0.     0.
PAD District IV         13773    10181    19060    43014    0.     0.     0.     0.
    Colorado             4240     3951     7876    16067    0.     0.     0.     0.
    Idaho                56xx*    29xx*        0     8588   22.A  -22.A    0.     0.
    Montana               xxx*    1xxx*    6xxx*    85xx*  -51.w  -69.w   76.A  -44.A
    Utah                 14xx*        0    25xx*    3950   29.A    0.   -29.A    0.
    Wyoming              2043     1xxx*    19xx*    58xx*   0.    91.w  -47.A   44.A
PAD District V          36855    25820    18036    80711    0.     0.     0.     0.
    Alaska               2205     4240     8388    14833    0.     0.     0.     0.
    Arizona              1367        0        0     1367    0.     0.     0.     0.
    California           4592      xx*        0     46xx*   0.   -10.w    0.   -10.A
    Hawaii              1122x*     630x*    3482    21001   -2.A    2.A    0.     0.
    Nevada               2483     84xx*    53xx*   16284    0.     8.A   -8.A    0.
    Oregon               47xx*    6788        0    115xx*  10.A    0.     0.    10.A
    Washington          102xx*        0     7xx*   11014   -8.A    0.     8.A    0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%
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CTA Based Table 02 [ TARGET SMALL CELLS ]        OXYGEN

                        DTW    RACK    BULK    TOTAL   < ---- Adjustments ---->
United States          185909  157406  176052  519367    0.     0.     0.     0.
PAD District I          62713   59801   51566  174080    0.     0.     0.     0.
  Subdistrict IA        36179   20682   21112   77973    0.     0.     0.     0.
    Connecticut          54xx*   588x*   16xx*   13060  -39.A  -2.A   41.A    0.
    Maine               12772    1478    3159   17409    0.     0.     0.     0.
    Massachusetts         2xx*   1xxx*   30xx*   4xxx*   39.w  -78.w  -14.A  -53.A
    New Hampshire        6448    4444    7408   18300    0.     0.     0.     0.
    Rhode Island         6609    2xxx*   3749   12xxx*   0.    59.A    0.    59.A
    Vermont              4648    49xx*   20xx*  116xx*   0.    21.A  -27.A  -6.A
  Subdistrict IB        16120   12775   12539   41434    0.     0.     0.     0.
    Delaware             5396       0    5313   10709    0.     0.     0.     0.
    District of Columbia 5118    2725     940    8783    0.     0.     0.     0.
    Maryland                0       0     932     932    0.     0.     0.     0.
    New Jersey           3737       0    3832    7569    0.     0.     0.     0.
    New York             1869    20xx*    7xx*   4737    0.   -38.A   38.A    0.
    Pennsylvania            0    79xx*    7xx*   8704    0.    38.A  -38.w    0.
  Subdistrict IC        10414   26344   17915   54673    0.     0.     0.     0.
    Florida               855    3469     959    5283    0.     0.     0.     0.
    Georgia              29xx*    1472     8xx*   5289  -37.A    0.    37.A    0.
    North Carolina       10xx*    6xxx*   3xxx*  10952   16.A -80.A   64.A    0.
    South Carolina       1540    8716    2862   13118    0.     0.     0.     0.
    Virginia             3869    3xxx*    xxx*   8615    0.    51.A  -51.w    0.
    West Virginia         2xx*   23xx*    8xxx*  11416   21.w  29.A  -50.A    0.
PAD District II         70903   41637   63903  176443    0.     0.     0.     0.
    Illinois             1257     xxx*    8xxx*  1101x*   0.    74.w  -72.A   2.A
    Indiana              29xx*    7304    40xx*  14264   45.A    0.   -45.A    0.
    Iowa                 2113    4459    5890   12462    0.     0.     0.     0.
    Kansas               3xxx*    5421     xxx*   9205   80.A    0.   -80.w    0.
    Kentucky             9190    2142    3821   15153    0.     0.     0.     0.
    Michigan             65xx*   12xx*      0    7723  -35.A   35.A    0.     0.
    Minnesota            4295    2781    4650   11726    0.     0.     0.     0.
    Missouri             4878    2965    3712   11555    0.     0.     0.     0.
    Nebraska             6235    2974    6418   15627    0.     0.     0.     0.
    North Dakota          2xxx*   3856     3xxx*  9952  -63.A    0.    63.A    0.
    Ohio                 9932    1821    8186   19939    0.     0.     0.     0.
    Oklahoma            10858    2493    3276   16627    0.     0.     0.     0.
    South Dakota            0    2040     494x*   698x*   0.     0.    -2.A  -2.A
    Tennessee             5xx*   1xxx*    4xxx*   6211   26.w -109.A  83.A    0.
    Wisconsin             6xxx*      0     1xxx*   8010  -53.A    0.    53.w    0.
PAD District III        10582   14268   24802   49652    0.     0.     0.     0.
    Alabama                 0       0     755x*   755x*   0.     0.    -2.A  -2.A
    Arkansas              1xxx*   2520     5xxx*   9145   75.A    0.   -75.A    0.
    Louisiana               0    6205    4003   10208    0.     0.     0.     0.
    Mississippi           2xxx*      0     2xxx*   4657  -75.A    0.    75.A    0.
    New Mexico           7421    4451    5082   16954    0.     0.     0.     0.
    Texas                   0    1092      5x*    114x*   0.     0.     2.w   2.A
PAD District IV         20750   15061   17089   52900    0.     0.     0.     0.
    Colorado                0    7132       0    7132    0.     0.     0.     0.
    Idaho                17xx*     8xx*   6724    92xx*   9.A  -44.w    0.   -35.A
    Montana               3xx*   55xx*   6898   128xx*  -9.A   44.A    0.    35.A
    Utah                12230    1539    3467   17236    0.     0.     0.     0.
    Wyoming              6460       0       0    6460    0.     0.     0.     0.
PAD District V          20961   26639   18692   66292    0.     0.     0.     0.
    Alaska                474x*   2844     359x*  11173    1.A    0.    -1.A    0.
    Arizona               2xxx*      0     1xxx*   3786   58.A    0.   -58.A    0.
    California           38xx*    1863    50xx*  108xx*  20.A    0.   -10.A  10.A
    Hawaii               2614       0    2544    5158    0.     0.     0.     0.
    Nevada               2991    46xx*    4xx*    8121    0.   -42.A   42.w    0.
    Oregon                1xxx*  172xx*   30xx*  219xx*  -87.w  42.A   35.A -10.A
    Washington           27xx*      0     25xx*   5249    8.A    0.    -8.A    0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%
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CTA Based Table 02 [TARGET SMALL CELLS]   REFORM

	DTW	RACK	BULK	TOTAL	< ---- Adjustments ---->			
United States	172508	197789	208148	578445	0.	0.	0.	0.
PAD District I	72620	57379	61697	191696	0.	0.	0.	0.
Subdistrict IA	22203	11875	21761	55839	0.	0.	0.	0.
Connecticut	59xx*	129x*	30xx*	10311	39.A	2.A	-41.A	0.
Maine	6252	2346	12868	21466	0.	0.	0.	0.
Massachusetts	1839	3405	1xxx*	6xxx*	0.	0.	53.w	53.A
New Hampshire	4718	2xxx*	3xxx*	10749	0.	57.A	-57.A	0.
Rhode Island	0	xxx*	0	xxx*	0.	-59.w	0.	-59.w
Vermont	34xx*	2011	10xx*	64xx*	-39.A	0.	45.p	6.A
Subdistrict IB	34305	20449	19914	74668	0.	0.	0.	0.
Delaware	7416	1xxx*	3xxx*	12720	0.	68.w	-68.A	0.
District of Columbia	5563	8643	7070	21276	0.	0.	0.	0.
Maryland	3311	9xx*	35xx*	7755	0.	42.w	-42.A	0.
New Jersey	9858	375	584	10817	0.	0.	0.	0.
New York	4092	68xx*	7xx*	11645	0.	-13.A	13.A	0.
Pennsylvania	4065	2xxx*	4xxx*	10455	0.	-97.A	97.A	0.
Subdistrict IC	16112	25055	20022	61189	0.	0.	0.	0.
Florida	0	5571	1847	7418	0.	0.	0.	0.
Georgia	51xx*	xxx*	2xxx*	8238	-9.A	88.w	-79.A	0.
North Carolina	2204	0	1812	4016	0.	0.	0.	0.
South Carolina	0	12556	4720	17276	0.	0.	0.	0.
Virginia	28xx*	2xxx*	84xx*	13346	22.A	-51.A	29.A	0.
West Virginia	59xx*	39xx*	1xxx*	10895	-13.A	-37.A	50.w	0.
PAD District II	47207	70912	59961	178080	0.	0.	0.	0.
Illinois	0	91xx*	37xx*	1291x*	0.	-14.A	12.A	-2.A
Indiana	3225	1195	0	4420	0.	0.	0.	0.
Iowa	2171	5331	4561	12063	0.	0.	0.	0.
Kansas	110xx*	6859	2xx*	18154	-27.A	0.	27.w	0.
Kentucky	0	36xx*	60xx*	966x*	0.	20.A	-18.A	2.A
Michigan	1074	0	2238	3312	0.	0.	0.	0.
Minnesota	5030	7462	4386	16878	0.	0.	0.	0.
Missouri	974	5459	3552	9985	0.	0.	0.	0.
Nebraska	4550	8343	2852	15745	0.	0.	0.	0.
North Dakota	6903	4878	3182	14963	0.	0.	0.	0.
Ohio	3687	2550	1905	8142	0.	0.	0.	0.
Oklahoma	2238	1864	3453	7555	0.	0.	0.	0.
South Dakota	24	9477	11671	21172	0.	0.	0.	0.
Tennessee	16xx*	18xx*	8591	12128	-26.A	26.A	0.	0.
Wisconsin	4xxx*	28xx*	35xx*	10995	53.A	-32.A	-21.A	0.
PAD District III	26342	18475	31497	76314	0.	0.	0.	0.
Alabama	0	46xx*	9xx*	555x*	0.	-25.A	27.A	2.A
Arkansas	6xx*	4881	41xx*	9667	-9.p	0.	9.A	0.
Louisiana	7502	807	5716	14025	0.	0.	0.	0.
Mississippi	21xx*	4xxx*	1xxx*	8072	9.A	69.A	-78.w	0.
New Mexico	6872	2836	16130	25838	0.	0.	0.	0.
Texas	9133	8xx*	31xx*	1316x*	0.	-44.w	42.A	-2.A
PAD District IV	16777	21138	32444	70359	0.	0.	0.	0.
Colorado	7968	3585	15573	27126	0.	0.	0.	0.
Idaho	0	9651	3012	12663	0.	0.	0.	0.
Montana	5982	19xx*	82xx*	161xx*	0.	38.A	-29.A	9.A
Utah	0	3xx*	48xx*	51xx*	0.	-38.w	29.A	-9.A
Wyoming	2827	5660	769	9256	0.	0.	0.	0.
PAD District V	9562	29885	22549	61996	0.	0.	0.	0.
Alaska	1x*	7862	145x*	9321	-1.w	0.	1.A	0.
Arizona	xxx*	828	1xxx*	2681	-58.A	0.	58.A	0.
California	41xx*	57xx*	6143	16023	-20.A	20.A	0.	0.
Hawaii	6x*	204x*	2991	5089	2.w	-2.A	0.	0.
Nevada	0	12xx*	24xx*	3712	0.	24.A	-24.A	0.
Oregon	1xxx*	87xx*	51xx*	15164	77.w	-42.A	-35.A	0.
Washington	3494	3354	3158	10006	0.	0.	0.	0.

* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%

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CTA Based Table 02 [ TARGET SMALL CELLS ]      ALL FORM


                          DTW     RACK     BULK    TOTAL   < ---- Adjustments ---->
United States           591889   555705   573481  1721075    0.     0.     0.     0.
PAD District I          203531   187271   169107   559909    0.     0.     0.     0.
  Subdistrict IA         77215    65043    58917   201175    0.     0.     0.     0.
    Connecticut          16751    13781     8853    39385    0.     0.     0.     0.
    Maine                20696     6832    16027    43555    0.     0.     0.     0.
    Massachusetts        40xx*    11xxx*   41xx*    19662   39.A  -78.A  39.A    0.
    New Hampshire        17235     71xx*   133xx*   37724    0.    39.A  -39.A    0.
    Rhode Island         10417    12453     6564    29434    0.     0.     0.     0.
    Vermont              80xx*    134xx*    9922    31415  -39.A   39.A    0.     0.
  Subdistrict IB         74836    43174    52562   170572    0.     0.     0.     0.
    Delaware             14996     3xxx*   11xxx*   29257    0.    57.A  -57.A    0.
    District of Columbia 14573    11368    15350    41291    0.     0.     0.     0.
    Maryland              3311     6590     6465    16366    0.     0.     0.     0.
    New Jersey           18856     1000     4416    24272    0.     0.     0.     0.
    New York              9666     8xxx*    6xxx*   24934    0.   -57.A   57.A    0.
    Pennsylvania         13434    11973     9045    34452    0.     0.     0.     0.
  Subdistrict IC         51480    79054    57628   188162    0.     0.     0.     0.
    Florida               6720    21550     4419    32689    0.     0.     0.     0.
    Georgia              18574      449x*    926x*   32315    0.     4.A   -4.A    0.
    North Carolina       40xx*     751x*    98xx*   21376  -30.A    4.A   26.A    0.
    South Carolina        1540    31074     7582    40196    0.     0.     0.     0.
    Virginia            109xx*     5812    119xx*   28663   22.A    0.   -22.A    0.
    West Virginia        96xx*     86xx*   14635    32923    8.A   -8.A    0.     0.
PAD District II         199919   175761   197066   572746    0.     0.     0.     0.
    Illinois              8497    15xxx*   15xxx*   39590    0.    60.A  -60.A    0.
    Indiana              73xx*    14060     58xx*   272xx*  -19.A    0.    39.A   20.A
    Iowa                  4880    14798    20733    40411    0.     0.     0.     0.
    Kansas              167xx*    181xx*    4186    39089  -36.A   36.A    0.     0.
    Kentucky              9190     63xx*   191xx*   346xx*   0.   -41.A   21.A  -20.A
    Michigan             12xxx*    2xxx*   10498    25446   55.A  -55.A    0.     0.
    Minnesota            21227    12671    26220    60118    0.     0.     0.     0.
    Missouri             15545    12174     7264    34983    0.     0.     0.     0.
    Nebraska             25425    14550    17610    57585    0.     0.     0.     0.
    North Dakota         10443    22477     8154    41074    0.     0.     0.     0.
    Ohio                 24618    10483    15232    50333    0.     0.     0.     0.
    Oklahoma             16828     8571    10279    35678    0.     0.     0.     0.
    South Dakota            24    12670    16661    29355    0.     0.     0.     0.
    Tennessee             2242     4328    13334    19904    0.     0.     0.     0.
    Wisconsin            24856     6113     6305    37274    0.     0.     0.     0.
PAD District III         69761    63949    79438   213148    0.     0.     0.     0.
    Alabama              15332     49xx*   137xx*   34038    0.   -25.A   25.A    0.
    Arkansas              5998    15443    12662    34103    0.     0.     0.     0.
    Louisiana             7502    12006    15614    35122    0.     0.     0.     0.
    Mississippi           6937    16xxx*    5xxx*   28363    0.    69.A  -69.A    0.
    New Mexico           22103    13386    25184    60673    0.     0.     0.     0.
    Texas                11889     19xx*    70xx*   20849    0.   -44.A   44.A    0.
PAD District IV          51300    46380    68593   166273    0.     0.     0.     0.
    Colorado             12208    14668    23449    50325    0.     0.     0.     0.
    Idaho                73xx*    13xxx*    9736    305xx*  31.A  -66.A    0.   -35.A
    Montana               6xxx*    87xx*   219xx*   37493  -60.A   13.A   47.A    0.
    Utah                136xx*     18xx*   10792    263xx*  29.A  -38.A    0.    -9.A
    Wyoming              11330     7xxx*    26xx*   216xx*   0.    91.A  -47.A   44.A
PAD District V           67378    82344    59277   208999    0.     0.     0.     0.
    Alaska                6958    14946    13423    35327    0.     0.     0.     0.
    Arizona               4424      828     2582     7834    0.     0.     0.     0.
    California           12565     77xx*   112xx*   31520    0.    10.A  -10.A    0.
    Hawaii               13897     8334     9017    31248    0.     0.     0.     0.
    Nevada                5474    143xx*    83xx*   28117    0.   -10.A   10.A    0.
    Oregon                7623    32853     8208    48684    0.     0.     0.     0.
    Washington           16437     3354     6478    26269    0.     0.     0.     0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .010%
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CTA Based Table 01 [ TARGET LARGE CELLS ]      REGULAR


                        DTW    RACK    BULK    TOTAL   < ---- Adjustments ---->
United States         188538  218584  169960  577082  -130.A 113.A -61.A -78.A
PAD District I         64617   73063   65477  203157    -8.A  69.A-143.A -82.A
  Subdistrict IA       25306   28788   16952   71046    -8.A   8.A   0.    0.
    Connecticut         6258    1494    1700    9452     0.    0.    0.    0.
    Maine               3936    4719    4429   13084     0.    0.    0.    0.
    Massachusetts       1xx*    3848       0    4012    -8.w   8.A   0.    0.
    New Hampshire       7879       0    3188   11067     0.    0.    0.    0.
    Rhode Island        1748    6224    3976   11948     0.    0.    0.    0.
    Vermont             5321   12503    3659   21483     0.    0.    0.    0.
  Subdistrict IB       19417   16541   22274   58232     0.   48.A -61.A -13.A
    Delaware            6978   24xx*    4272   13698     0.   48.A   0.   48.A
    District of Columbia 2253   5070   11338   18661     0.    0.    0.    0.
    Maryland            3311    1836    1xxx*   6166     0.    0.  -60.w -60.A
    New Jersey          6875       0     144    7019     0.    0.    0.    0.
    New York               0     648    7xx*   13xx*     0.    0.  -39.w -39.A
    Pennsylvania           0    6539    4756   11295     0.    0.   38.A  38.A
  Subdistrict IC       19894   27734   26251   73879     0.   13.A -82.A -69.A
    Florida                0   10857    1830   12687     0.    0.  -17.A -17.A
    Georgia             9961       0       0    9961     0.    0.    0.    0.
    North Carolina      2268    7239    8399   17906     0.   13.A -65.A -52.A
    South Carolina      1195    5887    7582   14664     0.    0.    0.    0.
    Virginia            3560       0    3625    7185     0.    0.    0.    0.
    West Virginia       2910    3751    4815   11476     0.    0.    0.    0.
PAD District II        76103   62147   54922  193172   -71.A   0.  126.A  55.A
    Illinois            4128       0       0    4128     0.    0.    0.    0.
    Indiana             4599       0    3860    8459   -14.A   0.   14.A   0.
    Iowa                1149    4196    4216    9561     0.    0.    0.    0.
    Kansas             11939   10330    2xxx*  24329   -57.A   0.  112.A  55.A
    Kentucky            5826    2787    6523   15136     0.    0.    0.    0.
    Michigan            2022       0    6668    8690     0.    0.    0.    0.
    Minnesota           6400    3694    1332   11426     0.    0.    0.    0.
    Missouri            5915   10385    3934   20234     0.    0.    0.    0.
    Nebraska            2652    7667     942   11261     0.    0.    0.    0.
    North Dakota        4671    8286       0   12957     0.    0.    0.    0.
    Ohio                7197       0    3477   10674     0.    0.    0.    0.
    Oklahoma            4030    1864    4339   10233     0.    0.    0.    0.
    South Dakota          24   11013    5526   16563     0.    0.    0.    0.
    Tennessee           2242     645    8325   11212     0.    0.    0.    0.
    Wisconsin          13309    1280    3720   18309     0.    0.    0.    0.
PAD District III       15248   23707   26417   65372     0.  -19.A   0.  -19.A
    Alabama             3504    2xx*    2856    6644     0.   25.w   0.   25.A
    Arkansas            1598    5628    6358   13584     0.    0.    0.    0.
    Louisiana              0    3088    4667    7755     0.    0.    0.    0.
    Mississippi          666    8925    2980   12571     0.    0.    0.    0.
    New Mexico          8410    4928    6696   20034     0.    0.    0.    0.
    Texas               1070    8xx*    2860    4784     0.  -44.w   0.  -44.A
PAD District IV        13510   23244    8435   45189   -51.A 132.A -44.A  37.A
    Colorado               0    8772    5637   14409     0.    0.    0.    0.
    Idaho                925    1xxx*   8xx*   2xxx*     0.   94.w -44.w  50.A
    Montana             xxx*    7358       0    7821   -51.w   0.    0.  -51.A
    Utah                5676    4xx*       0    6096     0.   38.w   0.   38.A
    Wyoming             6446    5660    1952   14058     0.    0.    0.    0.
PAD District V         19060   36423   14709   70192     0.  -69.A   0.  -69.A
    Alaska                 0    7948    4300   12248     0.    0.    0.    0.
    Arizona             2721     828    2189    5738     0.    0.    0.    0.
    California          3792    3xxx*   2251    9702     0.  -69.A   0.  -69.A
    Hawaii              1038    6141     327    7506     0.    0.    0.    0.
    Nevada              2555    3522       0    6077     0.    0.    0.    0.
    Oregon                 0   14325    3040   17365     0.    0.    0.    0.
    Washington          8954       0    2602   11556     0.    0.    0.    0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%
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CTA Based Table 01 [ TARGET LARGE CELLS ]      MID-GRADE

                         DTW     RACK     BULK    TOTAL   < ---- Adjustments ---->
United States          234050   170444   210062   614556   -49.A   23.A  121.A   95.A
PAD District I          68957    60050    45775   174782   -49.A  -28.A  100.A   23.A
  Subdistrict IA        22942    19665    17765    60372   -84.A   17.A    0.   -67.A
    Connecticut          3672    10737     1551    15960     0.     0.     0.     0.
    Maine                9886     2113     7014    19013     0.     0.     0.     0.
    Massachusetts       1xxx*     3422        0    5xxx*   -84.w   17.A    0.   -67.A
    New Hampshire        1456     1743     8119    11318     0.     0.     0.     0.
    Rhode Island         5604      755        0     6359     0.     0.     0.     0.
    Vermont               710      895     1081     2686     0.     0.     0.     0.
  Subdistrict IB        33509    14546    12621    60676     0.    -32.A   18.A  -14.A
    Delaware             1386        0     3617     5003     0.     0.     0.     0.
    District of Columbia 7460     4758        0    12218     0.     0.     0.     0.
    Maryland                0     3902     4408     8310     0.     0.     18.A   18.A
    New Jersey           4795      375      440     5610     0.     0.     0.     0.
    New York             6434    20xx*      705     9170     0.    -32.p    0.   -32.A
    Pennsylvania        13434     3480     3451    20365     0.     0.     0.     0.
  Subdistrict IC        12506    25839    15389    53734    35.A  -13.A   82.A  104.A
    Florida              3200     5264    1xxx*     9547     0.     0.     82.w   82.A
    Georgia                 0     2122     2661     4783     0.     0.     0.     0.
    North Carolina       7xx*     2xx*        0    10xx*    35.w  -13.w    0.    22.A
    South Carolina        345    14094        0    14439     0.     0.     0.     0.
    Virginia             4853     1724     8333    14910     0.     0.     0.     0.
    West Virginia        3359     2376     3312     9047     0.     0.     0.     0.
PAD District II         74914    67833    78629   221376     1.A  101.A  -30.A   72.A
    Illinois             3xx*    14160     3750    18241    15.w  -14.A    0.     1.A
    Indiana              xxx*    14060     1905    16721   -83.w    0.     0.   -83.A
    Iowa                 3319     4704    12645    20668     0.     0.     0.     0.
    Kansas              1xxx*     7794    5xx*      9829    69.w    0.    -30.w   39.A
    Kentucky             3364     xxx*     7962    11999     0.    61.w     0.    61.A
    Michigan             9941    1xxx*        0    11075     0.    54.w     0.    54.A
    Minnesota            6756     3833    22520    33109     0.     0.     0.     0.
    Missouri             5075     1769     3330    10174     0.     0.     0.     0.
    Nebraska            16463     1526     4481    22470     0.     0.     0.     0.
    North Dakota         5772     5558     8154    19484     0.     0.     0.     0.
    Ohio                10728     6112     5048    21888     0.     0.     0.     0.
    Oklahoma             1480     3090     3276     7846     0.     0.     0.     0.
    South Dakota            0     1153     4227     5380     0.     0.     0.     0.
    Tennessee               0     1448      543     1991     0.     0.     0.     0.
    Wisconsin            9470      819      212    10501     0.     0.     0.     0.
PAD District III        33192    13706    35907    82805     0.     0.     18.A   18.A
    Alabama              9144       75     9977    19196     0.     0.     0.     0.
    Arkansas                0        0     1448     1448     0.     0.     0.     0.
    Louisiana            5772     3596     9854    19222     0.     0.     57.A   57.A
    Mississippi          5261     6399     2330    13990     0.     0.     0.     0.
    New Mexico           8475     3636    10033    22144     0.     0.     0.     0.
    Texas                4540        0    22xx*     6805     0.     0.    -39.A  -39.A
PAD District IV         26384    13743    33868    73995     0.    -50.A   44.A   -6.A
    Colorado             9457     4440     8352    22249     0.     0.     0.     0.
    Idaho                6351     9303     8890    24544     0.    -50.A   44.A   -6.A
    Montana              6344        0    11850    18194     0.     0.     0.     0.
    Utah                 4232        0     4776     9008     0.     0.     0.     0.
    Wyoming                 0        0        0        0     0.     0.     0.     0.
PAD District V          30603    15112    15883    61598    -1.A    0.    -11.A  -12.A
    Alaska               6939        0     3871    10810     0.     0.     0.     0.
    Arizona               583        0      363      946     0.     0.     0.     0.
    California           5734     3083     6579    15396     0.     0.     0.     0.
    Hawaii               9125      147     2664    11936     2.A    0.     0.     2.A
    Nevada              5xx*      2606    20xx*     5201   -29.w    0.     29.A    0.
    Oregon               4611     6009        0    10620    26.A    0.     0.    26.A
    Washington           3058     3267    3xx*      6689     0.     0.    -40.w  -40.A
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%
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CTA Based Table 01 [ TARGET LARGE CELLS ]      PREMIUM

                          DTW     RACK     BULK    TOTAL   < ---- Adjustments ---->
United States           169269   166577   193591   529437   147.A-236.A  72.A -17.A
PAD District I           69949    54183    57893   182025    49.A -16.A  81.A 114.A
   Subdistrict IA        28959    16615    24200    69774    84.A    0.    0.   84.A
      Connecticut         6821     1550     5602    13973     0.     0.    0.    0.
      Maine               6874        0     4584    11458     0.     0.    0.    0.
      Massachusetts      2xxx*     4280     4116    10631    84.A    0.    0.   84.A
      New Hampshire       7900     5311     2128    15339     0.     0.    0.    0.
      Rhode Island        3065     5474     2588    11127     0.     0.    0.    0.
      Vermont             2064        0     5182     7246     0.     0.    0.    0.
   Subdistrict IB        21910    12087    17705    51702     0.   -16.A  81.A  65.A
      Delaware            6632      804     3168    10604     0.     0.    0.    0.
      District of Columbia 4860    1540     4012    10412     0.     0.    0.    0.
      Maryland               0     8xx*    10xx*     1848     0.   -42.w  42.A   0.
      New Jersey          7186      625     3832    11643     0.     0.    0.    0.
      New York            3232     6354     4779    14365     0.    26.A  39.A  65.A
      Pennsylvania           0     1954      876     2830     0.     0.    0.    0.
   Subdistrict IC        19080    25481    15988    60549   -35.A    0.    0.  -35.A
      Florida             3520     5429    1xxx*    10455     0.     0.  -65.A -65.A
      Georgia             8613     2355     6603    17571     0.     0.    0.    0.
      North Carolina     10xx*        0    1xxx*    24xx*   -35.A    0.   65.w  30.A
      South Carolina         0    11093        0    11093     0.     0.    0.    0.
      Virginia            2480     4088        0     6568     0.     0.    0.    0.
      West Virginia       3376     2516     6508    12400     0.     0.    0.    0.
PAD District II          48929    45768    63529   158226    97.A-114.A -82.A -99.A
      Illinois            4053    1xxx*    11969    17162     0.   -60.w   0.  -60.A
      Indiana            2xxx*        0        0    2xxx*    97.w    0.    0.   97.w
      Iowa                 412     5898     3872    10182     0.     0.    0.    0.
      Kansas              3393        0    1xxx*    4xxx*     0.     0.  -82.w -82.A
      Kentucky               0     2984     4635     7619     0.     0.    0.    0.
      Michigan               0    1xxx*     3830     5681     0.   -54.A   0.  -54.A
      Minnesota           8071     5144     2368    15583     0.     0.    0.    0.
      Missouri            4555       20        0     4575     0.     0.    0.    0.
      Nebraska            6310     5357    12187    23854     0.     0.    0.    0.
      North Dakota           0     8633        0     8633     0.     0.    0.    0.
      Ohio                6693     4371     6707    17771     0.     0.    0.    0.
      Oklahoma           11318     3617     2664    17599     0.     0.    0.    0.
      South Dakota           0      504     6908     7412     0.     0.    0.    0.
      Tennessee              0     2235     4466     6701     0.     0.    0.    0.
      Wisconsin           2077     4014     2373     8464     0.     0.    0.    0.
PAD District III         21321    26492    17165    64978     0.   -25.A  33.A   8.A
      Alabama             2684     4649      865     8198     0.   -25.A   0.  -25.A
      Arkansas            4400     9815     4856    19071     0.     0.    0.    0.
      Louisiana           1730     5322    1xxx*     8145     0.     0.  -57.w -57.A
      Mississippi         1010      792        0     1802     0.     0.    0.    0.
      New Mexico          5218     4822     8455    18495     0.     0.    0.    0.
      Texas               6279     1092    1xxx*     9267     0.     0.   90.w  90.A
PAD District IV          11355    9xxx*    26290    46960     0.  -160.A   0. -160.A
      Colorado            2751     1456     9460    13667     0.     0.    0.    0.
      Idaho                  0     3260        0     3260     0.     0.    0.    0.
      Montana                0    1xxx*    10045    11358     0.   -69.w   0.  -69.A
      Utah                3720     1539     6016    11275     0.     0.    0.    0.
      Wyoming             4884    1xxx*      769    7xxx*     0.   -91.w   0.  -91.A
PAD District V           17715    30819    28714    77248     1.A   79.A  40.A 120.A
      Alaska               3x*     6998     5252    12270     1.w    0.    0.    1.A
      Arizona             1120        0       30     1150     0.     0.    0.    0.
      California          3039     xxx*     2412    6xxx*     0.    79.w   0.   79.A
      Hawaii              3736     2046     6026    11808     0.     0.    0.    0.
      Nevada              2337     8188     6314    16839     0.     0.    0.    0.
      Oregon              3038    12519     5168    20725     0.     0.    0.    0.
      Washington          4425       87    35xx*     8024     0.     0.   40.A  40.A
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%
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CTA Based Table 01 [ TARGET LARGE CELLS ]      ALL GRADE

                         DTW      RACK     BULK     TOTAL   < ---- Adjustments ---->
United States          591857   555605   573613  1721075   -32.A-100.A 132.A    0.
PAD District I         203523   187296   169145   559964    -8.A   25.A   38.A   55.A
   Subdistrict IA       77207    65068    58917   201192    -8.A   25.A    0.    17.A
      Connecticut       16751    13781     8853    39385     0.     0.     0.     0.
      Maine             20696     6832    16027    43555     0.     0.     0.     0.
      Massachusetts      4013    11550     4116    19679    -8.A   25.A    0.    17.A
      New Hampshire     17235     7054    13435    37724     0.     0.     0.     0.
      Rhode Island      10417    12453     6564    29434     0.     0.     0.     0.
      Vermont            8095    13398     9922    31415     0.     0.     0.     0.
   Subdistrict IB       74836    43174    52600   170610     0.     0.    38.A   38.A
      Delaware          14996    32xx*    11057    29305     0.    48.A    0.    48.A
      District of Columbia 14573  11368   15350    41291     0.     0.     0.     0.
      Maryland           3311     6548     6465    16324     0.   -42.A    0.   -42.A
      New Jersey        18856     1000     4416    24272     0.     0.     0.     0.
      New York           9666     9033     6229    24928     0.    -6.A    0.    -6.A
      Pennsylvania      13434    11973     9083    34490     0.     0.    38.A   38.A
   Subdistrict IC       51480    79054    57628   188162     0.     0.     0.     0.
      Florida            6720    21550     4419    32689     0.     0.     0.     0.
      Georgia           18574     4477     9264    32315     0.     0.     0.     0.
      North Carolina     4108     7498     9770    21376     0.     0.     0.     0.
      South Carolina     1540    31074     7582    40196     0.     0.     0.     0.
      Virginia          10893     5812    11958    28663     0.     0.     0.     0.
      West Virginia      9645     8643    14635    32923     0.     0.     0.     0.
PAD District II        199946   175748   197080   572774    27.A  -13.A   14.A   28.A
      Illinois           8512    15300    15719    39531    15.A  -74.A    0.   -59.A
      Indiana            7402    14060     5765    27227     0.     0.    14.A   14.A
      Iowa               4880    14798    20733    40411     0.     0.     0.     0.
      Kansas            16791    18124     4186    39101    12.A    0.     0.    12.A
      Kentucky           9190     6444    19120    34754     0.    61.A    0.    61.A
      Michigan          11963     2985    10498    25446     0.     0.     0.     0.
      Minnesota         21227    12671    26220    60118     0.     0.     0.     0.
      Missouri          15545    12174     7264    34983     0.     0.     0.     0.
      Nebraska          25425    14550    17610    57585     0.     0.     0.     0.
      North Dakota      10443    22477     8154    41074     0.     0.     0.     0.
      Ohio              24618    10483    15232    50333     0.     0.     0.     0.
      Oklahoma          16828     8571    10279    35678     0.     0.     0.     0.
      South Dakota         24    12670    16661    29355     0.     0.     0.     0.
      Tennessee          2242     4328    13334    19904     0.     0.     0.     0.
      Wisconsin         24856     6113     6305    37274     0.     0.     0.     0.
PAD District III       69761    63905    79489   213155     0.   -44.A   51.A    7.A
      Alabama           15332     5008    13698    34038     0.     0.     0.     0.
      Arkansas           5998    15443    12662    34103     0.     0.     0.     0.
      Louisiana          7502    12006    15614    35122     0.     0.     0.     0.
      Mississippi        6937    16116     5310    28363     0.     0.     0.     0.
      New Mexico        22103    13386    25184    60673     0.     0.     0.     0.
      Texas             11889    19xx*     7021    20856     0.   -44.A   51.A    7.A
PAD District IV        51249    46302    68593   166144   -51.A  -78.A    0.  -129.A
      Colorado          12208    14668    23449    50325     0.     0.     0.     0.
      Idaho              7276    13597     9736    30609     0.    44.A    0.    44.A
      Montana            6807     8671    21895    37373   -51.A  -69.A    0.  -120.A
      Utah              13628    19xx*    10792    26379     0.    38.A    0.    38.A
      Wyoming           11330    7xxx*     2721    21458     0.   -91.A    0.   -91.A
PAD District V         67378    82354    59306   209038     0.    10.A   29.A   39.A
      Alaska             6959    14946    13423    35328     1.A    0.     0.     1.A
      Arizona            4424      828     2582     7834     0.     0.     0.     0.
      California        12565     7723    11242    31530     0.    10.A    0.    10.A
      Hawaii            13899     8334     9017    31250     2.A    0.     0.     2.A
      Nevada             5445    14316     8356    28117   -29.A    0.    29.A    0.
      Oregon             7649    32853     8208    48710    26.A    0.     0.    26.A
      Washington        16437     3354     6478    26269     0.     0.     0.     0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%
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CTA Based Table 02 [ TARGET LARGE CELLS ]        CONVEN

                         DTW     RACK     BULK    TOTAL   < ---- Adjustments ---->
United States          233297   200224   189261   622782  -175.A-286.A -20.A-481.A
PAD District I          68177    69984    55889   194050   -21.A-107.A  45.A -83.A
   Subdistrict IA       18833    32409    16089    67331     0.  -77.A  45.A -32.A
      Connecticut        5274     6611     4129    16014     0.    0.    0.    0.
      Maine              1672     3008        0     4680     0.    0.    0.    0.
      Massachusetts      2010     6548        0     8558     0.    0.    0.    0.
      New Hampshire      6069      3xx*    2232     8657     0.  -18.w   0.  -18.A
      Rhode Island       3808     9447     2815    16070     0.  -59.A   0.  -59.A
      Vermont               0     6439     6913    13352     0.    0.   45.A  45.A
   Subdistrict IB       24411     9924    20109    54444     0.  -26.A   0.  -26.A
      Delaware           2184      18xx*   1804     5808     0.  -20.A   0.  -20.A
      District of Columbia 3892      0     7340    11232     0.    0.    0.    0.
      Maryland              0     5738     1941     7679     0.    0.    0.    0.
      New Jersey         5261      625        0     5886     0.    0.    0.    0.
      New York           3705       xx*    4780     8546     0.   -6.w   0.   -6.A
      Pennsylvania       9369     1680     4244    15293     0.    0.    0.    0.
   Subdistrict IC       24933    27651    19691    72275   -21.A   -4.A   0.  -25.A
      Florida            5865    12510     1613    19988     0.    0.    0.    0.
      Georgia           10468      2xxx*   6223    18725    25.A  -88.A   0.  -63.A
      North Carolina      8xx*     xxx*    4633     6446   -46.w   84.w   0.   38.A
      South Carolina        0     9802        0     9802     0.    0.    0.    0.
      Virginia           4216        0     2486     6702     0.    0.    0.    0.
      West Virginia      3500     2376     4736    10612     0.    0.    0.    0.
PAD District II         81823    63183    73216   218222    14.A  -29.A  14.A   -1.A
   Illinois              7255     5456     2975    15686    15.A    0.    0.   15.A
   Indiana               1xxx*    5561     1xxx*    8549   -64.w    0.   84.w  20.A
   Iowa                   596     5008    10282    15886     0.    0.    0.    0.
   Kansas                2756     5844     3xxx*   11662     0.    0.  -68.A -68.A
   Kentucky                 0      xxx*    9280     9953     0.   61.w    0.   61.A
   Michigan              4351     1xxx*    8260    14321     0.  -90.w    0.  -90.A
   Minnesota            11902     2428    17184    31514     0.    0.    0.    0.
   Missouri              9693     3750        0    13443     0.    0.    0.    0.
   Nebraska             14640     3233     8340    26213     0.    0.    0.    0.
   North Dakota          1xxx*   13743     1140    16222    63.w    0.    0.   63.A
   Ohio                 10999     6112     5141    22252     0.    0.    0.    0.
   Oklahoma              3732     4214     3550    11496     0.    0.    0.    0.
   South Dakota             0     1153      3x*     1191     0.    0.   -2.w  -2.A
   Tennessee                0     1055      510     1565     0.    0.    0.    0.
   Wisconsin            13336     3243     1690    18269     0.    0.    0.    0.
PAD District III        32838    31206    23073    87117     1.A    0.  -66.A -65.A
   Alabama              15332      334     5273    20939     0.    0.    0.    0.
   Arkansas              4369     8042     2881    15292     1.A    0.    0.    1.A
   Louisiana                0     4994     5895    10889     0.    0.    0.    0.
   Mississippi           2571    11737     1xxx*   15568     0.    0.  -66.w -66.A
   New Mexico            7810     6099     3972    17881     0.    0.    0.    0.
   Texas                 2756        0     3792     6548     0.    0.    0.    0.
PAD District IV         13722    10xxx*   19060    42803   -51.A-160.A   0.  -211.A
   Colorado              4240     3951     7876    16067     0.    0.    0.    0.
   Idaho                 5578     3010        0     8588     0.    0.    0.    0.
   Montana                xxx*    1xxx*    6680     8xxx*  -51.w  -69.w   0.  -120.A
   Utah                  1398        0     2552     3950     0.    0.    0.    0.
   Wyoming               2043     1xxx*    1952     5xxx*    0.  -91.w    0.  -91.A
PAD District V          36737    25830    18023    80590  -118.A   10.A -13.A-121.A
   Alaska                2205     4240     8388    14833     0.    0.    0.    0.
   Arizona               1367        0        0     1367     0.    0.    0.    0.
   California            4592     1xx*        0     4709     0.   10.w    0.   10.A
   Hawaii               11231     6288     3482    21001     0.    0.    0.    0.
   Nevada                2483     8397     5391    16271     0.    0.  -13.A -13.A
   Oregon                4xxx*    6788        0    11xxx* -118.A    0.    0.  -118.A
   Washington           10252        0      762    11014     0.    0.    0.    0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%
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CTA Based Table 02 [ TARGET LARGE CELLS ]        OXYGEN

                           DTW      RACK      BULK     TOTAL   < ---- Adjustments ---->
United States            186070    157478    176279    519827    161.A   72.A  227.A  460.A
PAD District I            62726     59813     51652    174191     13.A   12.A   86.A  111.A
   Subdistrict IA         36171     20778     21059     78008     -8.A   96.A  -53.A   35.A
      Connecticut          5530      5886      1644     13060      0.     0.     0.     0.
      Maine               12772      1478      3159     17409      0.     0.     0.     0.
      Massachusetts         1xx*     1xxx*     2xxx*     4809     -8.w   78.w  -53.A   17.A
      New Hampshire        6448      4462      7408     18318      0.    18.A    0.    18.A
      Rhode Island         6609      2354      3749     12712      0.     0.     0.     0.
      Vermont              4648      4948      2104     11700      0.     0.     0.     0.
   Subdistrict IB         16120     12775     12577     41472      0.     0.    38.A   38.A
      Delaware             5396         0      5313     10709      0.     0.     0.     0.
      District of Columbia 5118      2725       940      8783      0.     0.     0.     0.
      Maryland                0         0       932       932      0.     0.     0.     0.
      New Jersey           3737         0      3832      7569      0.     0.     0.     0.
      New York             1869      2124       744      4737      0.     0.     0.     0.
      Pennsylvania            0      7926       8xx*     8742      0.     0.    38.w   38.A
   Subdistrict IC         10435     26260     18016     54711     21.A  -84.A  101.A   38.A
      Florida               855      3469       959      5283      0.     0.     0.     0.
      Georgia              2965      1472       852      5289      0.     0.     0.     0.
      North Carolina        974      6xxx*     3325     10868      0.   -84.A    0.   -84.A
      South Carolina       1540      8716      2862     13118      0.     0.     0.     0.
      Virginia             3869      3724       1xxx*    8666      0.     0.    51.w   51.A
      West Virginia         2xx*     2310      8945     11487     21.w    0.    50.A   71.A
PAD District II           70993     41653     63860    176506     90.A   16.A  -43.A   63.A
      Illinois             1257       xxx*     8994     10925      0.   -74.w    0.   -74.A
      Indiana              2xxx*     7304      4xxx*    14258     64.A    0.   -70.A   -6.A
      Iowa                 2113      4459      5890     12462      0.     0.     0.     0.
      Kansas               2976      5421       xxx*     9285      0.     0.    80.w   80.A
      Kentucky             9190      2142      3821     15153      0.     0.     0.     0.
      Michigan             6538      1xxx*        0      7xxx*     0.    90.A    0.    90.A
      Minnesota            4295      2781      4650     11726      0.     0.     0.     0.
      Missouri             4878      2965      3712     11555      0.     0.     0.     0.
      Nebraska             6235      2974      6418     15627      0.     0.     0.     0.
      North Dakota         2264      3856      3832      9952      0.     0.     0.     0.
      Ohio                 9932      1821      8186     19939      0.     0.     0.     0.
      Oklahoma            10858      2493      3276     16627      0.     0.     0.     0.
      South Dakota            0      2040      4950      6990      0.     0.     0.     0.
      Tennessee             5xx*     1448      4233      6237     26.w    0.     0.    26.A
      Wisconsin            6948         0      1xxx*     7957      0.     0.   -53.w  -53.A
PAD District III          10582     14268     24944     49794      0.     0.   142.A  142.A
      Alabama                 0         0      7556      7556      0.     0.     0.     0.
      Arkansas              928      2520      5697      9145      0.     0.     0.     0.
      Louisiana               0      6205      4003     10208      0.     0.     0.     0.
      Mississippi          2233         0      2xxx*     4xxx*     0.     0.   144.A  144.A
      New Mexico           7421      4451      5082     16954      0.     0.     0.     0.
      Texas                   0      1092       3x*      1130      0.     0.    -2.w   -2.A
PAD District IV           20750     15105     17089     52944      0.    44.A    0.    44.A
      Colorado                0      7132         0      7132      0.     0.     0.     0.
      Idaho                1698       9xx*     6724      9358      0.    44.w    0.    44.A
      Montana               362      5498      6898     12758      0.     0.     0.     0.
      Utah                12230      1539      3467     17236      0.     0.     0.     0.
      Wyoming              6460         0         0      6460      0.     0.     0.     0.
PAD District V            21019     26639     18734     66392     58.A    0.    42.A  100.A
      Alaska               4734      2844      3595     11173      0.     0.     0.     0.
      Arizona              2353         0      1433      3786      0.     0.     0.     0.
      California           3836      1863      5099     10798      0.     0.     0.     0.
      Hawaii               2614         0      2544      5158      0.     0.     0.     0.
      Nevada               2962      4707       4xx*     8134    -29.A    0.    42.w   13.A
      Oregon               1xxx*    17225      3040     22094     87.w    0.     0.    87.A
      Washington           2691         0      2558      5249      0.     0.     0.     0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%
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CTA Based Table 02 [TARGET LARGE CELLS]   REFORM

	DTW	RACK	BULK	TOTAL	< ---- Adjustments ---->			
United States	172490	197903	208073	578466	-18.A	114.A	-75.A	21.A
PAD District I	72620	57499	61604	191723	0.	120.A	-93.A	27.A
Subdistrict IA	22203	11881	21769	55853	0.	6.A	8.A	14.A
Connecticut	5947	1284	3080	10311	0.	0.	0.	0.
Maine	6252	2346	12868	21466	0.	0.	0.	0.
Massachusetts	1839	3xxx*	1xxx*	6312	0.	-53.A	53.w	0.
New Hampshire	4718	2236	3795	10749	0.	0.	0.	0.
Rhode Island	0	xxx*	0	xxx*	0.	59.w	0.	59.w
Vermont	3447	2011	9xx*	6363	0.	0.	-45.p	-45.A
Subdistrict IB	34305	20475	19914	74694	0.	26.A	0.	26.A
Delaware	7416	1xxx*	3940	12788	0.	68.w	0.	68.A
District of Columbia	5563	8643	7070	21276	0.	0.	0.	0.
Maryland	3311	8xx*	3592	7713	0.	-42.w	0.	-42.A
New Jersey	9858	375	584	10817	0.	0.	0.	0.
New York	4092	6848	705	11645	0.	0.	0.	0.
Pennsylvania	4065	2367	4023	10455	0.	0.	0.	0.
Subdistrict IC	16112	25143	19921	61176	0.	88.A	-101.A	-13.A
Florida	0	5571	1847	7418	0.	0.	0.	0.
Georgia	5141	xxx*	2189	8301	-25.A	88.w	0.	63.A
North Carolina	22xx*	0	1812	40xx*	46.A	0.	0.	46.A
South Carolina	0	12556	4720	17276	0.	0.	0.	0.
Virginia	2808	2088	8399	13295	0.	0.	-51.A	-51.A
West Virginia	5913	3957	xxx*	10824	-21.A	0.	-50.w	-71.A
PAD District II	47130	70912	60004	178046	-77.A	0.	43.A	-34.A
Illinois	0	9170	3750	12920	0.	0.	0.	0.
Indiana	3225	1195	0	4420	0.	0.	0.	0.
Iowa	2171	5331	4561	12063	0.	0.	0.	0.
Kansas	11059	6859	2xx*	18154	12.A	0.	-12.w	0.
Kentucky	0	3629	6019	9648	0.	0.	0.	0.
Michigan	1074	0	2238	3312	0.	0.	0.	0.
Minnesota	5030	7462	4386	16878	0.	0.	0.	0.
Missouri	974	5459	3552	9985	0.	0.	0.	0.
Nebraska	4550	8343	2852	15745	0.	0.	0.	0.
North Dakota	6840	4878	3182	14900	-63.A	0.	0.	-63.A
Ohio	3687	2550	1905	8142	0.	0.	0.	0.
Oklahoma	2238	1864	3453	7555	0.	0.	0.	0.
South Dakota	24	9477	11673	21174	0.	0.	2.A	2.A
Tennessee	16xx*	1825	8591	12102	-26.A	0.	0.	-26.A
Wisconsin	4572	2870	3xxx*	11048	0.	0.	53.A	53.A
PAD District III	26341	18431	31472	76244	-1.A	-44.A	-25.A	-70.A
Alabama	0	4674	869	5543	0.	0.	0.	0.
Arkansas	701	4881	4084	9666	-1.p	0.	0.	-1.A
Louisiana	7502	807	5716	14025	0.	0.	0.	0.
Mississippi	2133	4379	1xxx*	7994	0.	0.	-78.w	-78.A
New Mexico	6872	2836	16130	25838	0.	0.	0.	0.
Texas	9133	8xx*	3xxx*	13178	0.	-44.w	53.A	9.A
PAD District IV	16777	21176	32444	70397	0.	38.A	0.	38.A
Colorado	7968	3585	15573	27126	0.	0.	0.	0.
Idaho	0	9651	3012	12663	0.	0.	0.	0.
Montana	5982	1860	8317	16159	0.	0.	0.	0.
Utah	0	4xx*	4773	5193	0.	38.w	0.	38.A
Wyoming	2827	5660	769	9256	0.	0.	0.	0.
PAD District V	9622	29885	22549	62056	60.A	0.	0.	60.A
Alaska	3x*	7862	1440	9322	1.w	0.	0.	1.A
Arizona	704	828	1149	2681	0.	0.	0.	0.
California	4137	5743	6143	16023	0.	0.	0.	0.
Hawaii	6x*	2046	2991	5091	2.w	0.	0.	2.A
Nevada	0	1212	2500	3712	0.	0.	0.	0.
Oregon	1xxx*	8840	5168	15221	57.w	0.	0.	57.A
Washington	3494	3354	3158	10006	0.	0.	0.	0.

* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%

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CTA Based Table 02 [ TARGET LARGE CELLS ]      ALL FORM

                          DTW      RACK     BULK     TOTAL   < ---- Adjustments ---->
United States           591857   555605   573613   1721075  -32.A-100.A 132.A    0.
PAD District I          203523   187296   169145    559964   -8.A  25.A  38.A   55.A
   Subdistrict IA        77207    65068    58917    201192   -8.A  25.A   0.    17.A
      Connecticut        16751    13781     8853     39385    0.    0.    0.     0.
      Maine              20696     6832    16027     43555    0.    0.    0.     0.
      Massachusetts       4013    11550     4116     19679   -8.A  25.A   0.    17.A
      New Hampshire      17235     7054    13435     37724    0.    0.    0.     0.
      Rhode Island       10417    12453     6564     29434    0.    0.    0.     0.
      Vermont             8095    13398     9922     31415    0.    0.    0.     0.
   Subdistrict IB        74836    43174    52600    170610    0.    0.   38.A   38.A
      Delaware           14996    32xx*    11057     29305    0.   48.A   0.    48.A
      District of Columbia 14573  11368    15350     41291    0.    0.    0.     0.
      Maryland            3311     6548     6465     16324    0.  -42.A   0.   -42.A
      New Jersey         18856     1000     4416     24272    0.    0.    0.     0.
      New York            9666     9033     6229     24928    0.   -6.A   0.    -6.A
      Pennsylvania       13434    11973     9083     34490    0.    0.   38.A   38.A
   Subdistrict IC        51480    79054    57628    188162    0.    0.    0.     0.
      Florida             6720    21550     4419     32689    0.    0.    0.     0.
      Georgia            18574     4477     9264     32315    0.    0.    0.     0.
      North Carolina      4108     7498     9770     21376    0.    0.    0.     0.
      South Carolina      1540    31074     7582     40196    0.    0.    0.     0.
      Virginia           10893     5812    11958     28663    0.    0.    0.     0.
      West Virginia       9645     8643    14635     32923    0.    0.    0.     0.
PAD District II         199946   175748   197080    572774   27.A -13.A  14.A   28.A
      Illinois            8512    15300    15719     39531   15.A -74.A   0.   -59.A
      Indiana             7402    14060     5765     27227    0.    0.   14.A   14.A
      Iowa                4880    14798    20733     40411    0.    0.    0.     0.
      Kansas             16791    18124     4186     39101   12.A   0.    0.    12.A
      Kentucky            9190     6444    19120     34754    0.   61.A   0.    61.A
      Michigan           11963     2985    10498     25446    0.    0.    0.     0.
      Minnesota          21227    12671    26220     60118    0.    0.    0.     0.
      Missouri           15545    12174     7264     34983    0.    0.    0.     0.
      Nebraska           25425    14550    17610     57585    0.    0.    0.     0.
      North Dakota       10443    22477     8154     41074    0.    0.    0.     0.
      Ohio               24618    10483    15232     50333    0.    0.    0.     0.
      Oklahoma           16828     8571    10279     35678    0.    0.    0.     0.
      South Dakota          24    12670    16661     29355    0.    0.    0.     0.
      Tennessee           2242     4328    13334     19904    0.    0.    0.     0.
      Wisconsin          24856     6113     6305     37274    0.    0.    0.     0.
PAD District III        69761    63905    79489    213155    0.  -44.A  51.A    7.A
      Alabama            15332     5008    13698     34038    0.    0.    0.     0.
      Arkansas            5998    15443    12662     34103    0.    0.    0.     0.
      Louisiana           7502    12006    15614     35122    0.    0.    0.     0.
      Mississippi         6937    16116     5310     28363    0.    0.    0.     0.
      New Mexico         22103    13386    25184     60673    0.    0.    0.     0.
      Texas              11889    19xx*     7021     20856    0.  -44.A  51.A    7.A
PAD District IV         51249    46302    68593    166144  -51.A -78.A   0.  -129.A
      Colorado           12208    14668    23449     50325    0.    0.    0.     0.
      Idaho               7276    13597     9736     30609    0.   44.A   0.    44.A
      Montana             6807     8671    21895     37373  -51.A -69.A   0.  -120.A
      Utah               13628    19xx*    10792     26379    0.   38.A   0.    38.A
      Wyoming            11330    7xxx*     2721     21458    0.  -91.A   0.   -91.A
PAD District V          67378    82354    59306    209038    0.   10.A  29.A   39.A
      Alaska              6959    14946    13423     35328    1.A   0.    0.     1.A
      Arizona             4424      828     2582      7834    0.    0.    0.     0.
      California         12565     7723    11242     31530    0.   10.A   0.    10.A
      Hawaii             13899     8334     9017     31250    2.A   0.    0.     2.A
      Nevada              5445    14316     8356     28117  -29.A   0.   29.A    0.
      Oregon              7649    32853     8208     48710   26.A   0.    0.    26.A
      Washington         16437     3354     6478     26269    0.    0.    0.     0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%
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Noise Based Table 01        REGULAR

                          DTW     RACK     BULK    TOTAL   < ---- Adjustments ---->
United States           188684   218113   169940   576738     16.  -357.   -81.  -422.
PAD District I           64769    72775    65673   203217    144.  -219.    53.   -22.
   Subdistrict IA        25xxx*   28895    16869    71345    267.   115.   -83.   300.
      Connecticut         6xxx*   15xx*    17xx*    9xxx*    161.    26.    35.   222.
      Maine               3xxx*    4xxx*    4xxx*   12xxx*  -150.    69.   -64.  -145.
      Massachusetts       1xx*     3xxx*       0    4xxx*      9.    65.     0.    74.
      New Hampshire       8xxx*       0     3xxx*   11145    159.     0.   -81.    78.
      Rhode Island        1xxx*    6xxx*    3xxx*   11xxx*    53.  -143.   -79.  -168.
      Vermont             5355    12600     3xxx*   21xxx*    34.    98.   106.   238.
   Subdistrict IB        19293    16442    22471    58207   -123.   -51.   137.   -38.
      Delaware            6xxx*    2380     42xx*   13xxx*  -133.   -19.   -47.  -200.
      District of Columbia 2xxx*   4xxx*    11251    18543    53.   -85.   -86.  -118.
      Maryland            3xxx*    18xx*    1xxx*    6xxx*   120.    46.   110.   275.
      New Jersey          6xxx*       0     13x*     6xxx*  -163.     0.    -5.  -168.
      New York               0     6xx*     8xx*    14xx*     0.   -22.    41.    19.
      Pennsylvania           0     6568     4xxx*   11xxx*     0.    30.   124.   154.
   Subdistrict IC        19894    27xxx*   26332    73664     0.  -283.    -1.  -284.
      Florida                0    10841     1861    12703     0.   -15.    15.    -1.
      Georgia             9868        0        0     9868   -93.     0.     0.   -93.
      North Carolina      2xxx*    7xxx*    8512    17xxx*   -94.  -205.    49.  -250.
      South Carolina      11xx*    5891     7xxx*   14xxx*   -25.     5.  -165.  -186.
      Virginia            3xxx*       0     3xxx*    7xxx*   187.     0.   112.   298.
      West Virginia       2936     3xxx*    4804    11424    26.   -68.   -10.   -52.
PAD District II          76161    61960    54774   192896   -12.  -186.   -22.  -220.
      Illinois            3xxx*       0        0    3xxx*  -154.     0.     0.  -154.
      Indiana             4xxx*       0     3xxx*    8412   -158.     0.   112.   -46.
      Iowa                1xxx*    42xx*    4xxx*    9499   -50.    49.   -60.   -62.
      Kansas             12057    10xxx*    19xx*   24470    62.   156.   -21.   197.
      Kentucky            5xxx*    2xxx*    6xxx*   15042   -106.   -61.    73.   -94.
      Michigan            1xxx*       0     6xxx*    8775   -73.     0.   158.    85.
      Minnesota           6xxx*    3xxx*    12xx*   11424   145.  -110.   -37.    -2.
      Missouri            6xxx*   10339     3920    20369   195.   -46.   -13.   136.
      Nebraska            2xxx*    7xxx*    9xx*    11161    80.  -148.   -32.  -100.
      North Dakota        4640     8304        0    12945   -30.    18.     0.   -12.
      Ohio                7xxx*       0     35xx*   10xxx*   101.     0.    40.   141.
      Oklahoma            39xx*    1xxx*    4xxx*   10156   -46.    52.   -82.   -76.
      South Dakota        2x*     10938     5xxx*   16xxx*    -1.   -75.   -94.  -170.
      Tennessee           2xxx*    6xx*     8xx*    11138    70.    14.  -157.   -73.
      Wisconsin          13261    12xx*    3xxx*    18317   -47.   -35.    91.     9.
PAD District III         15217    23959    26235    65413   -30.   233.  -181.    22.
      Alabama             3xxx*    2xx*     2xxx*    6xxx*    94.    26.    51.   171.
      Arkansas            1586     5671     6xxx*   13535   -11.    43.   -80.   -48.
      Louisiana              0     3109     4xxx*    7xxx*     0.    21.  -115.   -94.
      Mississippi         6xx*     9xxx*    3xxx*   12xxx*    23.   218.   155.   396.
      New Mexico          8xxx*    4xxx*    6xxx*   19xxx*  -158.  -121.  -111.  -389.
      Texas               11xx*    9xx*     2xxx*    4814    22.    46.   -81.   -14.
PAD District IV          13667    23244     8xxx*   45163   106.   133.  -228.    11.
      Colorado               0     8xxx*    5xxx*   14395     0.   116.  -129.   -13.
      Idaho               9xx*     xxx*     8xx*     2xxx*    19.  -100.   -49.  -131.
      Montana             xxx*     7381        0     7842   -53.    23.     0.   -30.
      Utah                5xxx*    4xx*        0     6xxx*    99.    39.     0.   138.
      Wyoming             6487     5714     19xx*   14104    41.    54.   -49.    46.
PAD District V           18xxx*   36173    15xxx*   70047   -192.  -318.   297.  -213.
      Alaska                 0     7911     4xxx*   12298     0.   -36.    87.    51.
      Arizona             2xxx*    7xx*     2xxx*    5694   -82.   -29.    67.   -44.
      California          3xxx*    3xxx*    2xxx*    9818    84.   -97.    61.    48.
      Hawaii              xxx*     6xxx*    3xx*     7xxx*   -76.   196.   -11.   108.
      Nevada              2573     3xxx*       0     6039    19.   -56.     0.   -37.
      Oregon                 0    14xxx*    3xxx*   17xxx*     0.  -297.    64.  -233.
      Washington          8xxx*       0     26xx*   11449   -136.     0.    30.  -106.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%
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Noise Based Table 01       MID-GRADE

                          DTW      RACK     BULK     TOTAL   < ---- Adjustments ---->
United States            235109   170549   209303   614963   1011.   129.  -638.   502.
PAD District I            68749    60341    45400   174491   -256.   263.  -274.  -267.
  Subdistrict IA          22993    19648    17702    60345    -32.     0.   -62.   -94.
    Connecticut           3xxx*   10xxx*     1562   16xxx*    106.   166.    11.   283.
    Maine                  9908     2xxx*    6xxx*   18xxx*     23.  -111.  -153.  -241.
    Massachusetts          1xxx*    3xxx*        0    4xxx*    -92.   -70.     0.  -163.
    New Hampshire          14xx*    17xx*     8183    11325    -38.   -19.    64.     7.
    Rhode Island           5587      7xx*        0     6358    -16.    16.     0.     0.
    Vermont                 6xx*     9xx*    11xx*     2705    -15.    18.    16.    20.
  Subdistrict IB          33xxx*   14716    12xxx*   60264   -346.   138.  -218.  -426.
    Delaware               14xx*        0    3xxx*     4997     49.     0.   -55.    -6.
    District of Columbia   7xxx*     4796        0    12131   -125.    39.     0.   -86.
    Maryland                   0     3xxx*    4xxx*     8310      0.    82.   -63.    19.
    New Jersey             4xxx*     3xx*     4xx*    5xxx*     67.     8.     9.    84.
    New York               6xxx*     2xxx*     7xx*     9159   -164.    97.    24.   -43.
    Pennsylvania          13xxx*     3xxx*    3xxx*   19xxx*   -173.   -87.  -133.  -393.
  Subdistrict IC          12592     25976    15313    53881    121.   124.     6.   252.
    Florida                3xxx*     5286     1xxx*    9xxx*     65.    22.    66.   153.
    Georgia                    0     2xxx*    2xxx*    4xxx*      0.    99.    54.   153.
    North Carolina          6xx*     2xx*        0     9xx*    -38.    14.     0.   -24.
    South Carolina          3xx*    13972        0    14329     12.  -122.     0.  -110.
    Virginia               4835      17xx*    8xxx*   14xxx*    -18.    48.  -197.  -167.
    West Virginia          3xxx*     2xxx*    3xxx*    9xxx*    101.    63.    84.   248.
PAD District II           75143    67433    78613   221189    230.  -299.   -45.  -114.
    Illinois                2xx*    13xxx*    3xxx*   17xxx*    -16.  -184.   -81.  -282.
    Indiana                 xxx*    13983     19xx*    16864     88.   -77.    49.    61.
    Iowa                   3xxx*     4xxx*    12xxx*   20787    129.   204.  -213.   120.
    Kansas                 1xxx*     7747     5xx*     9781     70.   -46.   -32.    -9.
    Kentucky               3xxx*      xxx*     8028    12025     84.   -64.    67.    88.
    Michigan               9924      1xxx*        0    10949    -16.   -55.     0.   -71.
    Minnesota              6xxx*     3839     22506    33290    187.     7.   -13.   181.
    Missouri               5066      1785     33xx*    10223     -9.    16.    41.    49.
    Nebraska              16413      1xxx*    4xxx*    22604    -50.    53.   131.   134.
    North Dakota           5xxx*     5xxx*     8177    19485   -101.    79.    23.     1.
    Ohio                  10xxx*     5xxx*     5090    21xxx*   -236.  -160.    43.  -353.
    Oklahoma               14xx*     31xx*    3xxx*    7xxx*    -30.    43.    85.    98.
    South Dakota               0     1xxx*    4xxx*    5xxx*      0.  -106.  -151.  -257.
    Tennessee                  0     14xx*      543    19xx*      0.   -38.     0.   -38.
    Wisconsin              9xxx*     8xx*     2xx*    10xxx*    129.    29.     5.   163.
PAD District III          33xxx*   13712    36186    83509    419.     7.   297.   723.
    Alabama                9078       7x*    10042    19195    -65.    -2.    66.    -1.
    Arkansas                   0        0    15xx*    15xx*      0.     0.    43.    43.
    Louisiana              5xxx*     3574     9880    19338    111.   -21.    84.   173.
    Mississippi            5302      6436     2xxx*   14xxx*     42.    38.    93.   172.
    New Mexico             8xxx*     3627     10127    22xxx*   238.    -8.    95.   325.
    Texas                  4xxx*        0     2xxx*     6854     93.     0.   -83.    10.
PAD District IV           26xxx*   13xxx*    33692    74367    321.   176.  -132.   366.
    Colorado               9xxx*     4xxx*    8xxx*    22xxx*   193.   118.   145.   456.
    Idaho                  6373      9411     8xxx*    24438     23.    59.  -192.  -111.
    Montana                6xxx*        0    11792    18235     99.     0.   -57.    42.
    Utah                   4239         0     4748     8987      7.     0.   -27.   -20.
    Wyoming                    0         0        0        0      0.     0.     0.     0.
PAD District V            30900    15093    15xxx*   61404    297.   -19.  -483.  -205.
    Alaska                 6972         0    3xxx*    10xxx*     33.     0.  -158.  -125.
    Arizona                 5xx*        0     3xx*     9xx*    -23.     0.   -13.   -36.
    California             5xxx*     3xxx*    6xxx*    15492    161.   100.  -165.    96.
    Hawaii                 9054      1xx*     2xxx*   11xxx*    -68.    -5.   -92.  -166.
    Nevada                  5xx*     2xxx*     2001    5xxx*    -31.   -52.   -12.   -94.
    Oregon                 4xxx*     6003         0    10686     99.    -6.     0.    93.
    Washington             3xxx*     3xxx*     3xx*     6755    125.   -56.   -43.    26.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%
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Noise Based Table 01        PREMIUM

                            DTW      RACK     BULK    TOTAL   < ---- Adjustments ---->
United States             169336   167462   194726   531525    215.  649. 1207. 2071.
PAD District I             70476    53938    58267   182682    576. -261.  455.  771.
   Subdistrict IA          29xxx*   16564    24xxx*   70383    338.  -50.  406.  694.
      Connecticut           7xxx*   15xx*     5639    14xxx*   216.  -46.   38.  207.
      Maine                 6922        0     4xxx*   11xxx*    48.    0.  156.  204.
      Massachusetts         2xxx*    4xxx*    4xxx*   10xxx*    84.  150.  132.  366.
      New Hampshire         7879     5xxx*    2xxx*   15208    -21.  -54.  -56. -130.
      Rhode Island          30xx*    5xxx*     2601   10xxx*   -44. -100.   14. -130.
      Vermont               2xxx*       0     5xxx*    7xxx*    55.    0.  121.  176.
   Subdistrict IB          22051    12156    17751    51959    141.   54.  128.  323.
      Delaware              6xxx*     8xx*    3xxx*   10647     75.   21.  -53.   43.
      District of Columbia  4xxx*    15xx*     3991   10438     78.  -31.  -20.   26.
      Maryland                 0      8xx*    10xx*     1846     0.  -43.   41.   -1.
      New Jersey            7xxx*     6xx*    3xxx*   11619    -94.   13.   57.  -24.
      New York              3xxx*    6xxx*    4xxx*   14xxx*    82.  114.  132.  328.
      Pennsylvania             0     19xx*     8xx*    27xx*     0.  -20.  -30.  -50.
   Subdistrict IC          19212    25xxx*   15909    60338     97. -264.  -78. -245.
      Florida               3546     5xxx*    16xx*   10525     26.  -69.   48.    5.
      Georgia               8xxx*    23xx*    6xxx*   17613    158.  -47.  -69.   42.
      North Carolina        1xxx*       0     1xxx*    2441    -60.    0.   69.    9.
      South Carolina           0    10xxx*       0    10xxx*     0. -112.    0. -112.
      Virginia              2xxx*     4100        0    6xxx*    64.   12.    0.   76.
      West Virginia         3xxx*    24xx*    6xxx*   12xxx*   -91.  -48. -126. -266.
PAD District II            4xxxx*   46xxx*   63810   158443   -556.  475.  200.  118.
      Illinois              3xxx*    1xxx*   11921    17138    -97.   62.  -48.  -83.
      Indiana               1xxx*       0        0    1xxx*  -102.    0.    0. -102.
      Iowa                   4xx*    6xxx*    3xxx*   10227     11.  115.  -81.   45.
      Kansas                3424        0     1631     5055     32.    0.   -1.   31.
      Kentucky                 0     2xxx*    4xxx*    7612      0.  -78.   72.   -6.
      Michigan                 0     2xxx*    3xxx*    5xxx*     0.   98.   79.  178.
      Minnesota             7xxx*     5160    2xxx*   15558   -103.   17.   61.  -25.
      Missouri              4565      1x*        0     4584     10.   -1.    0.   10.
      Nebraska              6xxx*    5xxx*   12xxx*   24058    -97.  118.  183.  204.
      North Dakota             0     8xxx*       0    8xxx*     0.  279.    0.  279.
      Ohio                  6xxx*     4361    6xxx*   17826   -158.  -10.  224.   56.
      Oklahoma             11335     3xxx*    2xxx*   17xxx*    18. -140.  -94. -216.
      South Dakota             0      5xx*     6905     7426     0.   17.   -3.   15.
      Tennessee                0      2232    4xxx*    6xxx*     0.   -3.  -94.  -97.
      Wisconsin             2xxx*     4013    2xxx*    8xxx*   -70.    0.  -99. -169.
PAD District III           21xxx*   26773    17144    65453    215.  256.   12.  483.
      Alabama               2xxx*    4xxx*     9xx*    8xxx*    68.   83.   31.  183.
      Arkansas              4xxx*    9xxx*     4836    19028    80. -103.  -20.  -43.
      Louisiana             17xx*    5xxx*    1xxx*    8xxx*    38.  188.  -59.  167.
      Mississippi           1xxx*     8xx*        0    1xxx*    66.   13.    0.   80.
      New Mexico            5xxx*    4xxx*     8421    18642    69.  112.  -34.  148.
      Texas                 6xxx*    10xx*    1xxx*     9126  -107.  -37.   93.  -51.
PAD District IV            11436     9xxx*   26xxx*   47574     82.   98.  275.  455.
      Colorado              28xx*    14xx*     9526    13749    41.  -25.   66.   82.
      Idaho                    0     3xxx*       0    3xxx*     0.   90.    0.   90.
      Montana                  0     1xxx*   10xxx*   11xxx*     0.   73.  153.  227.
      Utah                  3xxx*    1xxx*    6xxx*   11xxx*    78.   53.  118.  250.
      Wyoming               4846     1xxx*     xxx*    7xxx*   -38.  -93.  -63. -194.
PAD District V             17612    30821    28938    77371   -101.   81.  264.  244.
      Alaska                  3x*     6928     5xxx*   12xxx*    2.  -69.  -94. -162.
      Arizona               10xx*       0      2x*    11xx*    -34.    0.   -1.  -35.
      California            30xx*     xxx*    2xxx*    6xxx*    50.  -95.  123.   79.
      Hawaii                3xxx*    20xx*    6xxx*   11702   -142.  -36.   72. -106.
      Nevada                2xxx*     8189     6344    16950    79.    2.   30.  112.
      Oregon                2xxx*   12xxx*    5xxx*   20xxx*  -142.  276.   93.  227.
      Washington            4xxx*     9x*     35xx*    8xxx*    87.    3.   40.  130.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%
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Noise Based Table 01       ALL GRADE

                           DTW      RACK      BULK     TOTAL   < ---- Adjustments ---->
United States             593130    556125    573970   1723226    1242.    421.    489.   2152.
PAD District I            203995    187054    169341    560391     464.   -216.    234.    482.
   Subdistrict IA          77788     65108     59177    202074     573.     65.    261.    900.
      Connecticut          17xxx*    13xxx*     8936     4xxxx*     483.    146.     84.    713.
      Maine                20616      6790     15965     43372      -79.    -42.    -61.   -182.
      Massachusetts         4022     11xxx*     4xxx*    19xxx*       1.    144.    132.    278.
      New Hampshire        17335      6xxx*    13363     37679      101.    -73.    -72.    -45.
      Rhode Island         10410     12xxx*     6498     29xxx*      -7.   -226.    -65.   -298.
      Vermont               8169     13514     10xxx*    31xxx*      75.    116.    243.    434.
   Subdistrict IB          74507     43315     52608    170431     -328.    141.     46.   -141.
      Delaware             14986      3205     10xxx*    29095       -9.      2.   -155.   -162.
      District of Columbia 14579     11290     15243     41113        6.    -77.   -107.   -178.
      Maryland              3xxx*     6xxx*     6xxx*    16xxx*     120.     85.     88.    293.
      New Jersey           18xxx*    10xx*      4xxx*    24163     -190.     20.     61.   -108.
      New York              9584      9xxx*     6xxx*    25xxx*     -82.    189.    197.    304.
      Pennsylvania         13xxx*    11894      9006     34162     -173.    -78.    -38.   -290.
   Subdistrict IC          51698     78631     57555    187885      219.   -423.    -73.   -277.
      Florida               6xxx*    21488      4xxx*    32846       91.    -62.    128.    157.
      Georgia              18639      4xxx*     9249     32416       65.     52.    -15.    102.
      North Carolina        3xxx*     7xxx*     9xxx*    21xxx*    -192.   -191.    118.   -265.
      South Carolina        1526     30845      7xxx*    39xxx*     -14.   -229.   -165.   -408.
      Virginia             11xxx*     5xxx*    11872     28870      233.     60.    -86.    207.
      West Virginia         9680      8590     14582     32852       35.    -53.    -53.    -70.
PAD District II           199580    175750    197198    572529     -339.    -10.    133.   -216.
      Illinois              8xxx*    15251     15590     3xxxx*    -267.   -122.   -129.   -518.
      Indiana               7xxx*    13983      5xxx*    27125     -172.    -77.    161.    -88.
      Iowa                  4xxx*    15xxx*    20xxx*    40514       90.    368.   -354.    104.
      Kansas               16941     18233      4xxx*    39307      163.    110.    -54.    219.
      Kentucky              9168      6xxx*    19xxx*    34681      -21.   -202.    212.    -12.
      Michigan             11874     30xx*     10xxx*    25637      -89.     43.    237.    192.
      Minnesota            21xxx*    12584     26231     60272      230.    -86.     11.    154.
      Missouri             15xxx*    12144      7292     35177      196.    -30.     28.    195.
      Nebraska             25358     14573     17xxx*    57824      -66.     23.    282.    239.
      North Dakota         10xxx*    22xxx*     8177     41342     -131.    376.     23.    268.
      Ohio                 24xxx*    10xxx*    15xxx*    50176     -294.   -170.    307.   -156.
      Oklahoma             16769      8525     10188     35483      -59.    -46.    -90.   -194.
      South Dakota          2x*      12xxx*    16xxx*    28xxx*      -1.   -164.   -248.   -412.
      Tennessee             2xxx*     4301     13xxx*    19xxx*      70.    -27.   -251.   -208.
      Wisconsin            24868      6105      6302     37276       12.     -7.     -3.      2.
PAD District III           70364     64445     79566    214376     604.    496.    129.   1228.
      Alabama              15429      5xxx*    13xxx*    34xxx*      97.    108.    148.    353.
      Arkansas              6xxx*    15382     12605     34054       69.    -60.    -57.    -48.
      Louisiana             7xxx*    12xxx*    15524     35368      149.    187.    -90.    246.
      Mississippi           7xxx*    16xxx*     5xxx*     2xxxx*    131.    269.    248.    648.
      New Mexico           22252     13369     25134     60756      150.    -17.    -50.     83.
      Texas                11896      1998      6xxx*    20794        8.      8.    -71.    -54.
PAD District IV            51809     46787     68508    167105     509.    407.    -84.    832.
      Colorado             12xxx*    14xxx*    23531     5xxxx*     234.    209.     82.    525.
      Idaho                 7317     13601      9xxx*    30413       41.     49.   -242.   -152.
      Montana               6904      8xxx*    21991     37731       46.     96.     96.    238.
      Utah                 13xxx*     2xxx*    10883     26xxx*     184.     92.     91.    368.
      Wyoming              11333      7458      2xxx*    21401        4.    -39.   -112.   -147.
PAD District V             67381     82087     59354    208824        4.   -256.     78.   -175.
      Alaska                6993     14840     13xxx*    35090       35.   -105.   -166.   -236.
      Arizona               4xxx*     7xx*      2xxx*     7xxx*    -140.    -29.     54.   -115.
      California           12xxx*     7xxx*    11260     31742      295.    -91.     19.    223.
      Hawaii               13xxx*     8xxx*     8985     31085     -286.    155.    -31.   -163.
      Nevada                5xxx*    14209      8345     28097       67.   -106.     19.    -20.
      Oregon                7579     32826      8xxx*    48770      -44.    -26.    157.     87.
      Washington           16512      3xxx*     6505     26318       76.    -53.     27.     50.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%
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Noise Based Table 02        CONVEN

                          DTW      RACK     BULK    TOTAL   < ---- Adjustments ---->
United States          235043   201617   191031   627692   1571.  1107.  1750.  4429.
PAD District I          6xxxx*    70552   5xxxx*   19xxxx*   833.   462.   722.  2017.
   Subdistrict IA       19xxx*    32618   16xxx*   6xxxx*    459.   132.   359.   951.
      Connecticut        5xxx*     6648    4xxx*   16xxx*    143.    38.    91.   272.
      Maine              17xx*     29xx*       0     4683     42.   -39.     0.     3.
      Massachusetts      1xxx*     6xxx*       0     8621    -70.   134.     0.    64.
      New Hampshire      6xxx*      3xx*    22xx*    8xxx*    183.   -19.    38.   202.
      Rhode Island       3xxx*     9xxx*    28xx*    16225    160.  -100.    37.    97.
      Vermont                0     6xxx*    7xxx*   13xxx*      0.   120.   193.   313.
   Subdistrict IB        24249    10xxx*   20xxx*    54940   -162.   298.   334.   470.
      Delaware           21xx*     1xxx*    1xxx*     5816    -34.    73.   -51.   -12.
      District of Columbia 4xxx*       0     7404   11xxx*    103.     0.    64.   167.
      Maryland               0     5xxx*    2xxx*    7xxx*      0.   128.   106.   234.
      New Jersey         5xxx*      6xx*       0     5831    -68.    13.     0.   -55.
      New York           3xxx*      xx*    4xxx*     8617    -75.    -7.   148.    66.
      Pennsylvania        9281     1xxx*    4xxx*    15363    -88.    91.    67.    71.
   Subdistrict IC       2xxxx*    27686    19720    72896    535.    31.    30.   596.
      Florida            5xxx*    12583    1xxx*    20xxx*    120.    74.    82.   275.
      Georgia           10xxx*     2xxx*    6xxx*   19xxx*    220.    99.  -107.   211.
      North Carolina      8xx*      xxx*    4xxx*     6415    -47.   -85.   139.     8.
      South Carolina         0     9xxx*       0    9xxx*      0.  -120.     0.  -120.
      Virginia           4xxx*        0    24xx*    6xxx*    157.     0.   -44.   113.
      West Virginia      3xxx*     2xxx*     4695   10xxx*     86.    63.   -41.   109.
PAD District II         82050    63227   7xxxx*   219248    242.    16.   768.  1026.
      Illinois           6xxx*     5xxx*    29xx*   15xxx*   -246.  -109.   -48.  -404.
      Indiana            1xxx*     5572    1xxx*     8562    -67.    11.    89.    33.
      Iowa                 597     5036    10185    15819      1.    28.   -96.   -67.
      Kansas             27xx*     5839     3150    11708    -36.    -5.    20.   -21.
      Kentucky               0      xxx*    9xxx*   10xxx*      0.   -64.   205.   141.
      Michigan            4352     1xxx*    8xxx*   14xxx*      2.   101.   160.   263.
      Minnesota         12xxx*     24xx*    17172    31716    179.    36.   -12.   203.
      Missouri           9xxx*     3xxx*       0    13xxx*    116.    77.     0.   193.
      Nebraska           14740     32xx*    8xxx*   26xxx*    100.    44.   197.   341.
      North Dakota       1xxx*    13xxx*    11xx*   16xxx*     66.   220.    40.   326.
      Ohio               11043     5xxx*    5xxx*    22348     44.  -160.   212.    96.
      Oklahoma           37xx*     4200    3xxx*    11468     40.   -13.   -54.   -27.
      South Dakota           0     1xxx*      3x*    1xxx*      0.  -106.    -2.  -108.
      Tennessee              0    10xx*     5xx*    16xx*      0.    22.     9.    31.
      Wisconsin          13378     3xxx*    17xx*    18294     42.   -67.    50.    25.
PAD District III        33xxx*    31461   23xxx*   8xxxx*    359.   256.   388.  1003.
      Alabama            15429      3xx*    5xxx*    21123     97.    24.    63.   184.
      Arkansas           4xxx*     8060    2xxx*    15xxx*     81.    18.    71.   170.
      Louisiana              0     5xxx*    5xxx*   11xxx*      0.   166.    59.   226.
      Mississippi        26xx*    11xxx*    1xxx*    15xxx*     47.   147.    68.   262.
      New Mexico         8xxx*     5xxx*    4xxx*    18049    199.  -100.    71.   169.
      Texas              2xxx*        0    3xxx*     6540    -65.     0.    57.    -8.
PAD District IV         13xxx*    10107    19146    43190    164.   -74.    86.   176.
      Colorado           4xxx*     4xxx*    8xxx*   16xxx*     88.   124.   177.   389.
      Idaho              5xxx*     2xxx*       0     8510    100.  -178.     0.   -77.
      Montana             xxx*     1xxx*     6622     8538    -53.    73.   -58.   -38.
      Utah               13xx*        0     2568     3934    -32.     0.    16.   -16.
      Wyoming            2xxx*     1xxx*    19xx*    5xxx*     61.   -93.   -49.   -82.
PAD District V          36828    26xxx*   17xxx*    80918    -26.   448.  -215.   207.
      Alaska             21xx*     4xxx*    8xxx*    14696    -47.    85.  -175.  -137.
      Arizona            13xx*        0        0    13xx*    -48.     0.     0.   -48.
      California         4xxx*      xx*       0    4xxx*    101.   -12.     0.    90.
      Hawaii            11xxx*     6xxx*     3484    21029   -165.   191.     3.    29.
      Nevada             2xxx*     8479     5387    16424     74.    83.   -16.   140.
      Oregon             4xxx*     6xxx*       0    11xxx*    106.   101.     0.   207.
      Washington         10205        0     7xx*    10941    -47.     0.   -26.   -73.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%
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Noise Based Table 02        OXYGEN

                            DTW     RACK     BULK    TOTAL   < ---- Adjustments ---->
United States             185542   157114   176112   518770   -366.  -291.    61.  -597.
PAD District I             62561    60046    51404   174013   -151.   246.  -161.   -67.
   Subdistrict IA          36036    21xxx*   21108    78153   -143.   327.    -3.   181.
      Connecticut           5xxx*    6xxx*   16xx*   13xxx*    202.   141.    29.   372.
      Maine                12797     1471    3xxx*    17360     25.    -7.   -67.   -48.
      Massachusetts         1xx*     1xxx*   3xxx*    4xxx*      9.    81.    78.   168.
      New Hampshire         6xxx*    4xxx*    7378     18180   -155.    65.   -30.  -120.
      Rhode Island          6xxx*    2xxx*   3xxx*   12xxx*   -167.   -61.  -102.  -331.
      Vermont               4xxx*    5xxx*   2xxx*   11xxx*    -58.   107.    89.   139.
   Subdistrict IB          16153    12703    12607    41464     33.   -72.    69.    31.
      Delaware              5xxx*       0     5290     10774     87.     0.   -22.    65.
      District of Columbia   5110    26xx*    9xx*     8705     -7.   -47.   -24.   -78.
      Maryland                 0        0    1xxx*    1xxx*      0.     0.    72.    72.
      New Jersey             3757        0    3xxx*    7xxx*     20.     0.    57.    77.
      New York              1xxx*    2xxx*    7xx*    4xxx*    -67.    98.    25.    56.
      Pennsylvania             0     7xxx*    7xx*    8xxx*      0.  -123.   -39.  -162.
   Subdistrict IC          10372    26334    17xxx*   54395    -42.    -9.  -227.  -278.
      Florida               8xx*     3482    10xx*     5299    -29.    13.    31.    16.
      Georgia               2xxx*    15xx*    8xx*     5290    -61.    41.    22.     2.
      North Carolina        xxx*     6xxx*   3xxx*   10xxx*    -52.  -107.   -68.  -226.
      South Carolina         1526     8648    2xxx*   12xxx*    -14.   -68.   -96.  -177.
      Virginia              4xxx*     3729    xxx*    8xxx*    135.     6.   -53.    88.
      West Virginia          1xx*     2xxx*    8832     11436    -21.   104.   -63.    20.
PAD District II            70519    41303    63903   175727   -383.  -333.     0.  -716.
      Illinois             12xx*     xxx*     8994     10903    -21.   -75.     1.   -95.
      Indiana               2xxx*    7xxx*   4xxx*   14xxx*   -102.  -114.    72.  -144.
      Iowa                  2xxx*    4xxx*   5xxx*    12561     88.   103.   -92.    99.
      Kansas                3xxx*     5456    xxx*     9231     78.    36.   -87.    27.
      Kentucky               9168     2xxx*   3xxx*   14xxx*    -21.   -75.   -59.  -155.
      Michigan               6485     1xxx*      0     7xxx*    -52.   -57.     0.  -109.
      Minnesota             4xxx*    2xxx*   4xxx*    11709    -55.   -55.    94.   -17.
      Missouri               4906     2xxx*   3xxx*    11599     29.   -65.    81.    45.
      Nebraska              6xxx*    3xxx*    6412     15523   -190.    91.    -6.  -104.
      North Dakota          2xxx*    3xxx*   3xxx*     9911    -57.   114.   -98.   -41.
      Ohio                  9xxx*    1xxx*    8210    19xxx*   -210.   -62.    25.  -247.
      Oklahoma              10790     2xxx*   3xxx*    16560    -68.   -84.    85.   -66.
      South Dakota             0     1xxx*   5xxx*     7039      0.   -54.   103.    49.
      Tennessee             5xx*     14xx*   4xxx*    6xxx*     27.   -38.   -63.   -74.
      Wisconsin             7xxx*       0    1xxx*    8xxx*    171.     0.   -54.   117.
PAD District III           10675    14143    24872    49691     94.  -125.    70.    39.
      Alabama                  0        0    7xxx*    7xxx*      0.     0.   147.   147.
      Arkansas              9xx*     2xxx*    5662     9xxx*     24.   -89.   -34.  -100.
      Louisiana                0     6197    3xxx*   10xxx*      0.    -7.  -156.  -163.
      Mississippi           2xxx*       0    2xxx*    4xxx*     92.     0.    99.   191.
      New Mexico             7398     4459     5099     16957    -22.     9.    17.     4.
      Texas                    0     10xx*    3x*     10xx*      0.   -37.    -2.   -39.
PAD District IV            20766    15xxx*   16984    52965     16.   153.  -104.    65.
      Colorado                 0     7xxx*      0     7xxx*      0.    78.     0.    78.
      Idaho                 1xxx*    8xx*    6xxx*    9xxx*    -59.   -48.  -127.  -234.
      Montana               3xx*     5xxx*    6888     12809     -9.    70.   -10.    52.
      Utah                 12xxx*    1xxx*    3499    17xxx*    216.    53.    32.   302.
      Wyoming               6xxx*       0        0     6xxx*   -133.     0.     0.  -133.
PAD District V             21018    26406    18xxx*   66373     58.  -232.   256.    81.
      Alaska                4xxx*    2xxx*   3xxx*    11180     80.  -145.    72.     7.
      Arizona               2xxx*       0     1445     3xxx*    -71.     0.    13.   -58.
      California            3xxx*    18xx*   5xxx*   11xxx*    132.   -26.   162.   268.
      Hawaii                2xxx*       0    2xxx*     5108   -119.     0.    70.   -49.
      Nevada                 2984     4xxx*    3xx*    7xxx*     -7.  -140.   -45.  -191.
      Oregon                1xxx*    17303    3xxx*    22060    -90.    79.    64.    53.
      Washington            2xxx*       0    2xxx*     5299    131.     0.   -80.    51.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%
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Noise Based Table 02        REFORM

                        DTW    RACK    BULK    TOTAL   < ---- Adjustments ---->
United States         172544  197393  206825  576764     37. -395.-1322.-1681.
PAD District I         72402   5xxxx*  61370  190227   -217. -924. -327.-1468.
   Subdistrict IA      22xxx*  11xxx*  21666   55607    257. -394.  -95. -232.
      Connecticut       6xxx*   12xx*  30xx*   10378    137.  -33.  -37.   68.
      Maine             6xxx*    2350  12873   21328   -147.    4.    6. -137.
      Massachusetts     1xxx*   3xxx*  1xxx*    6357     62.  -70.   54.   46.
      New Hampshire     4xxx*   2xxx*  3xxx*   10xxx*    73. -119.  -80. -126.
      Rhode Island         0    xxx*      0    xxx*      0.  -64.    0.  -64.
      Vermont           3xxx*   1xxx*   9xx*    6390    132. -111.  -39.  -17.
   Subdistrict IB      34105   20363   19xxx*   74026   -200.  -85. -356. -641.
      Delaware          7353    1xxx*  3xxx*   12xxx*   -62.  -72.  -81. -215.
      District of Columbia 5xxx* 8612  6xxx*   21xxx*   -90.  -30. -147. -267.
      Maryland          3xxx*    8xx*  3xxx*    7741    120.  -43.  -90.  -13.
      New Jersey        9xxx*    3xx*    588    10xxx*  -143.    8.    4. -131.
      New York          4xxx*   6xxx*   7xx*    11xxx*    60.   99.   24.  183.
      Pennsylvania      3xxx*    23xx*  3xxx*   10xxx*   -85.  -47.  -66. -198.
   Subdistrict IC      15xxx*  24xxx*  20146   60594   -275. -445.  125. -595.
      Florida              0    5xxx*   1861    7xxx*    0. -149.   15. -134.
      Georgia           5xxx*    xxx*  2xxx*    8xxx*   -93.  -89.   71. -111.
      North Carolina    2xxx*       0   18xx*    39xx*  -93.    0.   47.  -47.
      South Carolina       0    12514  4xxx*   17165     0.  -41.  -69. -111.
      Virginia          2xxx*   2xxx*   8461   13352    -59.   54.   12.    7.
      West Virginia     5904    3xxx*  1xxx*   10xxx*   -29. -220.   50. -199.
PAD District II        47009   71219   5xxxx*  177554  -197.  307. -636. -526.
      Illinois             0    9231   3xxx*   12900     0.   61.  -81.  -20.
      Indiana           3223    12xx*      0    4443    -2.   26.    0.   24.
      Iowa              2170    5xxx*  4xxx*   12134     0.  237. -165.   71.
      Kansas            11xxx*  6xxx*   2xx*    18xxx*  121.   79.   13.  213.
      Kentucky             0    3xxx*  6xxx*    9649     0.  -64.   66.    2.
      Michigan          10xx*       0   2xxx*   33xx*   -39.    0.   77.   38.
      Minnesota         5xxx*    7394  4xxx*   16846    106.  -67.  -71.  -32.
      Missouri          1xxx*    5417  3xxx*    9941     51.  -42.  -53.  -44.
      Nebraska          4573    8xxx*  2xxx*   15747     23. -112.   91.    2.
      North Dakota      6xxx*    4919  3xxx*   14945   -141.   42.   82.  -17.
      Ohio              3xxx*   2xxx*  1xxx*    8136   -128.   52.   71.   -6.
      Oklahoma          22xx*   1xxx*  3xxx*    7xxx*   -31.   52. -121. -101.
      South Dakota       2x*    9472   11xxx*   20xxx*   -1.   -4. -349. -354.
      Tennessee         17xx*    1814   8xxx*   11xxx*   43.  -11. -197. -164.
      Wisconsin         4xxx*   2xxx*   3554    10xxx*  -201.   59.    1. -140.
PAD District III       26492   18xxx*  31xxx*  76499    150.  365. -330.  186.
      Alabama              0    4xxx*    xxx*    5564     0.   83.  -62.   22.
      Arkansas          6xx*    4892   3xxx*    9xxx*   -36.   11.  -94. -118.
      Louisiana         7xxx*    8xx*   5722    14xxx*  149.   28.    7.  184.
      Mississippi       2124    4xxx*  1xxx*    8xxx*    -8.  122.   81.  195.
      New Mexico        6845    2xxx*  15992   25748    -27.   75. -138.  -89.
      Texas             9205    9xx*   3xxx*   13161     72.   46. -125.   -8.
PAD District IV        17xxx*  21xxx*  32377   70949    329.  328.  -67.  591.
      Colorado          8xxx*    3591  15477   27184    146.    7.  -95.   58.
      Idaho                0    9xxx*  2xxx*   12xxx*    0.  275. -115.  160.
      Montana           6xxx*    18xx*  8xxx*   16xxx*  108.  -47.  163.  224.
      Utah                 0    4xx*    4815    5xxx*    0.   39.   43.   82.
      Wyoming           2xxx*    5714    xxx*    9322     75.   54.  -63.   67.
PAD District V          9533   29xxx*  22586   61532    -28. -472.   37. -463.
      Alaska             3x*    7816   1xxx*    9xxx*     2.  -45.  -63. -107.
      Arizona           6xx*    7xx*   12xx*    2672    -21.  -29.   41.   -8.
      California        4xxx*    5689  6xxx*   15888     62.  -53. -143. -134.
      Hawaii             4x*    20xx*  2xxx*    4xxx*    -3.  -36. -104. -143.
      Nevada               0    11xx*  2xxx*    3742     0.  -49.   80.   31.
      Oregon            1xxx*   8xxx*  5xxx*    14xxx*  -60. -206.   93. -174.
      Washington        3485    3xxx*  3xxx*   10077    -9.  -53.  133.   72.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%
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	DTW	RACK	BULK	TOTAL	< ---- Adjustments ---->			
United States	593130	556125	573970	1723226	1242.	421.	489.	2152.
PAD District I	203995	187054	169341	560391	464.	-216.	234.	482.
Subdistrict IA	77788	65108	59177	202074	573.	65.	261.	900.
Connecticut	17xxx*	13xxx*	8936	4xxxx*	483.	146.	84.	713.
Maine	20616	6790	15965	43372	-79.	-42.	-61.	-182.
Massachusetts	4022	11xxx*	4xxx*	19xxx*	1.	144.	132.	278.
New Hampshire	17335	6xxx*	13363	37679	101.	-73.	-72.	-45.
Rhode Island	10410	12xxx*	6498	29xxx*	-7.	-226.	-65.	-298.
Vermont	8169	13514	10xxx*	31xxx*	75.	116.	243.	434.
Subdistrict IB	74507	43315	52608	170431	-328.	141.	46.	-141.
Delaware	14986	3205	10xxx*	29095	-9.	2.	-155.	-162.
District of Columbia	14579	11290	15243	41113	6.	-77.	-107.	-178.
Maryland	3xxx*	6xxx*	6xxx*	16xxx*	120.	85.	88.	293.
New Jersey	18xxx*	10xx*	4xxx*	24163	-190.	20.	61.	-108.
New York	9584	9xxx*	6xxx*	25xxx*	-82.	189.	197.	304.
Pennsylvania	13xxx*	11894	9006	34162	-173.	-78.	-38.	-290.
Subdistrict IC	51698	78631	57555	187885	219.	-423.	-73.	-277.
Florida	6xxx*	21488	4xxx*	32846	91.	-62.	128.	157.
Georgia	18639	4xxx*	9249	32416	65.	52.	-15.	102.
North Carolina	3xxx*	7xxx*	9xxx*	21xxx*	-192.	-191.	118.	-265.
South Carolina	1526	30845	7xxx*	39xxx*	-14.	-229.	-165.	-408.
Virginia	11xxx*	5xxx*	11872	28870	233.	60.	-86.	207.
West Virginia	9680	8590	14582	32852	35.	-53.	-53.	-70.
PAD District II	199580	175750	197198	572529	-339.	-10.	133.	-216.
Illinois	8xxx*	15251	15590	3xxxx*	-267.	-122.	-129.	-518.
Indiana	7xxx*	13983	5xxx*	27125	-172.	-77.	161.	-88.
Iowa	4xxx*	15xxx*	20xxx*	40514	90.	368.	-354.	104.
Kansas	16941	18233	4xxx*	39307	163.	110.	-54.	219.
Kentucky	9168	6xxx*	19xxx*	34681	-21.	-202.	212.	-12.
Michigan	11874	30xx*	10xxx*	25637	-89.	43.	237.	192.
Minnesota	21xxx*	12584	26231	60272	230.	-86.	11.	154.
Missouri	15xxx*	12144	7292	35177	196.	-30.	28.	195.
Nebraska	25358	14573	17xxx*	57824	-66.	23.	282.	239.
North Dakota	10xxx*	22xxx*	8177	41342	-131.	376.	23.	268.
Ohio	24xxx*	10xxx*	15xxx*	50176	-294.	-170.	307.	-156.
Oklahoma	16769	8525	10188	35483	-59.	-46.	-90.	-194.
South Dakota	2x*	12xxx*	16xxx*	28xxx*	-1.	-164.	-248.	-412.
Tennessee	2xxx*	4301	13xxx*	19xxx*	70.	-27.	-251.	-208.
Wisconsin	24868	6105	6302	37276	12.	-7.	-3.	2.
PAD District III	70364	64445	79566	214376	604.	496.	129.	1228.
Alabama	15429	5xxx*	13xxx*	34xxx*	97.	108.	148.	353.
Arkansas	6xxx*	15382	12605	34054	69.	-60.	-57.	-48.
Louisiana	7xxx*	12xxx*	15524	35368	149.	187.	-90.	246.
Mississippi	7xxx*	16xxx*	5xxx*	2xxxx*	131.	269.	248.	648.
New Mexico	22252	13369	25134	60756	150.	-17.	-50.	83.
Texas	11896	1998	6xxx*	20794	8.	8.	-71.	-54.
PAD District IV	51809	46787	68508	167105	509.	407.	-84.	832.
Colorado	12xxx*	14xxx*	23531	5xxxx*	234.	209.	82.	525.
Idaho	7317	13601	9xxx*	30413	41.	49.	-242.	-152.
Montana	6904	8xxx*	21991	37731	46.	96.	96.	238.
Utah	13xxx*	2xxx*	10883	26xxx*	184.	92.	91.	368.
Wyoming	11333	7458	2xxx*	21401	4.	-39.	-112.	-147.
PAD District V	67381	82087	59354	208824	4.	-256.	78.	-175.
Alaska	6993	14840	13xxx*	35090	35.	-105.	-166.	-236.
Arizona	4xxx*	7xx*	2xxx*	7xxx*	-140.	-29.	54.	-115.
California	12xxx*	7xxx*	11260	31742	295.	-91.	19.	223.
Hawaii	13xxx*	8xxx*	8985	31085	-286.	155.	-31.	-163.
Nevada	5xxx*	14209	8345	28097	67.	-106.	19.	-20.
Oregon	7579	32826	8xxx*	48770	-44.	-26.	157.	87.
Washington	16512	3xxx*	6505	26318	76.	-53.	27.	50.

* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%

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CTA Based Table 01 [ TARGET SMALL CELLS ]      REGULAR

                         DTW     RACK     BULK    TOTAL   < ---- Adjustments ---->
United States          188668   218471   170021   577160    0.     0.     0.     0.
PAD District I          64625    72994    65620   203239    0.     0.     0.     0.
   Subdistrict IA       25314    28780    16952    71046    0.     0.     0.     0.
      Connecticut        6250     1502     1700     9452   -8.A    8.A    0.     0.
      Maine              3936     4719     4429    13084    0.     0.     0.     0.
      Massachusetts       1xx*    3832        0     4012    8.w   -8.A    0.     0.
      New Hampshire      7879        0     3188    11067    0.     0.     0.     0.
      Rhode Island       1748     6224     3976    11948    0.     0.     0.     0.
      Vermont            5321    12503     3659    21483    0.     0.     0.     0.
   Subdistrict IB       19417    16493    22335    58245    0.     0.     0.     0.
      Delaware           6978     2xxx*    4xxx*   13650    0.    85.A  -85.A    0.
      District of Columbia 2253    5070    11338    18661    0.     0.     0.     0.
      Maryland           3311     1xxx*    1xxx*    6226    0.   -60.A   60.w    0.
      New Jersey         6875        0     1xx*     7005    0.     0.   -14.A  -14.A
      New York              0     6xx*     8xx*     1446    0.   -25.A   39.w   14.A
      Pennsylvania          0     6539     4718    11257    0.     0.     0.     0.
   Subdistrict IC       19894    27721    26333    73948    0.     0.     0.     0.
      Florida               0    10857     1847    12704    0.     0.     0.     0.
      Georgia            9961        0        0     9961    0.     0.     0.     0.
      North Carolina     2268     7265     8425    17958    0.    39.A  -39.A    0.
      South Carolina     1195     5887     7582    14664    0.     0.     0.     0.
      Virginia           3560        0     3625     7185    0.     0.     0.     0.
      West Virginia      2910    37xx*     4854    11476    0.   -39.A   39.A    0.
PAD District II         76174    62147    54796   193117    0.     0.     0.     0.
      Illinois           4128        0        0     4128    0.     0.     0.     0.
      Indiana            4580        0     3879     8459  -33.A    0.    33.A    0.
      Iowa               1149     4196     4216     9561    0.     0.     0.     0.
      Kansas            12111    10327     1xxx*   24274  115.A   -3.A -112.A    0.
      Kentucky           5xxx*    2790     6581    15136  -61.A    3.A   58.A    0.
      Michigan           2022        0     6668     8690    0.     0.     0.     0.
      Minnesota          6400     3694     1332    11426    0.     0.     0.     0.
      Missouri           5915    10385     3934    20234    0.     0.     0.     0.
      Nebraska           2652     7667      942    11261    0.     0.     0.     0.
      North Dakota       4671     8286        0    12957    0.     0.     0.     0.
      Ohio               7197        0     3477    10674    0.     0.     0.     0.
      Oklahoma           4009     1864     4360    10233  -21.A    0.    21.A    0.
      South Dakota         24    11013     5526    16563    0.     0.     0.     0.
      Tennessee          2242      645     8325    11212    0.     0.     0.     0.
      Wisconsin         13309     1280     3720    18309    0.     0.     0.     0.
PAD District III        15248    23726    26417    65391    0.     0.     0.     0.
      Alabama            3529     2xx*     2856     6619   25.A  -25.w    0.     0.
      Arkansas           1598     5628     6358    13584    0.     0.     0.     0.
      Louisiana             0     3xxx*    4xxx*    7755    0.    65.A  -65.A    0.
      Mississippi         666     8994     2xxx*   12571    0.    69.A  -69.A    0.
      New Mexico         8410     4928     6696    20034    0.     0.     0.     0.
      Texas             10xx*     xxx*     3xxx*    4828  -25.A -109.w  134.A    0.
PAD District IV         13561    23112     8479    45152    0.     0.     0.     0.
      Colorado              0     8772     5637    14409    0.     0.     0.     0.
      Idaho              1xxx*     xxx*     8xx*    2xxx*   75.A  -94.w  -44.w  -63.A
      Montana             xxx*    7xxx*       0     7900 -104.w  132.A    0.    28.A
      Utah               5705     3xx*        0     6049   29.A  -38.w    0.    -9.A
      Wyoming            6446     5660    20xx*    14102    0.     0.    44.A   44.A
PAD District V          19060    36492    14709    70261    0.     0.     0.     0.
      Alaska                0     7948     4300    12248    0.     0.     0.     0.
      Arizona            2721      828     2189     5738    0.     0.     0.     0.
      California         3792     3728     2251     9771    0.     0.     0.     0.
      Hawaii             1038     6141      327     7506    0.     0.     0.     0.
      Nevada             2555     3522        0     6077    0.     0.     0.     0.
      Oregon                0    14325     3040    17365    0.     0.     0.     0.
      Washington         8954        0     2602    11556    0.     0.     0.     0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%
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CTA Based Table 01 [ TARGET SMALL CELLS ]      MID-GRADE

                        DTW    RACK    BULK    TOTAL  < ---- Adjustments ---->
United States         234099  170421  209941  614461    0.     0.     0.     0.
PAD District I         69006   60078   45675  174759    0.     0.     0.     0.
  Subdistrict IA       23026   19648   17765   60439    0.     0.     0.     0.
    Connecticut         3672   10737    1551   15960    0.     0.     0.     0.
    Maine               9886    2113    7014   19013    0.     0.     0.     0.
    Massachusetts      1xxx*   3xxx*       0    5103   84.w  -84.A    0.     0.
    New Hampshire      14xx*   17xx*    8119   11318  -39.A   39.A    0.     0.
    Rhode Island        5598     761       0    6359   -6.A    6.A    0.     0.
    Vermont             6xx*    9xx*    1081    2686  -39.A   39.A    0.     0.
  Subdistrict IB       33509   14578   12603   60690    0.     0.     0.     0.
    Delaware            1386       0    3617    5003    0.     0.     0.     0.
    District of Columbia 7460   4758       0   12218    0.     0.     0.     0.
    Maryland               0    3920    4372    8292    0.    18.A  -18.A    0.
    New Jersey          4795    3xx*     440    5624    0.    14.A    0.    14.A
    New York            6434   20xx*    7xx*    9188    0.   -32.p   18.A  -14.A
    Pennsylvania       13434    3480    3451   20365    0.     0.     0.     0.
  Subdistrict IC       12471   25852   15307   53630    0.     0.     0.     0.
    Florida            3xxx*    5264   1xxx*    9465  -82.A    0.    82.w    0.
    Georgia                0    2126    2657    4783    0.     4.A   -4.A    0.
    North Carolina      7xx*    2xx*       0     986   35.w  -35.w    0.     0.
    South Carolina       345   14094       0   14439    0.     0.     0.     0.
    Virginia            4875    1724    8311   14910   22.A    0.   -22.A    0.
    West Virginia       3384   24xx*   3xxx*    9047   25.A   31.A  -56.A    0.
PAD District II        74913   67732   78659  221304    0.     0.     0.     0.
    Illinois           3xx*    14174    3735   18240   15.w    0.   -15.A    0.
    Indiana             xxx*   14060    1911   16727  -83.w    0.     6.A  -77.A
    Iowa                3319    4704   12645   20668    0.     0.     0.     0.
    Kansas             1xxx*    7833    6xx*    9790  -69.w   39.A   30.w    0.
    Kentucky           3xxx*    xxx*    7962   11938   61.A  -61.w    0.     0.
    Michigan            9996   1xxx*       0   11022   55.A  -54.w    0.     1.A
    Minnesota           6756    3833   22520   33109    0.     0.     0.     0.
    Missouri            5075    1769    3330   10174    0.     0.     0.     0.
    Nebraska           16463    1526    4481   22470    0.     0.     0.     0.
    North Dakota        5772    5558    8154   19484    0.     0.     0.     0.
    Ohio               10728    6112    5048   21888    0.     0.     0.     0.
    Oklahoma           15xx*    3090    3255    7846   21.A    0.   -21.A    0.
    South Dakota           0    1153    4227    5380    0.     0.     0.     0.
    Tennessee              0   1xxx*     543   2xxx*    0.    76.A    0.    76.A
    Wisconsin           9470     819     212   10501    0.     0.     0.     0.
PAD District III       33192   13706   35889   82787    0.     0.     0.     0.
    Alabama             9144      75    9977   19196    0.     0.     0.     0.
    Arkansas               0       0    1448    1448    0.     0.     0.     0.
    Louisiana           5772    3596    9797   19165    0.     0.     0.     0.
    Mississippi         5261    6399    2330   13990    0.     0.     0.     0.
    New Mexico          8475    3636   10033   22144    0.     0.     0.     0.
    Texas               4540       0    2304    6844    0.     0.     0.     0.
PAD District IV        26384   13793   33824   74001    0.     0.     0.     0.
    Colorado            9457    4440    8352   22249    0.     0.     0.     0.
    Idaho               6307    9353    8890   24550  -44.A    0.    44.A    0.
    Montana             6388       0   11806   18194   44.A    0.   -44.A    0.
    Utah                4232       0    4776    9008    0.     0.     0.     0.
    Wyoming                0       0       0       0    0.     0.     0.     0.
PAD District V         30604   15112   15894   61610    0.     0.     0.     0.
    Alaska              6940       0    3870   10810    1.A    0.    -1.A    0.
    Arizona              583       0     363     946    0.     0.     0.     0.
    California          5762   3xxx*    6620   15396   28.A  -69.A   41.A    0.
    Hawaii              9123     147    2664   11934    0.     0.     0.     0.
    Nevada             5xx*    26xx*    2013    5201  -29.w   29.A    0.     0.
    Oregon              4585    6009       0   10594    0.     0.     0.     0.
    Washington          3058   33xx*    3xx*    6729    0.    40.A  -40.w    0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%
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CTA Based Table 01 [ TARGET SMALL CELLS ]      PREMIUM

                         DTW    RACK    BULK   TOTAL   < ---- Adjustments ---->
United States          169122  166813  193519  529454    0.     0.     0.     0.
PAD District I          69900   54199   57812  181911    0.     0.     0.     0.
  Subdistrict IA        28875   16615   24200   69690    0.     0.     0.     0.
    Connecticut          6829    1542    5602   13973    8.A   -8.A    0.     0.
    Maine                6874       0    4584   11458    0.     0.     0.     0.
    Massachusetts       2xxx*     4294    4155   10547  -53.A   14.A   39.A    0.
    New Hampshire        7939    5311   20xx*   15339   39.A    0.   -39.A    0.
    Rhode Island         3071    5468    2588   11127    6.A   -6.A    0.     0.
    Vermont              2064       0    5182    7246    0.     0.     0.     0.
  Subdistrict IB        21910   12103   17624   51637    0.     0.     0.     0.
    Delaware             6632     7xx*    3196   10604    0.   -28.A   28.A    0.
    District of Columbia  4860    1540    4012   10412    0.     0.     0.     0.
    Maryland                0     9xx*    9xx*    1848    0.    42.w  -42.A    0.
    New Jersey           7186     6xx*    3846   11643    0.   -14.A   14.A    0.
    New York             3232    6328    4740   14300    0.     0.     0.     0.
    Pennsylvania            0    1954     876    2830    0.     0.     0.     0.
  Subdistrict IC        19115   25481   15988   60584    0.     0.     0.     0.
    Florida             3xxx*     5429   1xxx*   10520   82.A    0.   -82.A    0.
    Georgia              8613    2355    6603   17571    0.     0.     0.     0.
    North Carolina      1xxx*       0   1xxx*    2432  -65.A    0.    65.w    0.
    South Carolina          0   11093       0   11093    0.     0.     0.     0.
    Virginia             2480    4088       0    6568    0.     0.     0.     0.
    West Virginia        3359    2516    6525   12400  -17.A    0.    17.A    0.
PAD District II         48832   45882   63611  158325    0.     0.     0.     0.
    Illinois             4038    1xxx*   11924   17222  -15.A   60.w  -45.A    0.
    Indiana             2xxx*       0       0   2xxx*   97.w    0.     0.    97.w
    Iowa                  412    5898    3872   10182    0.     0.     0.     0.
    Kansas              3xxx*       0   1xxx*    5025  -82.A    0.    82.w    0.
    Kentucky                0    3001    4598    7599    0.    17.A  -37.A  -20.A
    Michigan                0    1904    3830    5734    0.    -1.A    0.    -1.A
    Minnesota            8071    5144    2368   15583    0.     0.     0.     0.
    Missouri             4555      20       0    4575    0.     0.     0.     0.
    Nebraska             6310    5357   12187   23854    0.     0.     0.     0.
    North Dakota            0    8633       0    8633    0.     0.     0.     0.
    Ohio                 6693    4371    6707   17771    0.     0.     0.     0.
    Oklahoma            11318    3617    2664   17599    0.     0.     0.     0.
    South Dakota            0     504    6908    7412    0.     0.     0.     0.
    Tennessee               0    2xxx*    4466   6xxx*    0.   -76.A    0.   -76.A
    Wisconsin            2077    4014    2373    8464    0.     0.     0.     0.
PAD District III        21321   26517   17132   64970    0.     0.     0.     0.
    Alabama              2659    4674    9xx*     8223  -25.A    0.    25.A    0.
    Arkansas             4400    9815    4856   19071    0.     0.     0.     0.
    Louisiana            1730    5xxx*   1xxx*    8202    0.   -65.A   65.w    0.
    Mississippi          1010     792       0    1802    0.     0.     0.     0.
    New Mexico           5218    4822    8455   18495    0.     0.     0.     0.
    Texas                6304    1xxx*   1xxx*    9177   25.A   65.A  -90.w    0.
PAD District IV         11355    9475   26290   47120    0.     0.     0.     0.
    Colorado             2751    1456    9460   13667    0.     0.     0.     0.
    Idaho                   0    3288       0    3288    0.    28.A    0.    28.A
    Montana                 0    1xxx*   10136   11399    0.  -119.w   91.A  -28.A
    Utah                 3720    1539    6016   11275    0.     0.     0.     0.
    Wyoming              4884    1xxx*    xxx*    7491    0.    91.w  -91.A    0.
PAD District V          17714   30740   28674   77128    0.     0.     0.     0.
    Alaska                1x*     6998    5253   12269   -1.w    0.     1.A    0.
    Arizona              1120       0      30    1150    0.     0.     0.     0.
    California           3011     xxx*   2xxx*    6353  -28.A   79.w  -51.A    0.
    Hawaii               3736    2046    6026   11808    0.     0.     0.     0.
    Nevada              23xx*     8149    6324   16839   29.A  -39.A   10.A    0.
    Oregon               3038   12519    5168   20725    0.     0.     0.     0.
    Washington           4425      xx*   35xx*    7984    0.   -40.A   40.A    0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%
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CTA Based Table 01 [ TARGET SMALL CELLS ]     ALL GRADE

                        DTW     RACK     BULK    TOTAL   < ---- Adjustments ---->
United States         591889   555705   573481  1721075    0.     0.     0.     0.
PAD District I        203531   187271   169107   559909    0.     0.     0.     0.
  Subdistrict IA       77215    65043    58917   201175    0.     0.     0.     0.
    Connecticut        16751    13781     8853    39385    0.     0.     0.     0.
    Maine              20696     6832    16027    43555    0.     0.     0.     0.
    Massachusetts       4060    11447     4155    19662   39.A  -78.A   39.A    0.
    New Hampshire      17235     7093    13396    37724    0.    39.A  -39.A    0.
    Rhode Island       10417    12453     6564    29434    0.     0.     0.     0.
    Vermont             8056    13437     9922    31415  -39.A   39.A    0.     0.
  Subdistrict IB       74836    43174    52562   170572    0.     0.     0.     0.
    Delaware           14996    3xxx*    11000    29257    0.    57.A  -57.A    0.
    District of Columbia 14573  11368    15350    41291    0.     0.     0.     0.
    Maryland            3311     6590     6465    16366    0.     0.     0.     0.
    New Jersey         18856     1000     4416    24272    0.     0.     0.     0.
    New York            9666     8982     6286    24934    0.   -57.A   57.A    0.
    Pennsylvania       13434    11973     9045    34452    0.     0.     0.     0.
  Subdistrict IC       51480    79054    57628   188162    0.     0.     0.     0.
    Florida             6720    21550     4419    32689    0.     0.     0.     0.
    Georgia            18574     4481     9260    32315    0.     4.A   -4.A    0.
    North Carolina      4078     7502     9796    21376  -30.A    4.A   26.A    0.
    South Carolina      1540    31074     7582    40196    0.     0.     0.     0.
    Virginia           10915     5812    11936    28663   22.A    0.   -22.A    0.
    West Virginia       9653     8635    14635    32923    8.A   -8.A    0.     0.
PAD District II       199919   175761   197066   572746    0.     0.     0.     0.
    Illinois            8497    15434    15659    39590    0.    60.A  -60.A    0.
    Indiana             7383    14060     5790    27233  -19.A    0.    39.A   20.A
    Iowa                4880    14798    20733    40411    0.     0.     0.     0.
    Kansas             16743    18160     4186    39089  -36.A   36.A    0.     0.
    Kentucky            9190     6342    19141    34673    0.   -41.A   21.A  -20.A
    Michigan           12018    2xxx*    10498    25446   55.A  -55.A    0.     0.
    Minnesota          21227    12671    26220    60118    0.     0.     0.     0.
    Missouri           15545    12174     7264    34983    0.     0.     0.     0.
    Nebraska           25425    14550    17610    57585    0.     0.     0.     0.
    North Dakota       10443    22477     8154    41074    0.     0.     0.     0.
    Ohio               24618    10483    15232    50333    0.     0.     0.     0.
    Oklahoma           16828     8571    10279    35678    0.     0.     0.     0.
    South Dakota          24    12670    16661    29355    0.     0.     0.     0.
    Tennessee           2242     4328    13334    19904    0.     0.     0.     0.
    Wisconsin          24856     6113     6305    37274    0.     0.     0.     0.
PAD District III       69761    63949    79438   213148    0.     0.     0.     0.
    Alabama            15332     4983    13723    34038    0.   -25.A   25.A    0.
    Arkansas            5998    15443    12662    34103    0.     0.     0.     0.
    Louisiana           7502    12006    15614    35122    0.     0.     0.     0.
    Mississippi         6937    16185    5xxx*    28363    0.    69.A  -69.A    0.
    New Mexico         22103    13386    25184    60673    0.     0.     0.     0.
    Texas              11889    19xx*     7014    20849    0.   -44.A   44.A    0.
PAD District IV        51300    46380    68593   166273    0.     0.     0.     0.
    Colorado           12208    14668    23449    50325    0.     0.     0.     0.
    Idaho               7307    13487     9736    30530   31.A  -66.A    0.   -35.A
    Montana             6798     8753    21942    37493  -60.A   13.A   47.A    0.
    Utah               13657    18xx*    10792    26332   29.A  -38.A    0.    -9.A
    Wyoming            11330    7xxx*    26xx*    21593    0.    91.A  -47.A   44.A
PAD District V         67378    82344    59277   208999    0.     0.     0.     0.
    Alaska              6958    14946    13423    35327    0.     0.     0.     0.
    Arizona             4424      828     2582     7834    0.     0.     0.     0.
    California         12565     7723    11232    31520    0.    10.A  -10.A    0.
    Hawaii             13897     8334     9017    31248    0.     0.     0.     0.
    Nevada              5474    14306     8337    28117    0.   -10.A   10.A    0.
    Oregon              7623    32853     8208    48684    0.     0.     0.     0.
    Washington         16437     3354     6478    26269    0.     0.     0.     0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%
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CTA Based Table 02 [ TARGET SMALL CELLS ]      CONVEN

                        DTW    RACK    BULK   TOTAL  < ---- Adjustments ---->
United States         233472  200510  189281  623263    0.    0.    0.    0.
PAD District I         68198   70091   55844  194133    0.    0.    0.    0.
  Subdistrict IA       18833   32486   16044   67363    0.    0.    0.    0.
    Connecticut         5274    6611    4129   16014    0.    0.    0.    0.
    Maine               1672    3008       0    4680    0.    0.    0.    0.
    Massachusetts       2010    6548       0    8558    0.    0.    0.    0.
    New Hampshire       6069     3xx*    2250    8675    0.  -18.w  18.A   0.
    Rhode Island        3808    9506    2815   16129    0.    0.    0.    0.
    Vermont                0    6457    6850   13307    0.   18.A -18.A   0.
  Subdistrict IB       24411    9950   20109   54470    0.    0.    0.    0.
    Delaware            2184    1829    1815    5828    0.  -11.A  11.A   0.
    District of Columbia 3892      0    7340   11232    0.    0.    0.    0.
    Maryland               0    5696   19xx*    7679    0.  -42.A  42.A   0.
    New Jersey          5261     625       0    5886    0.    0.    0.    0.
    New York            3705     xx*    4786    8552    0.   -6.w   6.A   0.
    Pennsylvania        9369    1xxx*   4xxx*   15293    0.   59.A -59.A   0.
  Subdistrict IC       24954   27655   19691   72300    0.    0.    0.    0.
    Florida             5865   12510    1613   19988    0.    0.    0.    0.
    Georgia            10489    2xxx*    6261   18788   46.A -84.A  38.A   0.
    North Carolina       8xx*    xxx*    4595    6408  -46.w  84.w -38.A   0.
    South Carolina         0    9802       0    9802    0.    0.    0.    0.
    Virginia            4216       0    2486    6702    0.    0.    0.    0.
    West Virginia       3500    2376    4736   10612    0.    0.    0.    0.
PAD District II        81809   63212   73202  218223    0.    0.    0.    0.
    Illinois            7240    5456    2975   15671    0.    0.    0.    0.
    Indiana             1xxx*   5561    1xxx*    8549  -64.w   0.   84.w  20.A
    Iowa                 596    5008   10282   15886    0.    0.    0.    0.
    Kansas              2xxx*   5880    3xxx*   11730  -89.A  36.A  53.A   0.
    Kentucky               0     xxx*   9319    9870    0.  -61.w  39.A -22.A
    Michigan            4xxx*   1xxx*    8260   14411   90.A -90.w   0.    0.
    Minnesota          11902    2428   17184   31514    0.    0.    0.    0.
    Missouri            9693    3750       0   13443    0.    0.    0.    0.
    Nebraska           14640    3233    8340   26213    0.    0.    0.    0.
    North Dakota        1xxx*  13743    1xxx*   16159   63.w   0.  -63.A   0.
    Ohio               10999    6112    5141   22252    0.    0.    0.    0.
    Oklahoma            3732    4214    3550   11496    0.    0.    0.    0.
    South Dakota           0    1153      5x*    1195    0.    0.    2.w   2.A
    Tennessee              0    1xxx*    xxx*    1565    0.   83.A -83.A   0.
    Wisconsin          13336    3275   16xx*   18269    0.   32.A -32.A   0.
PAD District III       32837   31206   23139   87182    0.    0.    0.    0.
    Alabama            15332     334    5273   20939    0.    0.    0.    0.
    Arkansas            4xxx*   8042    2xxx*   15291  -66.A   0.   66.A   0.
    Louisiana              0    4994    5895   10889    0.    0.    0.    0.
    Mississippi         2xxx*  11737    1xxx*   15634   66.A   0.  -66.w   0.
    New Mexico          7810    6099    3972   17881    0.    0.    0.    0.
    Texas               2756       0    3792    6548    0.    0.    0.    0.
PAD District IV        13773   10181   19060   43014    0.    0.    0.    0.
    Colorado            4240    3951    7876   16067    0.    0.    0.    0.
    Idaho               5600    2988       0    8588   22.A -22.A   0.    0.
    Montana              xxx*   1xxx*    6xxx*    8532  -51.w -69.w  76.A -44.A
    Utah               14xx*       0   25xx*    3950   29.A   0.  -29.A   0.
    Wyoming             2043    1xxx*   19xx*    5877    0.   91.w -47.A  44.A
PAD District V         36855   25820   18036   80711    0.    0.    0.    0.
    Alaska              2205    4240    8388   14833    0.    0.    0.    0.
    Arizona             1367       0       0    1367    0.    0.    0.    0.
    California          4592      xx*       0    4689    0.  -10.w   0.  -10.A
    Hawaii             11229    6290    3482   21001   -2.A   2.A   0.    0.
    Nevada              2483    8405    5396   16284    0.    8.A  -8.A   0.
    Oregon              4735    6788       0   11523   10.A   0.    0.   10.A
    Washington         10244       0     7xx*   11014   -8.A   0.    8.A   0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%
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CTA Based Table 02 [ TARGET SMALL CELLS ]        OXYGEN

                         DTW    RACK    BULK    TOTAL   < ---- Adjustments ---->
United States          185909  157406  176052  519367    0.     0.     0.     0.
PAD District I          62713   59801   51566  174080    0.     0.     0.     0.
  Subdistrict IA        36179   20682   21112   77973    0.     0.     0.     0.
    Connecticut          5491    5884   16xx*   13060  -39.A   -2.A   41.A    0.
    Maine               12772    1478    3159   17409    0.     0.     0.     0.
    Massachusetts         2xx*   1xxx*   3034   4xxx*   39.w  -78.w  -14.A  -53.A
    New Hampshire        6448    4444    7408   18300    0.     0.     0.     0.
    Rhode Island         6609    2xxx*   3749   12771    0.    59.A    0.    59.A
    Vermont              4648    4969   20xx*   11694    0.    21.A  -27.A   -6.A
  Subdistrict IB        16120   12775   12539   41434    0.     0.     0.     0.
    Delaware             5396       0    5313   10709    0.     0.     0.     0.
    District of Columbia 5118    2725     940    8783    0.     0.     0.     0.
    Maryland                0       0     932     932    0.     0.     0.     0.
    New Jersey           3737       0    3832    7569    0.     0.     0.     0.
    New York             1869   20xx*    7xx*    4737    0.   -38.A   38.A    0.
    Pennsylvania            0    7964    7xx*    8704    0.    38.A  -38.w    0.
  Subdistrict IC        10414   26344   17915   54673    0.     0.     0.     0.
    Florida               855    3469     959    5283    0.     0.     0.     0.
    Georgia             29xx*    1472    8xx*    5289  -37.A    0.    37.A    0.
    North Carolina      10xx*   6xxx*   3xxx*   10952   16.A  -80.A   64.A    0.
    South Carolina       1540    8716    2862   13118    0.     0.     0.     0.
    Virginia             3869    3xxx*    xxx*    8615    0.    51.A  -51.w    0.
    West Virginia         2xx*  23xx*    8845   11416   21.w   29.A  -50.A    0.
PAD District II         70903   41637   63903  176443    0.     0.     0.     0.
    Illinois             1257    xxx*    8922   11001    0.    74.w  -72.A    2.A
    Indiana             29xx*    7304   40xx*   14264   45.A    0.   -45.A    0.
    Iowa                 2113    4459    5890   12462    0.     0.     0.     0.
    Kansas              3xxx*    5421    xxx*    9205   80.A    0.   -80.w    0.
    Kentucky             9190    2142    3821   15153    0.     0.     0.     0.
    Michigan             6503   12xx*       0    7723  -35.A   35.A    0.     0.
    Minnesota            4295    2781    4650   11726    0.     0.     0.     0.
    Missouri             4878    2965    3712   11555    0.     0.     0.     0.
    Nebraska             6235    2974    6418   15627    0.     0.     0.     0.
    North Dakota        2xxx*    3856   3xxx*    9952  -63.A    0.    63.A    0.
    Ohio                 9932    1821    8186   19939    0.     0.     0.     0.
    Oklahoma            10858    2493    3276   16627    0.     0.     0.     0.
    South Dakota            0    2040    4948    6988    0.     0.    -2.A   -2.A
    Tennessee            5xx*   1xxx*   4xxx*    6211   26.w -109.A   83.A    0.
    Wisconsin            6895       0    1xxx*    8010  -53.A    0.    53.w    0.
PAD District III        10582   14268   24802   49652    0.     0.     0.     0.
    Alabama                 0       0    7554    7554    0.     0.    -2.A   -2.A
    Arkansas            1xxx*    2520   5xxx*    9145   75.A    0.   -75.A    0.
    Louisiana               0    6205    4003   10208    0.     0.     0.     0.
    Mississippi         2xxx*       0   2xxx*    4657  -75.A    0.    75.A    0.
    New Mexico           7421    4451    5082   16954    0.     0.     0.     0.
    Texas                   0    1092     5x*    1134    0.     0.     2.w    2.A
PAD District IV         20750   15061   17089   52900    0.     0.     0.     0.
    Colorado                0    7132       0    7132    0.     0.     0.     0.
    Idaho                1707    8xx*    6724    9279    9.A  -44.w    0.   -35.A
    Montana              3xx*    5542    6898   12793   -9.A   44.A    0.    35.A
    Utah                12230    1539    3467   17236    0.     0.     0.     0.
    Wyoming              6460       0       0    6460    0.     0.     0.     0.
PAD District V          20961   26639   18692   66292    0.     0.     0.     0.
    Alaska               4735    2844    3594   11173    1.A    0.    -1.A    0.
    Arizona             2xxx*       0   1xxx*    3786   58.A    0.   -58.A    0.
    California           3856    1863    5089   10808   20.A    0.   -10.A   10.A
    Hawaii               2614       0    2544    5158    0.     0.     0.     0.
    Nevada               2991    4665    4xx*    8121    0.   -42.A   42.w    0.
    Oregon              1xxx*   17267   30xx*   21997  -87.w   42.A   35.A  -10.A
    Washington           2699       0    2550    5249    8.A    0.    -8.A    0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%
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CTA Based Table 02 [ TARGET SMALL CELLS ]        REFORM

                         DTW     RACK     BULK    TOTAL   < ---- Adjustments ---->
United States          172508   197789   208148   578445    0.     0.     0.     0.
PAD District I          72620    57379    61697   191696    0.     0.     0.     0.
  Subdistrict IA        22203    11875    21761    55839    0.     0.     0.     0.
    Connecticut          5986     1286    30xx*    10311   39.A    2.A -41.A    0.
    Maine                6252     2346    12868    21466    0.     0.     0.     0.
    Massachusetts        1839     3405     1xxx*    6365    0.     0.    53.w   53.A
    New Hampshire        4718     2xxx*    3xxx*   10749    0.    57.A -57.A    0.
    Rhode Island            0      xxx*       0     xxx*    0.   -59.w    0.   -59.w
    Vermont             34xx*     2011    10xx*     6414  -39.A    0.    45.p    6.A
  Subdistrict IB        34305    20449    19914    74668    0.     0.     0.     0.
    Delaware             7416     1xxx*    3xxx*   12720    0.    68.w -68.A    0.
    District of Columbia 5563     8643     7070    21276    0.     0.     0.     0.
    Maryland             3311      9xx*    35xx*    7755    0.    42.w -42.A    0.
    New Jersey           9858      375      584    10817    0.     0.     0.     0.
    New York             4092     6835      7xx*   11645    0.   -13.A  13.A    0.
    Pennsylvania         4065     2xxx*    4xxx*   10455    0.   -97.A  97.A    0.
  Subdistrict IC        16112    25055    20022    61189    0.     0.     0.     0.
    Florida                 0     5571     1847     7418    0.     0.     0.     0.
    Georgia              5157      xxx*    2xxx*    8238   -9.A   88.w -79.A    0.
    North Carolina       2204        0     1812     4016    0.     0.     0.     0.
    South Carolina          0    12556     4720    17276    0.     0.     0.     0.
    Virginia             2830     2xxx*    8479    13346   22.A  -51.A  29.A    0.
    West Virginia        5921     3920     1xxx*   10895  -13.A  -37.A  50.w    0.
PAD District II         47207    70912    59961   178080    0.     0.     0.     0.
    Illinois                0     9156     3762    12918    0.   -14.A  12.A   -2.A
    Indiana              3225     1195        0     4420    0.     0.     0.     0.
    Iowa                 2171     5331     4561    12063    0.     0.     0.     0.
    Kansas              11020     6859      2xx*   18154  -27.A    0.    27.w    0.
    Kentucky                0     3649     6001     9650    0.    20.A -18.A    2.A
    Michigan             1074        0     2238     3312    0.     0.     0.     0.
    Minnesota            5030     7462     4386    16878    0.     0.     0.     0.
    Missouri              974     5459     3552     9985    0.     0.     0.     0.
    Nebraska             4550     8343     2852    15745    0.     0.     0.     0.
    North Dakota         6903     4878     3182    14963    0.     0.     0.     0.
    Ohio                 3687     2550     1905     8142    0.     0.     0.     0.
    Oklahoma             2238     1864     3453     7555    0.     0.     0.     0.
    South Dakota           24     9477    11671    21172    0.     0.     0.     0.
    Tennessee           16xx*    18xx*     8591    12128  -26.A   26.A    0.     0.
    Wisconsin           4xxx*    28xx*     3532    10995   53.A  -32.A -21.A    0.
PAD District III        26342    18475    31497    76314    0.     0.     0.     0.
    Alabama                 0     4649      9xx*    5545    0.   -25.A  27.A    2.A
    Arkansas             6xx*     4881     4093     9667   -9.p    0.     9.A    0.
    Louisiana            7502      807     5716    14025    0.     0.     0.     0.
    Mississippi          2142     4xxx*    1xxx*    8072    9.A   69.A -78.w    0.
    New Mexico           6872     2836    16130    25838    0.     0.     0.     0.
    Texas                9133     8xx*    31xx*    13167    0.   -44.w  42.A   -2.A
PAD District IV         16777    21138    32444    70359    0.     0.     0.     0.
    Colorado             7968     3585    15573    27126    0.     0.     0.     0.
    Idaho                   0     9651     3012    12663    0.     0.     0.     0.
    Montana              5982    19xx*     8288    16168    0.    38.A -29.A    9.A
    Utah                    0     3xx*     4802     5146    0.   -38.w  29.A   -9.A
    Wyoming              2827     5660      769     9256    0.     0.     0.     0.
PAD District V           9562    29885    22549    61996    0.     0.     0.     0.
    Alaska               1x*     7862     1441     9321   -1.w    0.     1.A    0.
    Arizona             xxx*      828     1xxx*    2681  -58.A    0.    58.A    0.
    California           4117     5763     6143    16023  -20.A   20.A    0.     0.
    Hawaii               6x*     2044     2991     5089    2.w   -2.A    0.     0.
    Nevada                  0    12xx*     2476     3712    0.    24.A -24.A    0.
    Oregon              1xxx*     8798     5133    15164   77.w  -42.A -35.A    0.
    Washington           3494     3354     3158    10006    0.     0.     0.     0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%
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CTA Based Table 02 [ TARGET SMALL CELLS ]      ALL FORM

                          DTW     RACK     BULK    TOTAL    < ---- Adjustments ---->
United States           591889   555705   573481  1721075    0.     0.     0.     0.
PAD District I          203531   187271   169107   559909    0.     0.     0.     0.
  Subdistrict IA         77215    65043    58917   201175    0.     0.     0.     0.
    Connecticut          16751    13781     8853    39385    0.     0.     0.     0.
    Maine                20696     6832    16027    43555    0.     0.     0.     0.
    Massachusetts         4060    11447     4155    19662   39.A  -78.A  39.A   0.
    New Hampshire        17235     7093    13396    37724    0.    39.A -39.A   0.
    Rhode Island         10417    12453     6564    29434    0.     0.     0.     0.
    Vermont               8056    13437     9922    31415  -39.A  39.A    0.     0.
  Subdistrict IB         74836    43174    52562   170572    0.     0.     0.     0.
    Delaware             14996    3xxx*    11000    29257    0.    57.A -57.A   0.
    District of Columbia 14573    11368    15350    41291    0.     0.     0.     0.
    Maryland              3311     6590     6465    16366    0.     0.     0.     0.
    New Jersey           18856     1000     4416    24272    0.     0.     0.     0.
    New York              9666     8982     6286    24934    0.   -57.A  57.A   0.
    Pennsylvania         13434    11973     9045    34452    0.     0.     0.     0.
  Subdistrict IC         51480    79054    57628   188162    0.     0.     0.     0.
    Florida               6720    21550     4419    32689    0.     0.     0.     0.
    Georgia              18574     4481     9260    32315    0.     4.A   -4.A   0.
    North Carolina        4078     7502     9796    21376  -30.A   4.A   26.A   0.
    South Carolina        1540    31074     7582    40196    0.     0.     0.     0.
    Virginia             10915     5812    11936    28663   22.A    0.   -22.A   0.
    West Virginia         9653     8635    14635    32923    8.A   -8.A    0.     0.
PAD District II         199919   175761   197066   572746    0.     0.     0.     0.
    Illinois              8497    15434    15659    39590    0.    60.A -60.A   0.
    Indiana               7383    14060     5790    27233  -19.A    0.   39.A  20.A
    Iowa                  4880    14798    20733    40411    0.     0.     0.     0.
    Kansas               16743    18160     4186    39089  -36.A  36.A    0.     0.
    Kentucky              9190     6342    19141    34673    0.   -41.A  21.A -20.A
    Michigan             12018    2xxx*    10498    25446   55.A  -55.A    0.     0.
    Minnesota            21227    12671    26220    60118    0.     0.     0.     0.
    Missouri             15545    12174     7264    34983    0.     0.     0.     0.
    Nebraska             25425    14550    17610    57585    0.     0.     0.     0.
    North Dakota         10443    22477     8154    41074    0.     0.     0.     0.
    Ohio                 24618    10483    15232    50333    0.     0.     0.     0.
    Oklahoma             16828     8571    10279    35678    0.     0.     0.     0.
    South Dakota            24    12670    16661    29355    0.     0.     0.     0.
    Tennessee             2242     4328    13334    19904    0.     0.     0.     0.
    Wisconsin            24856     6113     6305    37274    0.     0.     0.     0.
PAD District III         69761    63949    79438   213148    0.     0.     0.     0.
    Alabama              15332     4983    13723    34038    0.   -25.A  25.A   0.
    Arkansas              5998    15443    12662    34103    0.     0.     0.     0.
    Louisiana             7502    12006    15614    35122    0.     0.     0.     0.
    Mississippi           6937    16185    5xxx*    28363    0.    69.A -69.A   0.
    New Mexico           22103    13386    25184    60673    0.     0.     0.     0.
    Texas                11889    19xx*     7014    20849    0.   -44.A  44.A   0.
PAD District IV          51300    46380    68593   166273    0.     0.     0.     0.
    Colorado             12208    14668    23449    50325    0.     0.     0.     0.
    Idaho                 7307    13487     9736    30530   31.A  -66.A    0.   -35.A
    Montana               6798     8753    21942    37493  -60.A  13.A   47.A   0.
    Utah                 13657    18xx*    10792    26332   29.A  -38.A    0.    -9.A
    Wyoming              11330    7xxx*    26xx*    21593    0.    91.A -47.A  44.A
PAD District V           67378    82344    59277   208999    0.     0.     0.     0.
    Alaska                6958    14946    13423    35327    0.     0.     0.     0.
    Arizona               4424      828     2582     7834    0.     0.     0.     0.
    California           12565     7723    11232    31520    0.    10.A -10.A   0.
    Hawaii               13897     8334     9017    31248    0.     0.     0.     0.
    Nevada                5474    14306     8337    28117    0.   -10.A  10.A   0.
    Oregon                7623    32853     8208    48684    0.     0.     0.     0.
    Washington           16437     3354     6478    26269    0.     0.     0.     0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%
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CTA Based Table 01 [ TARGET LARGE CELLS ]      REGULAR

                         DTW     RACK     BULK     TOTAL  < ---- Adjustments ---->
United States         188xxx* 218xxx* 169xxx*   577xxx* -130.A 113.A -61.A -78.A
PAD District I         646xx*  73xxx*  65xxx*   203xxx*   -8.A  69.A-143.A -82.A
  Subdistrict IA       253xx*  287xx*   16952     71046   -8.A   8.A   0.    0.
    Connecticut         6258    1494    1700      9452    0.    0.    0.    0.
    Maine               3936    4719    4429     13084    0.    0.    0.    0.
    Massachusetts         1xx*   38xx*      0      4012   -8.w   8.A   0.    0.
    New Hampshire       7879       0    3188     11067    0.    0.    0.    0.
    Rhode Island        1748    6224    3976     11948    0.    0.    0.    0.
    Vermont             5321   12503    3659     21483    0.    0.    0.    0.
  Subdistrict IB       19417   165xx*  22xxx*   582xx*    0.   48.A -61.A -13.A
    Delaware            6978    24xx*   4272     137xx*    0.   48.A   0.   48.A
    District of Columbia 2253    5070   11338     18661    0.    0.    0.    0.
    Maryland            3311    1836    1xxx*     6xxx*    0.    0.  -60.w -60.A
    New Jersey          6875       0     144      7019    0.    0.    0.    0.
    New York               0     648    7xx*     13xx*    0.    0.  -39.w -39.A
    Pennsylvania           0    6539    47xx*    113xx*    0.    0.   38.A  38.A
  Subdistrict IC       19894   277xx*  26xxx*   73xxx*    0.   13.A -82.A -69.A
    Florida                0   10857    18xx*    126xx*    0.    0.  -17.A -17.A
    Georgia             9961       0       0      9961    0.    0.    0.    0.
    North Carolina      2268    72xx*   8xxx*    17xxx*    0.   13.A -65.A -52.A
    South Carolina      1195    5887    7582     14664    0.    0.    0.    0.
    Virginia            3560       0    3625      7185    0.    0.    0.    0.
    West Virginia       2910    3751    4815     11476    0.    0.    0.    0.
PAD District II        76xxx*  62147   54xxx*   193xxx*  -71.A   0.  126.A  55.A
    Illinois            4128       0       0      4128    0.    0.    0.    0.
    Indiana             45xx*      0    38xx*     8459   -14.A   0.   14.A   0.
    Iowa                1149    4196    4216      9561    0.    0.    0.    0.
    Kansas              11xx*   10330    2xxx*   24xxx*  -57.A   0.  112.A  55.A
    Kentucky            5826    2787    6523     15136    0.    0.    0.    0.
    Michigan            2022       0    6668      8690    0.    0.    0.    0.
    Minnesota           6400    3694    1332     11426    0.    0.    0.    0.
    Missouri            5915   10385    3934     20234    0.    0.    0.    0.
    Nebraska            2652    7667     942     11261    0.    0.    0.    0.
    North Dakota        4671    8286       0     12957    0.    0.    0.    0.
    Ohio                7197       0    3477     10674    0.    0.    0.    0.
    Oklahoma            4030    1864    4339     10233    0.    0.    0.    0.
    South Dakota          24   11013    5526     16563    0.    0.    0.    0.
    Tennessee           2242     645    8325     11212    0.    0.    0.    0.
    Wisconsin          13309    1280    3720     18309    0.    0.    0.    0.
PAD District III       15248   237xx*   26417   653xx*    0.  -19.A   0.  -19.A
    Alabama             3504    2xx*    2856     66xx*    0.   25.w   0.   25.A
    Arkansas            1598    5628    6358     13584    0.    0.    0.    0.
    Louisiana              0    3088    4667      7755    0.    0.    0.    0.
    Mississippi          666    8925    2980     12571    0.    0.    0.    0.
    New Mexico          8410    4928    6696     20034    0.    0.    0.    0.
    Texas               1070    8xx*    2860     47xx*    0.  -44.w   0.  -44.A
PAD District IV        13xxx*  23xxx*  84xx*    451xx*  -51.A 132.A -44.A  37.A
    Colorado               0    8772    5637     14409    0.    0.    0.    0.
    Idaho                925    1xxx*   8xx*     2xxx*    0.   94.w -44.w  50.A
    Montana             xxx*    7358       0     7xxx*  -51.w   0.    0.  -51.A
    Utah                5676    4xx*       0     61xx*    0.   38.w   0.   38.A
    Wyoming             6446    5660    1952     14058    0.    0.    0.    0.
PAD District V         19060   36xxx*   14709   70xxx*    0.  -69.A   0.  -69.A
    Alaska                 0    7948    4300     12248    0.    0.    0.    0.
    Arizona             2721     828    2189      5738    0.    0.    0.    0.
    California          3792    3xxx*   2251     9xxx*    0.  -69.A   0.  -69.A
    Hawaii              1038    6141     327      7506    0.    0.    0.    0.
    Nevada              2555    3522       0      6077    0.    0.    0.    0.
    Oregon                 0   14325    3040     17365    0.    0.    0.    0.
    Washington          8954       0    2602     11556    0.    0.    0.    0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds  .000%
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CTA Based Table 01 [ TARGET LARGE CELLS ]      MID-GRADE

                          DTW      RACK     BULK    TOTAL   < ---- Adjustments ---->
United States           2340xx* 1704xx* 210xxx*  614xxx*  -49.A  23.A 121.A  95.A
PAD District I           689xx*  600xx*  45xxx* 1747xx*   -49.A -28.A 100.A  23.A
  Subdistrict IA          22xxx*  196xx*   17765   60xxx*  -84.A  17.A   0.  -67.A
    Connecticut           3672    10737    1551    15960    0.     0.     0.    0.
    Maine                 9886     2113    7014    19013    0.     0.     0.    0.
    Massachusetts         1xxx*    34xx*      0    5xxx*   -84.w  17.A   0.  -67.A
    New Hampshire         1456     1743    8119    11318    0.     0.     0.    0.
    Rhode Island          5604      755       0     6359    0.     0.     0.    0.
    Vermont                710      895    1081     2686    0.     0.     0.    0.
  Subdistrict IB         33509    145xx*  126xx*  606xx*    0.   -32.A  18.A -14.A
    Delaware              1386        0    3617     5003    0.     0.     0.    0.
    District of Columbia  7460     4758       0    12218    0.     0.     0.    0.
    Maryland                 0     3902    44xx*    83xx*    0.     0.    18.A  18.A
    New Jersey            4795      375     440     5610    0.     0.     0.    0.
    New York              6434    20xx*     705    91xx*    0.   -32.p   0.  -32.A
    Pennsylvania         13434     3480    3451    20365    0.     0.     0.    0.
  Subdistrict IC         125xx*   258xx*  15xxx*   53xxx*   35.A -13.A  82.A 104.A
    Florida               3200     5264    1xxx*    9xxx*    0.     0.    82.w  82.A
    Georgia                  0     2122    2661     4783    0.     0.     0.    0.
    North Carolina        7xx*     2xx*       0    10xx*    35.w -13.w   0.   22.A
    South Carolina         345    14094       0    14439    0.     0.     0.    0.
    Virginia              4853     1724    8333    14910    0.     0.     0.    0.
    West Virginia         3359     2376    3312     9047    0.     0.     0.    0.
PAD District II          7492x*   67xxx*  786xx*  221xxx*   1.A  101.A -30.A  72.A
    Illinois              3xx*    141xx*   3750    1825x*   15.w -14.A   0.    1.A
    Indiana               xxx*    14060    1905    16xxx*  -83.w   0.     0.  -83.A
    Iowa                  3319     4704   12645    20668    0.     0.     0.    0.
    Kansas                1xxx*    7794    5xx*     98xx*   69.w   0.   -30.w  39.A
    Kentucky              3364     xxx*    7962    12xxx*    0.    61.w   0.   61.A
    Michigan              9941    1xxx*       0    11xxx*    0.    54.w   0.   54.A
    Minnesota             6756     3833   22520    33109    0.     0.     0.    0.
    Missouri              5075     1769    3330    10174    0.     0.     0.    0.
    Nebraska             16463     1526    4481    22470    0.     0.     0.    0.
    North Dakota          5772     5558    8154    19484    0.     0.     0.    0.
    Ohio                 10728     6112    5048    21888    0.     0.     0.    0.
    Oklahoma              1480     3090    3276     7846    0.     0.     0.    0.
    South Dakota             0     1153    4227     5380    0.     0.     0.    0.
    Tennessee                0     1448     543     1991    0.     0.     0.    0.
    Wisconsin             9470      819     212    10501    0.     0.     0.    0.
PAD District III        33192    13706   359xx*   828xx*    0.     0.    18.A  18.A
    Alabama               9144       75    9977    19196    0.     0.     0.    0.
    Arkansas                 0        0    1448     1448    0.     0.     0.    0.
    Louisiana             5772     3596    9xxx*    19xxx*   0.     0.    57.A  57.A
    Mississippi           5261     6399    2330    13990    0.     0.     0.    0.
    New Mexico            8475     3636   10033    22144    0.     0.     0.    0.
    Texas                 4540        0    22xx*    68xx*    0.     0.   -39.A -39.A
PAD District IV         26384    13xxx*  338xx*   739xx*    0.   -50.A  44.A  -6.A
    Colorado              9457     4440    8352    22249    0.     0.     0.    0.
    Idaho                 6351    9xxx*    89xx*   245xx*    0.   -50.A  44.A  -6.A
    Montana               6344        0   11850    18194    0.     0.     0.    0.
    Utah                  4232        0    4776     9008    0.     0.     0.    0.
    Wyoming                  0        0       0        0    0.     0.     0.    0.
PAD District V          3060x*   15112   158xx*   615xx*   -1.A   0.   -11.A -12.A
    Alaska                6939        0    3871    10810    0.     0.     0.    0.
    Arizona                583        0     363      946    0.     0.     0.    0.
    California            5734     3083    6579    15396    0.     0.     0.    0.
    Hawaii                913x*     147    2664    1194x*    2.A    0.     0.    2.A
    Nevada                5xx*     2606    20xx*    5201   -29.w   0.    29.A   0.
    Oregon                46xx*    6009       0    106xx*   26.A    0.     0.   26.A
    Washington            3058     3267    3xx*     66xx*    0.     0.   -40.w -40.A
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds  .000%
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CTA Based Table 01 [ TARGET LARGE CELLS ]      PREMIUM

                         DTW     RACK    BULK    TOTAL   < ---- Adjustments ---->
United States          169xxx* 166xxx* 193xxx*  5294xx* 147.A-236.A  72.A -17.A
PAD District I          699xx*  541xx*  57xxx*  182xxx*  49.A -16.A  81.A 114.A
   Subdistrict IA        28xxx*  16615   24200   69xxx*  84.A   0.    0.   84.A
      Connecticut         6821    1550    5602    13973   0.    0.    0.    0.
      Maine               6874       0    4584    11458   0.    0.    0.    0.
      Massachusetts       2xxx*   4280    4116   10xxx*  84.A   0.    0.   84.A
      New Hampshire       7900    5311    2128    15339   0.    0.    0.    0.
      Rhode Island        3065    5474    2588    11127   0.    0.    0.    0.
      Vermont             2064       0    5182     7246   0.    0.    0.    0.
   Subdistrict IB        21910   120xx*  17xxx*  51xxx*   0.  -16.A  81.A  65.A
      Delaware            6632     804    3168    10604   0.    0.    0.    0.
      District of Columbia 4860   1540    4012    10412   0.    0.    0.    0.
      Maryland               0    8xx*   10xx*     1848   0.  -42.w  42.A   0.
      New Jersey          7186     625    3832    11643   0.    0.    0.    0.
      New York            3232    63xx*   47xx*  14xxx*   0.   26.A  39.A  65.A
      Pennsylvania           0    1954     876     2830   0.    0.    0.    0.
   Subdistrict IC        190xx*  25481   15988   605xx*  -35.A  0.    0.  -35.A
      Florida             3520    5429    1xxx*  10xxx*   0.    0.  -65.A -65.A
      Georgia             8613    2355    6603    17571   0.    0.    0.    0.
      North Carolina      10xx*      0    1xxx*    24xx*  -35.A  0.   65.w  30.A
      South Carolina         0   11093       0    11093   0.    0.    0.    0.
      Virginia            2480    4088       0     6568   0.    0.    0.    0.
      West Virginia       3376    2516    6508    12400   0.    0.    0.    0.
PAD District II          48xxx*  45xxx*  63xxx* 158xxx*  97.A-114.A -82.A -99.A
      Illinois            4053    1xxx*   11969   17xxx*   0.  -60.w   0.  -60.A
      Indiana             2xxx*      0       0    2xxx*  97.w   0.    0.   97.w
      Iowa                 412    5898    3872    10182   0.    0.    0.    0.
      Kansas              3393       0    1xxx*    4xxx*   0.    0.  -82.w -82.A
      Kentucky               0    2984    4635     7619   0.    0.    0.    0.
      Michigan               0    1xxx*   3830    5xxx*   0.  -54.A   0.  -54.A
      Minnesota           8071    5144    2368    15583   0.    0.    0.    0.
      Missouri            4555      20       0     4575   0.    0.    0.    0.
      Nebraska            6310    5357   12187    23854   0.    0.    0.    0.
      North Dakota           0    8633       0     8633   0.    0.    0.    0.
      Ohio                6693    4371    6707    17771   0.    0.    0.    0.
      Oklahoma           11318    3617    2664    17599   0.    0.    0.    0.
      South Dakota           0     504    6908     7412   0.    0.    0.    0.
      Tennessee              0    2235    4466     6701   0.    0.    0.    0.
      Wisconsin           2077    4014    2373     8464   0.    0.    0.    0.
PAD District III        21321   264xx*  171xx*  649xx*   0.  -25.A  33.A   8.A
      Alabama             2684    46xx*    865    81xx*   0.  -25.A   0.  -25.A
      Arkansas            4400    9815    4856    19071   0.    0.    0.    0.
      Louisiana           1730    5322    1xxx*   8xxx*   0.    0.  -57.w -57.A
      Mississippi         1010     792       0     1802   0.    0.    0.    0.
      New Mexico          5218    4822    8455    18495   0.    0.    0.    0.
      Texas               6279    1092    1xxx*   9xxx*   0.    0.   90.w  90.A
PAD District IV         11355    9xxx*   26290   46xxx*   0. -160.A   0. -160.A
      Colorado            2751    1456    9460    13667   0.    0.    0.    0.
      Idaho                  0    3260       0     3260   0.    0.    0.    0.
      Montana                0    1xxx*   10045   11xxx*   0.  -69.w   0.  -69.A
      Utah                3720    1539    6016    11275   0.    0.    0.    0.
      Wyoming             4884    1xxx*    769    7xxx*   0.  -91.w   0.  -91.A
PAD District V          1772x*  30xxx*  287xx*  77xxx*   1.A  79.A  40.A 120.A
      Alaska              3x*    6998    5252   1228x*   1.w   0.    0.    1.A
      Arizona             1120       0      30     1150   0.    0.    0.    0.
      California          3039    xxx*    2412    6xxx*   0.   79.w   0.   79.A
      Hawaii              3736    2046    6026    11808   0.    0.    0.    0.
      Nevada              2337    8188    6314    16839   0.    0.    0.    0.
      Oregon              3038   12519    5168    20725   0.    0.    0.    0.
      Washington          4425      87    35xx*   80xx*   0.    0.   40.A  40.A
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds   .000%
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CTA Based Table 01 [ TARGET LARGE CELLS ]       ALL GRADE

                          DTW     RACK     BULK    TOTAL   < ---- Adjustments ---->
United States           5918xx* 555xxx* 573xxx* 1721075   -32.A-100.A 132.A    0.
PAD District I          2035xx* 1873xx* 1691xx*  559xxx*   -8.A   25.A  38.A   55.A
   Subdistrict IA        772xx*  650xx*  58917   2012xx*   -8.A   25.A   0.    17.A
      Connecticut        16751   13781    8853    39385     0.     0.    0.     0.
      Maine              20696    6832   16027    43555     0.     0.    0.     0.
      Massachusetts       40xx*  115xx*   4116    196xx*   -8.A   25.A   0.    17.A
      New Hampshire      17235    7054   13435    37724     0.     0.    0.     0.
      Rhode Island       10417   12453    6564    29434     0.     0.    0.     0.
      Vermont             8095   13398    9922    31415     0.     0.    0.     0.
   Subdistrict IB        74836   43174   526xx*  1706xx*    0.     0.   38.A   38.A
      Delaware           14996    32xx*  11057    293xx*    0.    48.A   0.    48.A
      District of Columbia 14573 11368   15350    41291     0.     0.    0.     0.
      Maryland            3311    65xx*   6465    163xx*    0.   -42.A   0.   -42.A
      New Jersey         18856    1000    4416    24272     0.     0.    0.     0.
      New York            9666    90xx*   6229    249xx*    0.    -6.A   0.    -6.A
      Pennsylvania       13434   11973    90xx*   345xx*    0.     0.   38.A   38.A
   Subdistrict IC        51480   79054   57628   188162     0.     0.    0.     0.
      Florida             6720   21550    4419    32689     0.     0.    0.     0.
      Georgia            18574    4477    9264    32315     0.     0.    0.     0.
      North Carolina      4108    7498    9770    21376     0.     0.    0.     0.
      South Carolina      1540   31074    7582    40196     0.     0.    0.     0.
      Virginia           10893    5812   11958    28663     0.     0.    0.     0.
      West Virginia       9645    8643   14635    32923     0.     0.    0.     0.
PAD District II         1999xx* 1757xx* 1970xx*  5727xx*   27.A  -13.A  14.A   28.A
      Illinois            85xx*   15xxx*  15719    39xxx*   15.A  -74.A   0.   -59.A
      Indiana             7402   14060    57xx*   272xx*    0.     0.   14.A   14.A
      Iowa                4880   14798   20733    40411     0.     0.    0.     0.
      Kansas             168xx*  18124    4186    391xx*   12.A    0.    0.    12.A
      Kentucky            9190    6xxx*  19120    34xxx*    0.    61.A   0.    61.A
      Michigan           11963    2985   10498    25446     0.     0.    0.     0.
      Minnesota          21227   12671   26220    60118     0.     0.    0.     0.
      Missouri           15545   12174    7264    34983     0.     0.    0.     0.
      Nebraska           25425   14550   17610    57585     0.     0.    0.     0.
      North Dakota       10443   22477    8154    41074     0.     0.    0.     0.
      Ohio               24618   10483   15232    50333     0.     0.    0.     0.
      Oklahoma           16828    8571   10279    35678     0.     0.    0.     0.
      South Dakota          24   12670   16661    29355     0.     0.    0.     0.
      Tennessee           2242    4328   13334    19904     0.     0.    0.     0.
      Wisconsin          24856    6113    6305    37274     0.     0.    0.     0.
PAD District III        69761    639xx*  79xxx*  2131xx*    0.   -44.A  51.A    7.A
      Alabama            15332    5008   13698    34038     0.     0.    0.     0.
      Arkansas            5998   15443   12662    34103     0.     0.    0.     0.
      Louisiana           7502   12006   15614    35122     0.     0.    0.     0.
      Mississippi         6937   16116    5310    28363     0.     0.    0.     0.
      New Mexico         22103   13386   25184    60673     0.     0.    0.     0.
      Texas              11889    19xx*   7xxx*   208xx*    0.   -44.A  51.A    7.A
PAD District IV          51xxx*  46xxx*  68593   166xxx*  -51.A  -78.A   0.  -129.A
      Colorado           12208   14668   23449    50325     0.     0.    0.     0.
      Idaho               7276   136xx*   9736    306xx*    0.    44.A   0.    44.A
      Montana             6xxx*   8xxx*  21895    37xxx*  -51.A  -69.A   0.  -120.A
      Utah               13628    19xx*  10792    263xx*    0.    38.A   0.    38.A
      Wyoming            11330    7xxx*   2721    21xxx*    0.   -91.A   0.   -91.A
PAD District V          67378    823xx*  593xx*  2090xx*    0.    10.A  29.A   39.A
      Alaska              696x*  14946   13423    3533x*    1.A    0.    0.     1.A
      Arizona             4424     828    2582     7834     0.     0.    0.     0.
      California         12565    77xx*  11242    315xx*    0.    10.A   0.    10.A
      Hawaii             1390x*   8334    9017    3126x*    2.A    0.    0.     2.A
      Nevada              54xx*  14316    83xx*   28117   -29.A    0.   29.A    0.
      Oregon              76xx*  32853    8208    487xx*   26.A    0.    0.    26.A
      Washington         16437    3354    6478    26269     0.     0.    0.     0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds  .000%
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CTA Based Table 02 [ TARGET LARGE CELLS ]        CONVEN

                         DTW     RACK     BULK    TOTAL  < ---- Adjustments ---->
United States          233xxx* 200xxx* 1892xx*  622xxx* -175.A-286.A -20.A-481.A
PAD District I          681xx*  69xxx*  558xx*  194xxx*  -21.A-107.A  45.A -83.A
   Subdistrict IA       18833   32xxx*  160xx*   673xx*    0.  -77.A  45.A -32.A
      Connecticut        5274    6611    4129     16014    0.    0.    0.    0.
      Maine              1672    3008       0      4680    0.    0.    0.    0.
      Massachusetts      2010    6548       0      8558    0.    0.    0.    0.
      New Hampshire      6069     3xx*    2232     86xx*    0.  -18.w   0.  -18.A
      Rhode Island       3808     9xxx*   2815     16xxx*   0.  -59.A   0.  -59.A
      Vermont               0    6439     69xx*   133xx*    0.    0.   45.A  45.A
   Subdistrict IB       24411    99xx*   20109    544xx*    0.  -26.A   0.  -26.A
      Delaware           2184    18xx*    1804     58xx*    0.  -20.A   0.  -20.A
      District of Columbia 3892     0     7340     11232    0.    0.    0.    0.
      Maryland              0    5738     1941      7679    0.    0.    0.    0.
      New Jersey         5261     625        0      5886    0.    0.    0.    0.
      New York           3705      xx*    4780     85xx*    0.   -6.w   0.   -6.A
      Pennsylvania       9369    1680     4244     15293    0.    0.    0.    0.
   Subdistrict IC       249xx*   2765x*  19691    722xx*  -21.A   -4.A   0.  -25.A
      Florida            5865   12510     1613     19988    0.    0.    0.    0.
      Georgia           104xx*    2xxx*   6223     18xxx*  25.A  -88.A   0.  -63.A
      North Carolina      8xx*    xxx*    4633      64xx*  -46.w   84.w   0.   38.A
      South Carolina        0    9802        0      9802    0.    0.    0.    0.
      Virginia           4216       0     2486      6702    0.    0.    0.    0.
      West Virginia      3500    2376     4736     10612    0.    0.    0.    0.
PAD District II         818xx*  631xx*  732xx*  21822x*   14.A  -29.A  14.A   -1.A
   Illinois              72xx*   5456     2975    156xx*   15.A    0.    0.   15.A
   Indiana               1xxx*   5561     1xxx*    85xx*  -64.w    0.   84.w  20.A
   Iowa                   596    5008    10282     15886    0.    0.    0.    0.
   Kansas                2756    5844     3xxx*    11xxx*    0.    0.  -68.A -68.A
   Kentucky                 0     xxx*    9280      9xxx*    0.   61.w   0.   61.A
   Michigan              4351     1xxx*   8260     14xxx*    0.  -90.w   0.  -90.A
   Minnesota            11902    2428    17184     31514    0.    0.    0.    0.
   Missouri              9693    3750        0     13443    0.    0.    0.    0.
   Nebraska             14640    3233     8340     26213    0.    0.    0.    0.
   North Dakota          1xxx*  13743     1140     16xxx*   63.w    0.    0.   63.A
   Ohio                 10999    6112     5141     22252    0.    0.    0.    0.
   Oklahoma              3732    4214     3550     11496    0.    0.    0.    0.
   South Dakota             0    1153       3x*    119x*    0.    0.   -2.w  -2.A
   Tennessee                0    1055      510      1565    0.    0.    0.    0.
   Wisconsin            13336    3243     1690     18269    0.    0.    0.    0.
PAD District III       3284x*  31206    23xxx*    87xxx*   1.A    0.  -66.A -65.A
   Alabama              15332     334     5273     20939    0.    0.    0.    0.
   Arkansas              437x*   8042     2881     1530x*   1.A    0.    0.    1.A
   Louisiana                0    4994     5895     10889    0.    0.    0.    0.
   Mississippi           2571   11737     1xxx*    15xxx*   0.    0.  -66.w -66.A
   New Mexico            7810    6099     3972     17881    0.    0.    0.    0.
   Texas                 2756       0     3792      6548    0.    0.    0.    0.
PAD District IV        13xxx*  10xxx*   19060     42xxx*  -51.A-160.A   0.  -211.A
   Colorado              4240    3951     7876     16067    0.    0.    0.    0.
   Idaho                 5578    3010        0      8588    0.    0.    0.    0.
   Montana                xxx*    1xxx*   6680      8xxx*  -51.w  -69.w   0.  -120.A
   Utah                  1398       0     2552      3950    0.    0.    0.    0.
   Wyoming               2043     1xxx*   1952      5xxx*    0.  -91.w   0.  -91.A
PAD District V          36xxx*  258xx*  180xx*    80xxx* -118.A  10.A -13.A-121.A
   Alaska                2205    4240     8388     14833    0.    0.    0.    0.
   Arizona               1367       0        0      1367    0.    0.    0.    0.
   California            4592     1xx*       0      47xx*    0.   10.w   0.   10.A
   Hawaii               11231    6288     3482     21001    0.    0.    0.    0.
   Nevada                2483    8397     53xx*    162xx*    0.    0.  -13.A -13.A
   Oregon                4xxx*   6788        0     11xxx* -118.A   0.    0.  -118.A
   Washington           10252       0      762     11014    0.    0.    0.    0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds  .000%
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CTA Based Table 02 [ TARGET LARGE CELLS ]        OXYGEN
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	DTW	RACK	BULK	TOTAL	< ---- Adjustments ---->			
United States	186xxx*	157xxx*	176xxx*	519xxx*	161.A	72.A	227.A	460.A
PAD District I	627xx*	598xx*	51xxx*	174xxx*	13.A	12.A	86.A	111.A
Subdistrict IA	361xx*	20xxx*	21xxx*	780xx*	-8.A	96.A	-53.A	35.A
Connecticut	5530	5886	1644	13060	0.	0.	0.	0.
Maine	12772	1478	3159	17409	0.	0.	0.	0.
Massachusetts	1xx*	1xxx*	2xxx*	48xx*	-8.w	78.w	-53.A	17.A
New Hampshire	6448	44xx*	7408	183xx*	0.	18.A	0.	18.A
Rhode Island	6609	2354	3749	12712	0.	0.	0.	0.
Vermont	4648	4948	2104	11700	0.	0.	0.	0.
Subdistrict IB	16120	12775	125xx*	414xx*	0.	0.	38.A	38.A
Delaware	5396	0	5313	10709	0.	0.	0.	0.
District of Columbia	5118	2725	940	8783	0.	0.	0.	0.
Maryland	0	0	932	932	0.	0.	0.	0.
New Jersey	3737	0	3832	7569	0.	0.	0.	0.
New York	1869	2124	744	4737	0.	0.	0.	0.
Pennsylvania	0	7926	8xx*	87xx*	0.	0.	38.w	38.A
Subdistrict IC	104xx*	26xxx*	18xxx*	547xx*	21.A	-84.A	101.A	38.A
Florida	855	3469	959	5283	0.	0.	0.	0.
Georgia	2965	1472	852	5289	0.	0.	0.	0.
North Carolina	974	6xxx*	3325	10xxx*	0.	-84.A	0.	-84.A
South Carolina	1540	8716	2862	13118	0.	0.	0.	0.
Virginia	3869	3724	1xxx*	8xxx*	0.	0.	51.w	51.A
West Virginia	2xx*	2310	8xxx*	11xxx*	21.w	0.	50.A	71.A
PAD District II	71xxx*	416xx*	638xx*	176xxx*	90.A	16.A	-43.A	63.A
Illinois	1257	xxx*	8994	10xxx*	0.	-74.w	0.	-74.A
Indiana	2xxx*	7304	4xxx*	142xx*	64.A	0.	-70.A	-6.A
Iowa	2113	4459	5890	12462	0.	0.	0.	0.
Kansas	2976	5421	xxx*	9xxx*	0.	0.	80.w	80.A
Kentucky	9190	2142	3821	15153	0.	0.	0.	0.
Michigan	6538	1xxx*	0	7xxx*	0.	90.A	0.	90.A
Minnesota	4295	2781	4650	11726	0.	0.	0.	0.
Missouri	4878	2965	3712	11555	0.	0.	0.	0.
Nebraska	6235	2974	6418	15627	0.	0.	0.	0.
North Dakota	2264	3856	3832	9952	0.	0.	0.	0.
Ohio	9932	1821	8186	19939	0.	0.	0.	0.
Oklahoma	10858	2493	3276	16627	0.	0.	0.	0.
South Dakota	0	2040	4950	6990	0.	0.	0.	0.
Tennessee	5xx*	1448	4233	62xx*	26.w	0.	0.	26.A
Wisconsin	6948	0	1xxx*	7xxx*	0.	0.	-53.w	-53.A
PAD District III	10582	14268	24xxx*	49xxx*	0.	0.	142.A	142.A
Alabama	0	0	7556	7556	0.	0.	0.	0.
Arkansas	928	2520	5697	9145	0.	0.	0.	0.
Louisiana	0	6205	4003	10208	0.	0.	0.	0.
Mississippi	2233	0	2xxx*	4xxx*	0.	0.	144.A	144.A
New Mexico	7421	4451	5082	16954	0.	0.	0.	0.
Texas	0	1092	3x*	113x*	0.	0.	-2.w	-2.A
PAD District IV	20750	151xx*	17089	529xx*	0.	44.A	0.	44.A
Colorado	0	7132	0	7132	0.	0.	0.	0.
Idaho	1698	9xx*	6724	93xx*	0.	44.w	0.	44.A
Montana	362	5498	6898	12758	0.	0.	0.	0.
Utah	12230	1539	3467	17236	0.	0.	0.	0.
Wyoming	6460	0	0	6460	0.	0.	0.	0.
PAD District V	21xxx*	26639	187xx*	66xxx*	58.A	0.	42.A	100.A
Alaska	4734	2844	3595	11173	0.	0.	0.	0.
Arizona	2353	0	1433	3786	0.	0.	0.	0.
California	3836	1863	5099	10798	0.	0.	0.	0.
Hawaii	2614	0	2544	5158	0.	0.	0.	0.
Nevada	29xx*	4707	4xx*	81xx*	-29.A	0.	42.w	13.A
Oregon	1xxx*	17225	3040	22xxx*	87.w	0.	0.	87.A
Washington	2691	0	2558	5249	0.	0.	0.	0.

* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .000%

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CTA Based Table 02 [ TARGET LARGE CELLS ]        REFORM

                          DTW     RACK     BULK     TOTAL   < ---- Adjustments ---->
United States           1724xx* 197xxx* 208xxx*   5784xx*  -18.A 114.A -75.A  21.A
PAD District I           72620   57xxx*  61xxx*  1917xx*     0.  120.A -93.A  27.A
   Subdistrict IA        22203   118xx*  217xx*   558xx*     0.    6.A   8.A  14.A
     Connecticut          5947    1284    3080    10311      0.    0.    0.    0.
     Maine                6252    2346   12868    21466      0.    0.    0.    0.
     Massachusetts        1839    3xxx*   1xxx*    6312      0.  -53.A  53.w   0.
     New Hampshire        4718    2236    3795    10749      0.    0.    0.    0.
     Rhode Island            0    xxx*       0     xxx*      0.   59.w   0.   59.w
     Vermont              3447    2011     9xx*    63xx*     0.    0.  -45.p -45.A
   Subdistrict IB        34305   204xx*  19914    747xx*     0.   26.A   0.   26.A
     Delaware             7416    1xxx*   3940    12xxx*     0.   68.w   0.   68.A
     District of Columbia 5563    8643    7070    21276      0.    0.    0.    0.
     Maryland             3311     8xx*   3592     77xx*     0.  -42.w   0.  -42.A
     New Jersey           9858     375     584    10817      0.    0.    0.    0.
     New York             4092    6848     705    11645      0.    0.    0.    0.
     Pennsylvania         4065    2367    4023    10455      0.    0.    0.    0.
   Subdistrict IC        16112   25xxx*  19xxx*   611xx*     0.   88.A-101.A -13.A
     Florida                 0    5571    1847     7418      0.    0.    0.    0.
     Georgia              51xx*    xxx*   2189     8xxx*   -25.A  88.w   0.   63.A
     North Carolina       22xx*      0    1812     40xx*    46.A   0.    0.   46.A
     South Carolina          0   12556    4720    17276      0.    0.    0.    0.
     Virginia             2808    2088     8xxx*   13xxx*    0.    0.  -51.A -51.A
     West Virginia        59xx*   3957     xxx*    10xxx*  -21.A   0.  -50.w -71.A
PAD District II          47xxx*  70912   600xx*  1780xx*  -77.A   0.   43.A -34.A
     Illinois                0    9170    3750    12920      0.    0.    0.    0.
     Indiana              3225    1195       0     4420      0.    0.    0.    0.
     Iowa                 2171    5331    4561    12063      0.    0.    0.    0.
     Kansas              110xx*   6859     2xx*    18154    12.A   0.  -12.w   0.
     Kentucky                0    3629    6019     9648      0.    0.    0.    0.
     Michigan             1074       0    2238     3312      0.    0.    0.    0.
     Minnesota            5030    7462    4386    16878      0.    0.    0.    0.
     Missouri              974    5459    3552     9985      0.    0.    0.    0.
     Nebraska             4550    8343    2852    15745      0.    0.    0.    0.
     North Dakota         6xxx*   4878    3182    14xxx*  -63.A   0.    0.  -63.A
     Ohio                 3687    2550    1905     8142      0.    0.    0.    0.
     Oklahoma             2238    1864    3453     7555      0.    0.    0.    0.
     South Dakota           24    9477   1168x*   2118x*     0.    0.    2.A   2.A
     Tennessee            16xx*   1825    8591    121xx*   -26.A   0.    0.  -26.A
     Wisconsin            4572    2870     3xxx*   11xxx*    0.    0.   53.A  53.A
PAD District III        2634x*  184xx*  314xx*   76xxx*   -1.A  -44.A -25.A -70.A
     Alabama                 0    4674     869     5543      0.    0.    0.    0.
     Arkansas             70x*    4881    4084     966x*    -1.p   0.    0.   -1.A
     Louisiana            7502     807    5716    14025      0.    0.    0.    0.
     Mississippi          2133    4379     1xxx*    7xxx*    0.    0.  -78.w -78.A
     New Mexico           6872    2836   16130    25838      0.    0.    0.    0.
     Texas                9133     8xx*    3xxx*   131xx*    0.  -44.w  53.A   9.A
PAD District IV          16777   211xx*  32444    704xx*     0.   38.A   0.   38.A
     Colorado             7968    3585   15573    27126      0.    0.    0.    0.
     Idaho                   0    9651    3012    12663      0.    0.    0.    0.
     Montana              5982    1860    8317    16159      0.    0.    0.    0.
     Utah                    0     4xx*   4773     52xx*     0.   38.w   0.   38.A
     Wyoming              2827    5660     769     9256      0.    0.    0.    0.
PAD District V           9xxx*   29885   22549    62xxx*   60.A   0.    0.   60.A
     Alaska               3x*     7862    1440     933x*    1.w    0.    0.    1.A
     Arizona               704     828    1149     2681      0.    0.    0.    0.
     California           4137    5743    6143    16023      0.    0.    0.    0.
     Hawaii               6x*     2046    2991     510x*    2.w    0.    0.    2.A
     Nevada                  0    1212    2500     3712      0.    0.    0.    0.
     Oregon               1xxx*   8840    5168    15xxx*   57.w    0.    0.   57.A
     Washington           3494    3354    3158    10006      0.    0.    0.    0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds  .000%
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CTA Based Table 02 [ TARGET LARGE CELLS ]      ALL FORM

                          DTW     RACK     BULK    TOTAL   < ---- Adjustments ---->
United States           5918xx*  555xxx*  573xxx* 1721075   -32.A-100.A 132.A    0.
PAD District I          2035xx*  1873xx*  1691xx*  559xxx*   -8.A  25.A  38.A   55.A
  Subdistrict IA         772xx*   650xx*   58917   2012xx*   -8.A  25.A   0.    17.A
    Connecticut          16751    13781     8853    39385     0.    0.    0.     0.
    Maine                20696     6832    16027    43555     0.    0.    0.     0.
    Massachusetts         40xx*   115xx*    4116    196xx*   -8.A  25.A   0.    17.A
    New Hampshire        17235     7054    13435    37724     0.    0.    0.     0.
    Rhode Island         10417    12453     6564    29434     0.    0.    0.     0.
    Vermont               8095    13398     9922    31415     0.    0.    0.     0.
  Subdistrict IB         74836    43174    526xx*  1706xx*    0.    0.   38.A   38.A
    Delaware             14996     32xx*   11057    293xx*    0.   48.A   0.    48.A
    District of Columbia 14573    11368    15350    41291     0.    0.    0.     0.
    Maryland              3311     65xx*    6465    163xx*    0.  -42.A   0.   -42.A
    New Jersey           18856     1000     4416    24272     0.    0.    0.     0.
    New York              9666     90xx*    6229    249xx*    0.   -6.A   0.    -6.A
    Pennsylvania         13434    11973     90xx*   345xx*    0.    0.   38.A   38.A
  Subdistrict IC         51480    79054    57628   188162     0.    0.    0.     0.
    Florida               6720    21550     4419    32689     0.    0.    0.     0.
    Georgia              18574     4477     9264    32315     0.    0.    0.     0.
    North Carolina        4108     7498     9770    21376     0.    0.    0.     0.
    South Carolina        1540    31074     7582    40196     0.    0.    0.     0.
    Virginia             10893     5812    11958    28663     0.    0.    0.     0.
    West Virginia         9645     8643    14635    32923     0.    0.    0.     0.
PAD District II         1999xx*  1757xx*  1970xx*  5727xx*   27.A -13.A  14.A   28.A
    Illinois              85xx*    15xxx*   15719    39xxx*   15.A -74.A   0.   -59.A
    Indiana               7402    14060     57xx*   272xx*    0.    0.   14.A   14.A
    Iowa                  4880    14798    20733    40411     0.    0.    0.     0.
    Kansas               168xx*   18124     4186    391xx*   12.A   0.    0.    12.A
    Kentucky              9190     6xxx*   19120    34xxx*    0.   61.A   0.    61.A
    Michigan             11963     2985    10498    25446     0.    0.    0.     0.
    Minnesota            21227    12671    26220    60118     0.    0.    0.     0.
    Missouri             15545    12174     7264    34983     0.    0.    0.     0.
    Nebraska             25425    14550    17610    57585     0.    0.    0.     0.
    North Dakota         10443    22477     8154    41074     0.    0.    0.     0.
    Ohio                 24618    10483    15232    50333     0.    0.    0.     0.
    Oklahoma             16828     8571    10279    35678     0.    0.    0.     0.
    South Dakota            24    12670    16661    29355     0.    0.    0.     0.
    Tennessee             2242     4328    13334    19904     0.    0.    0.     0.
    Wisconsin            24856     6113     6305    37274     0.    0.    0.     0.
PAD District III        69761    639xx*   79xxx*  2131xx*    0.  -44.A  51.A    7.A
    Alabama              15332     5008    13698    34038     0.    0.    0.     0.
    Arkansas              5998    15443    12662    34103     0.    0.    0.     0.
    Louisiana             7502    12006    15614    35122     0.    0.    0.     0.
    Mississippi           6937    16116     5310    28363     0.    0.    0.     0.
    New Mexico           22103    13386    25184    60673     0.    0.    0.     0.
    Texas                11889     19xx*    7xxx*   208xx*    0.  -44.A  51.A    7.A
PAD District IV          51xxx*   46xxx*   68593   166xx*   -51.A -78.A   0.  -129.A
    Colorado             12208    14668    23449    50325     0.    0.    0.     0.
    Idaho                 7276    136xx*    9736    306xx*    0.   44.A   0.    44.A
    Montana               6xxx*    8xxx*   21895    37xxx*  -51.A -69.A   0.  -120.A
    Utah                 13628     19xx*   10792    263xx*    0.   38.A   0.    38.A
    Wyoming              11330     7xxx*    2721    21xxx*    0.  -91.A   0.   -91.A
PAD District V           67378    823xx*   593xx*  2090xx*    0.   10.A  29.A   39.A
    Alaska                696x*   14946    13423    3533x*    1.A   0.    0.     1.A
    Arizona               4424      828     2582     7834     0.    0.    0.     0.
    California           12565     77xx*   11242    315xx*    0.   10.A   0.    10.A
    Hawaii               1390x*    8334     9017    3126x*    2.A   0.    0.     2.A
    Nevada                54xx*   14316     83xx*   28117   -29.A   0.   29.A    0.
    Oregon                76xx*   32853     8208    487xx*   26.A   0.    0.    26.A
    Washington           16437     3354     6478    26269     0.    0.    0.     0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds   .000%
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Noise Based Table 01        REGULAR


                            DTW     RACK     BULK    TOTAL   < ---- Adjustments ---->
United States              1886xx* 218xxx* 169xxx* 576xxx*    16.  -357.   -81.  -422.
PAD District I              64xxx*  72xxx*  65xxx* 2032xx*   144.  -219.    53.   -22.
   Subdistrict IA           25xxx*  28xxx*  16xxx*  71xxx*   267.   115.   -83.   300.
      Connecticut            6xxx*  15xx*   17xx*    9xxx*   161.    26.    35.   222.
      Maine                  3xxx*   4xxx*   4xxx*  12xxx*  -150.    69.   -64.  -145.
      Massachusetts          1xx*    3xxx*      0    4xxx*     9.    65.     0.    74.
      New Hampshire          8xxx*      0     3xxx*  11xxx*   159.     0.   -81.    78.
      Rhode Island           1xxx*   6xxx*   3xxx*  11xxx*    53.  -143.   -79.  -168.
      Vermont               53xx*   12xxx*   3xxx*  21xxx*    34.    98.   106.   238.
   Subdistrict IB           19xxx*  16xxx*  22xxx* 582xx*   -123.   -51.   137.   -38.
      Delaware               6xxx*  23xx*   42xx*   13xxx*  -133.   -19.   -47.  -200.
      District of Columbia   2xxx*   4xxx*  11xx*   18xxx*    53.   -85.   -86.  -118.
      Maryland               3xxx*  18xx*    1xxx*   6xxx*   120.    46.   110.   275.
      New Jersey             6xxx*      0    13x*     6xxx*  -163.     0.    -5.  -168.
      New York                  0    6xx*    8xx*    14xx*     0.   -22.    41.    19.
      Pennsylvania              0   65xx*    4xxx*  11xxx*     0.    30.   124.   154.
   Subdistrict IC           19900*  27xxx*  2633x*  73xxx*     0.  -283.    -1.  -284.
      Florida                   0   108xx*  18xx*   1270x*     0.   -15.    15.    -1.
      Georgia                9xxx*      0       0    9xxx*   -93.     0.     0.   -93.
      North Carolina         2xxx*   7xxx*  85xx*   17xxx*   -94.  -205.    49.  -250.
      South Carolina        11xx*   590x*    7xxx*  14xxx*   -25.     5.  -165.  -186.
      Virginia               3xxx*      0     3xxx*   7xxx*   187.     0.   112.   298.
      West Virginia         29xx*    3xxx*  48xx*   11xxx*    26.   -68.   -10.   -52.
PAD District II            761xx*  61xxx* 547xx*  192xxx*   -12.  -186.   -22.  -220.
      Illinois               3xxx*      0       0    3xxx*  -154.     0.     0.  -154.
      Indiana                4xxx*      0     3xxx*  84xx*   -158.     0.   112.   -46.
      Iowa                   1xxx*  42xx*    4xxx*    9xxx*   -50.    49.   -60.   -62.
      Kansas                12xxx*  10xxx*  19xx*   24xxx*    62.   156.   -21.   197.
      Kentucky               5xxx*   2xxx*   6xxx*  15xxx*  -106.   -61.    73.   -94.
      Michigan               1xxx*      0     6xxx*   8xxx*   -73.     0.   158.    85.
      Minnesota              6xxx*   3xxx*  12xx*   1142x*   145.  -110.   -37.    -2.
      Missouri               6xxx* 103xx*   39xx*   20xxx*   195.   -46.   -13.   136.
      Nebraska               2xxx*   7xxx*   9xx*    11xxx*    80.  -148.   -32.  -100.
      North Dakota          46xx*   83xx*       0   129xx*   -30.    18.     0.   -12.
      Ohio                   7xxx*      0    35xx*   10xxx*   101.     0.    40.   141.
      Oklahoma              39xx*    1xxx*   4xxx*   10xxx*   -46.    52.   -82.   -76.
      South Dakota           2x*    10xxx*   5xxx*  16xxx*    -1.   -75.   -94.  -170.
      Tennessee              2xxx*   6xx*    8xx*    11xxx*    70.    14.  -157.   -73.
      Wisconsin            132xx*   12xx*    3xxx*  183xx*   -47.   -35.    91.     9.
PAD District III           152xx*  23xxx*  26xxx*  654xx*   -30.   233.  -181.    22.
      Alabama                3xxx*   2xx*    2xxx*   6xxx*    94.    26.    51.   171.
      Arkansas              15xx*   56xx*    6xxx*  135xx*   -11.    43.   -80.   -48.
      Louisiana                 0   31xx*    4xxx*   7xxx*     0.    21.  -115.   -94.
      Mississippi            6xx*    9xxx*   3xxx*  12xxx*    23.   218.   155.   396.
      New Mexico             8xxx*   4xxx*   6xxx*  19xxx*  -158.  -121.  -111.  -389.
      Texas                 11xx*    9xx*    2xxx*  48xx*     22.    46.   -81.   -14.
PAD District IV            13xxx*  23xxx*   8xxx*  451xx*    106.   133.  -228.    11.
      Colorado                  0    8xxx*   5xxx*  143xx*     0.   116.  -129.   -13.
      Idaho                  9xx*    xxx*    8xx*     2xxx*    19.  -100.   -49.  -131.
      Montana                xxx*   73xx*       0   78xx*    -53.    23.     0.   -30.
      Utah                   5xxx*   4xx*        0   6xxx*    99.    39.     0.   138.
      Wyoming               64xx*    5xxx*  19xx*   141xx*    41.    54.   -49.    46.
PAD District V             18xxx*  36xxx*  15xxx*  70xxx*   -192.  -318.   297.  -213.
      Alaska                    0   79xx*    4xxx*  12xxx*     0.   -36.    87.    51.
      Arizona                2xxx*   7xx*    2xxx*  56xx*    -82.   -29.    67.   -44.
      California             3xxx*   3xxx*   2xxx*  98xx*     84.   -97.    61.    48.
      Hawaii                 xxx*    6xxx*   3xx*    7xxx*   -76.   196.   -11.   108.
      Nevada                25xx*    3xxx*       0  60xx*     19.   -56.     0.   -37.
      Oregon                    0   14xxx*   3xxx*  17xxx*     0.  -297.    64.  -233.
      Washington             8xxx*      0    26xx*  11xxx*  -136.     0.    30.  -106.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds   .000%
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Noise Based Table 01        MID-GRADE


                           DTW      RACK     BULK     TOTAL   < ---- Adjustments ---->
United States           23xxxx*  170xxx*  20xxxx*  61xxxx*    1011.   129.  -638.    502.
PAD District I             68xxx*   60xxx*   45xxx*  174xxx*   -256.   263.  -274.   -267.
  Subdistrict IA           229xx*   19650*   17xxx*   60xxx*    -32.     0.   -62.    -94.
    Connecticut            3xxx*    10xxx*   15xxx*   16xxx*    106.   166.    11.    283.
    Maine                  99xx*     2xxx*    6xxx*   18xxx*     23.  -111.  -153.   -241.
    Massachusetts          1xxx*     3xxx*       0    4xxx*     -92.   -70.     0.   -163.
    New Hampshire          14xx*     17xx*    8xxx*   113xx*    -38.   -19.    64.      7.
    Rhode Island           55xx*      7xx*       0    6350*     -16.    16.     0.      0.
    Vermont                 6xx*      9xx*    11xx*    27xx*     -15.    18.    16.     20.
  Subdistrict IB           33xxx*    14xxx*   12xxx*   60xxx*   -346.   138.  -218.   -426.
    Delaware               14xx*        0     3xxx*   49xx*      49.     0.   -55.     -6.
    District of Columbia   7xxx*     48xx*       0    12xxx*   -125.    39.     0.    -86.
    Maryland                  0      3xxx*    4xxx*    83xx*       0.    82.   -63.     19.
    New Jersey             4xxx*     3xx*     4xx*     5xxx*      67.     8.     9.     84.
    New York               6xxx*     2xxx*    7xx*    91xx*     -164.    97.    24.    -43.
    Pennsylvania           13xxx*    3xxx*    3xxx*   19xxx*    -173.   -87.  -133.   -393.
  Subdistrict IC           12xxx*    25xxx*  153xx*   53xxx*     121.   124.     6.    252.
    Florida                3xxx*     52xx*    1xxx*    9xxx*      65.    22.    66.    153.
    Georgia                   0      2xxx*    2xxx*    4xxx*       0.    99.    54.    153.
    North Carolina         6xx*      2xx*        0    9xx*       -38.    14.     0.    -24.
    South Carolina         3xx*      13xxx*       0   14xxx*      12.  -122.     0.   -110.
    Virginia               48xx*     17xx*    8xxx*   14xxx*     -18.    48.  -197.   -167.
    West Virginia          3xxx*     2xxx*    3xxx*    9xxx*     101.    63.    84.    248.
PAD District II            75xxx*    67xxx*  786xx*  221xxx*     230.  -299.   -45.   -114.
    Illinois               2xx*      13xxx*   3xxx*   17xxx*     -16.  -184.   -81.   -282.
    Indiana                xxx*      13xxx*   19xx*   16xxx*      88.   -77.    49.     61.
    Iowa                   3xxx*     4xxx*   12xxx*   20xxx*     129.   204.  -213.    120.
    Kansas                 1xxx*     77xx*    5xx*    97xx*       70.   -46.   -32.     -9.
    Kentucky               3xxx*     xxx*     8xxx*   12xxx*      84.   -64.    67.     88.
    Michigan               99xx*     1xxx*       0    10xxx*     -16.   -55.     0.    -71.
    Minnesota              6xxx*     38xx*   225xx*   33xxx*     187.     7.   -13.    181.
    Missouri               50xx*     17xx*    33xx*   102xx*      -9.    16.    41.     49.
    Nebraska               164xx*    1xxx*    4xxx*   22xxx*     -50.    53.   131.    134.
    North Dakota           5xxx*     5xxx*    81xx*   1949x*    -101.    79.    23.      1.
    Ohio                   10xxx*    5xxx*    51xx*   21xxx*    -236.  -160.    43.   -353.
    Oklahoma               14xx*     31xx*    3xxx*    7xxx*     -30.    43.    85.     98.
    South Dakota              0      1xxx*    4xxx*    5xxx*       0.  -106.  -151.   -257.
    Tennessee                 0      14xx*     550*   19xx*        0.   -38.     0.    -38.
    Wisconsin              9xxx*     8xx*     2xx*    10xxx*     129.    29.     5.    163.
PAD District III           33xxx*   137xx*   36xxx*  8xxxx*      419.     7.   297.    723.
    Alabama                9xxx*     7x*     10xxx*   1919x*     -65.    -2.    66.     -1.
    Arkansas                  0         0     15xx*   15xx*        0.     0.    43.     43.
    Louisiana              5xxx*     35xx*    9xxx*   19xxx*     111.   -21.    84.    173.
    Mississippi            53xx*     64xx*    2xxx*   14xxx*      42.    38.    93.    172.
    New Mexico             8xxx*     36xx*   10xxx*   22xxx*     238.    -8.    95.    325.
    Texas                  4xxx*        0     2xxx*   68xx*       93.     0.   -83.     10.
PAD District IV            26xxx*    13xxx*   33xxx*  74xxx*     321.   176.  -132.    366.
    Colorado               9xxx*     4xxx*    8xxx*   22xxx*     193.   118.   145.    456.
    Idaho                  63xx*     9xxx*    8xxx*   24xxx*      23.    59.  -192.   -111.
    Montana                6xxx*        0    11xxx*  182xx*       99.     0.   -57.     42.
    Utah                   42xx*        0     47xx*   89xx*        7.     0.   -27.    -20.
    Wyoming                   0         0        0        0        0.     0.     0.      0.
PAD District V             30xxx*   150xx*   15xxx*  61xxx*      297.   -19.  -483.   -205.
    Alaska                 69xx*        0     3xxx*   10xxx*      33.     0.  -158.   -125.
    Arizona                5xx*         0     3xx*     9xx*      -23.     0.   -13.    -36.
    California             5xxx*     3xxx*    6xxx*   15xxx*     161.   100.  -165.     96.
    Hawaii                 9xxx*     1xx*     2xxx*   11xxx*     -68.    -5.   -92.   -166.
    Nevada                 5xx*      2xxx*    20xx*    5xxx*     -31.   -52.   -12.    -94.
    Oregon                 4xxx*     60xx*       0    10xxx*      99.    -6.     0.     93.
    Washington             3xxx*     3xxx*    3xx*    67xx*      125.   -56.   -43.     26.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds  .000%
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Noise Based Table 01          PREMIUM

                           DTW     RACK     BULK    TOTAL  < ---- Adjustments ---->
United States             169xxx* 16xxxx* 19xxxx* 53xxxx*   215.  649. 1207. 2071.
PAD District I              7xxxx* 53xxx* 58xxx* 18xxxx*    576. -261.  455.  771.
  Subdistrict IA           29xxx* 16xxx* 24xxx*  7xxxx*     338.  -50.  406.  694.
    Connecticut             7xxx* 15xx*  56xx*  14xxx*      216.  -46.   38.  207.
    Maine                  69xx*     0    4xxx*  11xxx*      48.    0.  156.  204.
    Massachusetts           2xxx*  4xxx*  4xxx*  10xxx*      84.  150.  132.  366.
    New Hampshire          78xx*  5xxx*   2xxx*  15xxx*     -21.  -54.  -56. -130.
    Rhode Island           30xx*  5xxx*  26xx*  10xxx*      -44. -100.   14. -130.
    Vermont                 2xxx*     0    5xxx*   7xxx*      55.    0.  121.  176.
  Subdistrict IB           22xxx* 12xxx* 17xxx* 51xxx*      141.   54.  128.  323.
    Delaware                6xxx*  8xx*   3xxx* 106xx*       75.   21.  -53.   43.
    District of Columbia    4xxx* 15xx*  39xx* 104xx*        78.  -31.  -20.   26.
    Maryland                   0   8xx*  10xx* 184x*          0.  -43.   41.   -1.
    New Jersey              7xxx*  6xx*   3xxx* 116xx*       -94.   13.   57.  -24.
    New York                3xxx*  6xxx*  4xxx* 14xxx*       82.  114.  132.  328.
    Pennsylvania               0  19xx*   8xx*  27xx*         0.  -20.  -30.  -50.
  Subdistrict IC           19xxx* 25xxx* 15xxx* 60xxx*       97. -264.  -78. -245.
    Florida                35xx*  5xxx*  16xx* 105xx*        26.  -69.   48.    5.
    Georgia                 8xxx* 23xx*   6xxx* 176xx*      158.  -47.  -69.   42.
    North Carolina          1xxx*     0   1xxx*  24xx*      -60.    0.   69.    9.
    South Carolina             0 10xxx*      0  10xxx*        0. -112.    0. -112.
    Virginia                2xxx* 41xx*      0   6xxx*       64.   12.    0.   76.
    West Virginia           3xxx* 24xx*   6xxx* 12xxx*      -91.  -48. -126. -266.
PAD District II            4xxxx* 46xxx* 63xxx* 158xxx*    -556.  475.  200.  118.
    Illinois                3xxx*  1xxx* 119xx* 17xxx*      -97.   62.  -48.  -83.
    Indiana                 1xxx*     0      0   1xxx*     -102.    0.    0. -102.
    Iowa                    4xx*   6xxx*  3xxx* 102xx*       11.  115.  -81.   45.
    Kansas                 34xx*      0  163x*  50xx*        32.    0.   -1.   31.
    Kentucky                   0   2xxx*  4xxx*  76xx*        0.  -78.   72.   -6.
    Michigan                   0   2xxx*  3xxx*  5xxx*        0.   98.   79.  178.
    Minnesota               7xxx* 51xx*   2xxx* 155xx*     -103.   17.   61.  -25.
    Missouri               45xx*   1x*       0  45xx*        10.   -1.    0.   10.
    Nebraska                6xxx*  5xxx* 12xxx* 24xxx*      -97.  118.  183.  204.
    North Dakota               0  8xxx*      0   8xxx*        0.  279.    0.  279.
    Ohio                    6xxx* 43xx*   6xxx* 17xxx*     -158.  -10.  224.   56.
    Oklahoma              113xx*   3xxx*  2xxx* 17xxx*       18. -140.  -94. -216.
    South Dakota               0  5xx*  690x*  74xx*         0.   17.   -3.   15.
    Tennessee                  0 223x*   4xxx*  6xxx*        0.   -3.  -94.  -97.
    Wisconsin               2xxx* 4010*  2xxx*  8xxx*      -70.    0.  -99. -169.
PAD District III           21xxx* 26xxx* 171xx* 65xxx*     215.  256.   12.  483.
    Alabama                 2xxx*  4xxx*  9xx*   8xxx*      68.   83.   31.  183.
    Arkansas                4xxx*  9xxx* 48xx* 190xx*        80. -103.  -20.  -43.
    Louisiana              17xx*  5xxx*  1xxx*  8xxx*        38.  188.  -59.  167.
    Mississippi             1xxx*  8xx*      0   1xxx*      66.   13.    0.   80.
    New Mexico              5xxx*  4xxx* 84xx* 18xxx*        69.  112.  -34.  148.
    Texas                   6xxx* 10xx*   1xxx*  9xxx*    -107.  -37.   93.  -51.
PAD District IV            11xxx*  9xxx* 26xxx* 47xxx*      82.   98.  275.  455.
    Colorado               28xx* 14xx*   9xxx* 13xxx*       41.  -25.   66.   82.
    Idaho                      0  3xxx*      0   3xxx*        0.   90.    0.   90.
    Montana                    0  1xxx* 10xxx* 11xxx*        0.   73.  153.  227.
    Utah                    3xxx*  1xxx*  6xxx* 11xxx*       78.   53.  118.  250.
    Wyoming                48xx*  1xxx*   xxx*   7xxx*      -38.  -93.  -63. -194.
PAD District V             17xxx* 30xxx* 28xxx* 77xxx*    -101.   81.  264.  244.
    Alaska                  3x*    6xxx*  5xxx* 12xxx*        2.  -69.  -94. -162.
    Arizona                10xx*      0   2x*   11xx*      -34.    0.   -1.  -35.
    California             30xx*   xxx*   2xxx*  6xxx*       50.  -95.  123.   79.
    Hawaii                  3xxx* 20xx*   6xxx* 11xxx*     -142.  -36.   72. -106.
    Nevada                  2xxx* 819x*  63xx* 16xxx*       79.    2.   30.  112.
    Oregon                  2xxx* 12xxx*  5xxx* 20xxx*     -142.  276.   93.  227.
    Washington              4xxx*  9x*   35xx*  8xxx*       87.    3.   40.  130.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds  .000%
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Noise Based Table 01   ALL GRADE

	DTW	RACK	BULK	TOTAL	< ----	Adjustments	---->	
United States	59xxxx*	556xxx*	573xxx*	172xxxx*	1242.	421.	489.	2152.
PAD District I	204xxx*	187xxx*	169xxx*	560xxx*	464.	-216.	234.	482.
Subdistrict IA	7xxxx*	65xxx*	59xxx*	20xxxx*	573.	65.	261.	900.
Connecticut	17xxx*	13xxx*	8xxx*	4xxxx*	483.	146.	84.	713.
Maine	20xxx*	67xx*	15xxx*	43xxx*	-79.	-42.	-61.	-182.
Massachusetts	403x*	11xxx*	4xxx*	19xxx*	1.	144.	132.	278.
New Hampshire	17xxx*	6xxx*	13xxx*	376xx*	101.	-73.	-72.	-45.
Rhode Island	104xx*	12xxx*	6xxx*	29xxx*	-7.	-226.	-65.	-298.
Vermont	8xxx*	13xxx*	10xxx*	31xxx*	75.	116.	243.	434.
Subdistrict IB	74xxx*	43xxx*	526xx*	170xxx*	-328.	141.	46.	-141.
Delaware	149xx*	321x*	10xxx*	29xxx*	-9.	2.	-155.	-162.
District of Columbia	145xx*	11xxx*	15xxx*	41xxx*	6.	-77.	-107.	-178.
Maryland	3xxx*	6xxx*	6xxx*	16xxx*	120.	85.	88.	293.
New Jersey	18xxx*	10xx*	4xxx*	24xxx*	-190.	20.	61.	-108.
New York	9xxx*	9xxx*	6xxx*	25xxx*	-82.	189.	197.	304.
Pennsylvania	13xxx*	11xxx*	90xx*	34xxx*	-173.	-78.	-38.	-290.
Subdistrict IC	51xxx*	78xxx*	57xxx*	187xxx*	219.	-423.	-73.	-277.
Florida	6xxx*	21xxx*	4xxx*	32xxx*	91.	-62.	128.	157.
Georgia	18xxx*	4xxx*	92xx*	32xxx*	65.	52.	-15.	102.
North Carolina	3xxx*	7xxx*	9xxx*	21xxx*	-192.	-191.	118.	-265.
South Carolina	15xx*	30xxx*	7xxx*	39xxx*	-14.	-229.	-165.	-408.
Virginia	11xxx*	5xxx*	11xxx*	28xxx*	233.	60.	-86.	207.
West Virginia	96xx*	8xxx*	14xxx*	32xxx*	35.	-53.	-53.	-70.
PAD District II	199xxx*	1757xx*	197xxx*	572xxx*	-339.	-10.	133.	-216.
Illinois	8xxx*	15xxx*	15xxx*	3xxxx*	-267.	-122.	-129.	-518.
Indiana	7xxx*	13xxx*	5xxx*	27xxx*	-172.	-77.	161.	-88.
Iowa	4xxx*	15xxx*	20xxx*	40xxx*	90.	368.	-354.	104.
Kansas	16xxx*	18xxx*	4xxx*	39xxx*	163.	110.	-54.	219.
Kentucky	91xx*	6xxx*	19xxx*	346xx*	-21.	-202.	212.	-12.
Michigan	11xxx*	30xx*	10xxx*	25xxx*	-89.	43.	237.	192.
Minnesota	21xxx*	12xxx*	262xx*	60xxx*	230.	-86.	11.	154.
Missouri	15xxx*	121xx*	73xx*	35xxx*	196.	-30.	28.	195.
Nebraska	25xxx*	145xx*	17xxx*	57xxx*	-66.	23.	282.	239.
North Dakota	10xxx*	22xxx*	81xx*	41xxx*	-131.	376.	23.	268.
Ohio	24xxx*	10xxx*	15xxx*	50xxx*	-294.	-170.	307.	-156.
Oklahoma	16xxx*	85xx*	10xxx*	35xxx*	-59.	-46.	-90.	-194.
South Dakota	2x*	12xxx*	16xxx*	28xxx*	-1.	-164.	-248.	-412.
Tennessee	2xxx*	43xxx*	13xxx*	19xxx*	70.	-27.	-251.	-208.
Wisconsin	248xx*	61xx*	630x*	3728x*	12.	-7.	-3.	2.
PAD District III	7xxxx*	64xxx*	79xxx*	21xxxx*	604.	496.	129.	1228.
Alabama	15xxx*	5xxx*	13xxx*	34xxx*	97.	108.	148.	353.
Arkansas	6xxx*	15xxx*	12xxx*	340xx*	69.	-60.	-57.	-48.
Louisiana	7xxx*	12xxx*	15xxx*	35xxx*	149.	187.	-90.	246.
Mississippi	7xxx*	16xxx*	5xxx*	2xxxx*	131.	269.	248.	648.
New Mexico	22xxx*	133xx*	251xx*	60xxx*	150.	-17.	-50.	83.
Texas	119xx*	20xx*	6xxx*	20xxx*	8.	8.	-71.	-54.
PAD District IV	5xxxx*	46xxx*	68xxx*	16xxxx*	509.	407.	-84.	832.
Colorado	12xxx*	14xxx*	23xxx*	5xxxx*	234.	209.	82.	525.
Idaho	73xx*	136xx*	9xxx*	30xxx*	41.	49.	-242.	-152.
Montana	69xx*	8xxx*	22xxx*	37xxx*	46.	96.	96.	238.
Utah	13xxx*	2xxx*	10xxx*	26xxx*	184.	92.	91.	368.
Wyoming	1134x*	74xx*	2xxx*	21xxx*	4.	-39.	-112.	-147.
PAD District V	6739x*	82xxx*	59xxx*	208xxx*	4.	-256.	78.	-175.
Alaska	70xx*	14xxx*	13xxx*	35xxx*	35.	-105.	-166.	-236.
Arizona	4xxx*	7xx*	2xxx*	7xxx*	-140.	-29.	54.	-115.
California	12xxx*	7xxx*	112xx*	31xxx*	295.	-91.	19.	223.
Hawaii	13xxx*	8xxx*	89xx*	31xxx*	-286.	155.	-31.	-163.
Nevada	5xxx*	14xxx*	83xx*	280xx*	67.	-106.	19.	-20.
Oregon	75xx*	328xx*	8xxx*	48xxx*	-44.	-26.	157.	87.
Washington	16xxx*	3xxx*	65xx*	263xx*	76.	-53.	27.	50.

* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .000%

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Noise Based Table 02        CONVEN


                          DTW      RACK      BULK     TOTAL   < ---- Adjustments ---->
United States          23xxxx*  20xxxx*  19xxxx*   62xxxx*   1571.  1107.  1750.  4429.
PAD District I           6xxxx*   70xxx*   5xxxx*   19xxxx*    833.   462.   722.  2017.
  Subdistrict IA         19xxx*   32xxx*   16xxx*    6xxxx*    459.   132.   359.   951.
    Connecticut           5xxx*    66xx*    4xxx*    16xxx*    143.    38.    91.   272.
    Maine                 17xx*    29xx*       0     469x*     42.   -39.     0.     3.
    Massachusetts         1xxx*     6xxx*       0      8xxx*    -70.   134.     0.    64.
    New Hampshire         6xxx*     3xx*    22xx*      8xxx*    183.   -19.    38.   202.
    Rhode Island          3xxx*     9xxx*   28xx*     16xxx*    160.  -100.    37.    97.
    Vermont                   0     6xxx*    7xxx*    13xxx*      0.   120.   193.   313.
  Subdistrict IB         24xxx*   10xxx*   20xxx*    54xxx*   -162.   298.   334.   470.
    Delaware              21xx*    1xxx*    1xxx*     58xx*    -34.    73.   -51.   -12.
    District of Columbia  4xxx*        0    7xxx*    11xxx*    103.     0.    64.   167.
    Maryland                  0     5xxx*    2xxx*     7xxx*      0.   128.   106.   234.
    New Jersey            5xxx*     6xx*        0      5xxx*    -68.    13.     0.   -55.
    New York             3xxx*      xx*     4xxx*      8xxx*    -75.    -7.   148.    66.
    Pennsylvania          9xxx*    1xxx*    4xxx*     15xxx*    -88.    91.    67.    71.
  Subdistrict IC         2xxxx*   276xx*   197xx*    7xxxx*    535.    31.    30.   596.
    Florida               5xxx*   12xxx*    1xxx*     20xxx*    120.    74.    82.   275.
    Georgia              10xxx*    2xxx*    6xxx*     19xxx*    220.    99.  -107.   211.
    North Carolina        8xx*     xxx*     4xxx*     64xx*    -47.   -85.   139.     8.
    South Carolina            0     9xxx*       0      9xxx*      0.  -120.     0.  -120.
    Virginia             4xxx*        0    24xx*      6xxx*    157.     0.   -44.   113.
    West Virginia         3xxx*    2xxx*    46xx*     10xxx*     86.    63.   -41.   109.
PAD District II          82xxx*  632xx*   7xxxx*    21xxxx*    242.    16.   768.  1026.
  Illinois               6xxx*    5xxx*    29xx*     15xxx*   -246.  -109.   -48.  -404.
  Indiana                1xxx*    55xx*    1xxx*      85xx*    -67.    11.    89.    33.
  Iowa                    60x*    50xx*   10xxx*     15xxx*      1.    28.   -96.   -67.
  Kansas                 27xx*   583x*    31xx*     117xx*    -36.    -5.    20.   -21.
  Kentucky                   0     xxx*    9xxx*     10xxx*      0.   -64.   205.   141.
  Michigan              436x*    1xxx*    8xxx*     14xxx*      2.   101.   160.   263.
  Minnesota             12xxx*   24xx*   171xx*     31xxx*    179.    36.   -12.   203.
  Missouri               9xxx*    3xxx*       0     13xxx*    116.    77.     0.   193.
  Nebraska              14xxx*   32xx*    8xxx*     26xxx*    100.    44.   197.   341.
  North Dakota           1xxx*   13xxx*   11xx*     16xxx*     66.   220.    40.   326.
  Ohio                  110xx*    5xxx*    5xxx*     22xxx*     44.  -160.   212.    96.
  Oklahoma               37xx*    42xx*    3xxx*    114xx*     40.   -13.   -54.   -27.
  South Dakota               0    1xxx*     3x*      1xxx*      0.  -106.    -2.  -108.
  Tennessee                  0    10xx*    5xx*      16xx*      0.    22.     9.    31.
  Wisconsin             133xx*    3xxx*   17xx*     183xx*     42.   -67.    50.    25.
PAD District III         33xxx*   31xxx*  23xxx*     8xxxx*    359.   256.   388.  1003.
  Alabama               15xxx*    3xx*    5xxx*     21xxx*     97.    24.    63.   184.
  Arkansas               4xxx*   80xx*    2xxx*     15xxx*     81.    18.    71.   170.
  Louisiana                  0    5xxx*    5xxx*     11xxx*      0.   166.    59.   226.
  Mississippi           26xx*    11xxx*   1xxx*     15xxx*     47.   147.    68.   262.
  New Mexico             8xxx*    5xxx*    4xxx*     18xxx*    199.  -100.    71.   169.
  Texas                 2xxx*        0    3xxx*     65xx*    -65.     0.    57.    -8.
PAD District IV          13xxx*   10xxx*  19xxx*     43xxx*    164.   -74.    86.   176.
  Colorado               4xxx*    4xxx*    8xxx*     16xxx*     88.   124.   177.   389.
  Idaho                  5xxx*    2xxx*       0      8xxx*    100.  -178.     0.   -77.
  Montana                 xxx*    1xxx*    6xxx*     85xx*    -53.    73.   -58.   -38.
  Utah                  13xx*        0    25xx*     39xx*    -32.     0.    16.   -16.
  Wyoming               2xxx*    1xxx*    19xx*      5xxx*     61.   -93.   -49.   -82.
PAD District V          368xx*   26xxx*  17xxx*     80xxx*    -26.   448.  -215.   207.
  Alaska                21xx*    4xxx*    8xxx*     14xxx*    -47.    85.  -175.  -137.
  Arizona               13xx*        0       0      13xx*    -48.     0.     0.   -48.
  California             4xxx*     xx*        0      4xxx*    101.   -12.     0.    90.
  Hawaii                11xxx*    6xxx*   349x*     210xx*   -165.   191.     3.    29.
  Nevada                2xxx*    8xxx*   53xx*     16xxx*     74.    83.   -16.   140.
  Oregon                 4xxx*    6xxx*       0     11xxx*    106.   101.     0.   207.
  Washington           102xx*        0    7xx*     10xxx*    -47.     0.   -26.   -73.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds  .000%
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Noise Based Table 02        OXYGEN


                            DTW     RACK     BULK    TOTAL   < ---- Adjustments ---->
United States             185xxx* 157xxx* 176xxx*  51xxxx*  -366. -291.    61.  -597.
PAD District I             62xxx*  60xxx*  51xxx*  174xxx*  -151.  246.  -161.   -67.
  Subdistrict IA           36xxx*  21xxx*  2110x*   78xxx*  -143.  327.    -3.   181.
    Connecticut             5xxx*   6xxx*  16xx*    13xxx*   202.  141.    29.   372.
    Maine                 128xx*   14xx*    3xxx*  173xx*     25.   -7.   -67.   -48.
    Massachusetts           1xx*    1xxx*   3xxx*    4xxx*     9.   81.    78.   168.
    New Hampshire           6xxx*   4xxx*  73xx*    18xxx*  -155.   65.   -30.  -120.
    Rhode Island            6xxx*   2xxx*   3xxx*   12xxx*  -167.  -61.  -102.  -331.
    Vermont                 4xxx*   5xxx*   2xxx*   11xxx*   -58.  107.    89.   139.
  Subdistrict IB          161xx*   12xxx*  12xxx*  414xx*     33.  -72.    69.    31.
    Delaware                5xxx*      0    52xx*   10xxx*     87.    0.   -22.    65.
    District of Columbia   51xx*   26xx*    9xx*     8xxx*    -7.  -47.   -24.   -78.
    Maryland                   0       0    1xxx*    1xxx*     0.    0.    72.    72.
    New Jersey             37xx*       0    3xxx*    7xxx*    20.    0.    57.    77.
    New York                1xxx*   2xxx*   7xx*     4xxx*   -67.   98.    25.    56.
    Pennsylvania               0    7xxx*   7xx*     8xxx*     0. -123.   -39.  -162.
  Subdistrict IC          103xx*  263xx*  17xxx*   54xxx*   -42.   -9.  -227.  -278.
    Florida                 8xx*   34xx*   10xx*    53xx*    -29.   13.    31.    16.
    Georgia                 2xxx*  15xx*    8xx*    530x*    -61.   41.    22.     2.
    North Carolina          xxx*    6xxx*   3xxx*  10xxx*    -52. -107.   -68.  -226.
    South Carolina         15xx*    8xxx*   2xxx*   12xxx*   -14.  -68.   -96.  -177.
    Virginia                4xxx*  37xx*    xxx*     8xxx*   135.    6.   -53.    88.
    West Virginia           1xx*    2xxx*   8xxx*  114xx*    -21.  104.   -63.    20.
PAD District II            70xxx*  41xxx*  63910*  17xxxx*  -383. -333.     0.  -716.
    Illinois               12xx*    xxx*   900x*    10xxx*   -21.  -75.     1.   -95.
    Indiana                 2xxx*   7xxx*   4xxx*   14xxx*  -102. -114.    72.  -144.
    Iowa                    2xxx*   4xxx*   5xxx*   12xxx*    88.  103.   -92.    99.
    Kansas                  3xxx*  54xx*    xxx*    92xx*     78.   36.   -87.    27.
    Kentucky               91xx*    2xxx*   3xxx*   14xxx*   -21.  -75.   -59.  -155.
    Michigan                6xxx*   1xxx*      0     7xxx*   -52.  -57.     0.  -109.
    Minnesota               4xxx*   2xxx*   4xxx*  117xx*    -55.  -55.    94.   -17.
    Missouri               49xx*    2xxx*   3xxx*  116xx*     29.  -65.    81.    45.
    Nebraska                6xxx*   3xxx*  64xx*    15xxx*  -190.   91.    -6.  -104.
    North Dakota            2xxx*   3xxx*   3xxx*   99xx*    -57.  114.   -98.   -41.
    Ohio                    9xxx*   1xxx*  82xx*    19xxx*  -210.  -62.    25.  -247.
    Oklahoma               10xxx*   2xxx*   3xxx*   16xxx*   -68.  -84.    85.   -66.
    South Dakota               0    1xxx*   5xxx*   70xx*      0.  -54.   103.    49.
    Tennessee               5xx*   14xx*    4xxx*    6xxx*    27.  -38.   -63.   -74.
    Wisconsin               7xxx*      0    1xxx*    8xxx*   171.    0.   -54.   117.
PAD District III           10xxx*  14xxx*  24xxx*  497xx*     94. -125.    70.    39.
    Alabama                    0       0    7xxx*    7xxx*     0.    0.   147.   147.
    Arkansas                9xx*    2xxx*  56xx*     9xxx*    24.  -89.   -34.  -100.
    Louisiana                  0   61xx*    3xxx*   10xxx*     0.   -7.  -156.  -163.
    Mississippi             2xxx*      0    2xxx*    4xxx*    92.    0.    99.   191.
    New Mexico             73xx*   44xx*   51xx*    1696x*   -22.    9.    17.     4.
    Texas                      0   10xx*    3x*     10xx*      0.  -37.    -2.   -39.
PAD District IV           207xx*   15xxx*  16xxx*  52xxx*     16.  153.  -104.    65.
    Colorado                   0    7xxx*      0     7xxx*     0.   78.     0.    78.
    Idaho                   1xxx*   8xx*    6xxx*    9xxx*    -59.  -48.  -127.  -234.
    Montana                 3xx*    5xxx*  68xx*    12xxx*    -9.   70.   -10.    52.
    Utah                   12xxx*   1xxx*  35xx*    17xxx*   216.   53.    32.   302.
    Wyoming                 6xxx*      0       0     6xxx*  -133.    0.     0.  -133.
PAD District V             21xxx*  26xxx*  18xxx*  66xxx*     58. -232.   256.    81.
    Alaska                  4xxx*   2xxx*   3xxx*  111xx*     80. -145.    72.     7.
    Arizona                 2xxx*      0   14xx*     3xxx*   -71.    0.    13.   -58.
    California              3xxx*  18xx*    5xxx*   11xxx*   132.  -26.   162.   268.
    Hawaii                  2xxx*      0    2xxx*   51xx*   -119.    0.    70.   -49.
    Nevada                 29xx*    4xxx*   3xx*     7xxx*    -7. -140.   -45.  -191.
    Oregon                  1xxx*  17xxx*   3xxx*   22xxx*   -90.   79.    64.    53.
    Washington              2xxx*      0    2xxx*    5xxx*   131.    0.   -80.    51.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds  .000%
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Noise Based Table 02          REFORM


                         DTW     RACK     BULK     TOTAL   < ---- Adjustments ---->
United States          1725xx* 197xxx* 20xxxx*  57xxxx*      37. -395.-1322.-1681.
PAD District I           72xxx*  5xxxx*  61xxx*  19xxxx*    -217. -924. -327.-1468.
  Subdistrict IA         22xxx* 11xxx*   21xxx*  55xxx*      257. -394.  -95. -232.
    Connecticut           6xxx* 12xx*    30xx*   10xxx*      137.  -33.  -37.   68.
    Maine                 6xxx* 236x*   128xx*   21xxx*     -147.    4.    6. -137.
    Massachusetts         1xxx*  3xxx*    1xxx*   63xx*       62.  -70.   54.   46.
    New Hampshire         4xxx*  2xxx*    3xxx*   10xxx*      73. -119.  -80. -126.
    Rhode Island             0   xxx*        0    xxx*        0.  -64.    0.  -64.
    Vermont               3xxx*  1xxx*     9xx*   63xx*      132. -111.  -39.  -17.
  Subdistrict IB         34xxx* 20xxx*   19xxx*   7xxxx*    -200.  -85. -356. -641.
    Delaware              7xxx*  1xxx*     3xxx*  12xxx*      -62.  -72.  -81. -215.
    District of Columbia  5xxx* 86xx*      6xxx*  21xxx*      -90.  -30. -147. -267.
    Maryland              3xxx*  8xx*      3xxx*  77xx*       120.  -43.  -90.  -13.
    New Jersey            9xxx*  3xx*     59x*    10xxx*     -143.    8.    4. -131.
    New York              4xxx*  6xxx*     7xx*   11xxx*      60.   99.   24.  183.
    Pennsylvania          3xxx* 23xx*      3xxx*  10xxx*      -85.  -47.  -66. -198.
  Subdistrict IC         15xxx* 24xxx*   20xxx*   6xxxx*    -275. -445.  125. -595.
    Florida                  0   5xxx*    18xx*    7xxx*       0. -149.   15. -134.
    Georgia               5xxx*  xxx*      2xxx*   8xxx*      -93.  -89.   71. -111.
    North Carolina        2xxx*     0     18xx*   39xx*       -93.    0.   47.  -47.
    South Carolina           0  125xx*    4xxx*   17xxx*       0.  -41.  -69. -111.
    Virginia              2xxx*  2xxx*    84xx*   133xx*      -59.   54.   12.    7.
    West Virginia        59xx*   3xxx*     1xxx*  10xxx*      -29. -220.   50. -199.
PAD District II          47xxx* 71xxx*   5xxxx*  17xxxx*    -197.  307. -636. -526.
    Illinois                 0   9xxx*     3xxx*  129xx*       0.   61.  -81.  -20.
    Indiana               322x* 12xx*        0    44xx*       -2.   26.    0.   24.
    Iowa                  2170*  5xxx*     4xxx*  12xxx*       0.  237. -165.   71.
    Kansas               11xxx*  6xxx*     2xx*   18xxx*      121.   79.   13.  213.
    Kentucky                 0   3xxx*     6xxx*  965x*        0.  -64.   66.    2.
    Michigan             10xx*      0      2xxx*  33xx*       -39.    0.   77.   38.
    Minnesota             5xxx*  7xxx*     4xxx*  168xx*      106.  -67.  -71.  -32.
    Missouri              1xxx* 54xx*      3xxx*  99xx*        51.  -42.  -53.  -44.
    Nebraska             45xx*   8xxx*     2xxx*  1575x*       23. -112.   91.    2.
    North Dakota          6xxx* 49xx*      3xxx*  149xx*     -141.   42.   82.  -17.
    Ohio                  3xxx*  2xxx*     1xxx*  81xx*      -128.   52.   71.   -6.
    Oklahoma             22xx*   1xxx*     3xxx*   7xxx*      -31.   52. -121. -101.
    South Dakota          2x*  947x*      11xxx*  20xxx*       -1.   -4. -349. -354.
    Tennessee            17xx*  18xx*      8xxx*  11xxx*       43.  -11. -197. -164.
    Wisconsin             4xxx*  2xxx*   356x*    10xxx*     -201.   59.    1. -140.
PAD District III         26xxx* 18xxx*   31xxx*  76xxx*      150.  365. -330.  186.
    Alabama                  0   4xxx*    xxx*    55xx*        0.   83.  -62.   22.
    Arkansas              6xx*  49xx*      3xxx*   9xxx*      -36.   11.  -94. -118.
    Louisiana             7xxx*  8xx*     57xx*   14xxx*      149.   28.    7.  184.
    Mississippi          21xx*   4xxx*     1xxx*   8xxx*       -8.  122.   81.  195.
    New Mexico           68xx*   2xxx*    15xxx*  25xxx*      -27.   75. -138.  -89.
    Texas                 9xxx*  9xx*      3xxx*  131xx*       72.   46. -125.   -8.
PAD District IV          17xxx* 21xxx*   32xxx*   7xxxx*     329.  328.  -67.  591.
    Colorado              8xxx* 36xx*     15xxx*  27xxx*      146.    7.  -95.   58.
    Idaho                    0   9xxx*     2xxx*  12xxx*       0.  275. -115.  160.
    Montana               6xxx* 18xx*      8xxx*  16xxx*      108.  -47.  163.  224.
    Utah                     0   4xx*     48xx*    5xxx*       0.   39.   43.   82.
    Wyoming               2xxx*  5xxx*    xxx*     9xxx*       75.   54.  -63.   67.
PAD District V           95xx*  29xxx*  225xx*   61xxx*      -28. -472.   37. -463.
    Alaska                3x*  78xx*       1xxx*   9xxx*        2.  -45.  -63. -107.
    Arizona               6xx*   7xx*     12xx*   26xx*       -21.  -29.   41.   -8.
    California            4xxx*  5xxx*     6xxx*  15xxx*       62.  -53. -143. -134.
    Hawaii                4x*  20xx*       2xxx*   4xxx*       -3.  -36. -104. -143.
    Nevada                   0  11xx*      2xxx*  37xx*        0.  -49.   80.   31.
    Oregon                1xxx*  8xxx*     5xxx*  14xxx*      -60. -206.   93. -174.
    Washington           34xx*   3xxx*     3xxx*  10xxx*       -9.  -53.  133.   72.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds   .000%
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Noise Based Table 02   ALL FORM

	DTW	RACK	BULK	TOTAL	< ---- Adjustments ---->			
United States	59xxxx*	556xxx*	573xxx*	172xxxx*	1242.	421.	489.	2152.
PAD District I	204xxx*	187xxx*	169xxx*	560xxx*	464.	-216.	234.	482.
Subdistrict IA	7xxxx*	65xxx*	59xxx*	20xxxx*	573.	65.	261.	900.
Connecticut	17xxx*	13xxx*	8xxx*	4xxxx*	483.	146.	84.	713.
Maine	20xxx*	67xx*	15xxx*	43xxx*	-79.	-42.	-61.	-182.
Massachusetts	403x*	11xxx*	4xxx*	19xxx*	1.	144.	132.	278.
New Hampshire	17xxx*	6xxx*	13xxx*	376xx*	101.	-73.	-72.	-45.
Rhode Island	104xx*	12xxx*	6xxx*	29xxx*	-7.	-226.	-65.	-298.
Vermont	8xxx*	13xxx*	10xxx*	31xxx*	75.	116.	243.	434.
Subdistrict IB	74xxx*	43xxx*	526xx*	170xxx*	-328.	141.	46.	-141.
Delaware	149xx*	321x*	10xxx*	29xxx*	-9.	2.	-155.	-162.
District of Columbia	145xx*	11xxx*	15xxx*	41xxx*	6.	-77.	-107.	-178.
Maryland	3xxx*	6xxx*	6xxx*	16xxx*	120.	85.	88.	293.
New Jersey	18xxx*	10xx*	4xxx*	24xxx*	-190.	20.	61.	-108.
New York	9xxx*	9xxx*	6xxx*	25xxx*	-82.	189.	197.	304.
Pennsylvania	13xxx*	11xxx*	90xx*	34xxx*	-173.	-78.	-38.	-290.
Subdistrict IC	51xxx*	78xxx*	57xxx*	187xxx*	219.	-423.	-73.	-277.
Florida	6xxx*	21xxx*	4xxx*	32xxx*	91.	-62.	128.	157.
Georgia	18xxx*	4xxx*	92xx*	32xxx*	65.	52.	-15.	102.
North Carolina	3xxx*	7xxx*	9xxx*	21xxx*	-192.	-191.	118.	-265.
South Carolina	15xx*	30xxx*	7xxx*	39xxx*	-14.	-229.	-165.	-408.
Virginia	11xxx*	5xxx*	11xxx*	28xxx*	233.	60.	-86.	207.
West Virginia	96xx*	8xxx*	14xxx*	32xxx*	35.	-53.	-53.	-70.
PAD District II	199xxx*	1757xx*	197xxx*	572xxx*	-339.	-10.	133.	-216.
Illinois	8xxx*	15xxx*	15xxx*	3xxxx*	-267.	-122.	-129.	-518.
Indiana	7xxx*	13xxx*	5xxx*	27xxx*	-172.	-77.	161.	-88.
Iowa	4xxx*	15xxx*	20xxx*	40xxx*	90.	368.	-354.	104.
Kansas	16xxx*	18xxx*	4xxx*	39xxx*	163.	110.	-54.	219.
Kentucky	91xx*	6xxx*	19xxx*	346xx*	-21.	-202.	212.	-12.
Michigan	11xxx*	30xx*	10xxx*	25xxx*	-89.	43.	237.	192.
Minnesota	21xxx*	12xxx*	262xx*	60xxx*	230.	-86.	11.	154.
Missouri	15xxx*	121xx*	73xx*	35xxx*	196.	-30.	28.	195.
Nebraska	25xxx*	145xx*	17xxx*	57xxx*	-66.	23.	282.	239.
North Dakota	10xxx*	22xxx*	81xx*	41xxx*	-131.	376.	23.	268.
Ohio	24xxx*	10xxx*	15xxx*	50xxx*	-294.	-170.	307.	-156.
Oklahoma	16xxx*	85xx*	10xxx*	35xxx*	-59.	-46.	-90.	-194.
South Dakota	2x*	12xxx*	16xxx*	28xxx*	-1.	-164.	-248.	-412.
Tennessee	2xxx*	43xxx*	13xxx*	19xxx*	70.	-27.	-251.	-208.
Wisconsin	248xx*	61xx*	630x*	3728x*	12.	-7.	-3.	2.
PAD District III	7xxxx*	64xxx*	79xxx*	21xxxx*	604.	496.	129.	1228.
Alabama	15xxx*	5xxx*	13xxx*	34xxx*	97.	108.	148.	353.
Arkansas	6xxx*	15xxx*	12xxx*	340xx*	69.	-60.	-57.	-48.
Louisiana	7xxx*	12xxx*	15xxx*	35xxx*	149.	187.	-90.	246.
Mississippi	7xxx*	16xxx*	5xxx*	2xxxx*	131.	269.	248.	648.
New Mexico	22xxx*	133xx*	251xx*	60xxx*	150.	-17.	-50.	83.
Texas	119xx*	20xx*	6xxx*	20xxx*	8.	8.	-71.	-54.
PAD District IV	5xxxx*	46xxx*	68xxx*	16xxxx*	509.	407.	-84.	832.
Colorado	12xxx*	14xxx*	23xxx*	5xxxx*	234.	209.	82.	525.
Idaho	73xx*	136xx*	9xxx*	30xxx*	41.	49.	-242.	-152.
Montana	69xx*	8xxx*	22xxx*	37xxx*	46.	96.	96.	238.
Utah	13xxx*	2xxx*	10xxx*	26xxx*	184.	92.	91.	368.
Wyoming	1134x*	74xx*	2xxx*	21xxx*	4.	-39.	-112.	-147.
PAD District V	6739x*	82xxx*	59xxx*	208xxx*	4.	-256.	78.	-175.
Alaska	70xx*	14xxx*	13xxx*	35xxx*	35.	-105.	-166.	-236.
Arizona	4xxx*	7xx*	2xxx*	7xxx*	-140.	-29.	54.	-115.
California	12xxx*	7xxx*	112xx*	31xxx*	295.	-91.	19.	223.
Hawaii	13xxx*	8xxx*	89xx*	31xxx*	-286.	155.	-31.	-163.
Nevada	5xxx*	14xxx*	83xx*	280xx*	67.	-106.	19.	-20.
Oregon	75xx*	328xx*	8xxx*	48xxx*	-44.	-26.	157.	87.
Washington	16xxx*	3xxx*	65xx*	263xx*	76.	-53.	27.	50.

* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .000%

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CTA Based Table 01 [ TARGET SMALL CELLS ]      REGULAR
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	DTW	RACK	BULK	TOTAL	< ---- Adjustments ---->			
United States	188668	218471	170021	577160	0.	0.	0.	0.
PAD District I	64625	72994	65620	203239	0.	0.	0.	0.
Subdistrict IA	25314	28780	16952	71046	0.	0.	0.	0.
Connecticut	62xx*	15xx*	1700	9452	-8.A	8.A	0.	0.
Maine	3936	4719	4429	13084	0.	0.	0.	0.
Massachusetts	1xx*	38xx*	0	4012	8.w	-8.A	0.	0.
New Hampshire	7879	0	3188	11067	0.	0.	0.	0.
Rhode Island	1748	6224	3976	11948	0.	0.	0.	0.
Vermont	5321	12503	3659	21483	0.	0.	0.	0.
Subdistrict IB	19417	16493	22335	58245	0.	0.	0.	0.
Delaware	6978	2xxx*	4xxx*	13650	0.	85.A	-85.A	0.
District of Columbia	2253	5070	11338	18661	0.	0.	0.	0.
Maryland	3311	1xxx*	1xxx*	6226	0.	-60.A	60.w	0.
New Jersey	6875	0	1xx*	70xx*	0.	0.	-14.A	-14.A
New York	0	6xx*	8xx*	14xx*	0.	-25.A	39.w	14.A
Pennsylvania	0	6539	4718	11257	0.	0.	0.	0.
Subdistrict IC	19894	27721	26333	73948	0.	0.	0.	0.
Florida	0	10857	1847	12704	0.	0.	0.	0.
Georgia	9961	0	0	9961	0.	0.	0.	0.
North Carolina	2268	72xx*	84xx*	17958	0.	39.A	-39.A	0.
South Carolina	1195	5887	7582	14664	0.	0.	0.	0.
Virginia	3560	0	3625	7185	0.	0.	0.	0.
West Virginia	2910	37xx*	48xx*	11476	0.	-39.A	39.A	0.
PAD District II	76174	62147	54796	193117	0.	0.	0.	0.
Illinois	4128	0	0	4128	0.	0.	0.	0.
Indiana	45xx*	0	38xx*	8459	-33.A	0.	33.A	0.
Iowa	1149	4196	4216	9561	0.	0.	0.	0.
Kansas	12xxx*	1032x*	1xxx*	24274	115.A	-3.A	-112.A	0.
Kentucky	5xxx*	280x*	6xxx*	15136	-61.A	3.A	58.A	0.
Michigan	2022	0	6668	8690	0.	0.	0.	0.
Minnesota	6400	3694	1332	11426	0.	0.	0.	0.
Missouri	5915	10385	3934	20234	0.	0.	0.	0.
Nebraska	2652	7667	942	11261	0.	0.	0.	0.
North Dakota	4671	8286	0	12957	0.	0.	0.	0.
Ohio	7197	0	3477	10674	0.	0.	0.	0.
Oklahoma	40xx*	1864	43xx*	10233	-21.A	0.	21.A	0.
South Dakota	24	11013	5526	16563	0.	0.	0.	0.
Tennessee	2242	645	8325	11212	0.	0.	0.	0.
Wisconsin	13309	1280	3720	18309	0.	0.	0.	0.
PAD District III	15248	23726	26417	65391	0.	0.	0.	0.
Alabama	35xx*	2xx*	2856	6619	25.A	-25.w	0.	0.
Arkansas	1598	5628	6358	13584	0.	0.	0.	0.
Louisiana	0	3xxx*	4xxx*	7755	0.	65.A	-65.A	0.
Mississippi	666	9xxx*	2xxx*	12571	0.	69.A	-69.A	0.
New Mexico	8410	4928	6696	20034	0.	0.	0.	0.
Texas	10xx*	xxx*	3xxx*	4828	-25.A	-109.w	134.A	0.
PAD District IV	13561	23112	8479	45152	0.	0.	0.	0.
Colorado	0	8772	5637	14409	0.	0.	0.	0.
Idaho	1xxx*	xxx*	8xx*	2xxx*	75.A	-94.w	-44.w	-63.A
Montana	xxx*	7xxx*	0	79xx*	-104.w	132.A	0.	28.A
Utah	57xx*	3xx*	0	60xx*	29.A	-38.w	0.	-9.A
Wyoming	6446	5660	20xx*	141xx*	0.	0.	44.A	44.A
PAD District V	19060	36492	14709	70261	0.	0.	0.	0.
Alaska	0	7948	4300	12248	0.	0.	0.	0.
Arizona	2721	828	2189	5738	0.	0.	0.	0.
California	3792	3728	2251	9771	0.	0.	0.	0.
Hawaii	1038	6141	327	7506	0.	0.	0.	0.
Nevada	2555	3522	0	6077	0.	0.	0.	0.
Oregon	0	14325	3040	17365	0.	0.	0.	0.
Washington	8954	0	2602	11556	0.	0.	0.	0.

* Lower Digits Withheld. Table Cell Perturbation Error Exceeds   .000%

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CTA Based Table 01 [ TARGET SMALL CELLS ]      MID-GRADE

                          DTW     RACK    BULK    TOTAL   < ---- Adjustments ---->
United States           234099  170421  209941  614461    0.      0.      0.      0.
PAD District I           69006   60078   45675  174759    0.      0.      0.      0.
  Subdistrict IA         23026   19648   17765   60439    0.      0.      0.      0.
    Connecticut           3672   10737    1551   15960    0.      0.      0.      0.
    Maine                 9886    2113    7014   19013    0.      0.      0.      0.
    Massachusetts        1xxx*   3xxx*       0    5103   84.w  -84.A     0.      0.
    New Hampshire        14xx*   17xx*    8119   11318  -39.A   39.A     0.      0.
    Rhode Island         55xx*    7xx*       0    6359   -6.A    6.A     0.      0.
    Vermont               6xx*    9xx*    1081    2686  -39.A   39.A     0.      0.
  Subdistrict IB         33509   14578   12603   60690    0.      0.      0.      0.
    Delaware              1386       0    3617    5003    0.      0.      0.      0.
    District of Columbia  7460    4758       0   12218    0.      0.      0.      0.
    Maryland                 0   39xx*   43xx*    8292    0.     18.A  -18.A     0.
    New Jersey            4795    3xx*     440   56xx*    0.     14.A     0.     14.A
    New York              6434   20xx*    7xx*   91xx*    0.    -32.p   18.A  -14.A
    Pennsylvania         13434    3480    3451   20365    0.      0.      0.      0.
  Subdistrict IC         12471   25852   15307   53630    0.      0.      0.      0.
    Florida              3xxx*    5264   1xxx*    9465  -82.A     0.     82.w     0.
    Georgia                  0   213x*   265x*    4783    0.      4.A   -4.A     0.
    North Carolina        7xx*    2xx*       0     986   35.w  -35.w     0.      0.
    South Carolina         345   14094       0   14439    0.      0.      0.      0.
    Virginia             48xx*    1724   83xx*   14910   22.A     0.    -22.A     0.
    West Virginia        33xx*   24xx*   3xxx*    9047   25.A   31.A  -56.A     0.
PAD District II          74913   67732   78659  221304    0.      0.      0.      0.
    Illinois             3xx*    14174   37xx*   18240   15.w     0.    -15.A     0.
    Indiana              xxx*    14060   19xx*  16xxx*  -83.w     0.      6.A  -77.A
    Iowa                  3319    4704   12645   20668    0.      0.      0.      0.
    Kansas               1xxx*   78xx*    6xx*    9790  -69.w   39.A   30.w     0.
    Kentucky             3xxx*    xxx*    7962   11938   61.A  -61.w     0.      0.
    Michigan            10xxx*   1xxx*       0   1103x*  55.A  -54.w     0.      1.A
    Minnesota             6756    3833   22520   33109    0.      0.      0.      0.
    Missouri              5075    1769    3330   10174    0.      0.      0.      0.
    Nebraska             16463    1526    4481   22470    0.      0.      0.      0.
    North Dakota          5772    5558    8154   19484    0.      0.      0.      0.
    Ohio                 10728    6112    5048   21888    0.      0.      0.      0.
    Oklahoma             15xx*    3090   32xx*    7846   21.A     0.    -21.A     0.
    South Dakota             0    1153    4227    5380    0.      0.      0.      0.
    Tennessee                0   1xxx*     543   2xxx*    0.     76.A     0.     76.A
    Wisconsin             9470     819     212   10501    0.      0.      0.      0.
PAD District III         33192   13706   35889   82787    0.      0.      0.      0.
    Alabama               9144      75    9977   19196    0.      0.      0.      0.
    Arkansas                 0       0    1448    1448    0.      0.      0.      0.
    Louisiana             5772    3596    9797   19165    0.      0.      0.      0.
    Mississippi           5261    6399    2330   13990    0.      0.      0.      0.
    New Mexico            8475    3636   10033   22144    0.      0.      0.      0.
    Texas                 4540       0    2304    6844    0.      0.      0.      0.
PAD District IV          26384   13793   33824   74001    0.      0.      0.      0.
    Colorado              9457    4440    8352   22249    0.      0.      0.      0.
    Idaho                63xx*    9353   89xx*   24550  -44.A     0.     44.A     0.
    Montana              63xx*       0  118xx*   18194   44.A     0.    -44.A     0.
    Utah                  4232       0    4776    9008    0.      0.      0.      0.
    Wyoming                  0       0       0       0    0.      0.      0.      0.
PAD District V           30604   15112   15894   61610    0.      0.      0.      0.
    Alaska               695x*       0   387x*   10810    1.A     0.     -1.A     0.
    Arizona                583       0     363     946    0.      0.      0.      0.
    California           57xx*   3xxx*   66xx*   15396   28.A  -69.A   41.A     0.
    Hawaii                9123     147    2664   11934    0.      0.      0.      0.
    Nevada                5xx*   26xx*    2013    5201  -29.w   29.A     0.      0.
    Oregon                4585    6009       0   10594    0.      0.      0.      0.
    Washington            3058   33xx*    3xx*    6729    0.     40.A  -40.w     0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds  .000%
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CTA Based Table 01 [ TARGET SMALL CELLS ]      PREMIUM

                         DTW    RACK    BULK    TOTAL   < ---- Adjustments ---->
United States          169122  166813  193519  529454    0.     0.     0.     0.
PAD District I          69900   54199   57812  181911    0.     0.     0.     0.
  Subdistrict IA        28875   16615   24200   69690    0.     0.     0.     0.
    Connecticut          68xx*   15xx*   5602   13973    8.A   -8.A    0.     0.
    Maine                6874       0    4584   11458    0.     0.     0.     0.
    Massachusetts        2xxx*   43xx*  41xx*   10547  -53.A   14.A   39.A    0.
    New Hampshire        79xx*    5311   20xx*  15339   39.A    0.   -39.A    0.
    Rhode Island         30xx*   54xx*   2588   11127    6.A   -6.A    0.     0.
    Vermont              2064       0    5182    7246    0.     0.     0.     0.
  Subdistrict IB        21910   12103   17624   51637    0.     0.     0.     0.
    Delaware             6632     7xx*   32xx*  10604    0.   -28.A   28.A    0.
    District of Columbia 4860     1540    4012   10412    0.     0.     0.     0.
    Maryland                0     9xx*    9xx*    1848    0.    42.w  -42.A    0.
    New Jersey           7186     6xx*   38xx*  11643    0.   -14.A   14.A    0.
    New York             3232     6328    4740   14300    0.     0.     0.     0.
    Pennsylvania            0     1954     876    2830    0.     0.     0.     0.
  Subdistrict IC        19115   25481   15988   60584    0.     0.     0.     0.
    Florida              3xxx*    5429    1xxx*  10520   82.A    0.   -82.A    0.
    Georgia              8613     2355    6603   17571    0.     0.     0.     0.
    North Carolina       1xxx*       0    1xxx*   2432  -65.A    0.    65.w    0.
    South Carolina          0    11093       0   11093    0.     0.     0.     0.
    Virginia             2480     4088       0    6568    0.     0.     0.     0.
    West Virginia        33xx*    2516    65xx*  12400  -17.A    0.    17.A    0.
PAD District II         48832   45882   63611  158325    0.     0.     0.     0.
    Illinois             40xx*    1xxx*  119xx*  17222  -15.A   60.w  -45.A    0.
    Indiana              2xxx*       0       0    2xxx*  97.w    0.     0.    97.w
    Iowa                  412     5898    3872   10182    0.     0.     0.     0.
    Kansas               3xxx*       0    1xxx*   5025  -82.A    0.    82.w    0.
    Kentucky                0    30xx*   45xx*   75xx*   0.    17.A  -37.A  -20.A
    Michigan                0    190x*    3830   573x*   0.    -1.A    0.    -1.A
    Minnesota            8071     5144    2368   15583    0.     0.     0.     0.
    Missouri             4555       20       0    4575    0.     0.     0.     0.
    Nebraska             6310     5357   12187   23854    0.     0.     0.     0.
    North Dakota            0     8633       0    8633    0.     0.     0.     0.
    Ohio                 6693     4371    6707   17771    0.     0.     0.     0.
    Oklahoma            11318     3617    2664   17599    0.     0.     0.     0.
    South Dakota            0      504    6908    7412    0.     0.     0.     0.
    Tennessee               0     2xxx*   4466    6xxx*   0.   -76.A    0.   -76.A
    Wisconsin            2077     4014    2373    8464    0.     0.     0.     0.
PAD District III        21321   26517   17132   64970    0.     0.     0.     0.
    Alabama              26xx*    4674    9xx*    8223  -25.A    0.    25.A    0.
    Arkansas             4400     9815    4856   19071    0.     0.     0.     0.
    Louisiana            1730     5xxx*   1xxx*   8202    0.   -65.A   65.w    0.
    Mississippi          1010      792       0    1802    0.     0.     0.     0.
    New Mexico           5218     4822    8455   18495    0.     0.     0.     0.
    Texas                63xx*    1xxx*   1xxx*   9177   25.A   65.A  -90.w    0.
PAD District IV         11355     9475   26290   47120    0.     0.     0.     0.
    Colorado             2751     1456    9460   13667    0.     0.     0.     0.
    Idaho                   0    32xx*       0   32xx*   0.    28.A    0.    28.A
    Montana                 0     1xxx*  10xxx*  113xx*   0.  -119.w   91.A  -28.A
    Utah                 3720     1539    6016   11275    0.     0.     0.     0.
    Wyoming              4884     1xxx*    xxx*    7491    0.    91.w  -91.A    0.
PAD District V          17714   30740   28674   77128    0.     0.     0.     0.
    Alaska               1x*      6998    526x*  12269   -1.w    0.     1.A    0.
    Arizona              1120        0      30    1150    0.     0.     0.     0.
    California           30xx*    xxx*    2xxx*   6353  -28.A   79.w  -51.A    0.
    Hawaii               3736     2046    6026   11808    0.     0.     0.     0.
    Nevada               23xx*    81xx*   63xx*  16839   29.A  -39.A   10.A    0.
    Oregon               3038    12519    5168   20725    0.     0.     0.     0.
    Washington           4425      xx*    35xx*   7984    0.   -40.A   40.A    0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds   .000%
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CTA Based Table 01 [ TARGET SMALL CELLS ]      ALL GRADE

                          DTW     RACK     BULK    TOTAL   < ---- Adjustments ---->
United States           591889   555705   573481  1721075    0.      0.      0.      0.
PAD District I          203531   187271   169107   559909    0.      0.      0.      0.
  Subdistrict IA         77215    65043    58917   201175    0.      0.      0.      0.
    Connecticut          16751    13781     8853    39385    0.      0.      0.      0.
    Maine                20696     6832    16027    43555    0.      0.      0.      0.
    Massachusetts        40xx*    11xxx*   41xx*    19662   39.A   -78.A   39.A    0.
    New Hampshire        17235     71xx*  133xx*    37724    0.     39.A  -39.A    0.
    Rhode Island         10417    12453     6564    29434    0.      0.      0.      0.
    Vermont              80xx*   134xx*     9922    31415  -39.A    39.A    0.      0.
  Subdistrict IB         74836    43174    52562   170572    0.      0.      0.      0.
    Delaware             14996     3xxx*   11xxx*   29257    0.     57.A  -57.A    0.
    District of Columbia 14573    11368    15350    41291    0.      0.      0.      0.
    Maryland              3311     6590     6465    16366    0.      0.      0.      0.
    New Jersey           18856     1000     4416    24272    0.      0.      0.      0.
    New York              9666     8xxx*    6xxx*   24934    0.    -57.A   57.A    0.
    Pennsylvania         13434    11973     9045    34452    0.      0.      0.      0.
  Subdistrict IC         51480    79054    57628   188162    0.      0.      0.      0.
    Florida               6720    21550     4419    32689    0.      0.      0.      0.
    Georgia              18574     449x*    926x*   32315    0.      4.A    -4.A    0.
    North Carolina       40xx*     751x*    98xx*   21376  -30.A    4.A    26.A    0.
    South Carolina        1540    31074     7582    40196    0.      0.      0.      0.
    Virginia            109xx*     5812   119xx*    28663   22.A     0.    -22.A    0.
    West Virginia        96xx*     86xx*   14635    32923    8.A    -8.A    0.      0.
PAD District II         199919   175761   197066   572746    0.      0.      0.      0.
    Illinois              8497    15xxx*   15xxx*   39590    0.     60.A  -60.A    0.
    Indiana              73xx*    14060     58xx*  272xx*   -19.A    0.     39.A   20.A
    Iowa                  4880    14798    20733    40411    0.      0.      0.      0.
    Kansas              167xx*   181xx*     4186    39089   -36.A   36.A    0.      0.
    Kentucky              9190     63xx*  191xx*   346xx*    0.    -41.A   21.A  -20.A
    Michigan             12xxx*    2xxx*   10498    25446   55.A   -55.A    0.      0.
    Minnesota            21227    12671    26220    60118    0.      0.      0.      0.
    Missouri             15545    12174     7264    34983    0.      0.      0.      0.
    Nebraska             25425    14550    17610    57585    0.      0.      0.      0.
    North Dakota         10443    22477     8154    41074    0.      0.      0.      0.
    Ohio                 24618    10483    15232    50333    0.      0.      0.      0.
    Oklahoma             16828     8571    10279    35678    0.      0.      0.      0.
    South Dakota            24    12670    16661    29355    0.      0.      0.      0.
    Tennessee             2242     4328    13334    19904    0.      0.      0.      0.
    Wisconsin            24856     6113     6305    37274    0.      0.      0.      0.
PAD District III         69761    63949    79438   213148    0.      0.      0.      0.
    Alabama              15332     49xx*  137xx*    34038    0.    -25.A   25.A    0.
    Arkansas              5998    15443    12662    34103    0.      0.      0.      0.
    Louisiana             7502    12006    15614    35122    0.      0.      0.      0.
    Mississippi           6937    16xxx*    5xxx*   28363    0.     69.A  -69.A    0.
    New Mexico           22103    13386    25184    60673    0.      0.      0.      0.
    Texas                11889     19xx*    70xx*   20849    0.    -44.A   44.A    0.
PAD District IV          51300    46380    68593   166273    0.      0.      0.      0.
    Colorado             12208    14668    23449    50325    0.      0.      0.      0.
    Idaho                73xx*    13xxx*    9736   305xx*   31.A   -66.A    0.    -35.A
    Montana               6xxx*    87xx*  219xx*    37493  -60.A    13.A   47.A    0.
    Utah                136xx*     18xx*   10792   263xx*   29.A   -38.A    0.     -9.A
    Wyoming              11330     7xxx*    26xx*  216xx*    0.     91.A  -47.A   44.A
PAD District V           67378    82344    59277   208999    0.      0.      0.      0.
    Alaska                6958    14946    13423    35327    0.      0.      0.      0.
    Arizona               4424      828     2582     7834    0.      0.      0.      0.
    California           12565     77xx*  112xx*    31520    0.     10.A  -10.A    0.
    Hawaii               13897     8334     9017    31248    0.      0.      0.      0.
    Nevada                5474   143xx*    83xx*    28117    0.    -10.A   10.A    0.
    Oregon                7623    32853     8208    48684    0.      0.      0.      0.
    Washington           16437     3354     6478    26269    0.      0.      0.      0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds   .000%
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CTA Based Table 02 [ TARGET SMALL CELLS ]      CONVEN
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	DTW	RACK	BULK	TOTAL	< ----	Adjustments	---->	
United States	233472	200510	189281	623263	0.	0.	0.	0.
PAD District I	68198	70091	55844	194133	0.	0.	0.	0.
Subdistrict IA	18833	32486	16044	67363	0.	0.	0.	0.
Connecticut	5274	6611	4129	16014	0.	0.	0.	0.
Maine	1672	3008	0	4680	0.	0.	0.	0.
Massachusetts	2010	6548	0	8558	0.	0.	0.	0.
New Hampshire	6069	3xx*	22xx*	8675	0.	-18.w	18.A	0.
Rhode Island	3808	9506	2815	16129	0.	0.	0.	0.
Vermont	0	64xx*	68xx*	13307	0.	18.A	-18.A	0.
Subdistrict IB	24411	9950	20109	54470	0.	0.	0.	0.
Delaware	2184	18xx*	18xx*	5828	0.	-11.A	11.A	0.
District of Columbia	3892	0	7340	11232	0.	0.	0.	0.
Maryland	0	56xx*	19xx*	7679	0.	-42.A	42.A	0.
New Jersey	5261	625	0	5886	0.	0.	0.	0.
New York	3705	xx*	47xx*	8552	0.	-6.w	6.A	0.
Pennsylvania	9369	1xxx*	4xxx*	15293	0.	59.A	-59.A	0.
Subdistrict IC	24954	27655	19691	72300	0.	0.	0.	0.
Florida	5865	12510	1613	19988	0.	0.	0.	0.
Georgia	104xx*	2xxx*	62xx*	18788	46.A	-84.A	38.A	0.
North Carolina	8xx*	xxx*	45xx*	6408	-46.w	84.w	-38.A	0.
South Carolina	0	9802	0	9802	0.	0.	0.	0.
Virginia	4216	0	2486	6702	0.	0.	0.	0.
West Virginia	3500	2376	4736	10612	0.	0.	0.	0.
PAD District II	81809	63212	73202	218223	0.	0.	0.	0.
Illinois	7240	5456	2975	15671	0.	0.	0.	0.
Indiana	1xxx*	5561	1xxx*	85xx*	-64.w	0.	84.w	20.A
Iowa	596	5008	10282	15886	0.	0.	0.	0.
Kansas	2xxx*	58xx*	3xxx*	11730	-89.A	36.A	53.A	0.
Kentucky	0	xxx*	93xx*	98xx*	0.	-61.w	39.A	-22.A
Michigan	4xxx*	1xxx*	8260	14411	90.A	-90.w	0.	0.
Minnesota	11902	2428	17184	31514	0.	0.	0.	0.
Missouri	9693	3750	0	13443	0.	0.	0.	0.
Nebraska	14640	3233	8340	26213	0.	0.	0.	0.
North Dakota	1xxx*	13743	1xxx*	16159	63.w	0.	-63.A	0.
Ohio	10999	6112	5141	22252	0.	0.	0.	0.
Oklahoma	3732	4214	3550	11496	0.	0.	0.	0.
South Dakota	0	1153	5x*	120x*	0.	0.	2.w	2.A
Tennessee	0	1xxx*	xxx*	1565	0.	83.A	-83.A	0.
Wisconsin	13336	32xx*	16xx*	18269	0.	32.A	-32.A	0.
PAD District III	32837	31206	23139	87182	0.	0.	0.	0.
Alabama	15332	334	5273	20939	0.	0.	0.	0.
Arkansas	4xxx*	8042	2xxx*	15291	-66.A	0.	66.A	0.
Louisiana	0	4994	5895	10889	0.	0.	0.	0.
Mississippi	2xxx*	11737	1xxx*	15634	66.A	0.	-66.w	0.
New Mexico	7810	6099	3972	17881	0.	0.	0.	0.
Texas	2756	0	3792	6548	0.	0.	0.	0.
PAD District IV	13773	10181	19060	43014	0.	0.	0.	0.
Colorado	4240	3951	7876	16067	0.	0.	0.	0.
Idaho	56xx*	29xx*	0	8588	22.A	-22.A	0.	0.
Montana	xxx*	1xxx*	6xxx*	85xx*	-51.w	-69.w	76.A	-44.A
Utah	14xx*	0	25xx*	3950	29.A	0.	-29.A	0.
Wyoming	2043	1xxx*	19xx*	58xx*	0.	91.w	-47.A	44.A
PAD District V	36855	25820	18036	80711	0.	0.	0.	0.
Alaska	2205	4240	8388	14833	0.	0.	0.	0.
Arizona	1367	0	0	1367	0.	0.	0.	0.
California	4592	xx*	0	46xx*	0.	-10.w	0.	-10.A
Hawaii	1122x*	630x*	3482	21001	-2.A	2.A	0.	0.
Nevada	2483	84xx*	53xx*	16284	0.	8.A	-8.A	0.
Oregon	47xx*	6788	0	115xx*	10.A	0.	0.	10.A
Washington	102xx*	0	7xx*	11014	-8.A	0.	8.A	0.

* Lower Digits Withheld. Table Cell Perturbation Error Exceeds .000%

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CTA Based Table 02 [ TARGET SMALL CELLS ]        OXYGEN
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	DTW	RACK	BULK	TOTAL	< ---- Adjustments ---->			
United States	185909	157406	176052	519367	0.	0.	0.	0.
PAD District I	62713	59801	51566	174080	0.	0.	0.	0.
Subdistrict IA	36179	20682	21112	77973	0.	0.	0.	0.
Connecticut	54xx*	588x*	16xx*	13060	-39.A	-2.A	41.A	0.
Maine	12772	1478	3159	17409	0.	0.	0.	0.
Massachusetts	2xx*	1xxx*	30xx*	4xxx*	39.w	-78.w	-14.A	-53.A
New Hampshire	6448	4444	7408	18300	0.	0.	0.	0.
Rhode Island	6609	2xxx*	3749	12xxx*	0.	59.A	0.	59.A
Vermont	4648	49xx*	20xx*	116xx*	0.	21.A	-27.A	-6.A
Subdistrict IB	16120	12775	12539	41434	0.	0.	0.	0.
Delaware	5396	0	5313	10709	0.	0.	0.	0.
District of Columbia	5118	2725	940	8783	0.	0.	0.	0.
Maryland	0	0	932	932	0.	0.	0.	0.
New Jersey	3737	0	3832	7569	0.	0.	0.	0.
New York	1869	20xx*	7xx*	4737	0.	-38.A	38.A	0.
Pennsylvania	0	79xx*	7xx*	8704	0.	38.A	-38.w	0.
Subdistrict IC	10414	26344	17915	54673	0.	0.	0.	0.
Florida	855	3469	959	5283	0.	0.	0.	0.
Georgia	29xx*	1472	8xx*	5289	-37.A	0.	37.A	0.
North Carolina	10xx*	6xxx*	3xxx*	10952	16.A	-80.A	64.A	0.
South Carolina	1540	8716	2862	13118	0.	0.	0.	0.
Virginia	3869	3xxx*	xxx*	8615	0.	51.A	-51.w	0.
West Virginia	2xx*	23xx*	8xxx*	11416	21.w	29.A	-50.A	0.
PAD District II	70903	41637	63903	176443	0.	0.	0.	0.
Illinois	1257	xxx*	8xxx*	1101x*	0.	74.w	-72.A	2.A
Indiana	29xx*	7304	40xx*	14264	45.A	0.	-45.A	0.
Iowa	2113	4459	5890	12462	0.	0.	0.	0.
Kansas	3xxx*	5421	xxx*	9205	80.A	0.	-80.w	0.
Kentucky	9190	2142	3821	15153	0.	0.	0.	0.
Michigan	65xx*	12xx*	0	7723	-35.A	35.A	0.	0.
Minnesota	4295	2781	4650	11726	0.	0.	0.	0.
Missouri	4878	2965	3712	11555	0.	0.	0.	0.
Nebraska	6235	2974	6418	15627	0.	0.	0.	0.
North Dakota	2xxx*	3856	3xxx*	9952	-63.A	0.	63.A	0.
Ohio	9932	1821	8186	19939	0.	0.	0.	0.
Oklahoma	10858	2493	3276	16627	0.	0.	0.	0.
South Dakota	0	2040	494x*	698x*	0.	0.	-2.A	-2.A
Tennessee	5xx*	1xxx*	4xxx*	6211	26.w	-109.A	83.A	0.
Wisconsin	6xxx*	0	1xxx*	8010	-53.A	0.	53.w	0.
PAD District III	10582	14268	24802	49652	0.	0.	0.	0.
Alabama	0	0	755x*	755x*	0.	0.	-2.A	-2.A
Arkansas	1xxx*	2520	5xxx*	9145	75.A	0.	-75.A	0.
Louisiana	0	6205	4003	10208	0.	0.	0.	0.
Mississippi	2xxx*	0	2xxx*	4657	-75.A	0.	75.A	0.
New Mexico	7421	4451	5082	16954	0.	0.	0.	0.
Texas	0	1092	5x*	114x*	0.	0.	2.w	2.A
PAD District IV	20750	15061	17089	52900	0.	0.	0.	0.
Colorado	0	7132	0	7132	0.	0.	0.	0.
Idaho	17xx*	8xx*	6724	92xx*	9.A	-44.w	0.	-35.A
Montana	3xx*	55xx*	6898	128xx*	-9.A	44.A	0.	35.A
Utah	12230	1539	3467	17236	0.	0.	0.	0.
Wyoming	6460	0	0	6460	0.	0.	0.	0.
PAD District V	20961	26639	18692	66292	0.	0.	0.	0.
Alaska	474x*	2844	359x*	11173	1.A	0.	-1.A	0.
Arizona	2xxx*	0	1xxx*	3786	58.A	0.	-58.A	0.
California	38xx*	1863	50xx*	108xx*	20.A	0.	-10.A	10.A
Hawaii	2614	0	2544	5158	0.	0.	0.	0.
Nevada	2991	46xx*	4xx*	8121	0.	-42.A	42.w	0.
Oregon	1xxx*	172xx*	30xx*	219xx*	-87.w	42.A	35.A	-10.A
Washington	27xx*	0	25xx*	5249	8.A	0.	-8.A	0.

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* Lower Digits Withheld. Table Cell Perturbation Error Exceeds  .000%
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CTA Based Table 02 [ TARGET SMALL CELLS ]        REFORM

                        DTW     RACK     BULK    TOTAL   < ---- Adjustments ---->
United States          172508  197789  208148   578445    0.     0.     0.     0.
PAD District I          72620   57379   61697   191696    0.     0.     0.     0.
  Subdistrict IA        22203   11875   21761    55839    0.     0.     0.     0.
    Connecticut         59xx*   129x*   30xx*    10311   39.A    2.A -41.A    0.
    Maine                6252    2346   12868    21466    0.     0.     0.     0.
    Massachusetts        1839    3405    1xxx*    6xxx*   0.     0.    53.w   53.A
    New Hampshire        4718    2xxx*   3xxx*    10749    0.    57.A -57.A    0.
    Rhode Island            0     xxx*      0      xxx*    0.   -59.w    0.   -59.w
    Vermont             34xx*    2011    10xx*    64xx*  -39.A    0.    45.p    6.A
  Subdistrict IB        34305   20449   19914    74668    0.     0.     0.     0.
    Delaware             7416    1xxx*   3xxx*    12720    0.    68.w -68.A    0.
    District of Columbia 5563    8643    7070     21276    0.     0.     0.     0.
    Maryland             3311     9xx*   35xx*     7755    0.    42.w -42.A    0.
    New Jersey           9858     375     584     10817    0.     0.     0.     0.
    New York             4092    68xx*    7xx*    11645    0.   -13.A  13.A    0.
    Pennsylvania         4065    2xxx*   4xxx*    10455    0.   -97.A  97.A    0.
  Subdistrict IC        16112   25055   20022    61189    0.     0.     0.     0.
    Florida                 0    5571    1847      7418    0.     0.     0.     0.
    Georgia             51xx*    xxx*    2xxx*     8238   -9.A   88.w -79.A    0.
    North Carolina       2204       0    1812      4016    0.     0.     0.     0.
    South Carolina          0   12556    4720     17276    0.     0.     0.     0.
    Virginia            28xx*    2xxx*   84xx*    13346   22.A  -51.A  29.A    0.
    West Virginia       59xx*    39xx*   1xxx*    10895  -13.A  -37.A  50.w    0.
PAD District II         47207   70912   59961   178080    0.     0.     0.     0.
    Illinois                0    91xx*   37xx*   1291x*    0.   -14.A  12.A   -2.A
    Indiana              3225    1195       0      4420    0.     0.     0.     0.
    Iowa                 2171    5331    4561     12063    0.     0.     0.     0.
    Kansas             110xx*    6859     2xx*    18154  -27.A    0.    27.w    0.
    Kentucky                0    36xx*   60xx*    966x*    0.    20.A -18.A    2.A
    Michigan             1074       0    2238      3312    0.     0.     0.     0.
    Minnesota            5030    7462    4386     16878    0.     0.     0.     0.
    Missouri              974    5459    3552      9985    0.     0.     0.     0.
    Nebraska             4550    8343    2852     15745    0.     0.     0.     0.
    North Dakota         6903    4878    3182     14963    0.     0.     0.     0.
    Ohio                 3687    2550    1905      8142    0.     0.     0.     0.
    Oklahoma             2238    1864    3453      7555    0.     0.     0.     0.
    South Dakota           24    9477   11671     21172    0.     0.     0.     0.
    Tennessee           16xx*    18xx*   8591     12128  -26.A   26.A    0.     0.
    Wisconsin           4xxx*    28xx*   35xx*    10995   53.A  -32.A -21.A    0.
PAD District III        26342   18475   31497    76314    0.     0.     0.     0.
    Alabama                 0    46xx*    9xx*     555x*   0.   -25.A  27.A    2.A
    Arkansas             6xx*    4881    41xx*     9667   -9.p    0.     9.A    0.
    Louisiana            7502     807    5716     14025    0.     0.     0.     0.
    Mississippi         21xx*    4xxx*   1xxx*     8072    9.A   69.A -78.w    0.
    New Mexico           6872    2836   16130     25838    0.     0.     0.     0.
    Texas                9133     8xx*   31xx*    1316x*   0.   -44.w  42.A   -2.A
PAD District IV         16777   21138   32444    70359    0.     0.     0.     0.
    Colorado             7968    3585   15573     27126    0.     0.     0.     0.
    Idaho                   0    9651    3012     12663    0.     0.     0.     0.
    Montana              5982    19xx*   82xx*    161xx*   0.    38.A -29.A    9.A
    Utah                    0     3xx*   48xx*     51xx*   0.   -38.w  29.A   -9.A
    Wyoming              2827    5660     769      9256    0.     0.     0.     0.
PAD District V           9562   29885   22549    61996    0.     0.     0.     0.
    Alaska               1x*     7862    145x*     9321   -1.w    0.     1.A    0.
    Arizona              xxx*     828    1xxx*     2681  -58.A    0.    58.A    0.
    California          41xx*    57xx*   6143     16023  -20.A   20.A    0.     0.
    Hawaii               6x*     204x*   2991      5089    2.w   -2.A    0.     0.
    Nevada                  0    12xx*   24xx*     3712    0.    24.A -24.A    0.
    Oregon              1xxx*    87xx*   51xx*    15164   77.w  -42.A -35.A    0.
    Washington           3494    3354    3158     10006    0.     0.     0.     0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds  .000%
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CTA Based Table 02 [ TARGET SMALL CELLS ]      ALL FORM

                          DTW     RACK     BULK    TOTAL   < ---- Adjustments ---->
United States           591889   555705   573481  1721075    0.     0.     0.     0.
PAD District I          203531   187271   169107   559909    0.     0.     0.     0.
  Subdistrict IA         77215    65043    58917   201175    0.     0.     0.     0.
    Connecticut          16751    13781     8853    39385    0.     0.     0.     0.
    Maine                20696     6832    16027    43555    0.     0.     0.     0.
    Massachusetts        40xx*    11xxx*   41xx*    19662   39.A  -78.A  39.A    0.
    New Hampshire        17235     71xx*   133xx*   37724    0.    39.A  -39.A    0.
    Rhode Island         10417    12453     6564    29434    0.     0.     0.     0.
    Vermont              80xx*    134xx*    9922    31415  -39.A   39.A    0.     0.
  Subdistrict IB         74836    43174    52562   170572    0.     0.     0.     0.
    Delaware             14996     3xxx*   11xxx*   29257    0.    57.A  -57.A    0.
    District of Columbia 14573    11368    15350    41291    0.     0.     0.     0.
    Maryland              3311     6590     6465    16366    0.     0.     0.     0.
    New Jersey           18856     1000     4416    24272    0.     0.     0.     0.
    New York              9666     8xxx*    6xxx*   24934    0.   -57.A   57.A    0.
    Pennsylvania         13434    11973     9045    34452    0.     0.     0.     0.
  Subdistrict IC         51480    79054    57628   188162    0.     0.     0.     0.
    Florida               6720    21550     4419    32689    0.     0.     0.     0.
    Georgia              18574     449x*    926x*   32315    0.     4.A   -4.A    0.
    North Carolina       40xx*     751x*    98xx*   21376  -30.A    4.A   26.A    0.
    South Carolina        1540    31074     7582    40196    0.     0.     0.     0.
    Virginia            109xx*     5812    119xx*   28663   22.A    0.   -22.A    0.
    West Virginia        96xx*     86xx*   14635    32923    8.A   -8.A    0.     0.
PAD District II         199919   175761   197066   572746    0.     0.     0.     0.
    Illinois              8497    15xxx*   15xxx*   39590    0.    60.A  -60.A    0.
    Indiana              73xx*    14060     58xx*  272xx*  -19.A    0.    39.A   20.A
    Iowa                  4880    14798    20733    40411    0.     0.     0.     0.
    Kansas              167xx*    181xx*    4186    39089  -36.A   36.A    0.     0.
    Kentucky              9190     63xx*   191xx*  346xx*    0.   -41.A   21.A  -20.A
    Michigan             12xxx*    2xxx*   10498    25446   55.A  -55.A    0.     0.
    Minnesota            21227    12671    26220    60118    0.     0.     0.     0.
    Missouri             15545    12174     7264    34983    0.     0.     0.     0.
    Nebraska             25425    14550    17610    57585    0.     0.     0.     0.
    North Dakota         10443    22477     8154    41074    0.     0.     0.     0.
    Ohio                 24618    10483    15232    50333    0.     0.     0.     0.
    Oklahoma             16828     8571    10279    35678    0.     0.     0.     0.
    South Dakota            24    12670    16661    29355    0.     0.     0.     0.
    Tennessee             2242     4328    13334    19904    0.     0.     0.     0.
    Wisconsin            24856     6113     6305    37274    0.     0.     0.     0.
PAD District III         69761    63949    79438   213148    0.     0.     0.     0.
    Alabama              15332     49xx*   137xx*   34038    0.   -25.A   25.A    0.
    Arkansas              5998    15443    12662    34103    0.     0.     0.     0.
    Louisiana             7502    12006    15614    35122    0.     0.     0.     0.
    Mississippi           6937    16xxx*    5xxx*   28363    0.    69.A  -69.A    0.
    New Mexico           22103    13386    25184    60673    0.     0.     0.     0.
    Texas                11889     19xx*    70xx*   20849    0.   -44.A   44.A    0.
PAD District IV          51300    46380    68593   166273    0.     0.     0.     0.
    Colorado             12208    14668    23449    50325    0.     0.     0.     0.
    Idaho                73xx*    13xxx*    9736   305xx*   31.A  -66.A    0.   -35.A
    Montana              6xxx*     87xx*   219xx*   37493  -60.A   13.A   47.A    0.
    Utah                136xx*     18xx*   10792   263xx*   29.A  -38.A    0.    -9.A
    Wyoming              11330     7xxx*    26xx*  216xx*    0.    91.A  -47.A   44.A
PAD District V           67378    82344    59277   208999    0.     0.     0.     0.
    Alaska                6958    14946    13423    35327    0.     0.     0.     0.
    Arizona               4424      828     2582     7834    0.     0.     0.     0.
    California           12565     77xx*   112xx*   31520    0.    10.A  -10.A    0.
    Hawaii               13897     8334     9017    31248    0.     0.     0.     0.
    Nevada                5474    143xx*    83xx*   28117    0.   -10.A   10.A    0.
    Oregon                7623    32853     8208    48684    0.     0.     0.     0.
    Washington           16437     3354     6478    26269    0.     0.     0.     0.
* Lower Digits Withheld. Table Cell Perturbation Error Exceeds   .000%
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STATISTICAL DISCLOSURE CONTROL / LIMITATION (SDC / SDL)

RELATED TECHNICAL INFORMATION FROM RAMESH A. DANDEKAR

- "Synthetic Tabular Data: A Better Alternative To Complementary Data Suppression - Original Manuscript Dated December 2001", Ramesh A. Dandekar, Manuscript Energy Information Administration, U. S. Department of Energy. Also available from CENEX-SDC Project International Conference, PSD2006, Rome, Italy, December 13-15, 2006, Companion CD Proceedings ISBN: 84-690-2100-1.

- "Synthetic Tabular Data: An Alternative To Complementary Cell Suppression", Ramesh A. Dandekar and Lawrence H. Cox (2002), Manuscript, Energy Information Administration, U. S. Department of Energy. *PRESENTATION SLIDES* Prepared for Washington Statistical Society Technical Seminar Program on October 15, 2002. Slides 34 to 36 and 41 to 43 demonstrate the statistical compatibility of the plus/minus heuristic-based CTA data with the original data in terms of mean, standard deviation and correlation coefficient.

- "Cost Effective Implementation of Synthetic Tabulation (a.k.a. Controlled Tabular Adjustments) in Legacy and New Statistical Data Publication Systems" Ramesh A. Dandekar (2003) , UNECE Work Session on Statistical Data Confidentiality (Luxembourg, 7-9 April, 2003) *PRESENTATION SLIDES*.

- "Sensitive Micro Data Protection Using Latin Hypercube Sampling Technique" Ramesh A. Dandekar (2002) Inference Control in Statistical Databases, LNCS 2316, pp. 117-125 2002, Springer-Verlag Berlin *PRESENTATION SLIDES*.

- "Multivariate Controlled Tabular Adjustments For SDL of Sensitive Data Using Latin Hypercube Sampling" Ramesh A. Dandekar (2003) JSM2003, Summer Conference, San Francisco, California *PRESENTATION SLIDES*.

- "Maximum Utility-Minimum Information Loss Table Server Design for Statistical Disclosure Control of Tabular Data", Ramesh A. Dandekar, June 9-11, 2004, Barcelona, Spain. *PRESENTATION SLIDES*. Related LOG-LINEAR analysis and 3-D sectional data from Eight Dimensional CPS Counts Data.

- "Complementary Cell Suppression Software Tools for Statistical Disclosure Control - Reality Check" Ramesh A. Dandekar (2005) , Joint UNECE/Eurostat Work Session on Statistical Data Confidentiality (Geneva, Switzerland, 9-11 November, 2005) *PRESENTATION SLIDES*.

- "Comparative Evaluation of Four Different Sensitive Tabular Data Protection Methods Using a Real Life Table Structure", Ramesh A. Dandekar (2007). *PRESENTATION SLIDES*. *Prepared Speech* Detailed output from Two 3_D Linked Tables   and   Related 4-D Table Comparison.

- Abstract(2002) of the forthcoming paper "Stepwise Shrinking Hypercubes to Develop a Complementary Cell Suppression Pattern in Data Bases Containing an Extremely Large Number of Sensitive Cells", Ramesh A. Dandekar

- **Huge** Tabular Data Test Cases available from Prof. Jordi Castro and Prof. JJ Salazar / **CASC** websites: Forty Dimensional Tabular Data   4million plus non-zero cells/10 million plus relations Tabular Data   six million plus non-zero cells/twenty two million plus relations Tabular Data   **Tabular Data Specifications File**   For Sensitivity Analysis**:** 6^{10} Tabular Structure Populated with   **250 Micro Data Records   500 Micro Data Records   1,000 Micro Data Records   5, 000 Micro Data Records** *SUMMARY CTA SOLUTIONS* using plus/minus heuristic.

- "How to Prevent Perturbation Procedures from Becoming Data Falsification Procedures" , available from

Synthetic Tabular Data - A Better Alternative to Complementary Data Suppression - Original Manuscript Dated December 2001

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Abstract. Complementary cell suppression is often used for statistical disclosure limitation in tabular data, and in particular for magnitude data such as aggregate economic statistics. Cell suppression results in missing data, This can complicate and sometimes thwart thorough analysis. Suppressed entries could be replaced by interval estimates of their hidden values, but this too presents analytical challenges. Expected values, often close to original values, threaten disclosure. These approaches are also limited in the ability to preserve additive structure. We demonstrate the use of synthetic tables to prevent disclosure of sensitive information. Synthetic tables are relatively easy to generate and provide significantly more information, compared to conventional tables protected by complementary data suppression techniques. Relatively low computational burden associated with synthetic tables make them much more attractive relative to other methods of tabular data protection. The accuracies of synthetic tabular cells are easy to control, making them a useful tool for dissemination of statistical information. The primary criterion for a valid synthetic table is that the value presented for a disclosure cell lie outside the cell's disclosure interval. The secondary objective is to hold a maximum number of synthetic cells to their true values. This is accomplished via iterative refinement of synthetic tabular cells using a variation of classical gradient search in a manner analogous to partial cell suppression.

1. Introduction

Procedures used to protect sensitive cells in tabular data have slowly evolved over the last four decades. From the very beginning federal statistical agencies realized that just withholding the value for sensitive cells was not a good enough strategy to protect sensitive information in tables containing marginal entries. The concept of complementary data suppression was, therefore, introduced and practiced ever since to protect sensitive cells from disclosure. At first it was thought that suppressing at least two cells in any given row or column offered adequate protection from disclosure for sensitive cells. Over the years statistical offices realized that the minimum of two suppressed cells in a row or column strategy did not work as well for sparse and multi-dimensional tables. Procedures based on network flow as well as linear programming techniques were introduced to increase the reliability and the efficiency of complementary data suppression procedures. In recent years, it has become increasingly

obvious that by using commonly practiced missing data analysis techniques, probabilistic estimates for the suppressed tabular cells can be derived with great accuracy, limiting the applicability of complementary cell suppression techniques for statistical disclosure prevention.   .

In this paper, we demonstrate an entirely different approach to the age-old objective of protecting sensitive data cells from disclosure in complex multi-dimensional link tables containing hierarchical structures.   In our approach, we completely discard the notion of complementary data suppression and in its place advocate the use of synthetic tables to disseminate statistical information.   Our proposed method completely eliminates the information loss associated with complementary data suppression procedures.   Our proposed approach requires a fraction of the computational resources required by the complementary cell suppression methods, and offers multiple alternatives to produce synthetic data by appropriate selection of an objective function that satisfies a wide variety of requirements for different statistical offices.

2 Basic Concept

The basic concept of generating synthetic tabular data that closely mimics the overall characteristics of real tabular data is quite straightforward. In synthetic tables, values for all the sensitive cells are kept at a safe distance away from their true cell values. The remaining non-sensitive cell values in the table are then adjusted from their true values as little as possible by using some predetermined criteria to make the table contents additive in all the dimensions as in the original table. The optimal mathematical structure of a synthetic table is relatively easy to specify by using mixed integer linear programming formulation[1].

Minimize SUM $[\, c_i \, (\, y_i^+ + y_i^- \,) \,]$

Subject to
$\quad M \, (\, y_i^+ - y_i^- \,) = 0$
$\quad 0 \, =< \, y_i^+ \, =< \, UB_i$
$\quad 0 \, =< \, y_i^- \, =< \, LB_i$
$\quad y_{ik}^+ \, >= \, BOUND_{ik} \, * \, I_{ik}$
$\quad y_{ik}^- \, >= \, BOUND_{ik} \, * \, (\, 1 - I_{ik} \,)$
where

$\qquad I_{ik}$ is a binary zero/one variable
$\qquad BOUND_{ik}$ is confidentiality bound for sensitive cell ik
$\qquad ik \, (\, k = 1, \, ... \, p \,) \quad p$ sensitive cells
$\qquad i \, = \, 1, \, ... \, n \quad$ n non-zero table cells
$\qquad y_i^+ =$ positive adjustment to cell value
$\qquad y_i^- \, =$ negative adjustment to cell value
$\qquad UB_i$ and LB_i Upper and lower cell bounds
$\qquad c_i \, = \,$ cost function.

---

[1] Fischetti,Salazar naming conventions are used

Five different cost functions are commonly used. They are: 1) constant, 2)log(value), 3) value, 4) 1/value, and 5) log(value)/value, where 'value' denotes the cell value.

It is generally known that the mixed integer linear programming formulations are suitable only to solve small problems. We, therefore, propose using a simplified linear programming formulation, which could be used in practice to generate large complex synthetic tables containing linked hierarchical structures. In our simplified linear programming formulation, the binary integer variable is replaced by a binary constant. We assign the binary constant the value of zero or one prior to finding a linear programming solution by using the following simple heuristic:

- Arrange all the sensitive cells in the table, in an increasing order of magnitude of the cell values.
- Using an alternate sequence, assign the value of zero and one to the binary constant associated with each sensitive cell, except when the values of the sensitive cells are identical.
- When the values of the sensitive cells are identical, assign the same binary constant value to them all.
- To ensure that our select direction of adjustment is followed, we assign relatively high value to the cost coefficient associated with sensitive cell adjustment component in the opposite direction.

3. Illustrative Example

We use a hypothetical 3 dimensional table, containing 10 columns, 6 rows and 4 levels to demonstrate generation of a synthetic table to disseminate statistical information. Our table contains 191 non-zero cells, of which 24 cells are sensitive cells. The location of the sensitive cells, their cell values and required cell protection values are as follows:

SENSITIVE CELLS AND PROTECTION REQUIREMENT

Col	Row	Lev	Val	Prot	Col	Row	Lev	Val	Prot	Col	Row	Lev	Val	Prot
===	===	===	===	====	===	===	===	===	====	===	===	===	===	====
2	1	1	714	39	2	1	2	539	59	2	4	3	644	35
4	1	2	70	7	4	1	3	614	34	4	2	2	786	87
4	2	3	928	51	4	4	2	382	42	4	6	2	1238	17
5	1	1	140	7	6	2	2	1074	59	6	3	2	544	30
7	1	3	549	61	7	3	2	631	70	7	5	2	726	40
7	5	3	134	7	8	1	3	92	10	8	4	2	1050	58
8	5	1	664	36	8	5	4	664	36	9	2	1	1042	57
9	3	3	820	91	9	5	2	1598	88	9	5	4	1598	88

By using the traditional complementary cell suppression technique, our test example requires 39 complementary cell suppressions to adequately protect 24 sensitive cells. The entire table contents are displayed below. In the table, the complementary suppression cells are marked by a symbol c next to the cell value. The sensitive cells are identified by a symbol w next to the cell value. In addition, to the symbols w and c, we use gray shades to identify suppressed cells. The gray shades are to emphasize that the numeric values for these cells are prevented from a display to data users. The

complementary cell suppression technique in this example results in a significant amount of information loss, rendering the table useless for many practical applications.

```
                DATA SUPPRESSION -- (10x6x4) TABLE

 6764    714w 3356  4067c  140w   --    3932  1478c   --  |20451
 1994c    --  5593   --    3022  3504c   --   3220  1042w|18375
 3744c    --  3708   --    3678c 2502c   --    --    --   |13632
 2810c10632c   --   2445c   --    --    2313  2978  7548c|28726
 3682     --   --    --    4667  1988c 1748   664w   --   |12749
 ------------------------------------------------------------
 18994 11346 12657  6512 11507  7994  7993  8340  8590 |93933

   --    539w   --    70w   --    7472   715c 3832   --  |12628
 2253c    --  4948   786w   472  1074w 1830  5030   --   |16393
  640c    --   986    --    --    544w  631w   48c  750c| 3599
 1334c    --  1016   382w  3175  3302c 3803  1050w   --  |14062
 1648   2814   --    --    --    2102c  726w   --   1598w| 8888
 ------------------------------------------------------------
 5875   3353c 6950  1238w 3647 14494  7705  9960  2348 |55570

   --   3552c 3476   614w  1916c 1131   549w   92w 1772 |13102
   --    --   3222   928w   --    --    308c   429   87c| 4974
 4145    --    --   3692  2115c 4196   414c  3804c  820w|19186
 5995    644w  --    --   2410  1677c   --   1912c 4134c|16772
 2016    --    --   2212  2826  1627c  134w    --    --  | 8815
 ------------------------------------------------------------
 12156  4196c 6698  7446c 9267  8631  1405  6237  6813 |62849

 6764   4805  6832  4751  2056  8603  5196  5402  1772 |46181
 4247     --  13763 1714  3494  4578  2138c 8679  1129c|39742
 8529     --  4694  3692  5793  7242  1045c 3852c 1570c|36417
 10139 11276  1016  2827  5585  4979  6116  5940 11682 |59560
 7346   2814   --   2212  7493  5717  2608   664w 1598w|30452
 ------------------------------------------------------------
 37025 18895 26305 15196 24421 31119 17103 24537 17751 212352
```

To generate a synthetic table that retains most of the statistical characteristics of the original unsuppressed table above, we use the linear programming heuristic formulation specified earlier. We make use of a cost function, which is proportional to the cell value, to identify the required controlled adjustments to select few non-sensitive cell values. The cell value adjustments are such that resulting table is additive in all the dimensions and at the same time the published estimates for the sensitive cells are kept outside of their disclosure range. The table below summarizes the cell locations and magnitude of required controlled adjustments to the true cell values. We have highlighted sensitive cells, in addition to marking them with symbol w, so that readers can easily verify that all adjustments to sensitive cells are beyond their respective confidentiality bounds.

CONTROLLED ADJUSTMENTS (10x6x4) TABLE

```
--    39w    --    -41   -8w    --    --    10    -- |    --
--    --     --    --     9     22    --    26   -57w|    --
--    --     --    --     8     -8    --    --    -- |    --
 5    -35    --    -38    --     --    11    --    57 |    --
-5    --     --    --     --    -14    55   -36w   -- |    --
===========================================================
--     4     --    -79    9     --    66    --    -- |    --

--    -62w   --     7w    --     --    55    --    -- |    --
--    --     --    78w   -9    -59w    --   -10    -- |    --
--    --     --    --     --    30w   -70w  -48    88 |    --
-5    --     --    38w    --    -80   -11    58w    -- |    --
 5    14     --    --     --    109   -40w    --   -88w|    --
===========================================================
--    -48    --    123w   -9     --   -66    --    -- |    --

--     9     --    34w    8      --   -55w  -10w   14 |    --
--    --     --    51w    --     --   -161  -16   126 |    --
--    --     --    -41    -8    -22    70    84   -83w|    --
--    35w    --    --     --     80    --   -58   -57 |    --
--    --     --    -88    --    -58   146w    --   -- |    --
===========================================================
--    44     --    -44    --     --    --    --    -- |    --

--    -14    --    --     --     --    --    --    14 |    --
--    --     --    129    --    -37   -161    --   69 |    --
--    --     --    -41    --     --    --    36     5 |    --
--    --     --    --     --     --    --    --    -- |    --
--    14     --    -88    --     37   161   -36w  -88w|    --
===========================================================
--    --     --    --     --     --    --    --    -- |    --
```

After applying the linear programming-based control adjustments to the original table, our synthetic table will appear as shown below. Once again, in the following table we highlight all the sensitive cells for the ease of understanding of our readers. In a real application synthetic tables will be published in their entirety. Depending on the accuracy of the data a synthetic table represents, statistical offices as an option might decide to attach some kind of quality indicators to select a few cells where the published cell values are beyond some pre-determined tolerance level

SYNTHETIC(10x6x4) TABLE

```
 6764    753  3356  4026   132    --  3932  1488    -- |20451
 1994     -- 5593     -- 3031  3526    -- 3246   985 |18375
 3744     -- 3708     -- 3686  2494    --    --    -- |13632
 2815 10597     -- 2407    --    --  2324  2978  7605 |28726
 3677     --    --    -- 4667  1974  1803   628    -- |12749
----------------------------------------------------------
18994 11350 12657  6433 11516  7994  8059  8340  8590 |93933

   --   477    --    77    --  7472   770  3832    -- |12628
 2253    -- 4948   864   463  1015  1830  5020    -- |16393
  640    --  986     --    --   574   561     0   838 | 3599
 1329    -- 1016   420  3175  3222  3792  1108    -- |14062
 1653  2828    --    --    --  2211   686    --  1510 | 8888
----------------------------------------------------------
 5875  3305  6950  1361  3638 14494  7639  9960  2348 |55570

   --  3561  3476   648  1924  1131   494    82  1786 |13102
   --    -- 3222   979    --    --   147   413   213 | 4974
 4145    --    -- 3651  2107  4174   484  3888   737 |19186
 5995   679    --    -- 2410  1757    --  1854  4077 |16772
 2016    --    -- 2124  2826  1569   280    --    -- | 8815
----------------------------------------------------------
12156  4240  6698  7402  9267  8631  1405  6237  6813 |62849

 6764  4791  6832  4751  2056  8603  5196  5402  1786 |46181
 4247    -- 13763  1843  3494  4541  1977  8679  1198 |39742
 8529    -- 4694  3651  5793  7242  1045  3888  1575 |36417
10139 11276  1016  2827  5585  4979  6116  5940 11682 |59560
 7346  2828    -- 2124  7493  5754  2769   628  1510 |30452
----------------------------------------------------------
37025 18895 26305 15196 24421 31119 17103 24537 17751 212352
```

In the synthetic table, true values are published for 103 cells. For the remaining 88 cells (including sensitive cells), the published cell values are altered slightly from their true values to protect the sensitive cell values from being disclosed within an allowable protection interval. Most of the cell values of the marginal cells are unaffected in the synthetic table. In addition, the table values are additive in all the dimensions.

4. Multi Dimensional Linked Tables

The linear programming heuristic identified above, to generate synthetic tabular data, is applicable to protect sensitive information in all the generic, multi-dimensional, linked tables containing hierarchical structure. We next provide the overall performance statistics for synthetic tables generated by using two different test examples of multi-dimensional linked tables. These two test cases were created by this author to enable testing of algorithm developed by Fischetti and Salazar, to generate optimum complementary cell suppression pattern.

The first test example consists of 2, five-dimensional linked sections of a six dimensional table (6x4x16x4x4x4). The table contains 1254 non-zero cells. Of this total, 1089 cells are non-sensitive and 165 cells are sensitive. Fischetti and Salazar determined that the

optimum complementary cell suppression results in 419 suppressed cells, which is 34% of total non-zero cells.

The second example consists of 4, five-dimensional linked sections of a nine dimensional table (4*29*3*4*5*6*5*4*5). The table contains 1141 non-zero cells, of which 831 cells are non-sensitive and 310 cells are sensitive. Fischetti & Salazar determined that the optimum complementary cell suppression results in 491 suppressed cells, which is 43% of total non-zero cells.

The synthetic tables generated by using these two test examples provide additive tables containing cell values for all the non-zero cells in the original test examples. In the following two tables we summarize the overall performance statistics of change from the true value of nonzero synthetic cells by ten different percent change from true value categories. We use five different cost functions that are commonly used in tabular cell protection to demonstrate five different possible formulations for synthetic tables.

NUMBER OF CELLS BY PERCENT CHANGE CATEGORY[2]

2 Sections Of Six Dimensional Linked Table

Percent change from true value	cost function used for optimization				
	const	log(value)	value	1/value	log(value)/value
.00- .10	691{ 55.3%}	716{ 57.5%}	749{ 60.4%}	720{ 57.5%}	687{ 54.8%}
.10- .50	189{ 70.4%}	154{ 69.8%}	120{ 70.1%}	231{ 75.9%}	254{ 75.1%}
.50- 1.00	91{ 77.7%}	72{ 75.6%}	37{ 73.1%}	47{ 79.6%}	56{ 79.6%}
1.00- 1.50	38{ 80.7%}	27{ 77.8%}	41{ 76.4%}	22{ 81.4%}	28{ 81.8%}
1.50- 2.00	22{ 82.5%}	33{ 80.4%}	22{ 78.1%}	14{ 82.5%}	14{ 82.9%}
2.00- 5.00	52{ 86.6%}	52{ 84.6%}	63{ 83.2%}	47{ 86.3%}	42{ 86.3%}
5.00- 10.00	73{ 92.5%}	88{ 91.7%}	98{ 91.1%}	119{ 95.8%}	100{ 94.3%}
10.00- 15.00	58{ 97.1%}	56{ 96.1%}	51{ 95.2%}	51{ 99.8%}	69{ 99.8%}
15.00- 30.00	19{ 98.6%}	24{ 98.1%}	30{ 97.7%}	2{100.0%}	3{100.0%}
30.00-100.00	17{100.0%}	24{100.0%}	29{100.0%}	0{100.0%}	0{100.0%}
unchanged cells	390{ 31.2%}	422{ 33.9%}	651{ 52.5%}	319{ 25.5%}	257{ 20.5%}

4 Sections Of Nine Dimensional Linked Table

Percent change from true value	cost function used for optimization				
	const	log(value)	value	1/value	log(value)/value
.00- .10	431{ 38.1%}	397{ 35.1%}	494{ 44.0%}	320{ 29.3%}	333{ 29.9%}
.10- .50	96{ 46.6%}	134{ 46.9%}	33{ 46.9%}	46{ 33.5%}	69{ 36.1%}
.50- 1.00	59{ 51.8%}	48{ 51.2%}	27{ 49.3%}	23{ 35.6%}	46{ 40.3%}
1.00- 1.50	35{ 54.9%}	23{ 53.2%}	29{ 51.9%}	23{ 37.7%}	27{ 42.7%}
1.50- 2.00	33{ 57.8%}	29{ 55.8%}	13{ 53.0%}	25{ 40.0%}	15{ 44.0%}
2.00- 5.00	85{ 65.3%}	90{ 63.7%}	86{ 60.7%}	83{ 47.6%}	90{ 52.1%}
5.00- 10.00	256{ 87.9%}	259{ 86.6%}	212{ 79.5%}	242{ 69.7%}	266{ 76.0%}
10.00- 15.00	55{ 92.8%}	64{ 92.3%}	57{ 84.6%}	60{ 75.2%}	62{ 81.6%}
15.00- 30.00	32{ 95.6%}	45{ 96.3%}	58{ 89.8%}	81{ 82.6%}	59{ 86.9%}
30.00-100.00	50{100.0%}	42{100.0%}	115{100.0%}	190{100.0%}	146{100.0%}
unchanged cells	353{ 31.2%}	329{ 29.1%}	453{ 40.3%}	287{ 26.3%}	302{ 27.1%}

[2] The numbers in the parentheses are cumulative percentages associated with the cell count.

From the summary statistics above it is clear that, by proper selection of the appropriate cost function, the controlled adjustments could be targeted to specific non-sensitive cell categories. Irrespective of the choice of the cost function, approximately 75% of the nonzero cell values in the first test case and 50% of the nonzero cell values in the second test case are altered within less than 1% of their true cell value. The synthetic cells undergoing changes in excess of 5% of true cell value are typically sensitive cells, which are otherwise blocked from publication using the complementary cell suppression method.

The quality of cell level information from the synthetic table could be conveyed to data users by using different strategies. As an option, a quality indicator, such as g (good), f (fair), and p (poor) could be assigned to each synthetic cell to inform the data user of the level of accuracy of information contained in each synthetic cell. Other options include: (1) providing overall percent accuracy of the published information, or (2) dividing the cells in multiple size categories and providing overall percent accuracy for each size category separately.

We have used only five basic cost functions to demonstrate the synthetic data generation technique in the linear programming environment. We, however, believe that a much wider spectrum of cost functions is readily available to the potential practitioner of synthetic tables to get a wide variety of desired results.

5. Iterative Refinement of LP Solution

The primary objective of the synthetic table is to provide estimates for sensitive cells, which are outside the disclosure limits. The secondary objective is to hold a maximum number of synthetic cells to their true cell values. This could be accomplished via an iterative refinement of the linear programming solution as follows:

- Exclude all the synthetic cells that are at the true cell value from future LP formulation.
- For the remaining non-sensitive synthetic cells, replace the original cost function with the new cost function, which is an inverse proportion of change in the cell value in the previous LP solution.
- Find the revised linear programming solution to generate a new subset of synthetic cell values.

In theory, multiple iterations could be performed to successively increase the number of synthetic cells that are at their true cell values. However in practice, by increasing the number of iterations estimates for more and more sensitive cells fall within their respective disclosure limits.

The table below summarizes the overall statistics for the second test example, after single iterative refinement of the LP heuristic.

Second Test Example After Single Iterative Refinement

Percent change from true value	cost function used for optimization				
	const	log(value)	value	1/value	log(value)/value
.00- .10	669{ 58.6%}	649{ 57.0%}	625{ 55.1%}	603{ 53.4%}	567{ 50.0%}
.10- .50	89{ 66.4%}	94{ 65.3%}	73{ 61.6%}	100{ 62.3%}	83{ 57.4%}
.50- 1.00	38{ 69.8%}	44{ 69.2%}	45{ 65.5%}	32{ 65.1%}	46{ 61.4%}
1.00- 1.50	31{ 72.5%}	22{ 71.1%}	26{ 67.8%}	18{ 66.7%}	28{ 63.9%}
1.50- 2.00	29{ 75.0%}	15{ 72.4%}	10{ 68.7%}	15{ 68.0%}	24{ 66.0%}
2.00- 5.00	60{ 80.3%}	84{ 79.8%}	81{ 75.8%}	69{ 74.1%}	95{ 74.4%}
5.00- 10.00	103{ 89.3%}	100{ 88.6%}	156{ 89.6%}	139{ 86.4%}	166{ 89.1%}
10.00- 15.00	33{ 92.2%}	57{ 93.6%}	40{ 93.1%}	43{ 90.3%}	29{ 91.6%}
15.00- 30.00	61{ 97.5%}	27{ 96.0%}	38{ 96.5%}	38{ 93.6%}	35{ 94.7%}
30.00-100.00	28{100.0%}	46{100.0%}	40{100.0%}	72{100.0%}	60{100.0%}
unchanged cells	543{ 47.6%}	556{ 48.9%}	565{ 49.8%}	498{ 44.1%}	513{ 45.3%}

From the table above, it is clear that the number of synthetic cells at their true cell value increases dramatically

6. Conclusion

Synthetic tabular data offers a significantly more attractive option for dissemination of statistical data containing sensitive information than conventional complementary cell suppression. Conventional complementary cell suppression methods result in too significant an amount of information loss, irrespective of how close one attempts to get to the optimum cell suppression choice. The overall information generated by using the complementary cell suppression method fails to compare favorably in regard to the practical utility of information provided by synthetic tables. The computational resources required to generate a synthetic table is a very small fraction of the resources required to generate a table protected by the complementary cell suppression method.

In this paper we have demonstrated a simple heuristic to generate synthetic tabular data. The heuristic is based on the linear programming formulation. However, we believe that computational techniques, such as iterative proportional fitting and the EM algorithm, could also be used effectively to generate synthetic tabular data.

References

M. Fischetti, J. J. Salazar, "Models and Algorithms for Optimizing Cell Suppression Problem in Tabular Data with Linear Constraints", working paper, 1998..

INCORPORATING QUALITY MEASURES IN TABULAR DATA PROTECTED BY PERTURBATION METHODS (CTA AND NOISE)

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PERTURBATION METHODS (CTA & NOISE) ARE WELL SUITED FOR TABLE CELLS WITH RELATIVELY WIDE, SKEW DISTRIBUTION IN WHICH SENSITIVE CELLS CLUSTER TOWARDS THE LEFT OF THE DISTRIBUTION.

2 Sections Six-D Linked Table

IDEAL CANDIDATE
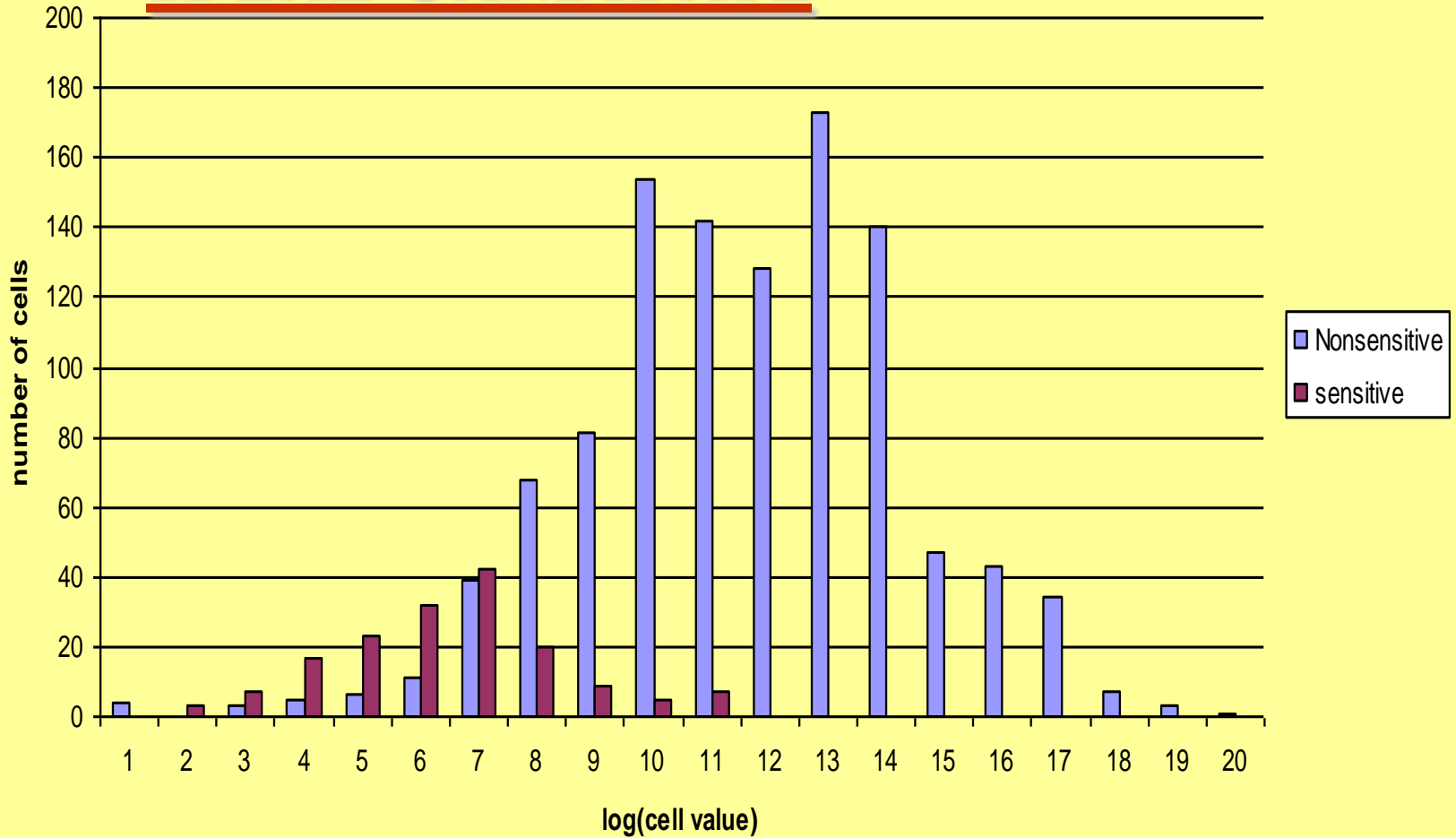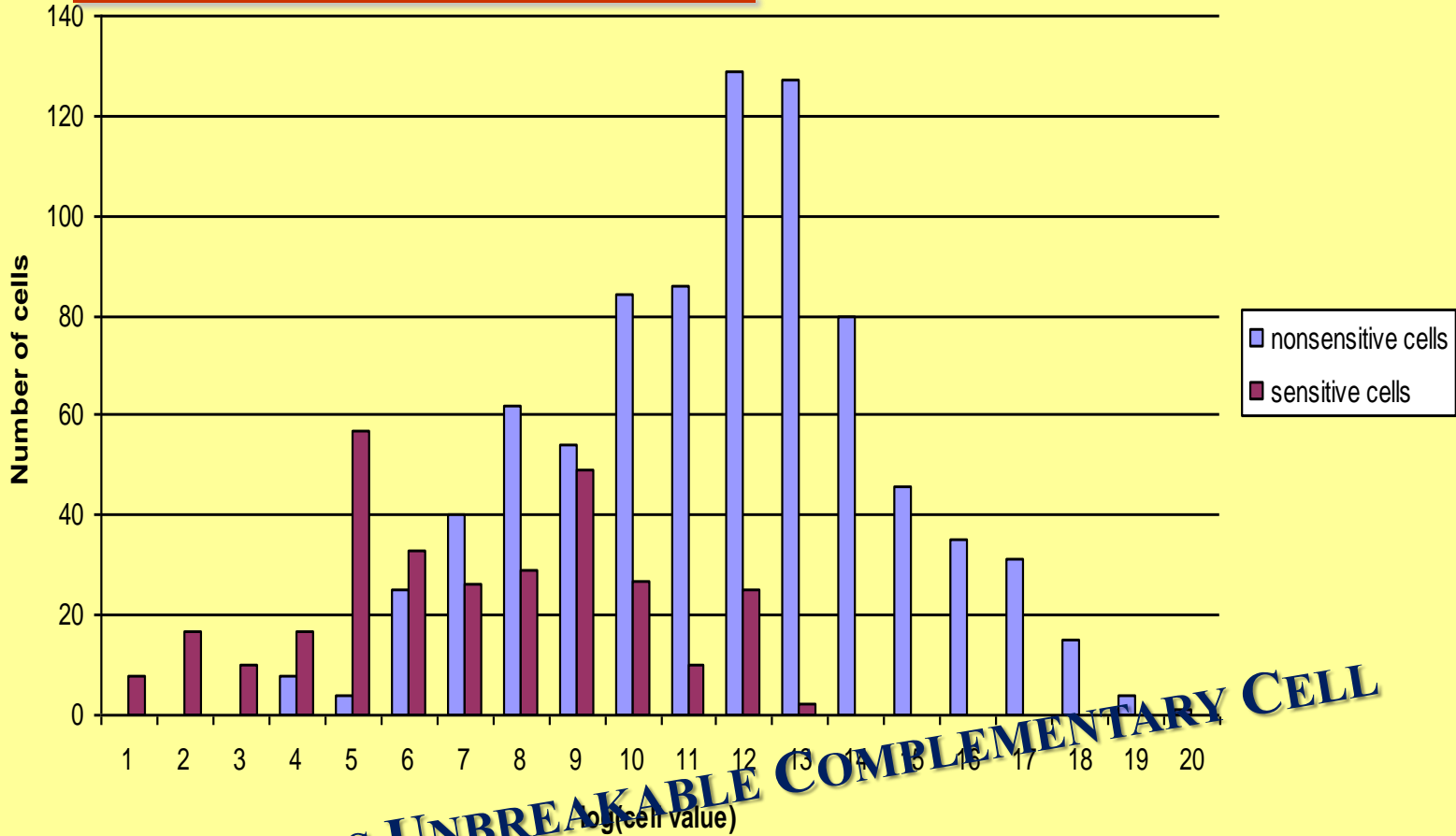
$$R = \frac{\int_l^h Ys * ds}{\int_L^H Yn * dn}$$

R = 0 ➜ NO SENSITIVE TABLE CELLS

SMALL R ➜ PERTURBATION

RELATIVELY LARGE R ➜ SUPPRESSION

VERY LARGE R ➜ TABLE REDESIGN

PRACTICAL UPPER LIMIT ON R < 0.4

ACCEPTABLE QUALITY FOR TABLES PROTECTED BY PERTURBATION METHODS DEPENDS ON SEVERAL FACTORS SUCH AS:

- **FREQUENCY OF PUBLICATION**
- **CENSUS VS SAMPLED**

TYPICAL TABULAR DATA USES

- AS POINT ESTIMATES
- TO DETERMINE TREND
- TO DETERMINE UN-USUAL FLUCTUATIONS/CHANGES

TECHNICAL PAPER ADDRESSES QUALITY ASPECTS ASSOCIATED WITH ERROR INTRODUCED BY PERTURBATION METHODS ALONE

SEPARATE FROM OTHER ERRORS

PROPOSED SOLUTION CREATES NEW METHOD FOR TABULAR DATA PROTECTION
THE NEW METHOD COULD BE LOOKED AT AS HYBRID OF

1) CONVENTIONAL CELL SUPPRESSION,
2) INTERVAL ESTIMATION, AND
3) PARTIAL CELL SUPPRESSION METHODS

TO CONVEY THE ACCURACY AND THE QUALITY OF TABLE CELL SPECIFIC INFORMATION TO THE EXTERNAL DATA USERS:

THE PAPER PROPOSE USING A TABLE CELL IMBEDDED QUALITY INDICATOR FOR ALL TABULAR DATA PROTECTED BY THE PERTURBATION METHODS.

THE PROPOSAL ADVOCATES:

1) TO USE RELATIVELY SMALL PERCENTAGE CHANGE IN THE PERTURBED CELL VALUE AS A THRESHOLD FOR QUALITY ACCEPTANCE CRITERIA.

2) TO PUBLICLY DISCLOSE THE THRESHOLD QUALITY ACCEPTANCE VALUE FOR PERTURBED CELLS IN A FOOTNOTE TO ALL THE PUBLIC USE TABLES PROTECTED BY PERTURBATION METHODS.

PROPOSAL ALSO ADVOCATES:

TO SUPPRESS THE SELECTED NUMBER OF RIGHT MOST DIGITS FROM THE PERTURBED TABULAR CELLS WITH PERTURBATION ERROR IN EXCESS OF THE THRESHOLD ACCEPTANCE VALUE.

THIS IS TO INFORM DATA USERS THE EXTENT OF ERROR ASSOCIATED WITH THE PUBLISHED PERTURBED CELL VALUE.

THE PAPER PROPOSES THE FOLLOWING EQUATION TO DETERMINE THE NUMBER OF RIGHT MOST DIGITS TO SUPPRESS:

DIGITS TO SUPPRESS =
$$\text{INT } [\log_{10}(2.0 * \text{ABS}\{\text{CHNG}\}) + 1.0]$$

THE PROPOSED FORMULA

---- PREVENTS EXTERNAL AUTOMATED AUDIT PROCEDURES TO DETERMINE EXACT VALUES OF SUPPRESSED DIGITS

----- CONVEYS TABULAR DATA QUALITY AT THE TABLE CELL LEVEL

TO DEMONSTRATE THE EFFECTIVENESS OF THE PROPOSED "QUALITY PRESERVING" SOLUTION, THE PAPER USES THE SAME REAL LIFE TABLE USED IN THE TECHNICAL PAPER PRESENTED AT FCSM2007 CONFERENCE:

"COMPARATIVE EVALUATION OF FOUR DIFFERENT SENSITIVE TABULAR DATA PROTECTION METHODS USING A REAL LIFE TABLE STRUCTURE OF COMPLEX HIERARCHIES AND LINKS"

CTA Targeted at Larger Cells @ 1.0%

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CTA Based Table 01 [ TARGET LARGE CELLS ]        REGULAR
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	DTW	RACK	BULK	TOTAL	< ---- Adjustments ---->			
United States	188538	218584	169960	577082	−130.A	113.A	−61.A	−78.A
PAD District I	64617	73063	65477	203157	−8.A	69.A	−143.A	−82.A
Subdistrict IA	25306	28788	16952	71046	−8.A	8.A	0.	0.
Connecticut	6258	1494	1700	9452	0.	0.	0.	0.
Maine	3936	4719	4429	13084	0.	0.	0.	0.
Massachusetts	1xx*	3848	0	4012	−8.w	8.A	0.	0.
New Hampshire	7879	0	3188	11067	0.	0.	0.	0.
Rhode Island	1748	6224	3976	11948	0.	0.	0.	0.
Vermont	5321	12503	3659	21483	0.	0.	0.	0.
Subdistrict IB	19417	16541	22274	58232	0.	48.A	−61.A	−13.A
Delaware	6978	24xx*	4272	13698	0.	48.A	0.	48.A
District of Columbia	2253	5070	11338	18661	0.	0.	0.	0.
Maryland	3311	1836	1xxx*	6166	0.	0.	−60.w	−60.A
New Jersey	6875	0	144	7019	0.	0.	0.	0.
New York	0	648	7xx*	13xx*	0.	0.	−39.w	−39.A
Pennsylvania	0	6539	4756	11295	0.	0.	38.A	38.A
Subdistrict IC	19894	27734	26251	73879	0.	13.A	−82.A	−69.A
Florida	0	10857	1830	12687	0.	0.	−17.A	−17.A
Georgia	9961	0	0	9961	0.	0.	0.	0.
North Carolina	2268	7239	8399	17906	0.	13.A	−65.A	−52.A
South Carolina	1195	5887	7582	14664	0.	0.	0.	0.
Virginia	3560	0	3625	7185	0.	0.	0.	0.
West Virginia	2910	3751	4815	11476	0.	0.	0.	0.
PAD District II	76103	62147	54922	193172	−71.A	0.	126.A	55.A
Illinois	4128	0	0	4128	0.	0.	0.	0.
Indiana	4599	0	3860	8459	−14.A	0.	14.A	0.
Iowa	1149	4196	4216	9561	0.	0.	0.	0.
Kansas	11939	10330	2xxx*	24329	−57.A	0.	112.A	55.A
Kentucky	5826	2787	6523	15136	0.	0.	0.	0.
Michigan	2022	0	6668	8690	0.	0.	0.	0.
Minnesota	6400	3694	1332	11426	0.	0.	0.	0.
Missouri	5915	10385	3934	20234	0.	0.	0.	0.
Nebraska	2652	7667	942	11261	0.	0.	0.	0.
North Dakota	4671	8286	0	12957	0.	0.	0.	0.
Ohio	7197	0	3477	10674	0.	0.	0.	0.
Oklahoma	4030	1864	4339	10233	0.	0.	0.	0.
South Dakota	24	11013	5526	16563	0.	0.	0.	0.
Tennessee	2242	645	8325	11212	0.	0.	0.	0.
Wisconsin	13309	1280	3720	18309	0.	0.	0.	0.
PAD District III	15248	23707	26417	65372	0.	−19.A	0.	−19.A
Alabama	3504	2xx*	2856	6644	0.	25.w	0.	25.A
Arkansas	1598	5628	6358	13584	0.	0.	0.	0.
Louisiana	0	3088	4667	7755	0.	0.	0.	0.
Mississippi	666	8925	2980	12571	0.	0.	0.	0.
New Mexico	8410	4928	6696	20034	0.	0.	0.	0.

Wyoming					0.	0.	0.	0.
PAD District V	19060	36423	14709	70192	0.	-69.A	0.	-69.A
Alaska	0	7948	4300	12248	0.	0.	0.	0.
Arizona	2721	828	2189	5738	0.	0.	0.	0.
California	3792	3xxx*	2251	9702	0.	-69.A	0.	-69.A
Hawaii	1038	6141	327	7506	0.	0.	0.	0.
Nevada	2555	3522	0	6077	0.	0.	0.	0.
Oregon	0	14325	3040	17365	0.	0.	0.	0.
Washington	8954	0	2602	11556	0.	0.	0.	0.

* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%

NOISE @ 1.0% ACCEPTANCE LEVEL

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Noise Based Table 01          REGULAR
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	DTW	RACK	BULK	TOTAL	< ---- Adjustments ---->			
United States	188684	218113	169940	576738	16.	-357.	-81.	-422.
PAD District I	64769	72775	65673	203217	144.	-219.	53.	-22.
Subdistrict IA	25xxx*	28895	16869	71345	267.	115.	-83.	300.
Connecticut	6xxx*	15xx*	17xx*	9xxx*	161.	26.	35.	222.
Maine	3xxx*	4xxx*	4xxx*	12xxx*	-150.	69.	-64.	-145.
Massachusetts	1xx*	3xxx*	0	4xxx*	9.	65.	0.	74.
New Hampshire	8xxx*	0	3xxx*	11145	159.	0.	-81.	78.
Rhode Island	1xxx*	6xxx*	3xxx*	11xxx*	53.	-143.	-79.	-168.
Vermont	5355	12600	3xxx*	21xxx*	34.	98.	106.	238.
Subdistrict IB	19293	16442	22471	58207	-123.	-51.	137.	-38.
Delaware	6xxx*	2380	42xx*	13xxx*	-133.	-19.	-47.	-200.
District of Columbia	2xxx*	4xxx*	11251	18543	53.	-85.	-86.	-118.
Maryland	3xxx*	18xx*	1xxx*	6xxx*	120.	46.	110.	275.
New Jersey	6xxx*	0	13x*	6xxx*	-163.	0.	-5.	-168.
New York	0	6xx*	8xx*	14xx*	0.	-22.	41.	19.
Pennsylvania	0	6568	4xxx*	11xxx*	0.	30.	124.	154.
Subdistrict IC	19894	27xxx*	26332	73664	0.	-283.	-1.	-284.
Florida	0	10841	1861	12703	0.	-15.	15.	-1.
Georgia	9868	0	0	9868	-93.	0.	0.	-93.
North Carolina	2xxx*	7xxx*	8512	17xxx*	-94.	-205.	49.	-250.
South Carolina	11xx*	5891	7xxx*	14xxx*	-25.	5.	-165.	-186.
Virginia	3xxx*	0	3xxx*	7xxx*	187.	0.	112.	298.
West Virginia	2936	3xxx*	4804	11424	26.	-68.	-10.	-52.
PAD District II	76161	61960	54774	192896	-12.	-186.	-22.	-220.
Illinois	3xxx*	0	0	3xxx*	-154.	0.	0.	-154.
Indiana	4xxx*	0	3xxx*	8412	-158.	0.	112.	-46.
Iowa	1xxx*	42xx*	4xxx*	9499	-50.	49.	-60.	-62.
Kansas	12057	10xxx*	19xx*	24470	62.	156.	-21.	197.
Kentucky	5xxx*	2xxx*	6xxx*	15042	-106.	-61.	73.	-94.
Michigan	1xxx*	0	6xxx*	8775	-73.	0.	158.	85.
Minnesota	6xxx*	3xxx*	12xx*	11424	145.	-110.	-37.	-2.
Missouri	6xxx*	10339	3920	20369	195.	-46.	-13.	136.
Nebraska	2xxx*	7xxx*	9xx*	11161	80.	-148.	-32.	-100.
North Dakota	4640	8304	0	12945	-30.	18.	0.	-12.
Ohio	7xxx*	0	35xx*	10xxx*	101.	0.	40.	141.
Oklahoma	39xx*	1xxx*	4xxx*	10156	-46.	52.	-82.	-76.
South Dakota	2x*	10938	5xxx*	16xxx*	-1.	-75.	-94.	-170.
Tennessee	2xxx*	6xx*	8xxx*	11138	70.	14.	-157.	-73.
Wisconsin	13261	12xx*	3xxx*	18317	-47.	-35.	91.	9.
PAD District III	15217	23959	26235	65413	-30.	233.	-181.	22.
Alabama	3xxx*	2xx*	2xxx*	6xxx*	94.	26.	51.	171.
Arkansas	1586	5671	6xxx*	13535	-11.	43.	-80.	-48.
Louisiana	0	3109	4xxx*	7xxx*	0.	21.	-115.	-94.
Mississippi	6xx*	9xxx*	3xxx*	12xxx*	23.	218.	155.	396.

Wyoming	6487	5714	19xx*	14104	41.	54.	-49.	46.
PAD District V	18xxx*	36173	15xxx*	70047	-192.	-318.	297.	-213.
Alaska	0	7911	4xxx*	12298	0.	-36.	87.	51.
Arizona	2xxx*	7xx*	2xxx*	5694	-82.	-29.	67.	-44.
California	3xxx*	3xxx*	2xxx*	9818	84.	-97.	61.	48.
Hawaii	xxx*	6xxx*	3xx*	7xxx*	-76.	196.	-11.	108.
Nevada	2573	3xxx*	0	6039	19.	-56.	0.	-37.
Oregon	0	14xxx*	3xxx*	17xxx*	0.	-297.	64.	-233.
Washington	8xxx*	0	26xx*	11449	-136.	0.	30.	-106.

* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%

CTA Targeted at Smaller Cells @ 1.0%

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CTA Based Table 01 [ TARGET SMALL CELLS ]        REGULAR
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	DTW	RACK	BULK	TOTAL	< ---- Adjustments ---->			
United States	188668	218471	170021	577160	0.	0.	0.	0.
PAD District I	64625	72994	65620	203239	0.	0.	0.	0.
Subdistrict IA	25314	28780	16952	71046	0.	0.	0.	0.
Connecticut	6250	1502	1700	9452	−8.A	8.A	0.	0.
Maine	3936	4719	4429	13084	0.	0.	0.	0.
Massachusetts	1xx*	3832	0	4012	8.w	−8.A	0.	0.
New Hampshire	7879	0	3188	11067	0.	0.	0.	0.
Rhode Island	1748	6224	3976	11948	0.	0.	0.	0.
Vermont	5321	12503	3659	21483	0.	0.	0.	0.
Subdistrict IB	19417	16493	22335	58245	0.	0.	0.	0.
Delaware	6978	2xxx*	4xxx*	13650	0.	85.A	−85.A	0.
District of Columbia	2253	5070	11338	18661	0.	0.	0.	0.
Maryland	3311	1xxx*	1xxx*	6226	0.	−60.A	60.w	0.
New Jersey	6875	0	1xx*	7005	0.	0.	−14.A	−14.A
New York	0	6xx*	8xx*	1446	0.	−25.A	39.w	14.A
Pennsylvania	0	6539	4718	11257	0.	0.	0.	0.
Subdistrict IC	19894	27721	26333	73948	0.	0.	0.	0.
Florida	0	10857	1847	12704	0.	0.	0.	0.
Georgia	9961	0	0	9961	0.	0.	0.	0.
North Carolina	2268	7265	8425	17958	0.	39.A	−39.A	0.
South Carolina	1195	5887	7582	14664	0.	0.	0.	0.
Virginia	3560	0	3625	7185	0.	0.	0.	0.
West Virginia	2910	37xx*	4854	11476	0.	−39.A	39.A	0.
PAD District II	76174	62147	54796	193117	0.	0.	0.	0.
Illinois	4128	0	0	4128	0.	0.	0.	0.
Indiana	4580	0	3879	8459	−33.A	0.	33.A	0.
Iowa	1149	4196	4216	9561	0.	0.	0.	0.
Kansas	12111	10327	1xxx*	24274	115.A	−3.A	−112.A	0.
Kentucky	5xxx*	2790	6581	15136	−61.A	3.A	58.A	0.
Michigan	2022	0	6668	8690	0.	0.	0.	0.
Minnesota	6400	3694	1332	11426	0.	0.	0.	0.
Missouri	5915	10385	3934	20234	0.	0.	0.	0.
Nebraska	2652	7667	942	11261	0.	0.	0.	0.
North Dakota	4671	8286	0	12957	0.	0.	0.	0.
Ohio	7197	0	3477	10674	0.	0.	0.	0.
Oklahoma	4009	1864	4360	10233	−21.A	0.	21.A	0.
South Dakota	24	11013	5526	16563	0.	0.	0.	0.
Tennessee	2242	645	8325	11212	0.	0.	0.	0.
Wisconsin	13309	1280	3720	18309	0.	0.	0.	0.
PAD District III	15248	23726	26417	65391	0.	0.	0.	0.
Alabama	3529	2xx*	2856	6619	25.A	−25.w	0.	0.
Arkansas	1598	5628	6358	13584	0.	0.	0.	0.
Louisiana	0	3xxx*	4xxx*	7755	0.	65.A	−65.A	0.
Mississippi	666	8994	2xxx*	12571	0.	69.A	−69.A	0.
New Mexico	8410	4928	6696	20034	0.	0.	0.	0.
Texas	10xx*	xxx*	3xxx*	4828	−25.A	−109.w	134.A	0.
PAD District IV	13561	23112	8479	45152	0.	0.	0.	0.
Colorado	0	8772	5637	14409	0.	0.	0.	0.
Idaho	1xxx*	xxx*	8xx*	2xxx*	75.A	−94.w	−44.w	−63.A
Montana	xxx*	7xxx*	0	7900	−104.w	132.A	0.	28.A
Utah	5705	3xx*	0	6049	29.A	−38.w	0.	−9.A
Wyoming	6446	5660	20xx*	14102	0.	0.	44.A	44.A

Wyoming	6446	5660	20XX*	14102	0.	0.	44.A	44.A
PAD District V	19060	36492	14709	70261	0.	0.	0.	0.
Alaska	0	7948	4300	12248	0.	0.	0.	0.
Arizona	2721	828	2189	5738	0.	0.	0.	0.
California	3792	3728	2251	9771	0.	0.	0.	0.
Hawaii	1038	6141	327	7506	0.	0.	0.	0.
Nevada	2555	3522	0	6077	0.	0.	0.	0.
Oregon	0	14325	3040	17365	0.	0.	0.	0.
Washington	8954	0	2602	11556	0.	0.	0.	0.

* Lower Digits Withheld. Table Cell Perturbation Error Exceeds 1.000%

THE COMPLETE 72 PAGES OF OUTPUT FROM THE TEST EXAMPLE USED IN THIS PAPER IS AVAILABLE FOR ALL EIGHT TWO-DIMENSIONAL CROSS SECTIONS, THREE SCENARIOS (CTA TARGETED AT LARGE CELLS, NOISE METHOD AND CTA TARGETED AT SMALL CELLS) AND THREE THRESHOLD VALUES FROM THE URL HTTP://MYSITE.VERIZON.NET/VZE7W8VK/T4344_ALL_PER.PDF

THANK YOU!

ADDITIONAL INFORMATION FROM

http://mysite.verizon.net/vze7w8vk/

AFTER INTRODUCTION TO STATISTICAL COMMUNITY IN MID 90'S …
PERTURBATION METHODS TO PROTECT TABULAR DATA HAVE BEEN OVERSOLD ON EITHER SIDE OF ATLANTIC OCEAN (CTA AND NOISE)

TREMENDOUS POTENTIAL FOR ABUSE AND MISUSE EXISTS

PREVENTATIVE MEASURES ARE REQUIRED TO ENSURE DATA QUALITY OF TABLES PROTECTED BY PERTURBATION METHODS (CTA AND NOISE)

STATISTICS NETHERLANDS DESCRIBES PERTURBATION METHODS AS "DATA FALSIFICATION PROCEDURE"

ONS DESCRIBES PERTURBATION METHODS AS "DATA DAMAGING PROCEDURE"

THIS PERCEPTION NEEDS TO BE CHANGED

MY PAPER OFFERS A "TRIVIAL" SOLUTION TO FIX GIGANTIC DATA QUALITY PROBLEM ARISING FROM POTENTIAL *MIS-USE* OF PERTURBATION METHODS