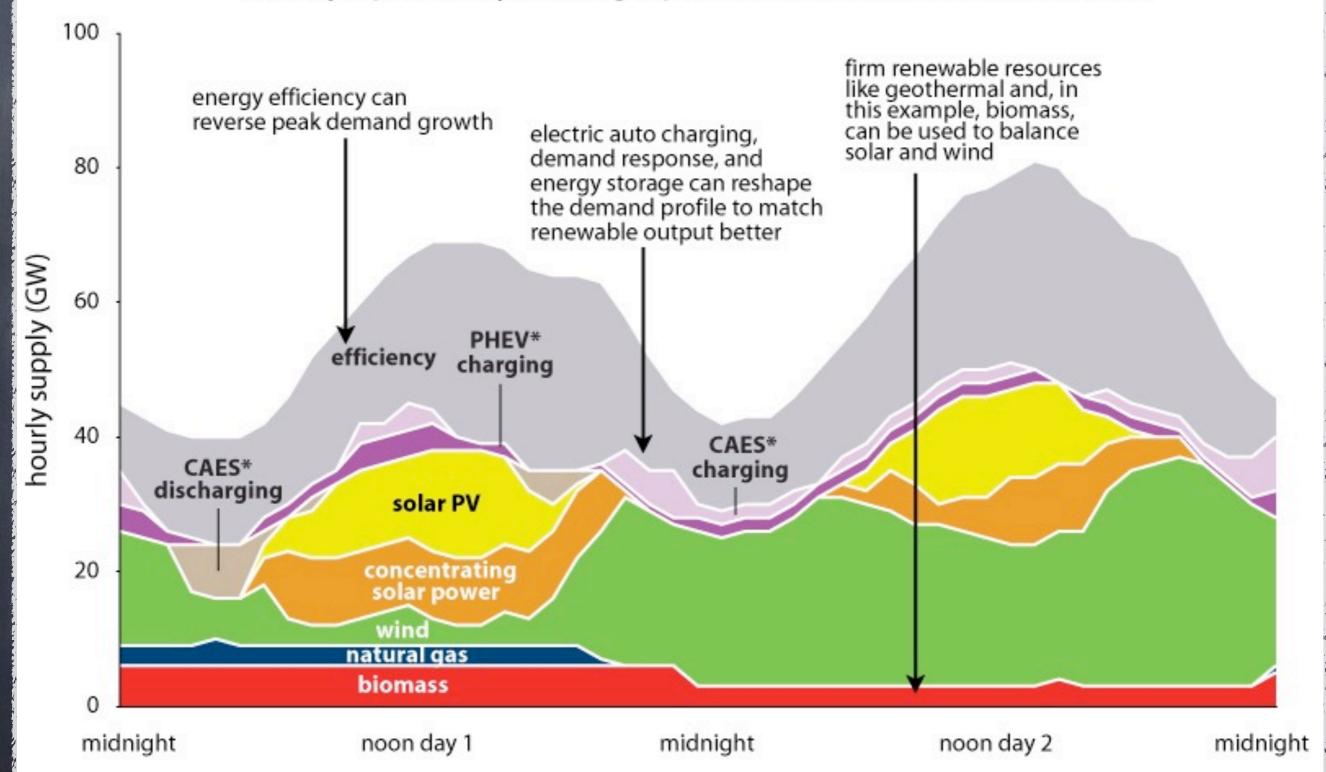
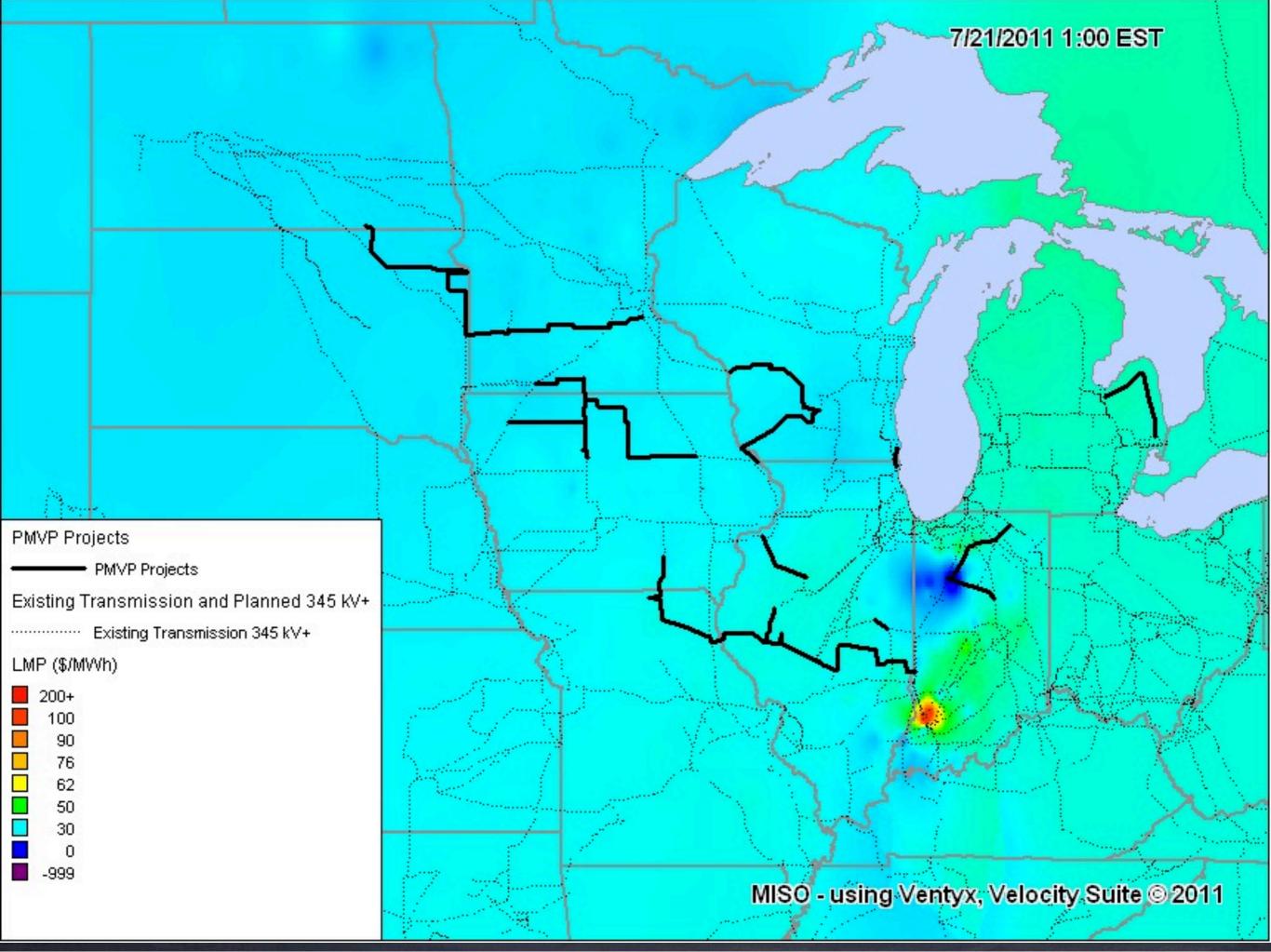
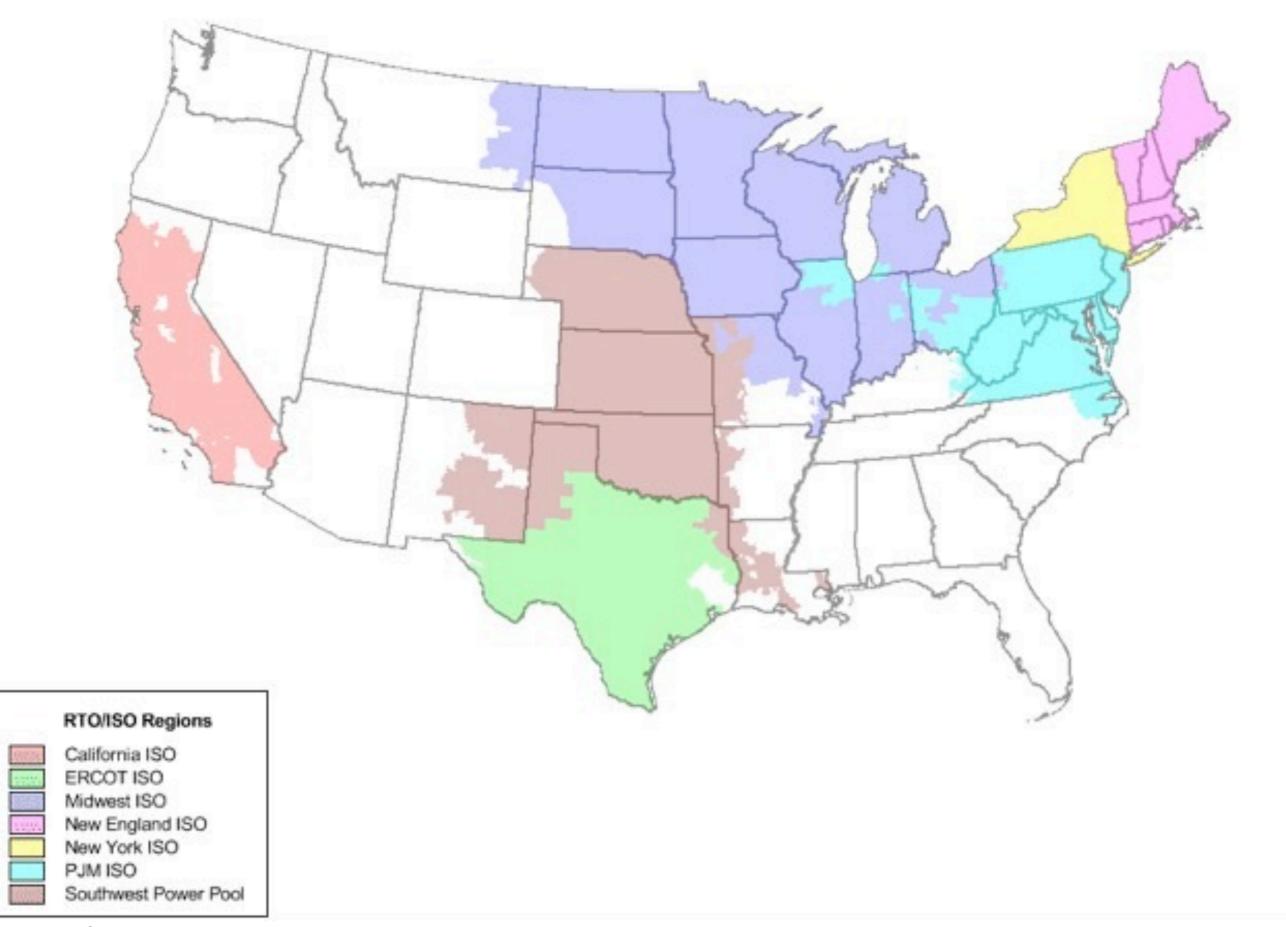
Hourly operability in a high-penetration renewables scenario

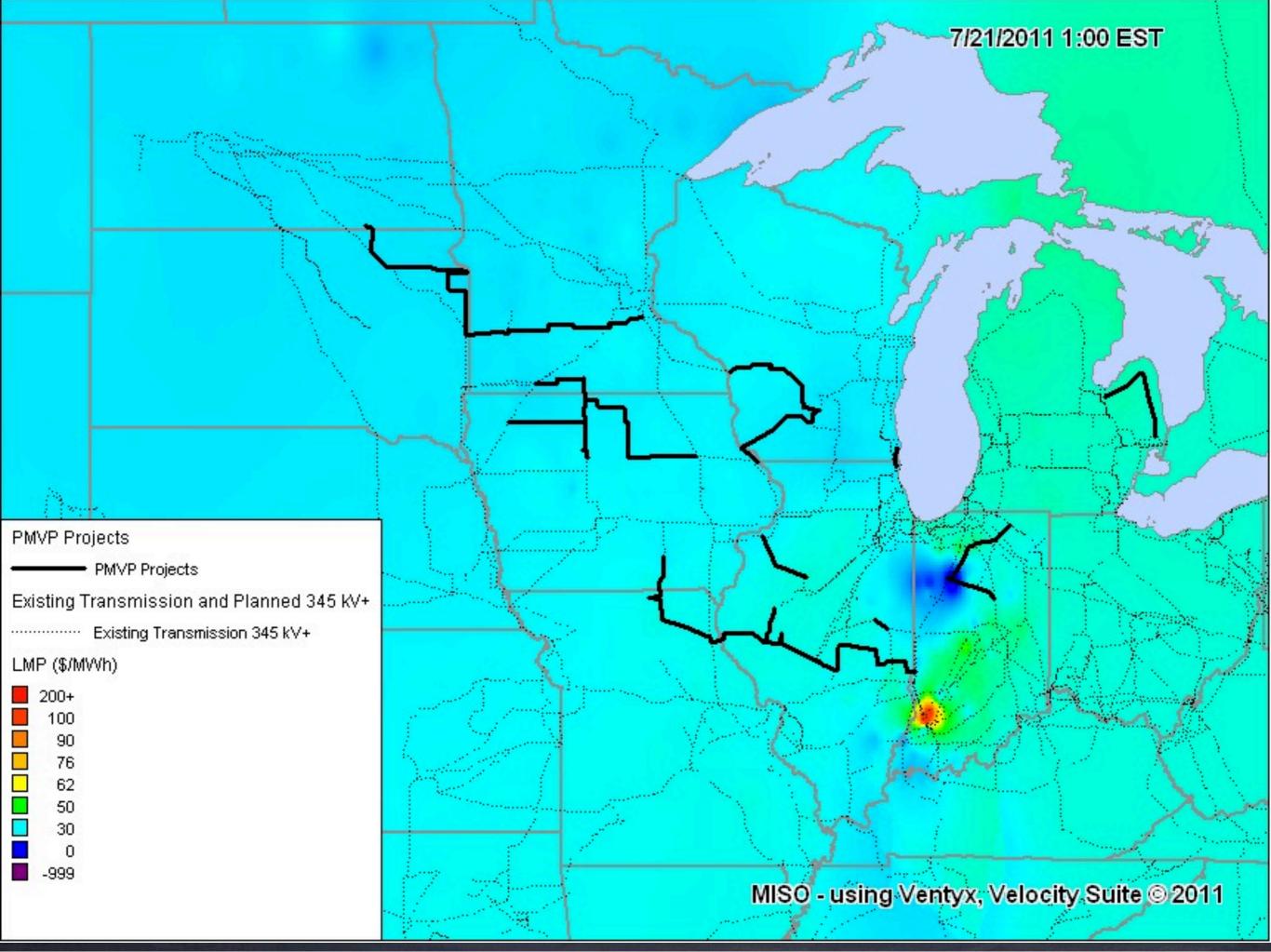


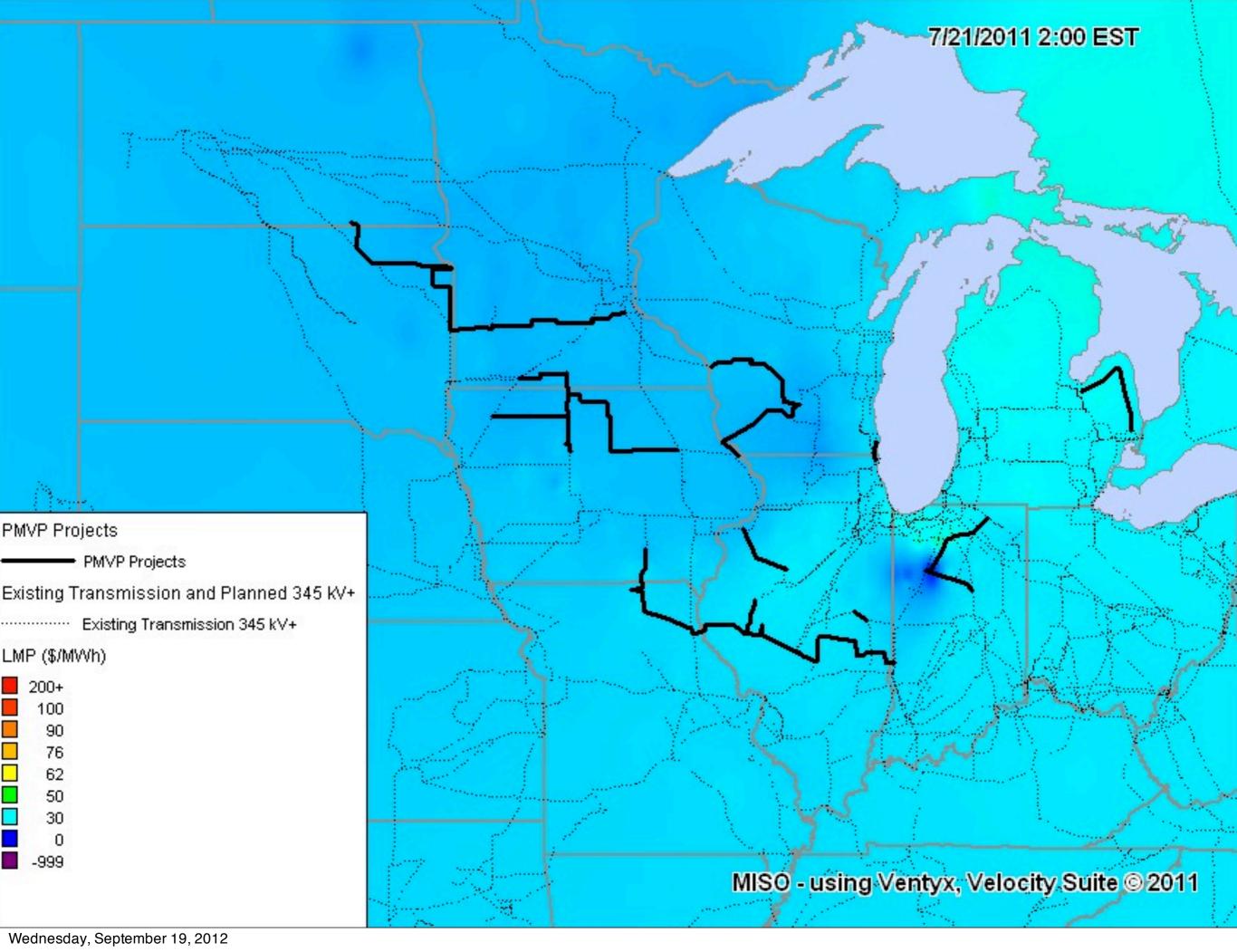
^{*} PHEV is plug-in hybrid electric vehicle and CAES is compressed air energy storage

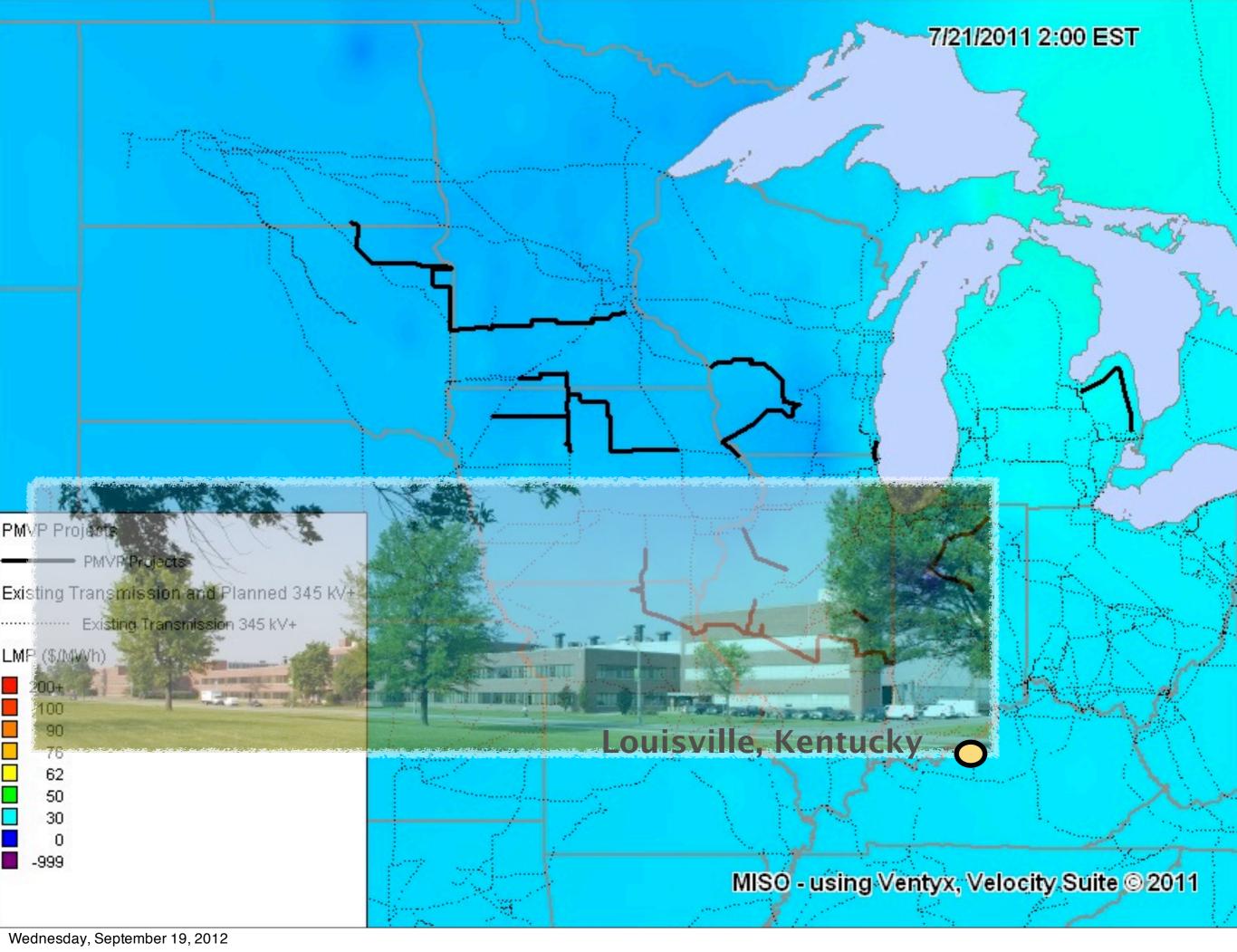
Rocky Mountain Institute © 2011. For more information see www.RMI.org/ReinventingFire.

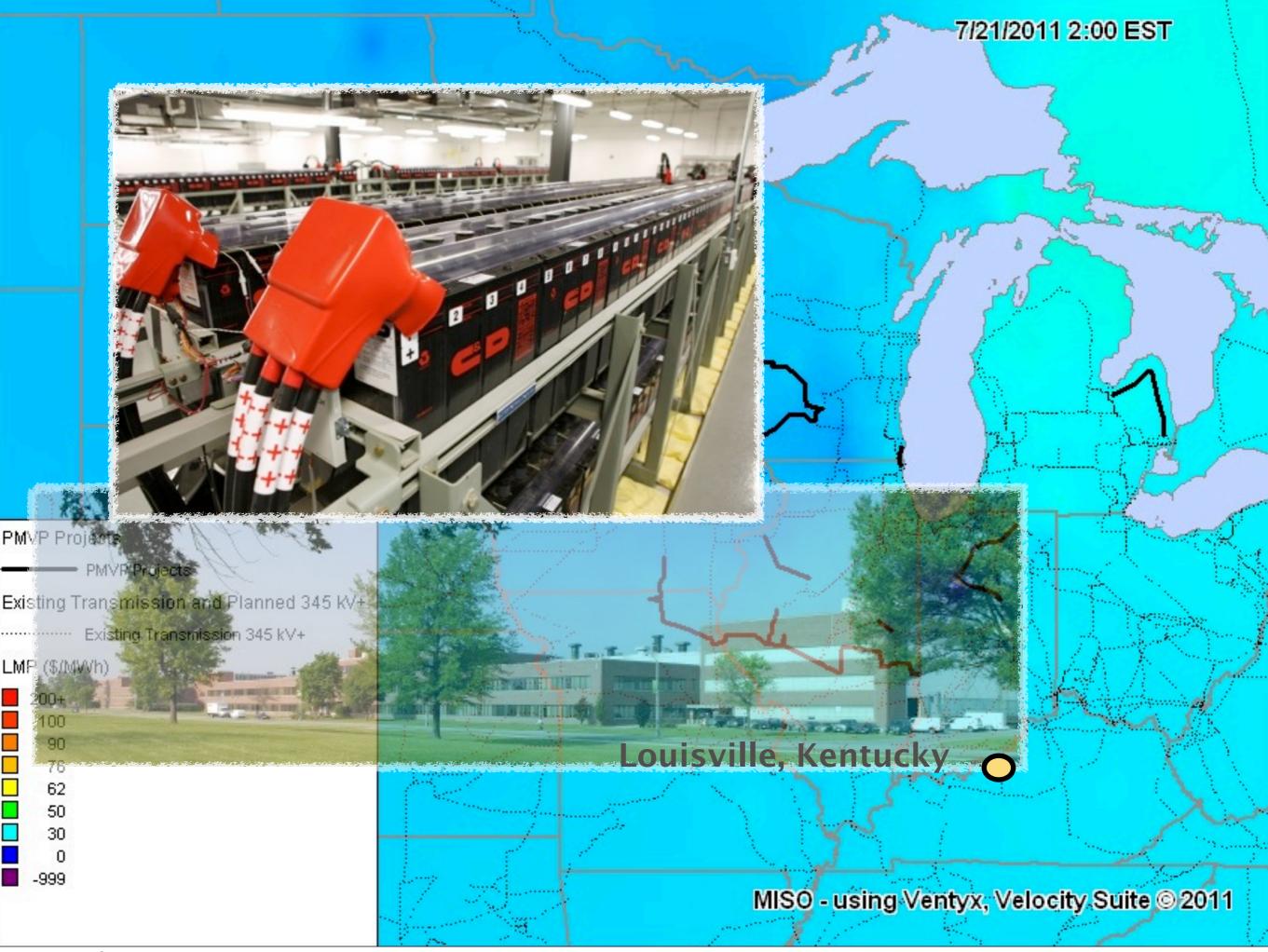






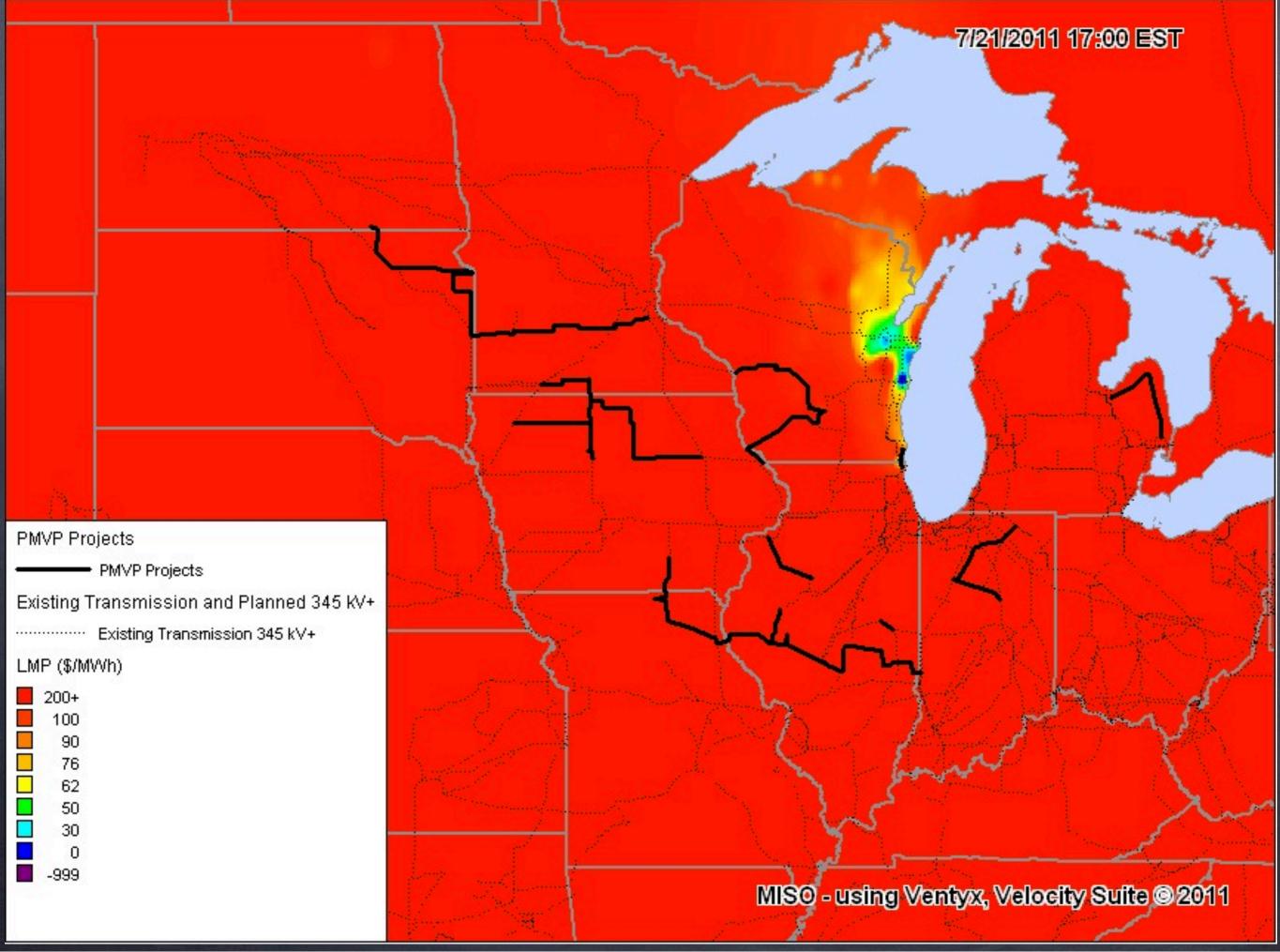








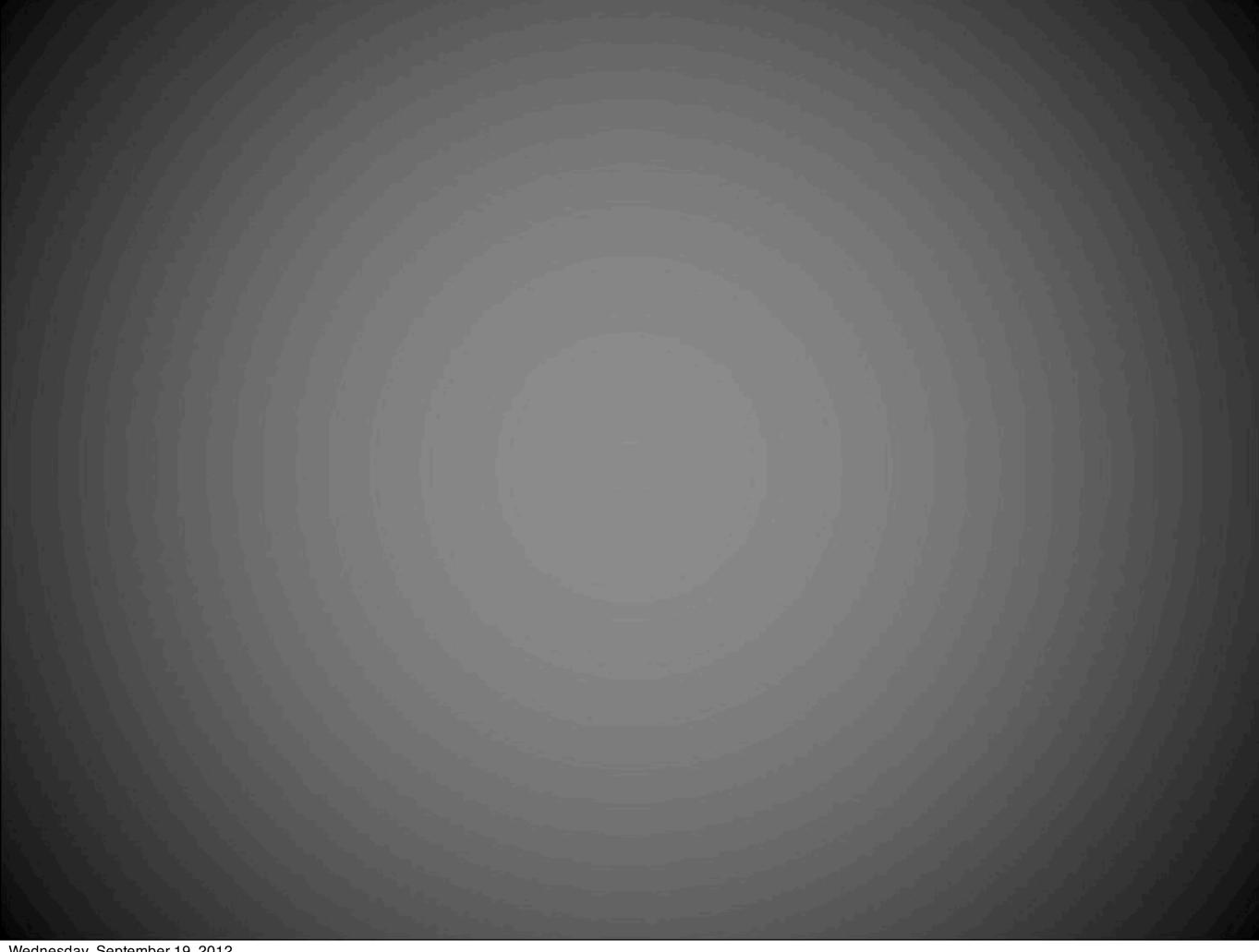


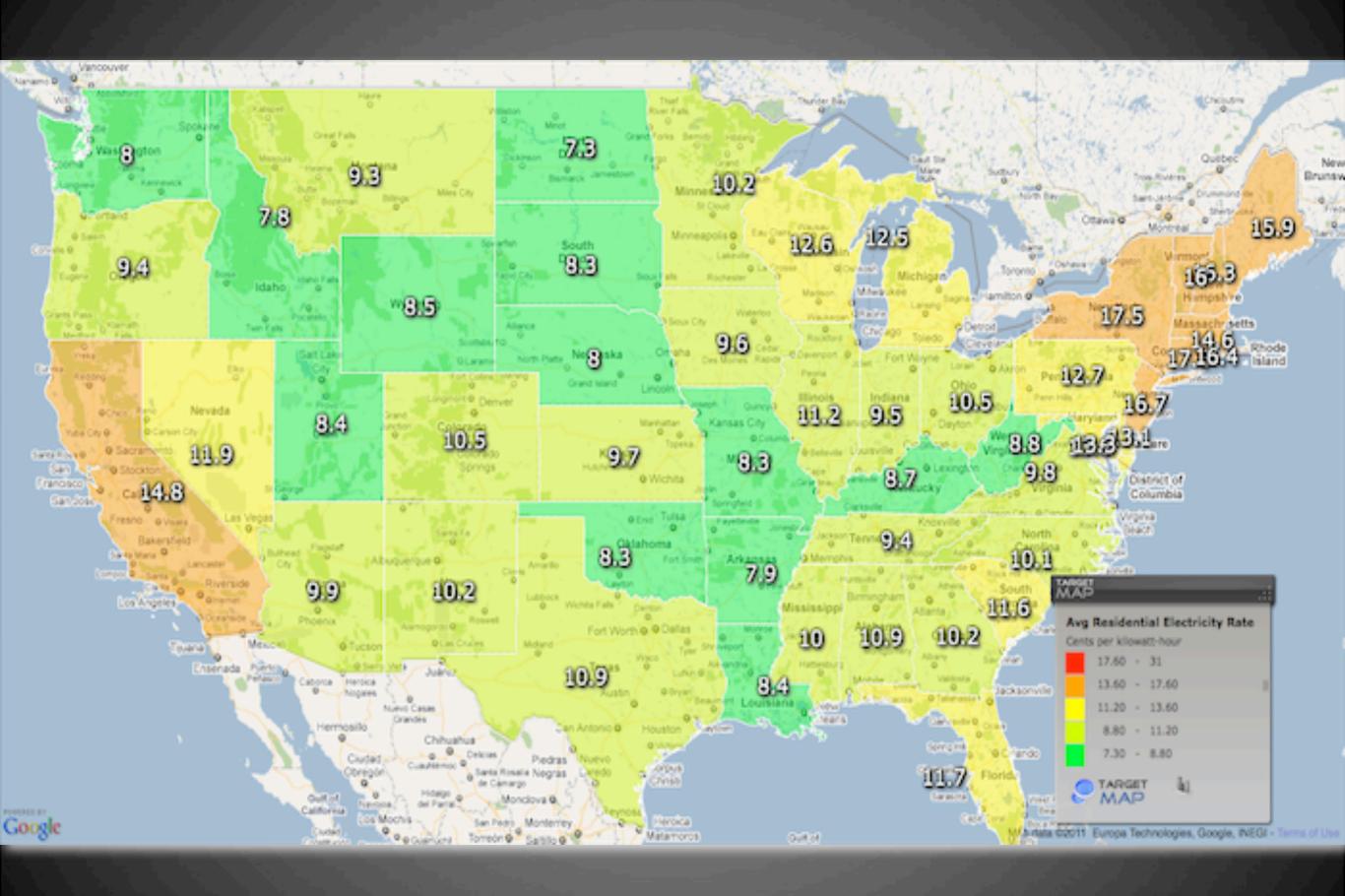


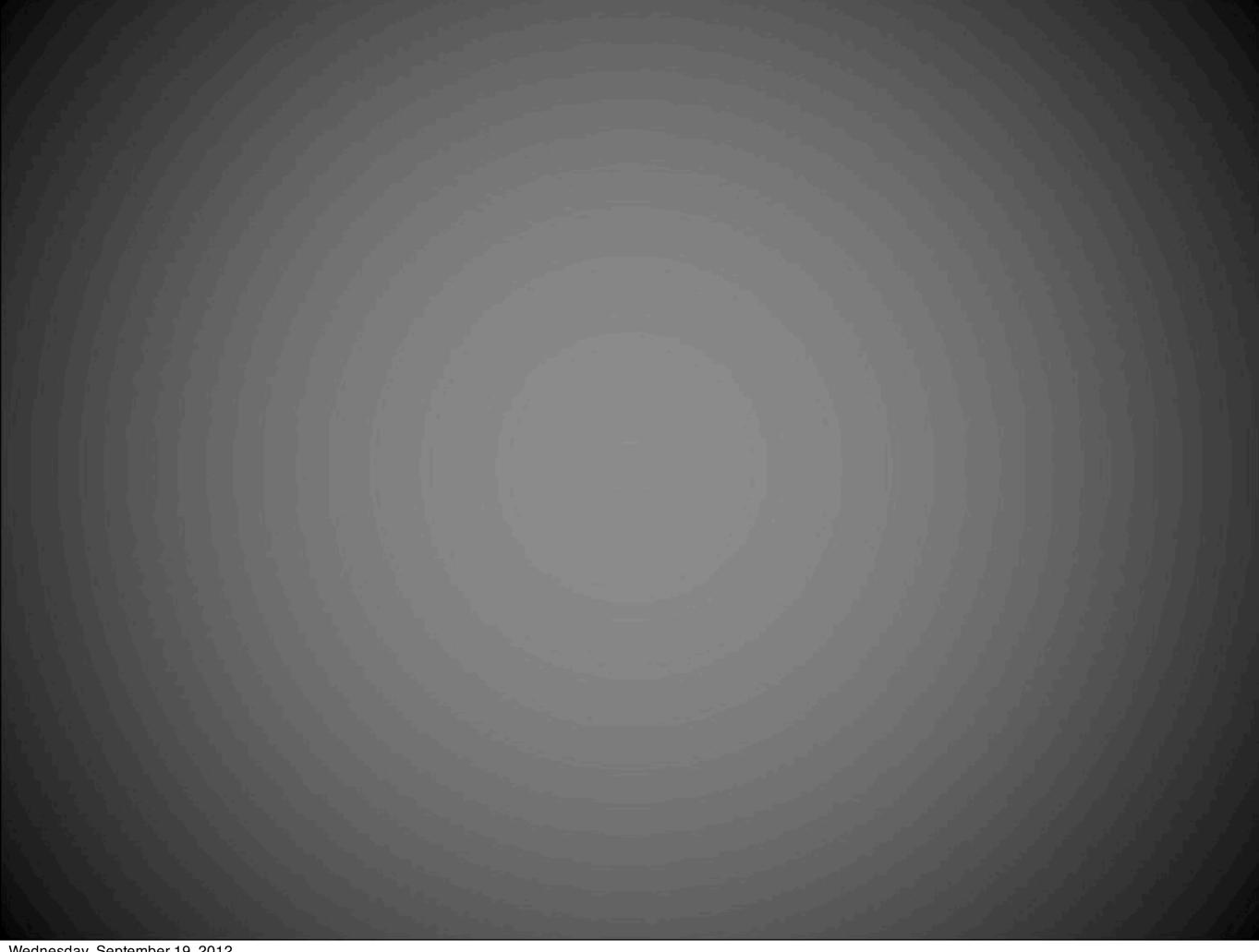


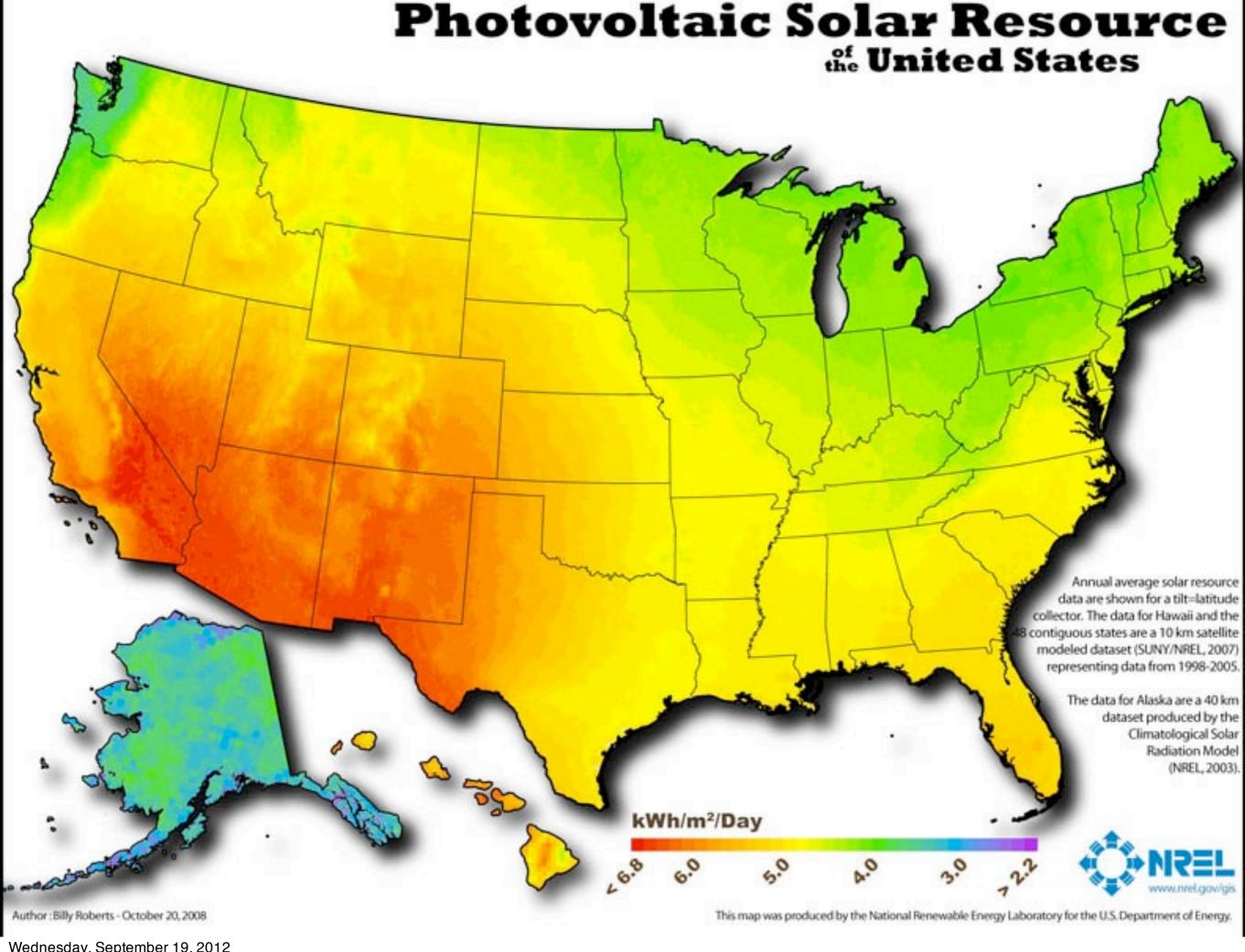
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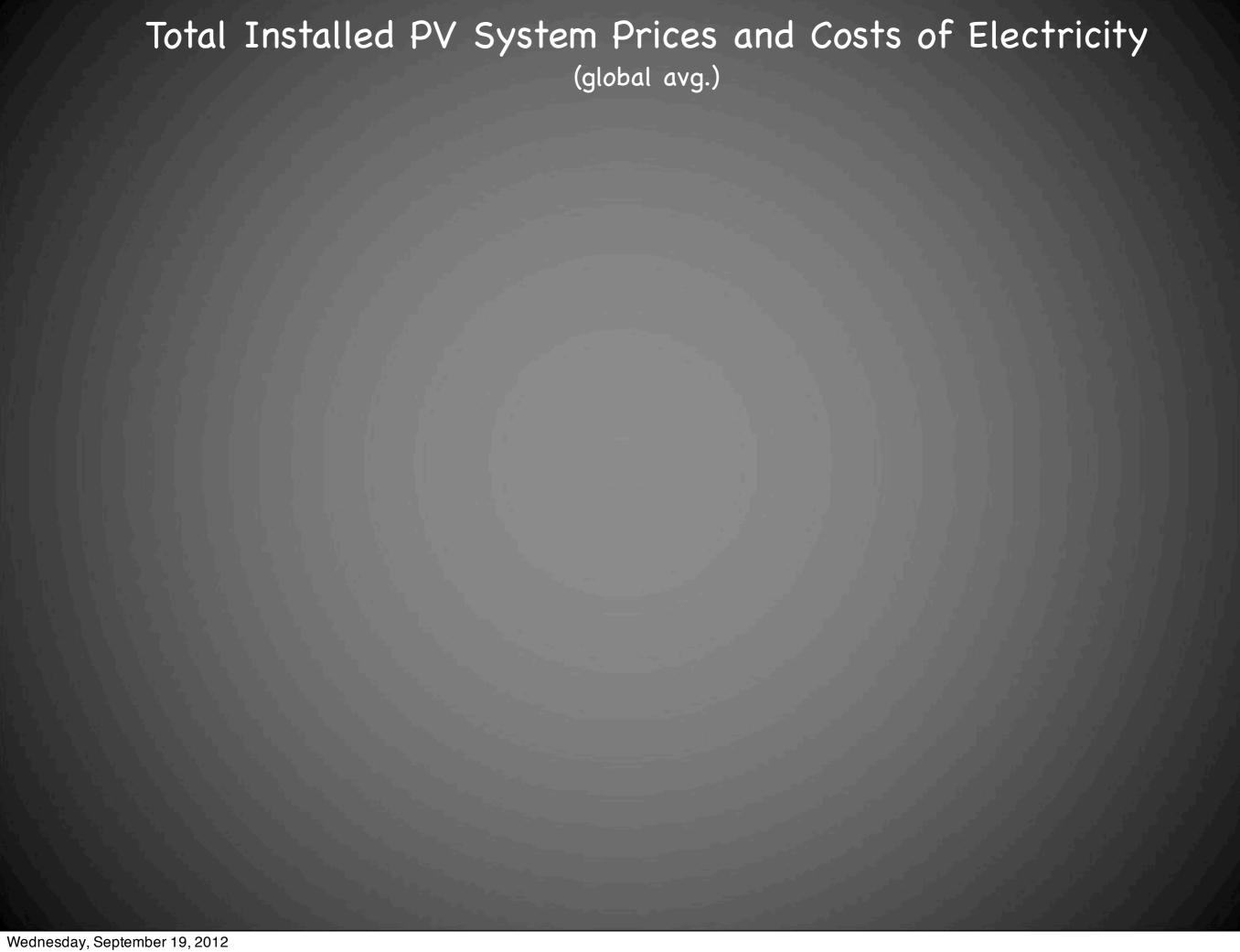












Total Installed PV System Prices and Costs of Electricity (global avg.)

Control of the second control of the second		
	System Price (\$/w)	LCOE Range (cents/kwh)
Year		
2007	\$7.20	28 - 47
2008	\$7.00	27 - 45
2009	\$5.12	20 - 34
2010	\$4.55	18 - 30
2011	\$3.47	14 - 23
2012*	\$2.69	11 - 19
2013*	\$2.43	10 - 17
2014*	\$2.19	9 - 15
2015*	\$2.02	8 - 14
2016*	\$1.87	7 - 14
2017*	\$1.73	7 - 13
2018*	\$1.60	6 - 12
2019*	\$1.48	6 - 11
2020*	\$1.37	6 - 10
2021*	\$1.28	5 - 10

LCOE - Levelized Cost of Electricity

Source: Clean Edge, Inc. 2012 (*estimated)

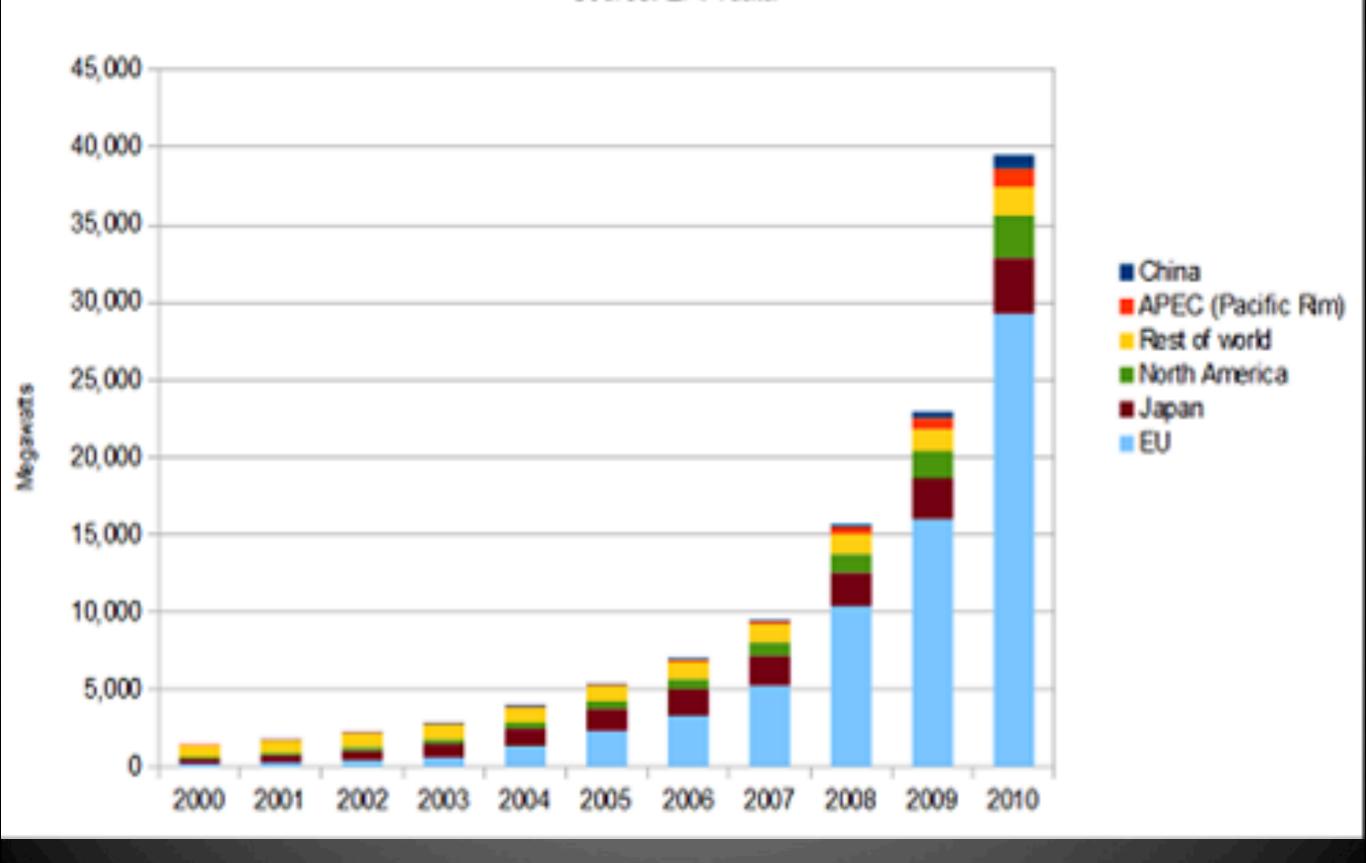


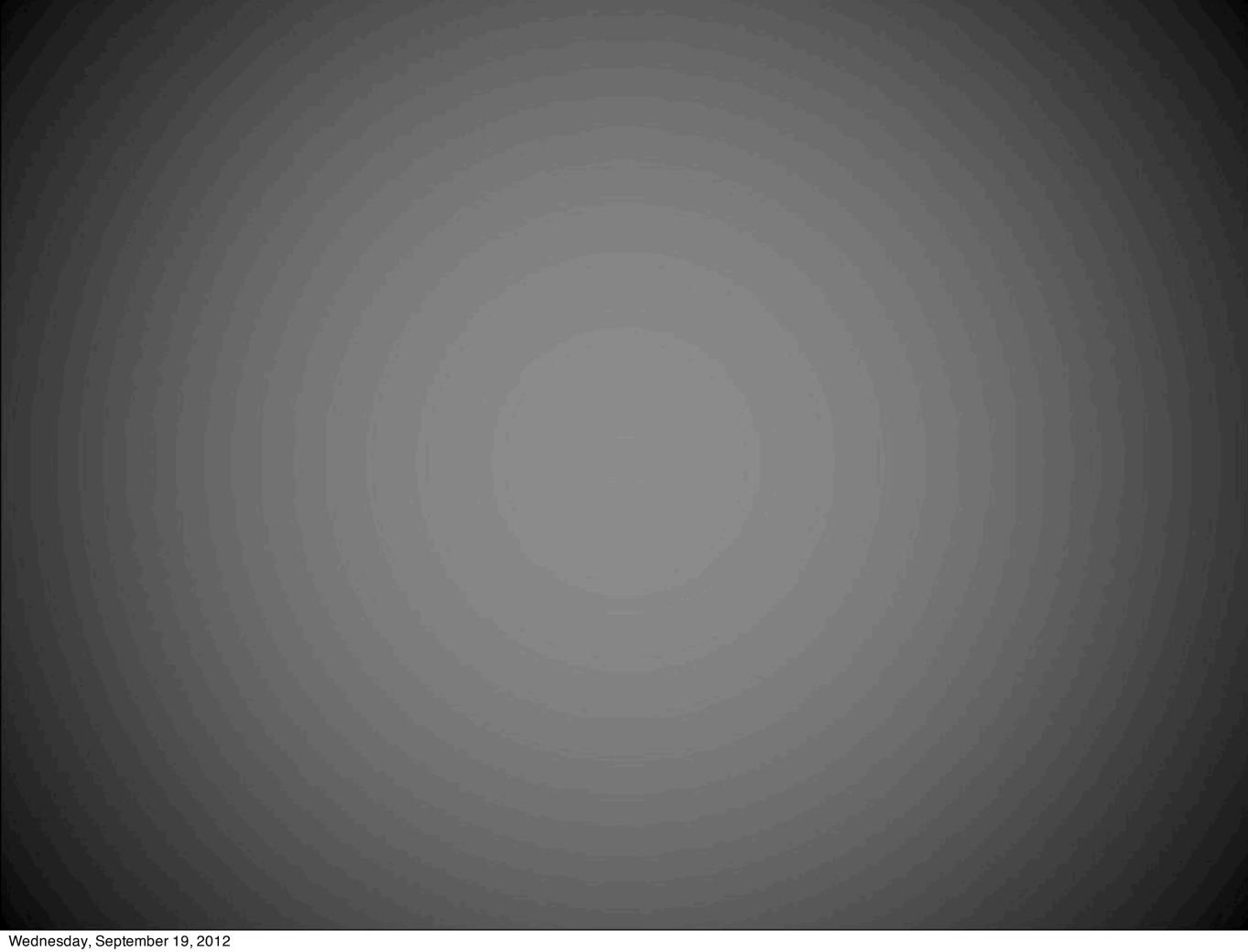
Global Clean Energy Market Size 2000-2011

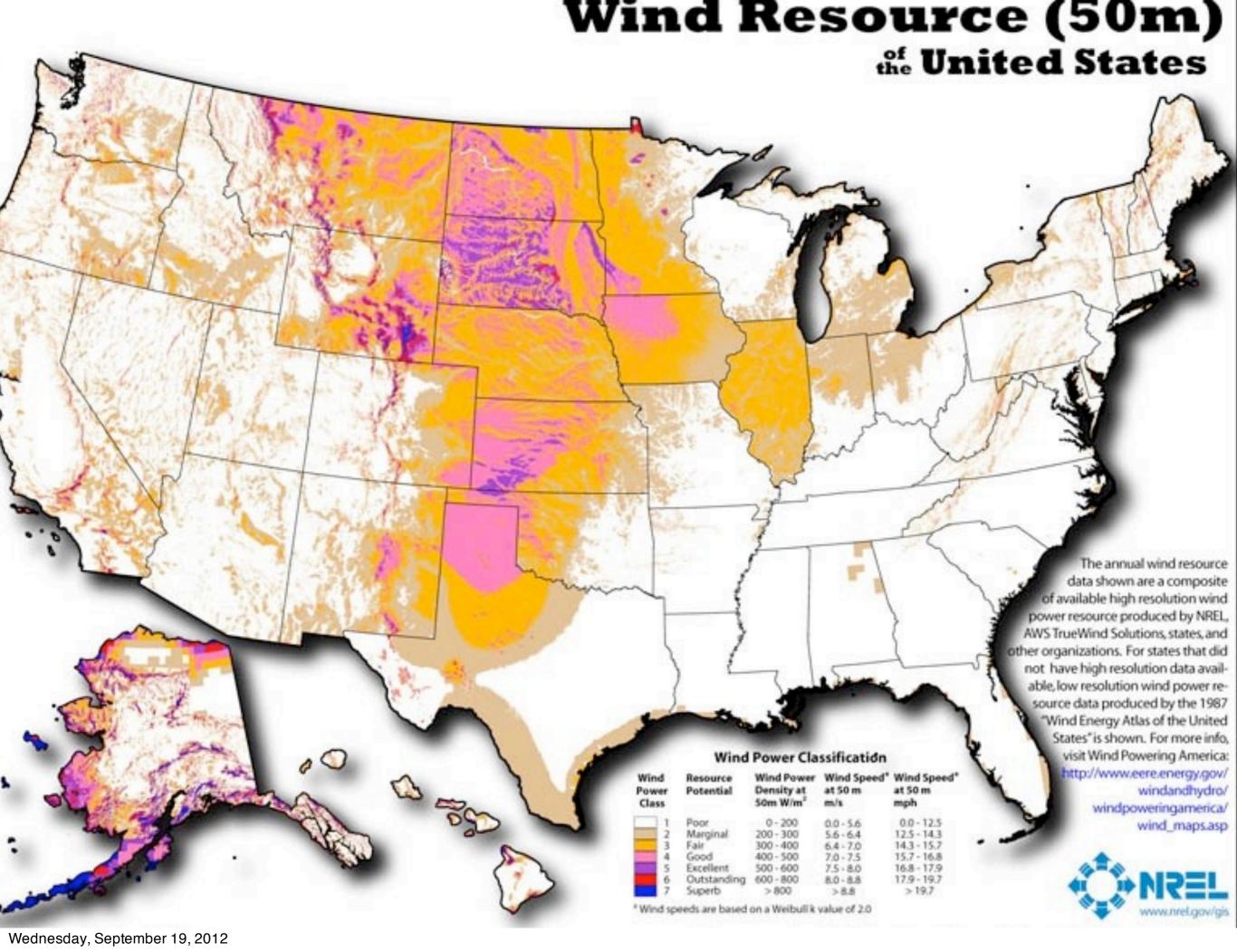
	Solar PV Global Market Sz. (in \$Billions)	Wind Power Global Market Sz. (in \$Billions)	Biofuels Global Market Sz. (in \$Billions)
2000	\$2.5	\$4.0	N/A
2001	\$4.6	\$3.0	N/A
2002	\$3.5	\$5.5	N/A
2003	\$4.7	\$7.5	N/A
2004	\$7.2	\$8.0	N/A
2005	\$11.2	\$11.8	\$15.7
2006	\$15.6	\$17.9	\$20.5
2007	\$20.3	\$30.1	\$25.4
2008	\$29.6	\$51.4	\$34.8
2009	\$36.1	\$63.5	\$44.9
2010	\$71.2	\$60.5	\$56.4
2011	\$91.6	\$71.5	\$83.0

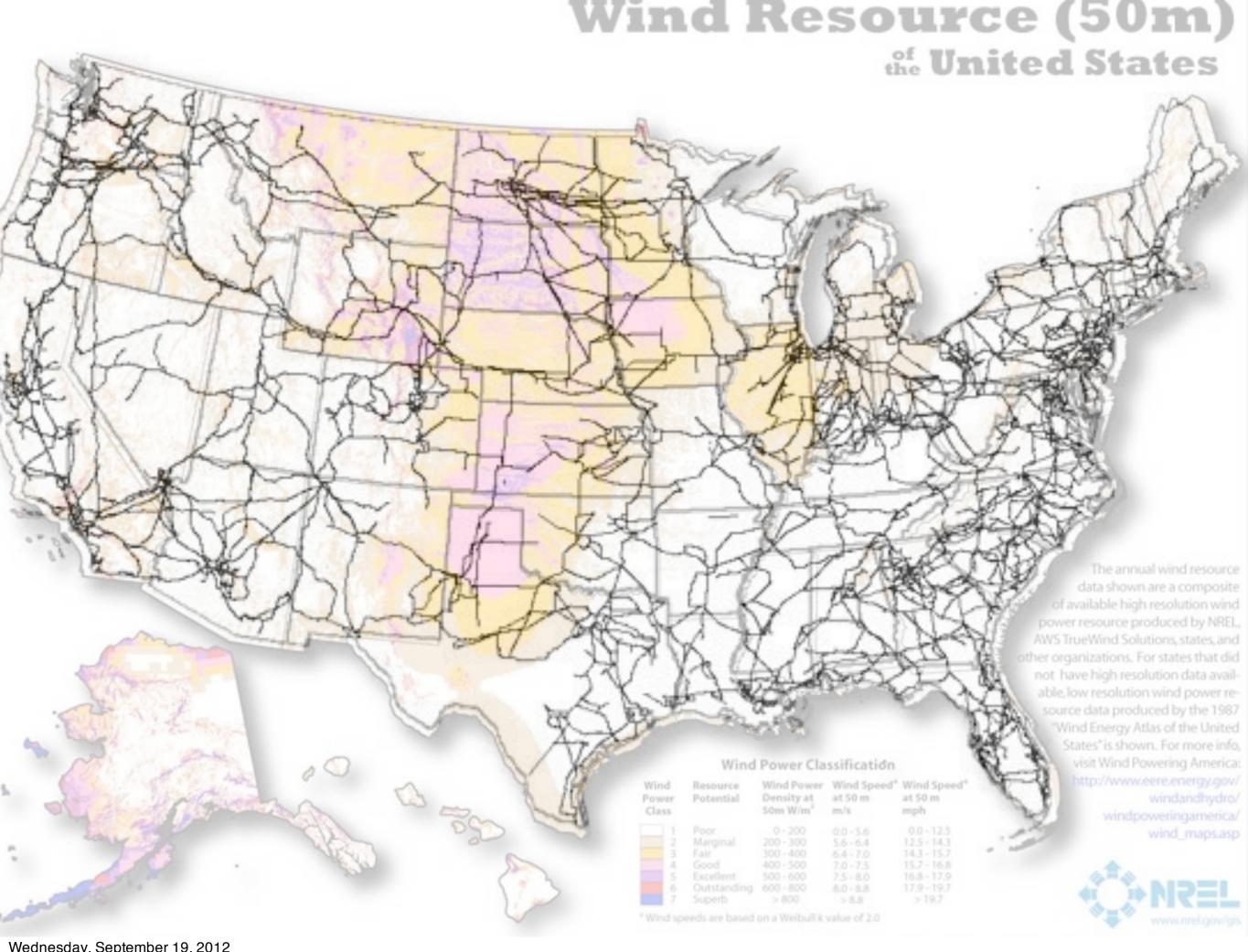
Global Cumulative Installed PV Solar Capacity

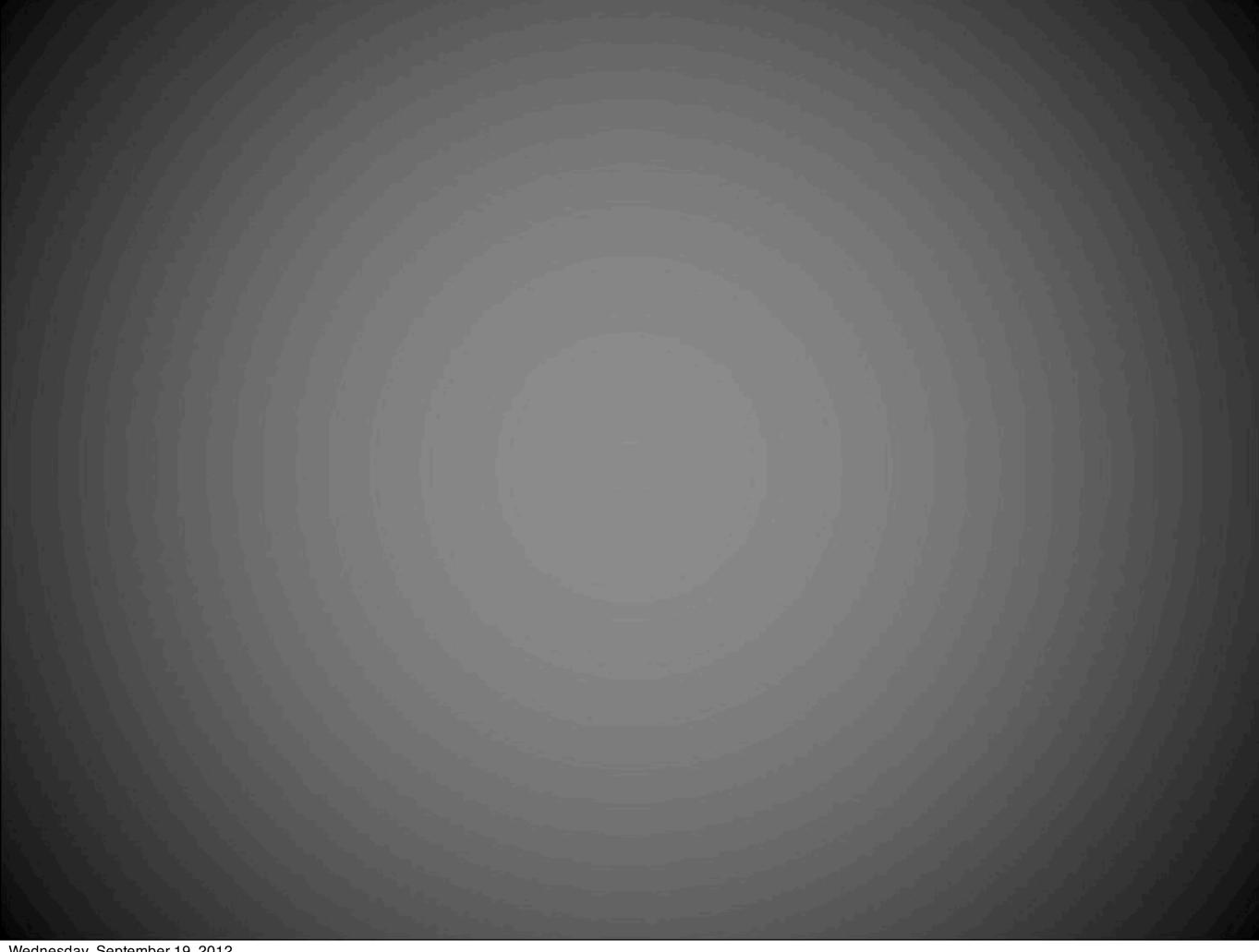
Source: EPIA data

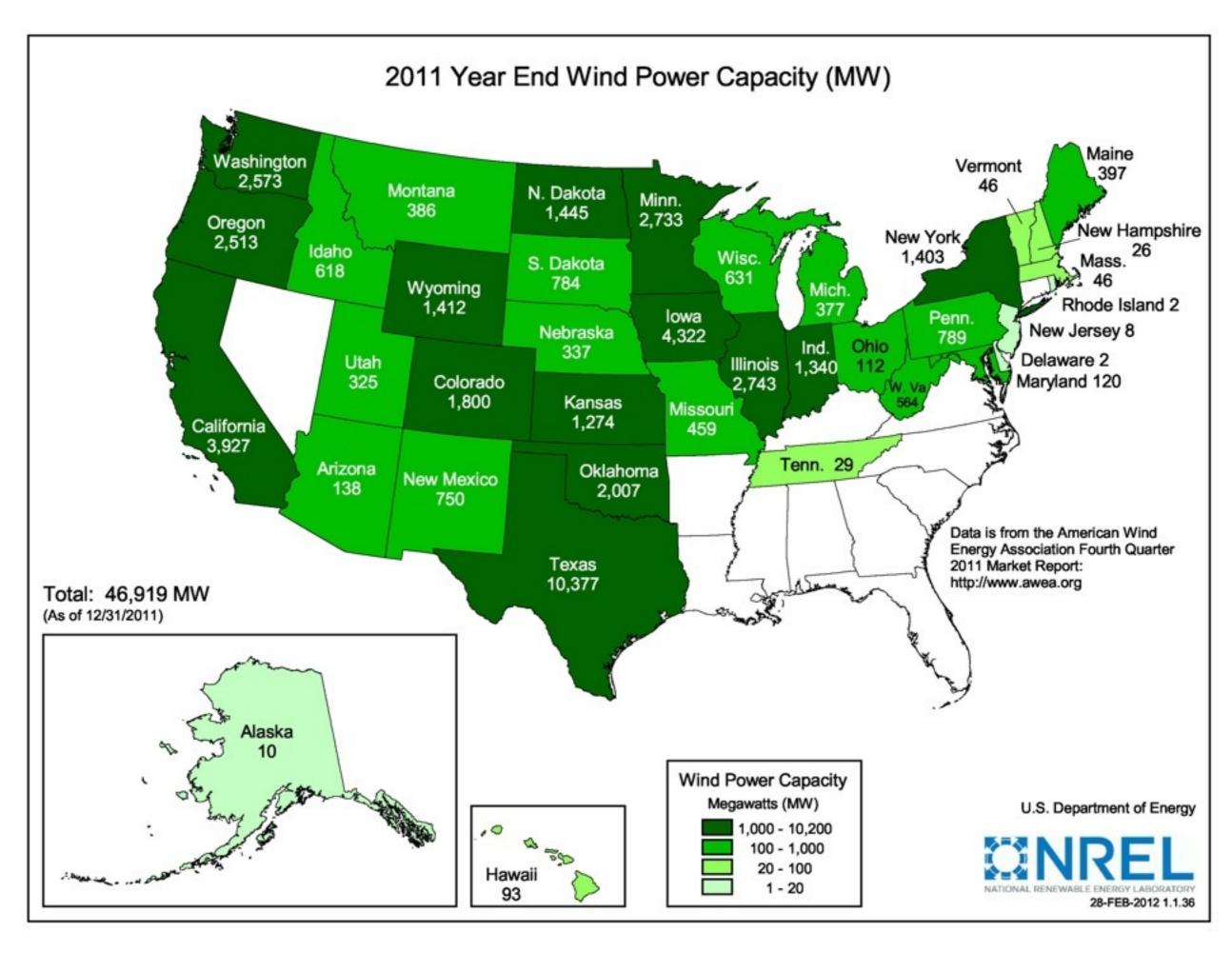










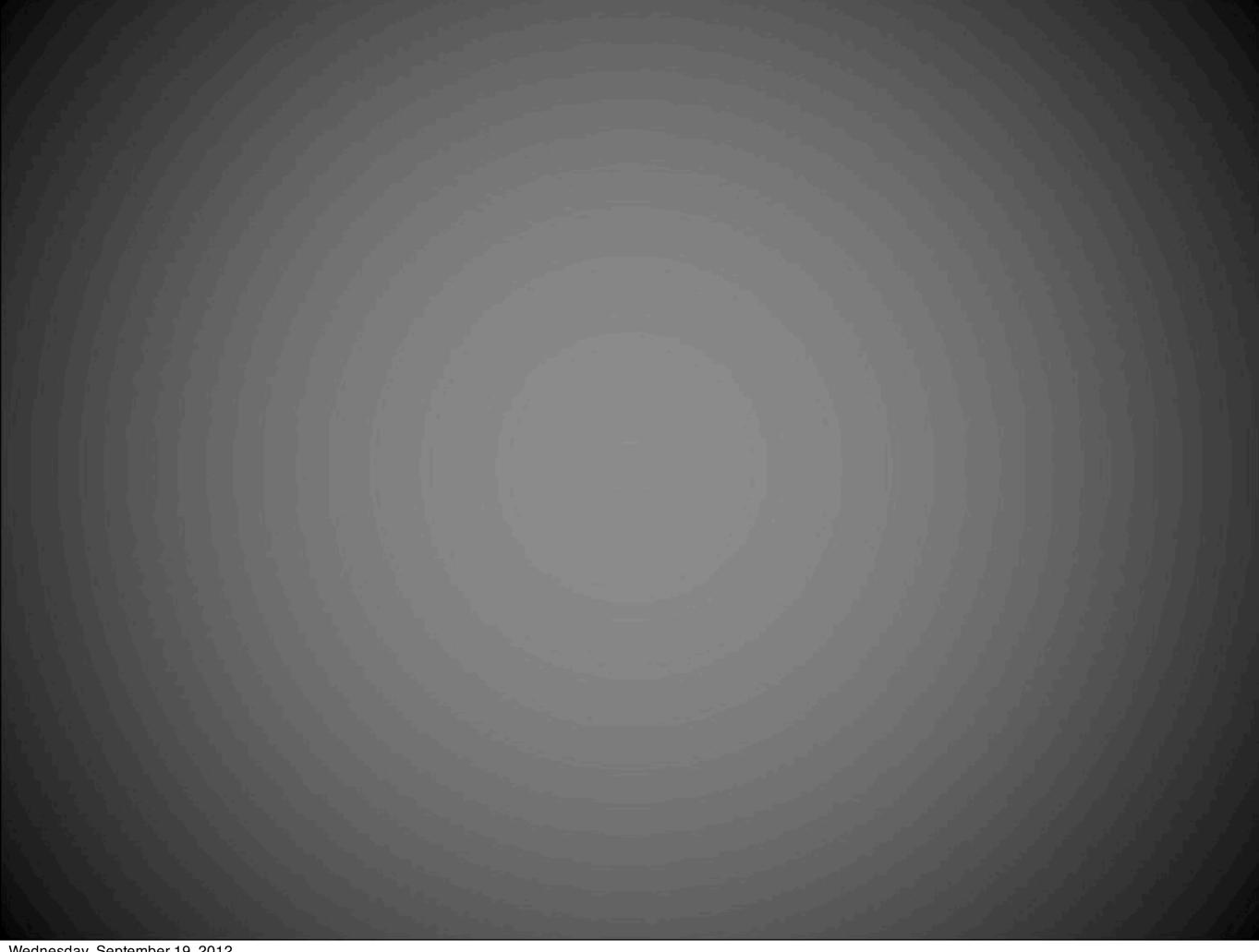


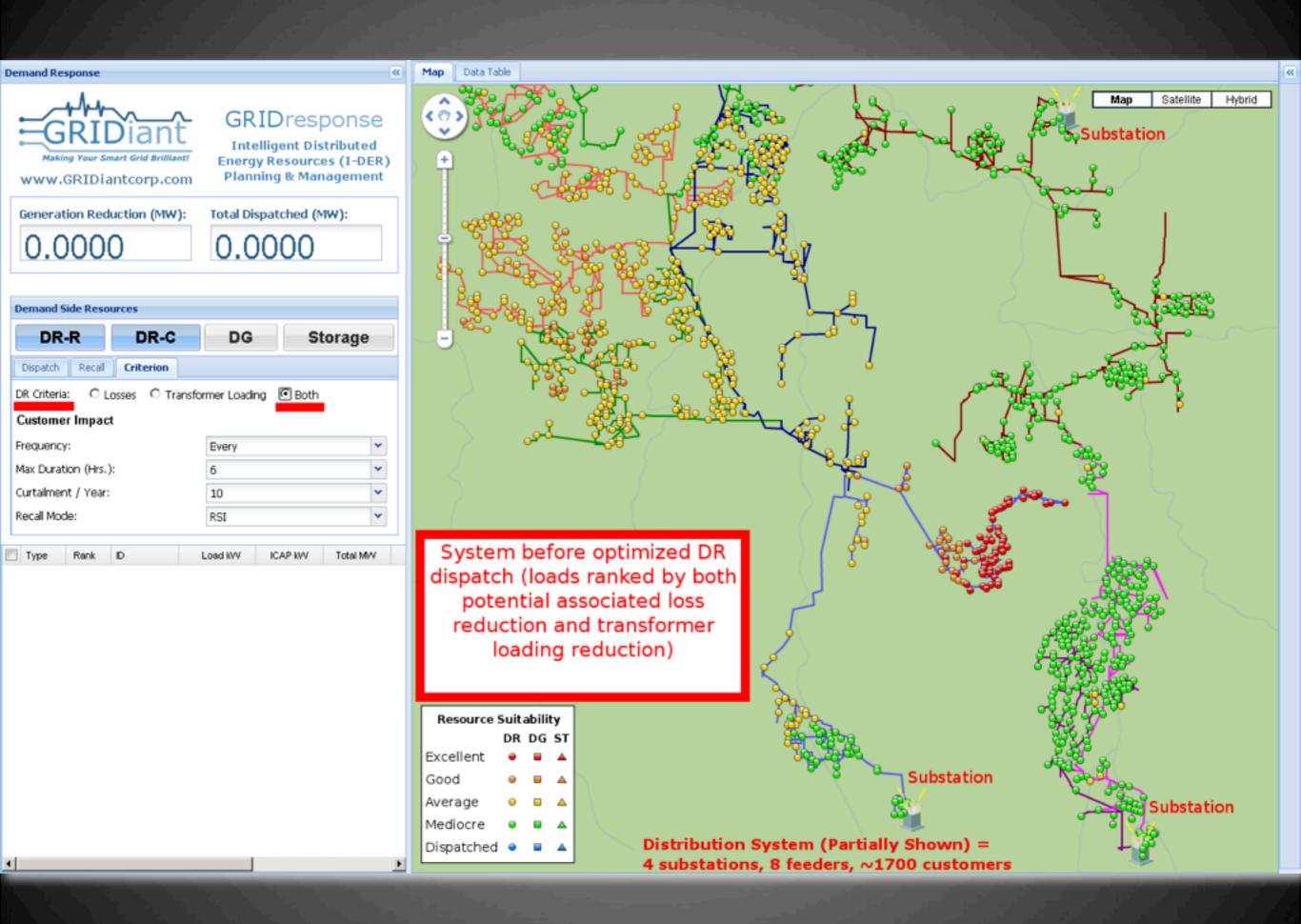


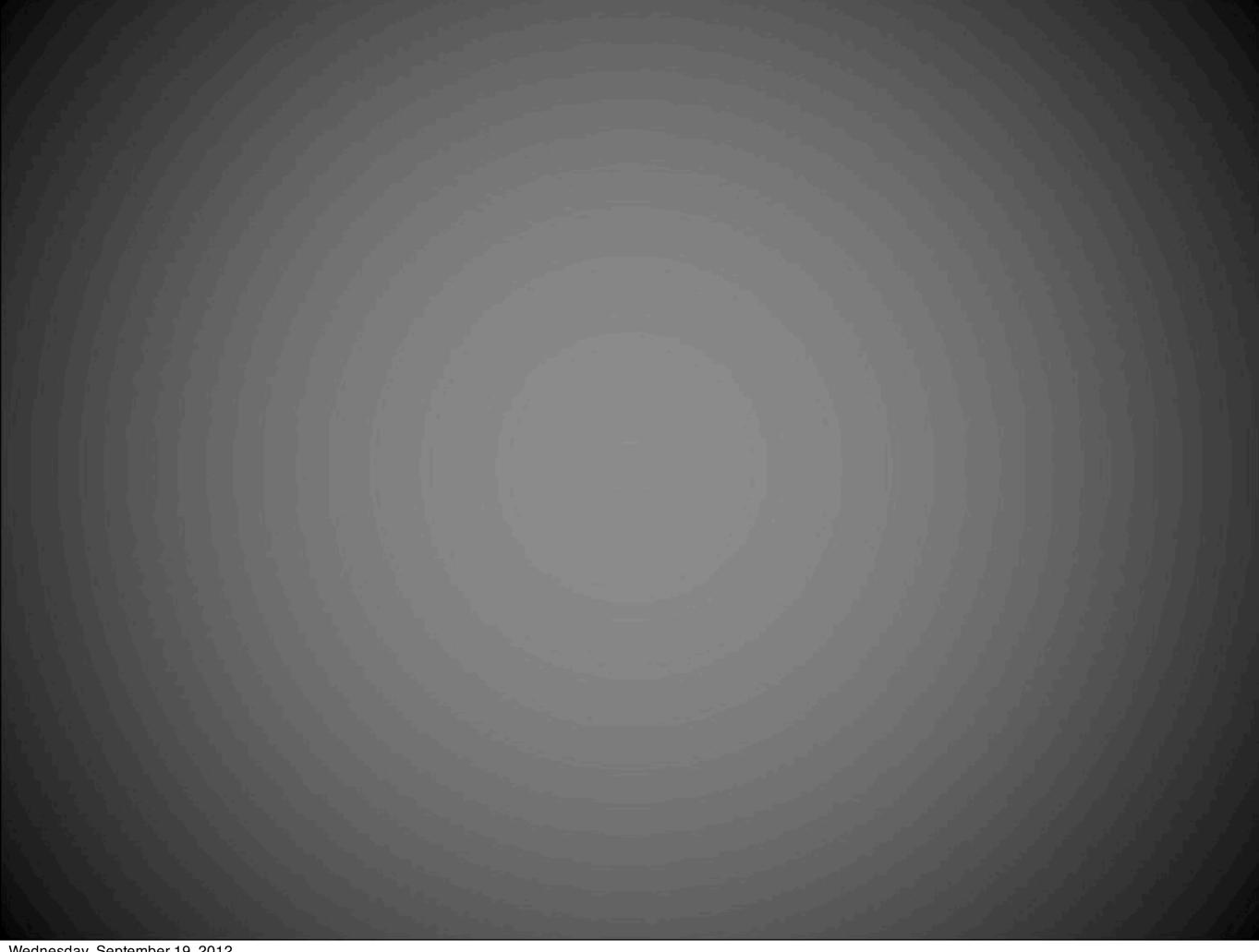
Total Installed Wind System Prices and Costs of Electricity (US)

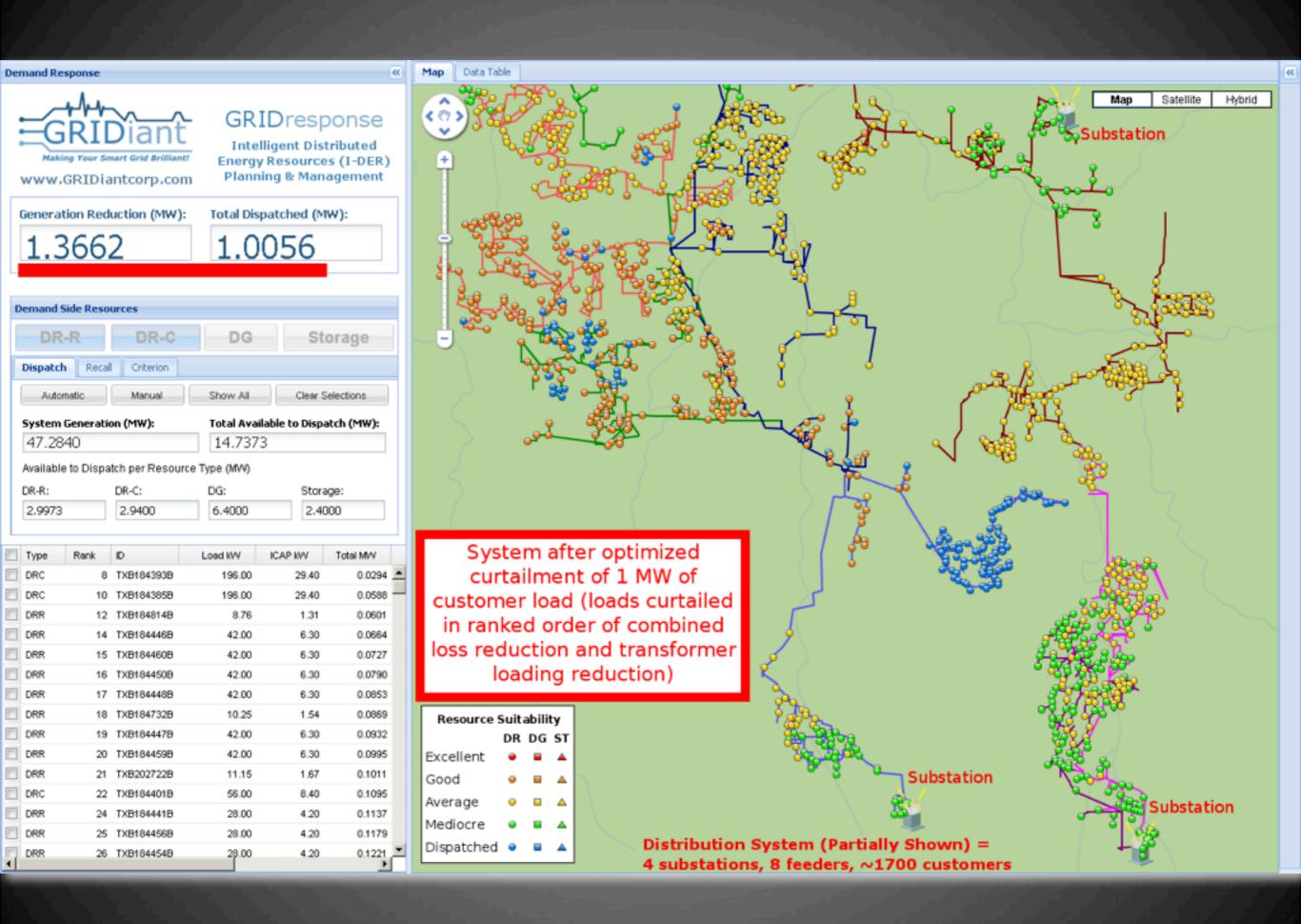
Year	LCOE Range (cents/kwh)
2002-2003	\$.038 to \$.058
2009-2010	\$.058 to \$.075
2012-2013	\$.036 to \$.042

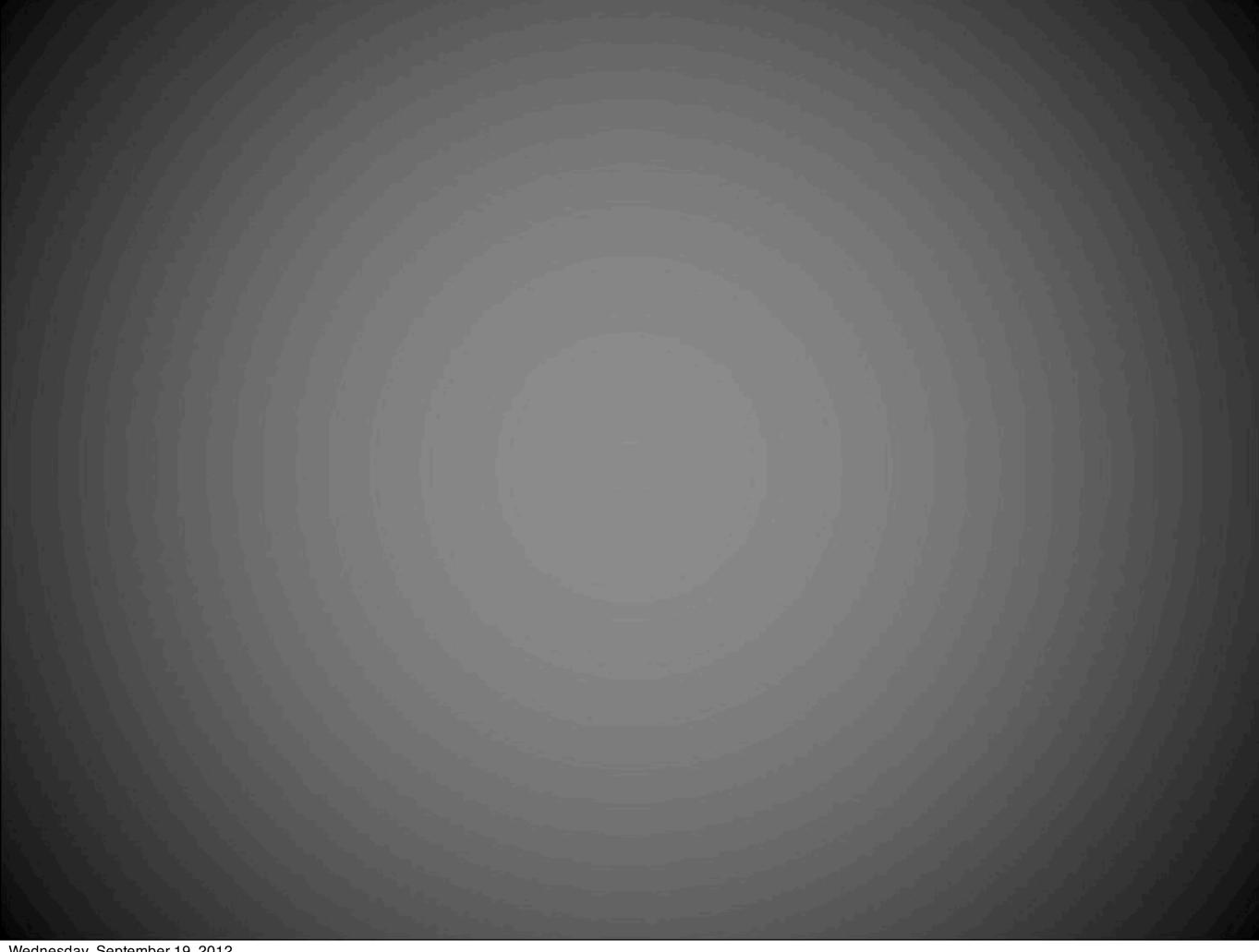
Source: NREL Wind Energy Report 2012













Wednesday, September 19, 2012

Favorable Ratings: 2009, 2010, and 2011 Surveys

"Extremely" or "Very" Favorable			
2009	2010	2011	
81%	79%	77%	
79%	75% ₩	71% ₩	
70%	64% ₩	61%	
62%	57% ₩	55%	
N/A	N/A	51%	
52%	47% ₩	42% ₩	
47%	42% ₩	40%	
56%	47% ₩	39% ₩	
N/A	37%	38%	
47%	37% ₩	37%	
26%	24%	19% ₩	
16%	19%	18%	
16%	15%	14%	
50%	45% ₩	43%	
	2009 81% 79% 70% 62% N/A 52% 47% 56% N/A 47% 26% 16%	2009 2010 81% 79% 79% 75% ↓ 70% 64% ↓ 62% 57% ↓ N/A N/A 52% 47% ↓ 47% 42% ↓ 56% 47% ↓ N/A 37% ↓ 16% 19% 16% 15%	

Arrows indicate a significant increase or decrease from the previous year, outside the +/- 3% margin of error for this survey.

(Source: Pike Research)