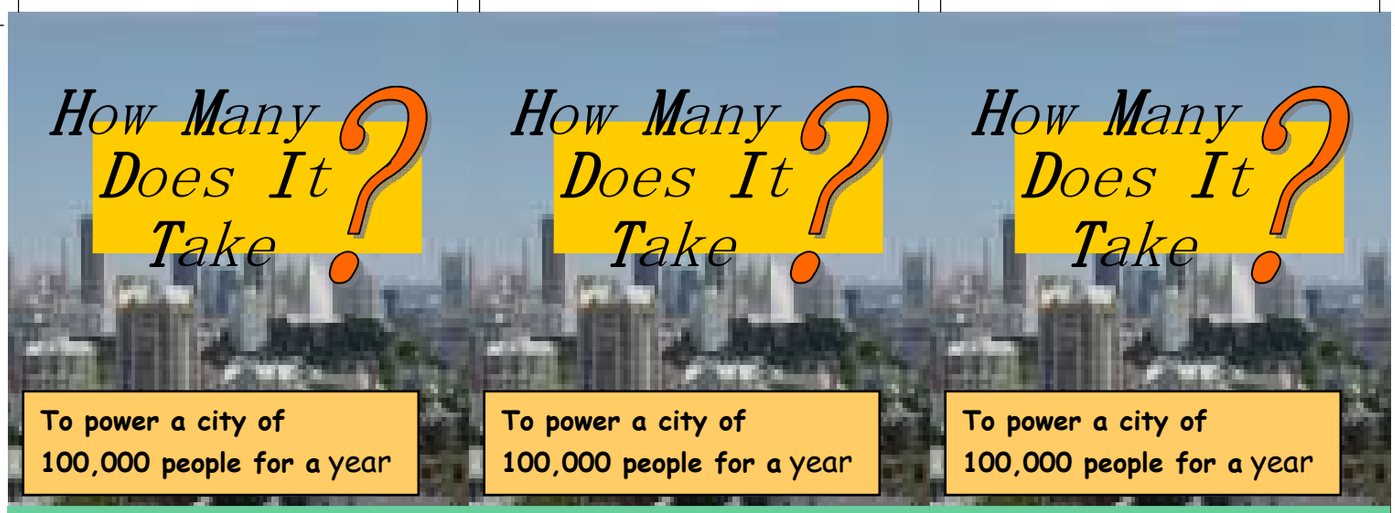

How Many Does It Take?

To power a city of 100,000 people for a year

1/30th Nuclear Plant on 12 acres

OR

3/7th Hydroelectric Dam on 73 acres

OR

7/8th Offshore Platform (Gas production only) on 2/5th acres

OR

20 Onshore Gas Wells on 8 acres

OR

724 Wind Turbines on 1615 acres

OR

127 Wave Plants on 19 acres

OR

241,000 Solar Panels on 2907 acres

To fuel cars for 100,000 people for a year

2½ Offshore Platforms (Oil production only) on 1¼ acres

OR

4300 Onshore Oil Wells on **1600** acres

Developed by Laura Martinez and Mary Elaine Dunaway at MMS, Pacific OCS Region 2005

Consult www.MMS.gov for full paper with calculations

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Power YOUR City

Nuclear Plant

Hydroelectric Dam

Offshore Oil & Gas Platform

Onshore Gas Well

Wind Turbine

Wave Plant

Solar Panel

Comparative numbers are provided for both electricity and transportation energy production. Values are based on a "typical" California facility and average California consumption. See MMS website for details.

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