



U.S. Department of Energy

Energy Efficiency
and Renewable Energy

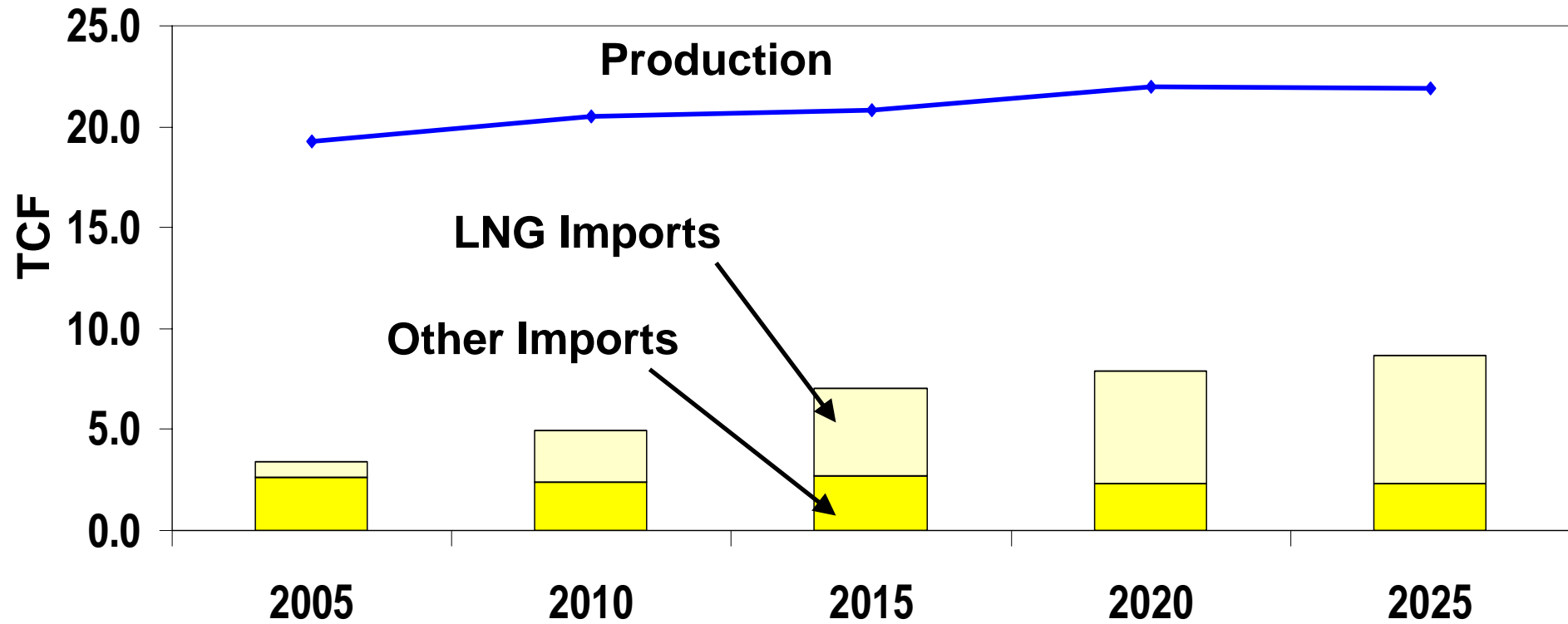
Bringing you a pro

Where Does the Small Scale Geothermal Power Plant Fit In the Grand Scheme of Things?







US Natural Gas Prod. Will Grow 13% Imports Will Grow 157%



Source: DOE/EIA AEO2005

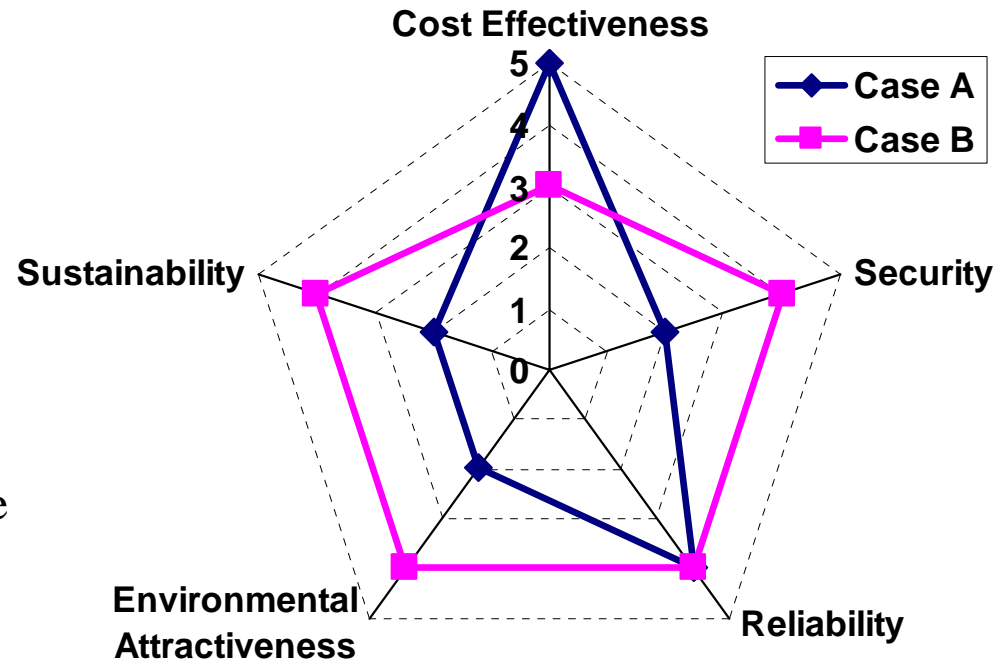
Expected Trends in Future Energy System Evolution

 Energy safety, security, reliability, and sustainability have become important energy system design parameters

 This will change how energy systems are optimized and upgraded

 This will impact future decisions on energy policy, supply, and use

How do we efficiently and cost-effectively transition to this new future infrastructure?







The primary role of PIER Renewables is to help the State meet aggressive renewable energy policy goals by investing in high priority RD&D issues.

Projected Renewables to Meet California Policy Goals





New Mexico Proposed Rule

- One in which no less than 20% of RPS is met using wind, no less than 20% is met using solar, and no less than 10% is met using one of the other Renewables



New Mexico Proposed Rule, cont.

- The reasonable cost threshold for 2006 is 1% of customer's annual electrical charges, increasing by 1/5% until 2011, at which time it will be 2%, then increasing by 1/5% until 2015=3%

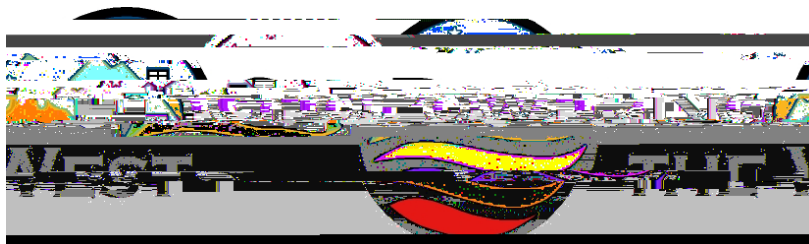
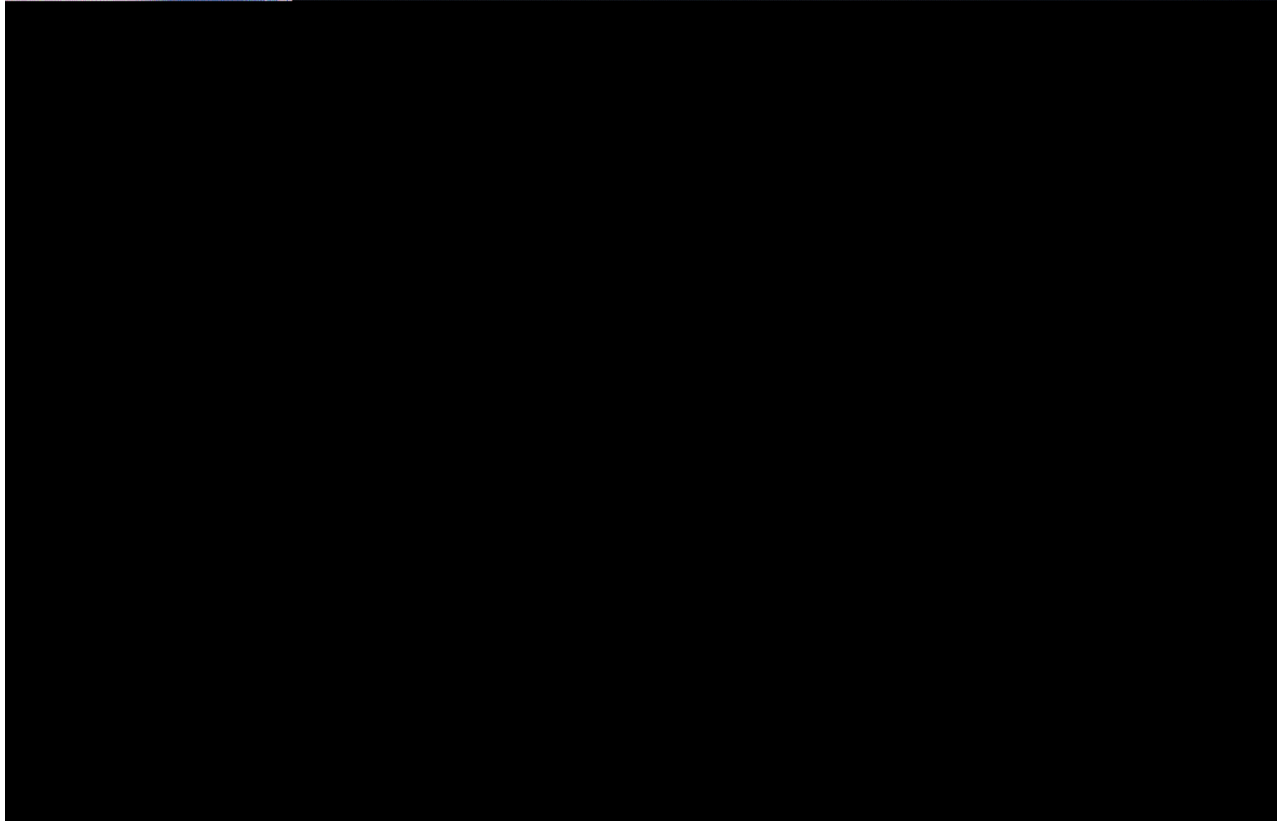


You've Heard of Combined Heat and Power?

Geothermal offers combined:



Heat.....Power..... and Pleasure!



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