

Evolving Electric Business Models and the Integrated Grid

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Drivers: Policy, Technology, Macro Trends

US planned utility-scale solar projects in advanced development or under construction



Source: SNL Energy
August 20, 2014
Map credit: Alip Artates

Development status

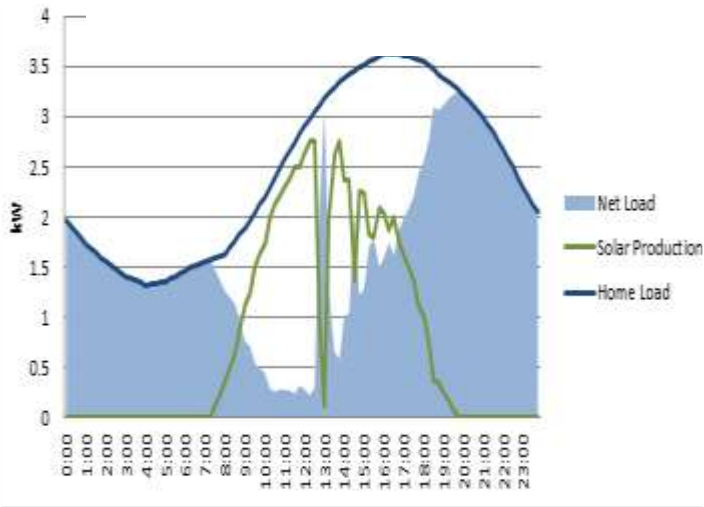
- Advanced development
- Construction begun

Net capacity change (MW)

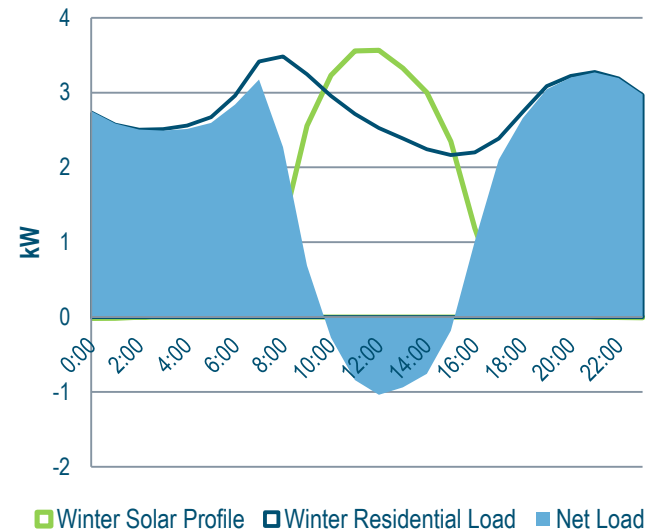
- 1 - 60
- 61 - 209
- 210 - 540

Challenges - A day in the life of a solar panel....

Residential Customer Summer Profile

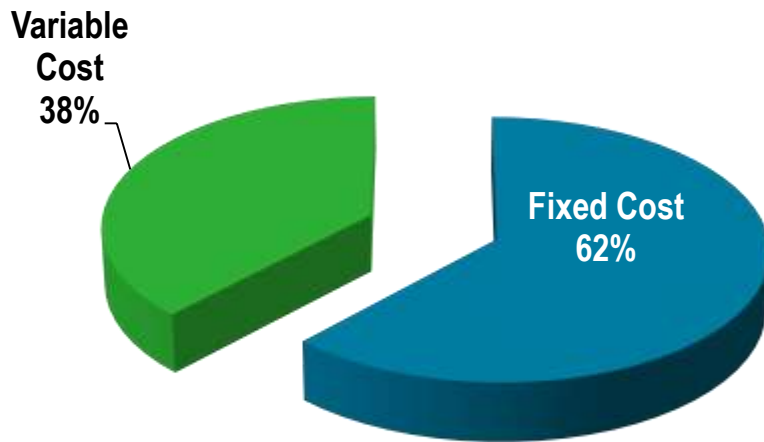


Residential Customer Winter Profile

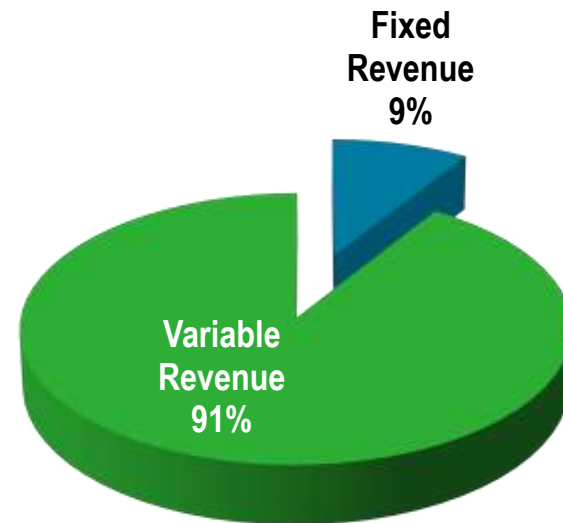


Challenges - Revenue/Cost Model

Residential Customer Cost



Residential Customer Revenue



Legend:

Variable Costs – Fuel and Variable OM

Fixed Costs – Generation, Transmission, Distribution, Customer-meter and billing