




Energy: Challenges with Becoming More Sustainable

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Significant amount of incremental RPS energy above 33% RPS levels are curtailed in 40% scenarios.

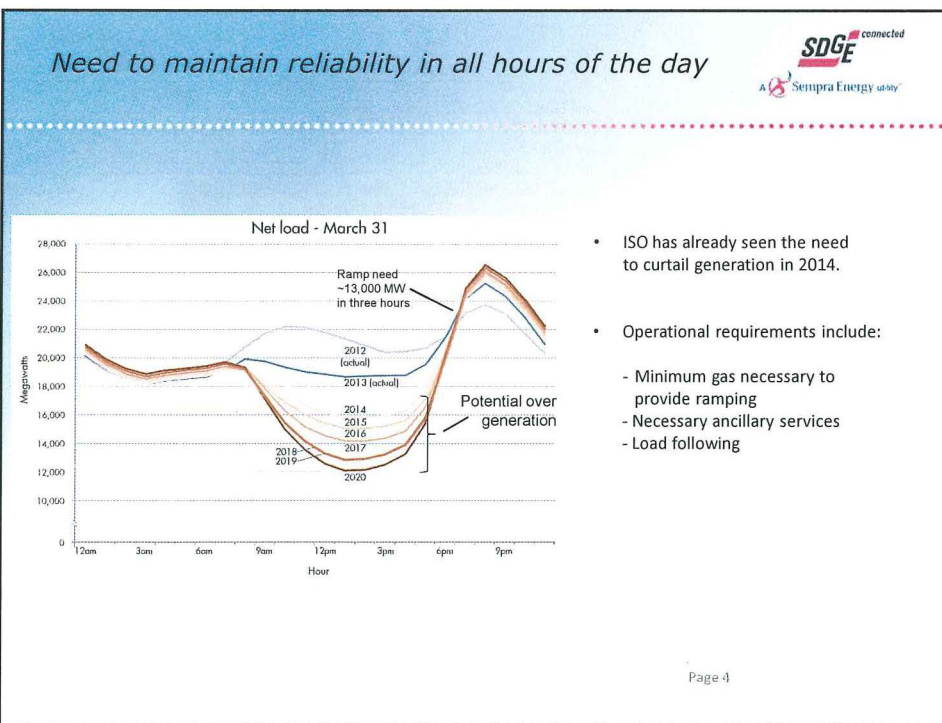
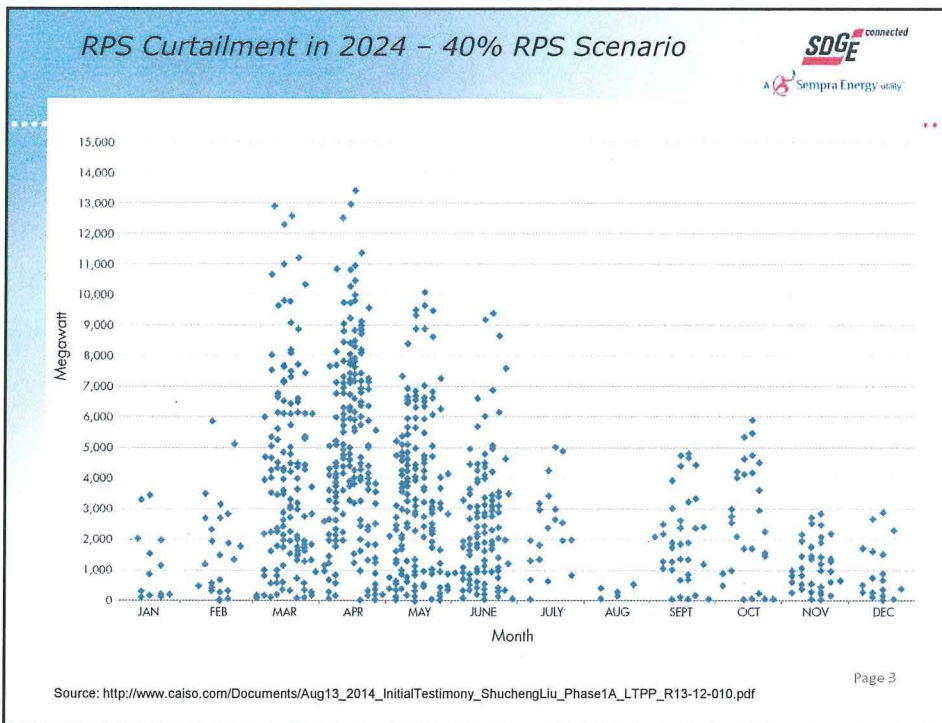


Scenarios (33%)	RPS Energy Curtailed (Gwh)	RPS Actual Achieved
Trajectory	153	32.9%
Trajectory without Diablo Canyon	26	33%
High load	136	32.9%

Scenarios (40%)		
40% RPS in 2024	2,825 <small>(15% of incremental RPS above 33%)</small>	38.7%
Expanded preferred resources	4,637 <small>(89% of incremental RPS above 33%)</small>	37.5%

Source: http://www.caiso.com/Documents/Aug13_2014_InitialTestimony_ShuchengLiu_Phase1A_LTPP_R13-12-010.pdf

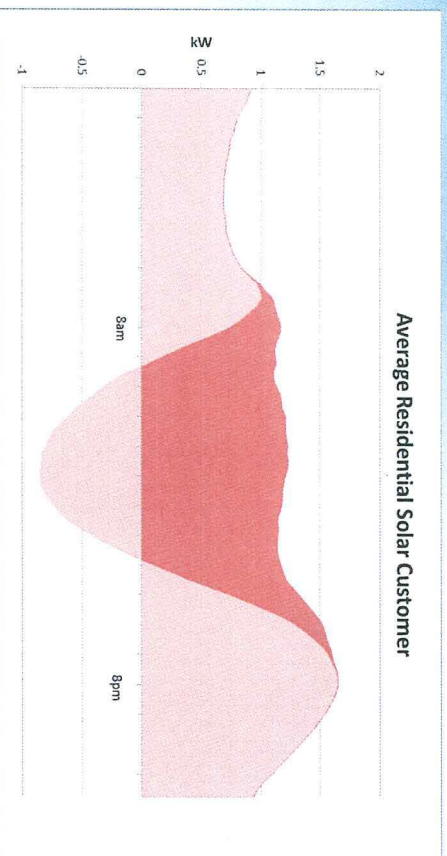
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Solar Doesn't Address Residential Distribution Peaks



Average Residential Solar Customer



SDG&E System – September 16-17, 2014

