

Challenges of Solar and Renewable Energy Technologies (Presentation Video)

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ABSTRACT

California's aggressive energy policy goals include a Renewable Portfolio Standard, RPS, which requires 33% of energy produced must come from renewable resources by 2020. Additionally, SDG&E as of the end of March 2013 has approximately 23,000 installations of rooftop photovoltaics with a nameplate capacity 171 MW that do not count towards the RPS goal. Renewable resources are intermittent power generators that introduce new challenges to planning, designing and operating a utility grid. SDG&E has been developing solutions to these challenges and will discuss this topic further in the plenary talk.

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