

**CALIFORNIA ENERGY COMMISSION**

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California Energy Commission

**DOCKETED**  
**13-IEP-1H**

TN 72387

DEC. 02 2013



In the matter of the	)	Docket No. 13-IEP-1H
<i>2013 Integrated Energy Policy</i>	)	Notice of Availability and Request for
<i>Report</i>	)	Comments
	)	

**Notice of Availability**  
***Distributed Generation Integration Cost Study:***  
***Analytical Framework***  
**CEC-200-2013-007**

The *Distributed Generation Integration Cost Study: Analytical Framework* is available free from the Energy Commission's website at:

[www.energy.ca.gov/2013\\_energy policy/documents/#reportsnomeeting](http://www.energy.ca.gov/2013_energy policy/documents/#reportsnomeeting)

A May, 2012 Southern California Edison (SCE) study concluded that the cost of integrating 4,800 megawatts (MW) of distributed generation, SCE's (SCE) estimated share of the 12,000 MW statewide distributed generation (DG) capacity target, depends highly upon locational factors. The Energy Commission hired Navigant Consulting (Navigant) to conduct an independent analysis of the cost impacts associated with increased installations of distributed generation in California using the SCE study as a starting point. Navigant evaluated how costs changed based on interconnection location, distribution feeder characteristics, load types, and project size.

This Navigant study was designed to validate SCE's May, 2012 findings and to include independent analysis of additional DG penetration scenarios using an analytical framework that quantifies DG integration costs and impacts on a utility's distribution system. The framework, while rigorous, is not overly prescriptive with required modeling tools and assumptions and provides guidance on estimating DG integration costs with a reasonable level of confidence. This study uses the framework to highlight potential impacts, least-cost solutions, and how integration costs vary significantly as a function of location, both on a regional basis and when clustered on specific segments of a distribution feeder.

## Submitting Comments

The Energy Commission is seeking comments on the study's approach, findings, and next steps. Interested members of the public are encouraged to review and comment on the study *Distributed Generation Integration Cost Study: Analytical Framework*. Written comments must be submitted by 5:00 p.m. on December 18, 2013. Please include the docket number 13-IEP-1H and indicate "*Distributed Generation Integration Cost Study*" in the subject line. The Energy Commission encourages comments by e-mail. Please include your name and the name of the organization you represent, if applicable. Comments should be in a downloadable, searchable format such as Microsoft® Word (.doc) or Adobe® Acrobat® (.pdf). Please submit comments to [docket@energy.ca.gov](mailto:docket@energy.ca.gov) and [Matt.Coldwell@energy.ca.gov](mailto:Matt.Coldwell@energy.ca.gov)

If you prefer, you may send a paper copy of your comments to:

California Energy Commission  
Re: Distributed Generation Integration Cost Study, Docket # 13-IEP-1H  
Publications, MS-5  
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Media inquiries should be sent to the Media and Public Communications Office at [mediaoffice@energy.ca.gov](mailto:mediaoffice@energy.ca.gov) or (916) 654-4989.

If you have questions on the subject matter of this document, please contact Matt Coldwell at [Matt.Coldwell@energy.ca.gov](mailto:Matt.Coldwell@energy.ca.gov) or (916) 651-2070.

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