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California Energy Commission

**DOCKETED**  
**13-IEP-1E**

TN # 70652

MAY 06 2013

# IMPERIAL IRRIGATION DISTRICT

May 7, 2013

California Energy Commission  
Transmission Planning Workshop



[www.iid.com](http://www.iid.com)

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# Renewable Energy Project Status Report

- Five projects commencing construction:
  - *SolarGen2 – Arkansas, Alhambra and Sonora (50 MW each totaling 150 MW PV) (export to SDG&E)*
  - *Sol Orchard Community 1 – SDSU Project – (7 MW PV) (IID)*
  - *Sol Orchard – El Centro PV Project (20 MW) (IID)*
- One project in pre-construction
  - *Ormat – Heber Solar (10 MW PV) (IID)*
- Two additional projects with PPA's in analysis phase
  - *2 PV Projects at 20 MW each*
- 50 MW Hudson Ranch Geothermal achieved commercial operation April 2012 (exporting to Salt River Project)

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## Transitional Cluster

- 9 projects proposing 930 MW have signed IA's
  - *Geothermal*                      *520 MW*
  - *Solar*                                *410 MW*
- Experimental interconnection agreements; generators funded development phase activities.
- Development phase complete; stakeholder meeting with generators scheduled for mid-May to discuss next steps

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## Transitional Cluster – IID Network Upgrades

- Transitional Cluster analysis identified four required network upgrades:
  - *Path 42 – Proposed in-service date April 2014*
  - *Highline-El Centro (A-B Line Upgrade)*
  - *El Centro Switching Station-IV Sub ("S" Line Upgrade)*
  - *Midway-Bannister Phase II*
- Path 42 project is moving forward with cooperation from Southern California Edison and California Independent System Operator Corporation

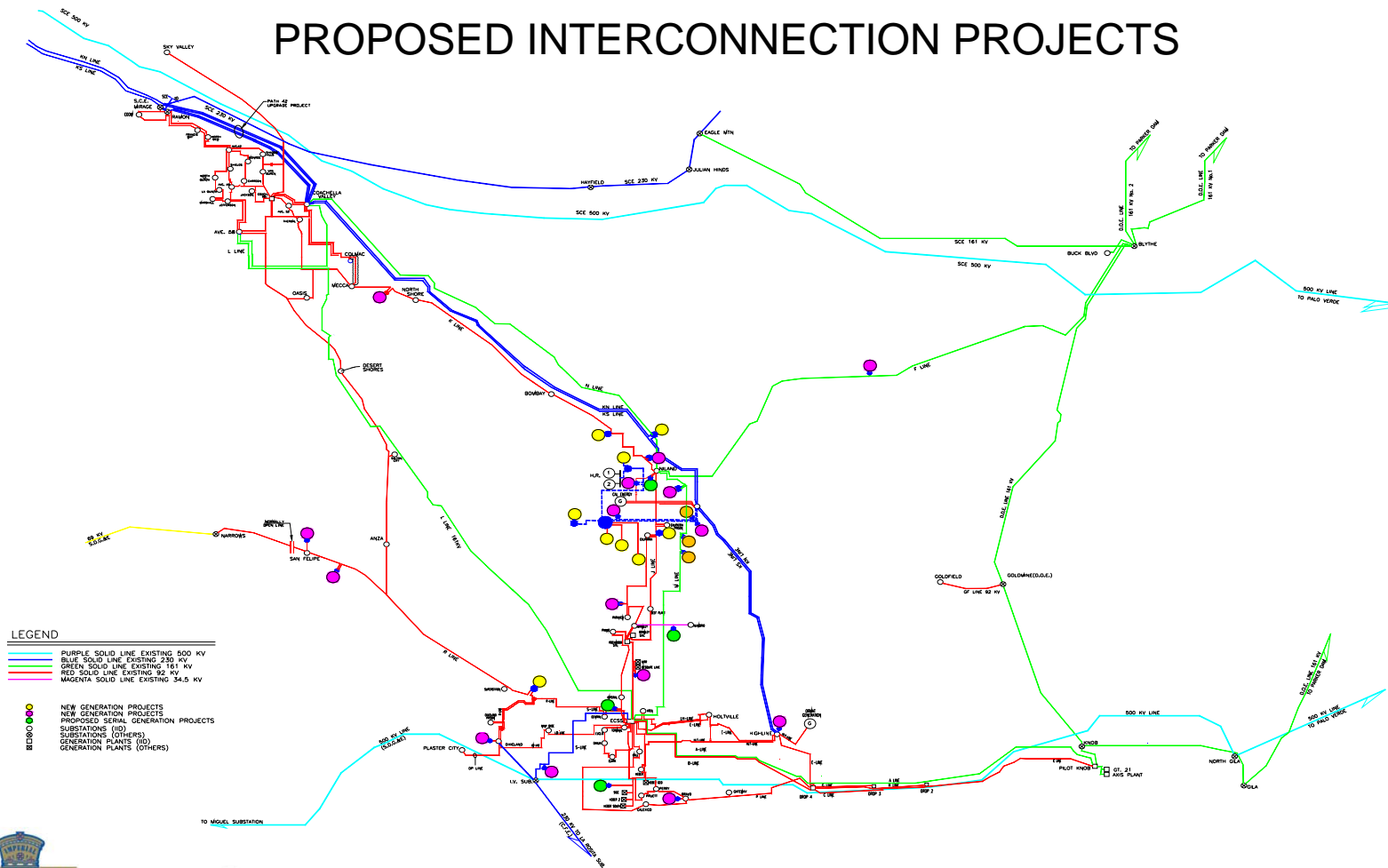


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## IID Interconnection Queue Status

- IID has 17 projects with proposed generation of 1099 MW in the interconnection study process.
  - *Solar (13)* *721 MW*
  - *Geothermal (1)* *100 MW*
  - *Wind (1)* *70 MW*
  - *Solar/Thermal (2)* *208 MW*
- Cluster 1 Study results expected June 2012.

# PROPOSED INTERCONNECTION PROJECTS



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## Imperial Valley Policy Driven Upgrade

- CAISO identified policy driven upgrade in Imperial Valley to minimize crossings of critical water infrastructure
- IID submitted a response to the CAISO competitive solicitation process in effort to become project sponsor
- Final results are pending evaluation in accordance with CAISO tariff.
- In PPTO scenario, policy driven upgrade facilities would be placed under operational control of CAISO by IID.



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FOR MORE INFORMATION CONTACT:

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