

DOCKETED

Docket Number:	15-RETI-02
Project Title:	Renewable Energy Transmission Initiative 2.0
TN #:	210238
Document Title:	IID Transmission Projects
Description:	N/A
Filer:	Patty Paul
Organization:	IID
Submitter Role:	Public
Submission Date:	2/9/2016 9:57:41 AM
Docketed Date:	2/9/2016

IID TRANSMISSION PROJECTS

Due to its strategic location and the considerable renewable resources located within the IID's service territory, improved transmission infrastructure in this region offers a wealth of benefits to a variety of stakeholders in the surrounding regional and interregional transmission area.

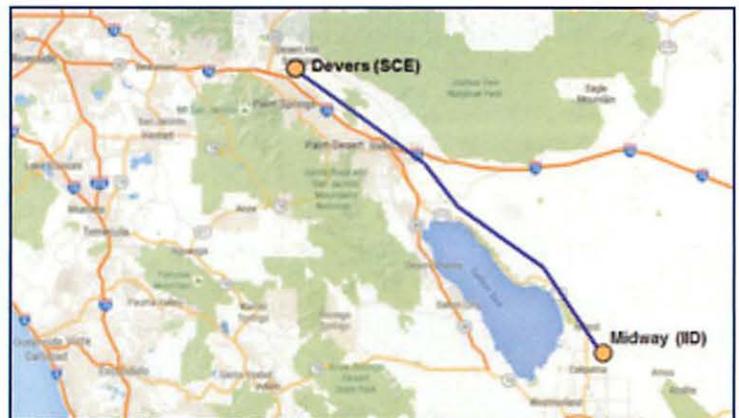
FERN INTERCONNECTION OPTION

- New Fern substation (multi-user interconnection facility)
- Approximately one (1) mile north of the Imperial Valley substation
- Direct connection to CAISO at the IV substation
- 1171 MW thermal rating
- Approximate cost: \$8.5 million
- Estimated radial wheeling rate \$0.016 per kW-month



STEP 500 KV AC CIRCUIT

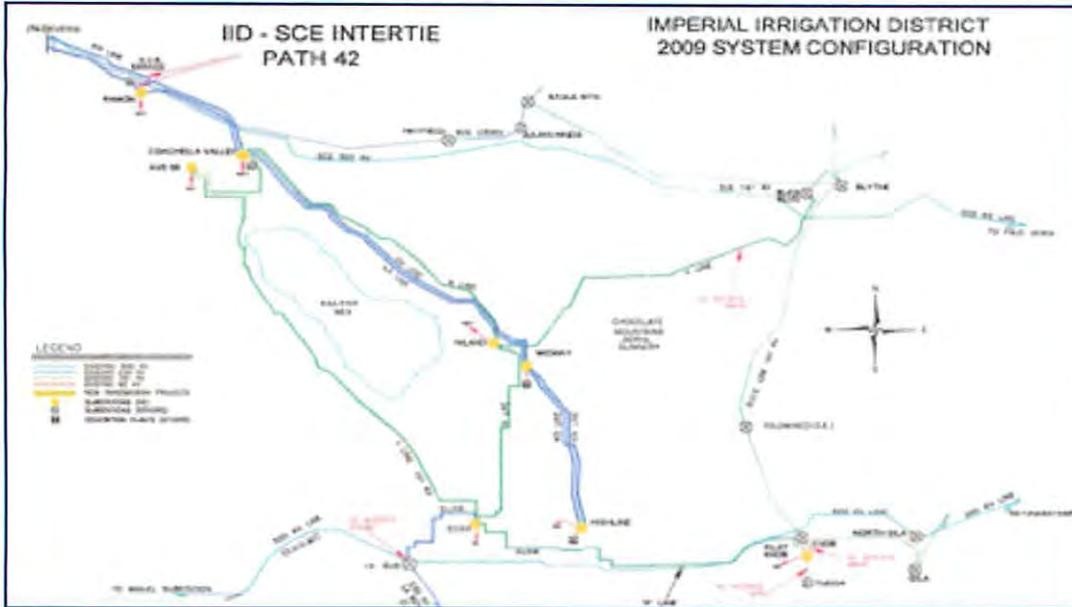
- Proposed 75 mile, 1100 MW, 500 kV AC transmission line along existing IID 230kV line
- Estimated cost (transmission line and ancillary upgrades) is \$325 million
- Supports Desert Renewable Energy Conservation Plan
- Close to high load area
- Submitted into the CAISO 2015-2016 Transmission Planning Process



For more information about IID's transmission projects, please visit www.iid.com, call 1-800-303-7756 or email energyresources@iid.com.

PATH 42 PROJECT (Coachella Valley-Ramon/Mirage 230kV Transmission Line Re-conductoring)

- IID – CAISO Intertie
- Increased IID's import/export capability from 600 to 1500 MW
- Project Completed December 2015
- Can help support California's new RPS requirements



DESERT SOUTHWEST TRANSMISSION PROJECT

- Proposed 118 mile single circuit 500kV Transmission Project from new Keim substation to Southern California Edison's Devers substation
- IID holds BLM Rights-of-Way Grants
- Project proposes to enable power from location-constrained resources (e.g., wind generation) to be transported from eastern Riverside County, California to load pocket areas in southern California by providing 1,200 to 1,500 megawatts (MW) of new transfer capability

