

Southern California Edison
WODUP A.13-10-020

DATA REQUEST SET A.13-10-020 WODUP ED-SCE-07

To: ENERGY DIVISION
Prepared by: Ayman Samaan
Title: Planner
Dated: 09/05/2014

Question PD-22.A.ii:

Project Objectives.

A.) Please elaborate on the Project Objectives for each of the individual circuits that would be modified as part of the proposed WOD Upgrade Project. For each circuit listed below, please provide the following information.

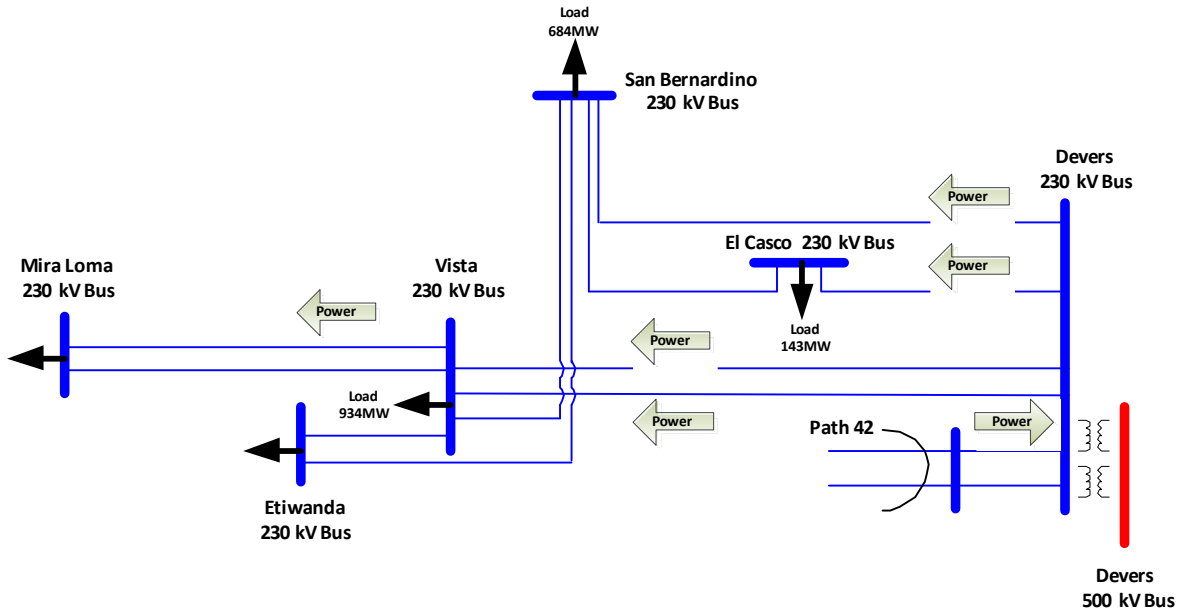
ii. Describe what portion (in MW) of the project's total capacity would serve load at the receiving substations and/or what portion (MW) of the project's capacity would flow through these substations and then further over the existing SCE transmission system.

iv. The circuits to be addressed for items (i) through (iii) above are the following:

- Devers-San Bernardino No 1
- Devers – El Casco
- El Casco – San Bernardino
- San Bernardino – Vista
- San Bernardino – Etiwanda
- Devers-Vista No 1
- Devers-Vista No 2

Response to Question PD-22.A.ii:

The WOD transmission lines are not radial but are part of SCE's integrated bulk power system (see below). Therefore, flow through these transmission lines serve load throughout SCE's service territory located beyond Devers Substation.



San Bernardino, Vista and El Casco are the most immediate substations.

Substation	2020 1-in-10 load forecast (MW)	Net (MW)
San Bernardino 220/66	699.7	683.6
El Casco 220/115	146.0	142.7
Vista 220/115/66	963.1	933.6

Note: The net load takes into account Energy Efficiency load reduction.