Transmission Projects

PG&E
1. MALAGA SUB - REPLACE CBS 112, 142, phase #3
2. North Star Solar 1 Generation Interconnection Project (607), phase #1
3. Central Coast New Switching Station (Crazy Horse), phase #1
4. Blackwell 70kV Sub - install new 70kV CB & SW, phase #1
5. Stanford Energy Center Load Interconnection, phase #2
6. Maricopa West Solar PV Generation Interconnection Project (Q620), phase #1
7. CED Corcoran 2 Generation Interconnection Project (AKA Corcoran West) (Q558), phase #1
8. Kearney Sub - Bk#4 Addition, phase #2
9. McMullin-Kearney 230kV line reconductoring, phase #1
10. Moss Landing - convert 230 kV bus to BAAH, phase #2
11. PANOCHE SUB - INSTALL BANK 3, phase #1
12. PANOCHE SUB - INSTALL BANK 3, phase #2
13. Redwood Solar Farm (Q744), phase #1
14. Central Coast New Switching Station (Crazy Horse), phase #3
15. Henrietta-McCall 230kV reconductoring, phase 1
16. Mission X 115 kV equipment replacement/bus conversion, phase 1

SCE
1. Palmdale East - Sparkle Sub, phase #1
2. Kramer transformer banks 1A and 2A , phase #1
3. SEPV Palmdale East Interconnect , phase #1
4. Central Coast New Switching Station (Crazy Horse), phase #3
5. Henrietta-McCall 230kV reconductoring, phase 1
6. Mission X 115 kV equipment replacement/bus conversion, phase 1

SDGE
1. Friars - 138kV TL Relocation & Bank Breaker, phase #2
2. Imperial Valley - New 230kV TL (IV - Dunaway Bay 18), phase #1
3. Dunaway - 230kV Sub Test & Energize, phase #1
4. East County Project (ECO Proj) new 500/230/138kV Substations and lines, phase #3A

VEA
N/A

External
1. PAC: Model updates for PacifiCorp area including substations, transmission lines, transformers, synchronous machines, and loads.
Full Network Model Scope for FNM DB2015Q1
Production (01/15/2015)

Generation Projects

1. Shafter Solar
   - PGE
   - Capacity: 20MW
   - RES_ID: 7STDRD_1_SOLAR1
   - POD: Seven Standard 115kV bus

2. Atwell West
   - PGE
   - Capacity: 20MW
   - RES_ID: ATWEL2_1_SOLAR1
   - POD: Pole # 60/461 Alpaugh-Smyrna 115kV line

3. Bakersfield 111
   - PGE
   - Capacity: 1.4MW
   - RES_ID: BKRFLD_2_SOLAR1
   - POD: Bakersfield 230kV Bus

4. BLACKWELL SOLAR
   - PGE
   - Capacity: 12MW
   - RES_ID: BLCKWL_6_SOLAR1
   - POD: Blackwell 70kV Bus

5. McCoy Solar
   - SCE
   - Capacity: 250MW
   - Aggregated RES_ID: BLKCRK_2_SOLAR1
   - Child RES_IDs: BLKCRK_2_SOLR1A (125MW) BLKCRK_2_SOLR1B (125MW)
   - POD: 230KV BUS COLORADO RIVER

6. Catalina Solar 2
   - SCE
   - Capacity: 18MW
   - RES_ID: CATLNA_2_SOLAR2
   - POD: Whirlwind 220kV North Bus

7. Kona Solar - Terra Francesca
   - SCE
   - Capacity: 1.5MW
   - RES_ID: CHINO_2_SOLAR2
   - POD: Chino 220kV bus

8. Energia Sierra Juarez Wind Project
   - SDG
   - Capacity: 155.1MW
   - RES_ID: ENERSJ_2_WIND
   - POD: East County 230kV Substation

9. Imperial Valley West
Full Network Model Scope for FNM DB2015Q1
Production (01/15/2015)

- SDG
  - Capacity: 150MW
  - RES_ID: IVWEST_2_SOLAR1
  - Aggregated RES_ID: IVWEST_2_SOLAR1
  - Child RES_IDs: IVWEST_2_SOLR1A (75MW) IVWEST_2_SOLR1B (75MW)
  - POD: Imperial Valley 230kV Bus

10. Woodmere Solar Farm
- PGE
  - Capacity: 15MW
  - RES_ID: LAMONT_1_SOLAR3
  - POD: Lamont 115kV bus

11. Hayworth Solar Farm
- PGE
  - Capacity: 27MW
  - RES_ID: LAMONT_1_SOLAR4
  - POD: Lamont 115kV bus

12. Redcrest Solar Farm
- PGE
  - Capacity: 20MW
  - RES_ID: LAMONT_1_SOLAR5
  - POD: Lamont 115kV bus

13. NORTH STAR SOLAR 1
- PGE
  - Capacity: 60MW
  - RES_ID: MNDOTA_1_SOLAR1
  - POD: Mendota 115kV Bus

14. Kona Solar - Rancho DC #1
- SCE
  - Capacity: 1.8MW
  - RES_ID: PADUA_2_SOLAR1
  - POD: Padua 230kV bus

15. Sierra Solar Greenworks
- SCE
  - Capacity: 20MW
  - RES_ID: PLAINV_6_SOLAR3
  - POD: Antelope 66kV bus

16. Isis Solar, LLC
- PGE
  - Capacity: 20MW
  - RES_ID: TWISSL_6_SOLAR1
  - POD: Twissleman 70kV bus

17. Kona Solar - Meridian #1
- SCE
  - Capacity: 1.5MW
  - RES_ID: VALLEY_5_SOLAR1
Full Network Model Scope for FNM DB2015Q1
Production (01/15/2015)

- POD: Valley 500kV bus

18. Alamo Solar
   - SCE
   - Capacity: 20MW
   - RES_ID: VICTOR_1_SOLAR2
   - POD: Victor 115kV Bus

19. Corcoran 2
   - PGE
   - Capacity: 19.8MW
   - RES_ID: WAUKNA_1_SOLAR2
   - POD: Waukena Sub 115kV

20. Sirius
   - PGE
   - Capacity: 1.5MW
   - RES_ID: WILSON_1_SOLAR
   - POD: WILSON 115kV bus