

Full Network Model Scope for FNM DB2019Q1

Production (2/21/2019)

Transmission Projects

PG&E

1. Smyrna-Semitropic-Midway 115 KV NERC Project
2. Caribou #2 Grays Flat to Spanish Creek
3. Mosher Transmission Project
4. West Point - Valley Springs 60 kV Line Reinforcement
5. WHEELER RIDGE VOLTAGE SUPPORT (SUB) (formerly: Wheeler Ridge 230KV - add 225MVAR shunt capacitors for voltage support)
6. San Bruno Interchange Pipe-Type Cable Replacement Project
7. Borden 230 kV Voltage Support
8. Kern PP 230 kV Area Reinforcement
9. American Kings
10. Gates 500/230 kV Transformer No. 2 and 230 kV BAAH Project
11. Northern Fresno 115 kV Area Reinforcement
12. Midway-Kern No. 2 230 kV Line Project
13. Monta Vista 230 kV Bus Upgrade Project
14. Caltrain Intrconnection Site 1 East Grand
15. Caltrain Intrconnection Site 3 FMC Substation Temp PWR Project
16. Lathrop Irrigation District 115 kV Load Interconnection
17. Fulton-Calistoga 60 kV Line Recodncutoring Project

SCE

None

SDGE

1. TL663 Mission - Kearny 69kV line reconductor
2. IV Bank 80 Replacement
3. Kearny - Rebuild 69kV/12kV Sub

VEA

None

External

1. **AVA**: Model updates for the DB2019Q1 Model
2. **AVRN**: Model updates for the DB2019Q1 Model
3. **AZPS**: Model updates for the DB2019Q1 Model
4. **BANCSMUD**: Model updates for the DB2019Q1 Model
5. **BANCWAMI**: Model updates for the DB2019Q1 Model
6. **BCHA**: Model updates for the DB2019Q1 Model
7. **BPAT**: Model updates for the DB2019Q1 Model
8. **CEN**: Model updates for the DB2019Q1 Model
9. **CHPD**: Model updates for the DB2019Q1 Model
10. **DOPD**: Model updates for the DB2019Q1 Model
11. **GCPD**: Model updates for the DB2019Q1 Model
12. **GWA**: Model updates for the DB2019Q1 Model
13. **IPCO**: Model updates for the DB2019Q1 Model
14. **LDWP**: Model updates for the DB2019Q1 Model
15. **NEVP**: Model updates for the DB2019Q1 Model
16. **NWMT**: Model updates for the DB2019Q1 Model

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17. **PACE**: Model updates for the DB2019Q1 Model
18. **PACW**: Model updates for the DB2019Q1 Model
19. **PGE**: Model updates for the DB2019Q1 Model
20. **PNM**: Model updates for the DB2019Q1 Model
21. **PSEI**: Model updates for the DB2019Q1 Model
22. **TPWR**: Model updates for the DB2019Q1 Model

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Generation Projects

1. LaBrisa Wind Project - Wind QF
 - PGAE
 - Capacity: 9 MW
 - RES_ID: USWNDR_2_LABWD1
 - POD: Birds Landing Switching Station 230kV Bus
2. Tulare BioMAT Fuel Cell - Conventional
 - SCE
 - Capacity: 2.8 MW
 - RES_ID: TULARE_2_TULBM1
 - POD: Rector 230kV Bus
3. Grady Wind - Pseudo Tie
 - SCE
 - Capacity: 220.5 MW
 - RES_ID: GRADYW_5_GDYWD1
 - Associated CAISO Intertie ID: WILLOWBEACH
4. Summer Wheat Solar Farm - Decrease EMS PMax from 20 MW to 18.5 MW
 - PGAE
 - Capacity: 18.5 MW
 - RES_ID: SUMWHT_6_SWSSR1
5. EL CAJON - Generation Termination
 - SDGE
 - Capacity: 18 MW
 - RES_ID: ELCAJN_7_GT1
6. ETIWANDA GEN STA. UNIT 3 - Generation Termination
 - SCE
 - Capacity: 333 MW
 - RES_ID: ETIWND_7_UNIT 3
7. ETIWANDA GEN STA. UNIT 4 - Generation Termination
 - SCE
 - Capacity: 333 MW
 - RES_ID: ETIWND_7_UNIT 4
8. Bell Bandini Commerce Refuse - Generation Termination
 - SCE
 - Capacity: 10.1 MW
 - RES_ID: LAGBEL_2_STG1
9. MORRO BAY UNIT 3 - Generation Termination
 - PGAE
 - Capacity: 300 MW
 - RES_ID: MORBAY_7_UNIT 3
10. MORRO BAY UNIT 4 - Generation Termination
 - PGAE
 - Capacity: 300 MW
 - RES_ID: MORBAY_7_UNIT 4

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11. SAN JOAQUIN COGEN - Generation Termination
 - PGAE
 - Capacity: 48.6 MW
 - RES_ID: SANJOA_1_UNIT 1
12. SIERRA PACIFIC IND. (ANDERSON) - Generation Termination
 - PGAE
 - Capacity: 5.7 MW
 - RES_ID: SPIAND_1_UNIT
13. VALLEY_7_BADLND - Generation Termination
 - SCE
 - Capacity: 2.6 MW
 - RES_ID: VALLEY_7_BADLND