

Full Network Model Scope for FNM DB2019Q3

Production (09/19/2019)

Transmission Projects

PG&E

1. Ashlan 230kV Bus Reliability
2. Capetown Wind Farm Generation Interconnection Project (Q1269)
3. CAPMAD_1_UNIT1 Gen Removal
4. Central Bundle C-20 SCADA PROJECT
5. Colgate-Challenge 60 kV Reliability Project
6. Delevan 230 kV Substation Shunt Reactor
7. Gates 500/230 kV Transformer No. 2
8. Gates Sub: Replace Bk 3 (115/12kV) & Bk 1 (230/115 kV)
9. Gold Hill Sub: Replace 230kV Oil Circuit Breakers (OCB) 212,222, 242, 252, 712
10. Ignacio 230 kV Substation Shunt Reactor
11. Kasson Replacement of 115/60kV Bank 1
12. Monta Vista 230 kV Bus Upgrade Project
13. MORBAY_7_ UNIT 3 Gen Removal
14. MORBAY_7_ UNIT 4 Gen Removal
15. Moss Landing: 500kV Breakers Replacement
16. Oro Loma Sub Bank #2
17. Panoche -Oro Loma 115 kv Reconductoring
18. Pease 115/60 kV Transformer Addition and 115 kV Bus Upgrade
19. Pit PH #1 REPL 11/60kV Bank 3 and add Bank 5.
20. PVUSA CleanPath Energy Solar Farm(Q653F)
21. SANJOA_1_UNIT 1 Gen Removal
22. Semitropic - Midway 115 kV Line Reconductor Phase 2
23. South Bundle S-24 SCADA
24. South of Palermo 115 kV Reinforcement Project
25. Spence Bank 1
26. SPIAND_1_UNIT Gen Removal
27. Table Mountain 500/230kV Transformer Replacement
28. THMENG_1_UNIT 1 Gen Removal
29. Vaca-Vacaville-Jameson-North Tower 115kV NERC

SCE

1. Eagle Mtn 5A/3A Bank
2. Etiwanda Gen Removal
3. Mesa 500 kV Substation Project

SDGE

1. ELCAJN_7_GTI Gen Removal
2. Fenton
3. KEARNY_7_KY2 Gen Removal
4. KEARNY_7_KY3 Gen Removal
5. MRGT_7_UNITS Gen Removal
6. Q1170 Generation interconnection

HZWT

1. HZWTSVC1

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External

1. AVA: Model updates for the DB2019Q3 Model
2. AVRN: Model updates for the DB2019Q3 Model
3. AZPS: Model updates for the DB2019Q3 Model
4. BANCSMUD: Model updates for the DB2019Q3 Model
5. BCHA: Model updates for the DB2019Q3 Model
6. BPAT: Model updates for the DB2019Q3 Model
7. CEN: Model updates for the DB2019Q3 Model
8. CHPD: Model updates for the DB2019Q3 Model
9. DEAA: Model updates for the DB2019Q3 Model
10. DOPD: Model updates for the DB2019Q3 Model
11. EPE: Model updates for the DB2019Q3 Model
12. GCPD: Model updates for the DB2019Q3 Model
13. GRID: Model updates for the DB2019Q3 Model
14. GRIF: Model updates for the DB2019Q3 Model
15. GWA: Model updates for the DB2019Q3 Model
16. HGMA: Model updates for the DB2019Q3 Model
17. IPCO: Model updates for the DB2019Q3 Model
18. LDWP: Model updates for the DB2019Q3 Model
19. NEVP: Model updates for the DB2019Q3 Model
20. NWMT: Model updates for the DB2019Q3 Model
21. PACE: Model updates for the DB2019Q3 Model
22. PACW: Model updates for the DB2019Q3 Model
23. PGE: Model updates for the DB2019Q3 Model
24. PNM: Model updates for the DB2019Q3 Model
25. PSEI: Model updates for the DB2019Q3 Model
26. SCL: Model updates for the DB2019Q3 Model
27. SRP: Model updates for the DB2019Q3 Model
28. TPWR: Model updates for the DB2019Q3 Model
29. WALC: Model updates for the DB2019Q3 Model
30. WAUW: Model updates for the DB2019Q3 Model
31. WWA: Model updates for the DB2019Q3 Model

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Generation Projects

1. Alamos Energy Center Unit 7 - Conventional
 - SCE
 - Capacity: 710.5 MW
 - Aggregated RES_ID: ALAMIT_2_PL1X3
 - Child RES_ID: ALAMIT_7_CTG1A (234.5 MW)
ALAMIT_7_CTG1B (234.5 MW)
ALAMIT_7_STG1S (241.5 MW)
 - POD: Alamos 230kV Bus
2. South Fork Powerhouse - Conventional
 - PG&E
 - Capacity: 2.68 MW
 - RES_ID: APLHIL_1_SFKHY1
 - POD: Apple Hill 115kV Bus
3. Solar Plant Cuyama - Solar
 - PG&E
 - Capacity: 3 MW
 - RES_ID: CUYAMA_6_CUYSR1
 - POD: Cuyama 70kV Bus
4. Gateway Energy Storage - Non-Generation
 - SDGE
 - Capacity: 250 MW / -250 MW
 - RES_ID: GATEWY_2_GESBT1
 - POD: Otay Mesa 230 kV
5. Huntington Beach Energy - Conventional
 - SCE
 - Capacity: 710.5 MW
 - Aggregated RES_ID: HNTGBH_2_PL1X3
 - Child RES_ID: HNTGBH_7_CTG1A (234.5 MW)
HNTGBH_7_CTG1B (234.5 MW)
HNTGBH_7_STG1S (241.5 MW)
 - POD: Ellis 230kV Bus
6. Silver Ridge Mount Signal 2 - Solar
 - SDGE
 - Capacity: 150 MW
 - RES_ID: IVSLR2_2_SM2SR1
 - POD: Imperial Valley 230kV Bus
7. Sunshine Valley Solar 1 - Solar
 - VEA
 - Capacity: 100 MW
 - RES_ID: SUNSLR_1_SSVSR1
 - POD: Valley (VEA) 138kV Bus
8. Windhub Solar A - Solar

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- SCE
 - Capacity: 20 MW
 - RES_ID: SUNSPT_2_WNASR1
 - POD: Windhub 230kV Bus
9. Avalon Hybrid Valentine Solar - Solar
- SCE
 - Capacity: 100 MW
 - RES_ID: VALTNE_2_AVASR1
 - POD: Whirlwind 230kV Bus
10. Wright Solar Freeman - Solar
- PGAE
 - Capacity: 200 MW
 - RES_ID: WRGTSR_2_WSF SR1
 - POD: Padre Flat Switching Station 230kV Bus
11. Magnolia Power Plant Cerritos - Dynamic
- SCE
 - Capacity: 10 MW
 - RES_ID: MAGNLA_6_CERRITOS
 - Associated CAISO Intertie ID: MARKETPLACE
12. Sunstream Solar 1 - Dynamic
- SCE
 - Capacity: 150 MW
 - RES_ID: SUNSTR_5_SS1SCEDYN
 - Associated CAISO Intertie ID: PVWEST
13. Hanford Digester Genset 3 - Decrease EMS PMax from 1.3 MW to 1.1 MW
- PGAE
 - Capacity: 1.1 MW
 - RES_ID: GUERNS_6_HD3BM3
14. Los Medanos Energy Center AGGREGATE - Decrease EMS PMax
- PGAE
 - Capacity: 580 MW
 - Child RES_ID: LMEC_1_CTG1 (from 177 MW to 172 MW)
LMEC_1_CTG2 (from 177 MW to 172 MW)
LMEC_1_STG (from 243 MW to 236 MW)
15. Grady Wind Pseudo Tie - Decrease EMS PMax from 220.5 MW to 200 MW
- SCE
 - Capacity: 200 MW
 - RES_ID: GRADYW_5_GDYWD1
 - Associated CAISO Intertie ID: WILLOWBEACH