

A	B	C	D	E	F	G	H	I	J	K	L
DG Node		DG in Base Portfolio	WDAT/Rule 21 non-		Existing non-NEM DG		2015 Unassigned PDGD	Total Additional DG Modeled	Total DG Deliverable	2015-16 PDGD	Notes
Substation Name	Transmission Level kV		EO	FC	EO	FC					
7TH STANDARD	115	8.46	2.00	0.00	0.00	20.00	0.00	8.46	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Semitropic 115 kV Bus Section D-E tie breaker CB 152 to 1113 AAC
AGNEW	115	1.94	0.00	0.00	0.00	0.00	1.90	1.94	0.84	1.90	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
AIRWAYS	115	9.54	0.00	0.00	1.00	0.00	0.00	10.54	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
ALHAMBRA	115	0.00	0.00	0.00	0.00	0.00	0.00	5.17	2.24	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
ALMADEN	60	6.33	0.00	0.00	0.00	0.00	6.33	6.33	5.13	6.33	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
ALPAUGH	115	3.83	0.00	0.00	0.00	0.00	0.00	3.83	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Semitropic 115 kV Bus Section D-E tie breaker CB 152 to 1113 AAC
ALTO	60	0.00	0.00	0.00	0.00	0.00	0.00	3.65	1.58	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
AMES	115	0.00	0.00	0.00	0.55	0.00	0.30	5.74	4.18	0.55	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
ANDERSON	60	0.00	0.36	0.00	0.00	0.00	0.00	3.53	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
ANGIOLA	70	0.00	0.00	0.00	0.00	0.00	0.00	3.67	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
ANITA	60	0.00	0.00	0.00	0.00	0.00	0.00	2.04	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
ANNAPOLIS	60	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.09	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
ANTELOPE	70	0.00	0.00	0.00	0.00	0.00	0.00	6.34	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Add new ARCO 230/70 kV bank
APPLE HILL	115	0.00	2.68	0.00	0.00	0.00	2.68	3.06	2.06	2.68	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
ARBUCKLE	60	0.00	0.00	0.00	0.00	0.00	0.00	5.39	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
ARCATA	60	0.00	0.00	0.00	0.00	0.00	0.00	5.76	0.00	0.00	Add one new 420/462 MVA 230/115 kV transformer Panoche Transformer #4 and upgrade bus/equipment of Panoche 230/115 kV Transformer Bank 1 to utilize full 420/462 MVA rating
ARVIN	70	0.00	0.00	0.00	0.00	0.00	0.00	2.72	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade - Reconductor 15.51 mi of Wheeler Ridge-Casa Loma 230 kV Line
ASHLAN	230	25.67	0.00	0.00	0.00	0.00	0.00	25.67	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
ATWATER	115	0.00	0.00	0.00	0.00	0.00	0.00	34.20	0.00	0.00	Constrained By Cluster 9 Phase 1 upgrade (Add new Panoche 230 /115 kV T/F bank)
AUBERRY	70	0.00	1.75	0.00	0.00	0.00	0.00	3.58	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line

A	B	C	D	E	F	G	H	I	J	K	L
DG Node		DG in Base Portfolio	WDAT/Rule 21 non-		Existing non-NEM DG		2015 Unassigned PDGD	Total Additional DG Modeled	Total DG Deliverable	2015-16 PDGD	Notes
Substation Name	Transmission Level kV		EO	FC	EO	FC					
AUBURN	60	0.00	0.00	0.00	0.00	0.00	0.00	1.89	1.32	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
AVENA	115	0.00	0.00	0.00	0.00	0.00	0.00	14.13	0.00	0.00	Constrained by Vierra - Tracy - Kasson 115 kV line overload
BAHIA	230	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.20	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
BAIR	115	0.00	0.00	0.00	0.00	0.00	0.00	9.42	6.87	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
BAKERSFIELD	230	24.31	0.00	0.00	0.00	1.40	1.40	24.31	24.31	24.31	Fully Deliverable
BALFOUR	60	0.00	0.00	0.00	0.00	0.00	0.00	4.36	1.89	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
BANGOR	60	0.00	0.00	0.00	0.00	0.00	0.00	6.76	4.93	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
BANTA	60	0.00	0.00	0.00	0.00	0.00	0.00	1.66	0.00	0.00	Constrained by Vierra - Tracy - Kasson 115 kV line overload
BARRY	60	0.00	0.00	0.00	0.00	0.00	0.00	1.91	1.39	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
BARTON	115	18.68	0.00	0.00	0.00	0.00	0.00	18.68	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
BASALT	60	0.00	0.00	0.00	0.07	0.00	0.00	2.42	1.05	0.07	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload and Conditional on participation in Q258 RAS)
BAY MEADOWS	115	0.00	0.02	0.00	0.00	0.00	0.02	8.20	5.98	0.02	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
BAYWOOD	70	0.00	0.00	0.00	0.00	0.00	0.00	2.38	2.38	0.00	No DG in Base Portfolio or WDAT queue (EO)
BEAR VALLEY	70	0.00	0.00	0.00	0.00	0.00	0.00	1.92	0.00	0.00	Constrained By Cluster 9 Phase 1 upgrade (Add new Panoche 230 /115 kV T/F bank)
BELL	115	0.00	0.00	0.00	0.00	0.00	0.00	12.49	8.78	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
BELL HAVEN	60	0.00	0.10	0.00	0.00	0.00	0.00	6.58	4.79	0.10	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
BELLEVUE	115	0.00	0.00	0.00	0.00	0.00	0.00	4.86	2.11	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
BELMONT	115	0.00	0.00	0.00	1.45	0.00	1.40	2.58	1.88	1.45	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
BEN LOMOND	115	5.69	0.00	0.00	0.00	0.00	5.69	5.69	0.00	5.69	PDGD= 2016 Unassigned(Constrained by Metcalf-Morgan hill 115 kV overload)
BIG LAGOON	60	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Add one new 420/462 MVA 230/115 kV transformer Panoche Transformer #4 and Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-bus/equipment of Panoche 230/115 kV Transformer Bank 1 to utilize full 420/462 MVA rating

A	B	C	D	E	F	G	H	I	J	K	L
DG Node		DG in Base Portfolio	WDAT/Rule 21 non-		Existing non-NEM DG		2015 Unassigned PDGD	Total Additional DG Modeled	Total DG Deliverable	2015-16 PDGD	Notes
Substation Name	Transmission Level kV		EO	FC	EO	FC					
BIG MEADOWS	60	0.00	0.00	0.00	0.00	0.00	0.00	2.90	1.26	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
BIG RIVER	12.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	No DG in base portfolio or WDAT
BIOLA	70	7.39	1.95	0.00	0.00	0.00	0.00	7.39	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
BLACKWELL	70	1.05	0.00	0.00	0.00	12.00	0.00	1.05	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Add new ARCO 230/70 kV bank
BLUE LAKE	60	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	Add one new 420/462 MVA 230/115 kV transformer Panoche Transformer #4 and upgrade bus/equipment of Panoche 230/115 kV Transformer Bank 1 to utilize full 420/462 MVA rating
BOGUE	115	0.00	0.00	0.00	0.00	0.00	0.00	12.33	9.00	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
BOLINAS	60	0.00	0.00	0.00	0.00	0.00	0.00	1.12	0.49	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
BONITA	70	0.00	0.00	0.00	0.00	0.00	0.00	3.06	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
BONNIE NOOK	60	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.21	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
BORDEN	70	0.00	0.00	0.00	0.00	0.00	0.00	6.48	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
BORONDA	60	0.00	0.00	0.00	0.00	0.00	0.00	3.52	0.00	0.00	Constrained by Metcalf-Morgan hill 115 kV overload.
BOWLES	70	6.69	0.00	0.00	0.00	0.00	0.00	6.69	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
BRENTWOOD	230	0.00	1.40	0.00	0.00	0.00	0.00	18.12	7.86	1.40	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
BRIDGEVILLE	115	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor ~22 mi of Mercy Springs-Panoche #2 230 kV Line with 795 ACSS
BRITTON	115	12.35	0.00	0.00	0.05	0.00	12.35	12.40	9.72	12.35	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
BROWNS VALLEY	60	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.59	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
BRUNSWICK	115	0.00	1.44	0.00	0.74	0.00	0.00	9.62	7.02	2.18	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload and Conditional on participation in Drum-Sierra Pacific RAS)
BUENA VISTA	60	8.43	0.00	0.00	0.00	0.00	8.43	8.43	0.00	8.43	PDGD= 2016 Unassigned(Constrained by Metcalf-Morgan hill 115 kV overload)
BULLARD	115	17.02	0.00	0.00	0.00	0.00	0.00	34.83	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line

A	B	C	D	E	F	G	H	I	J	K	L
DG Node		DG in Base Portfolio	WDAT/Rule 21 non-		Existing non-NEM DG		2015 Unassigned PDGD	Total Additional DG Modeled	Total DG Deliverable	2015-16 PDGD	Notes
Substation Name	Transmission Level kV		EO	FC	EO	FC					
BURLINGAME	115	0.00	0.01	0.00	0.00	0.00	0.00	0.93	0.68	0.01	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
BURNEY	60	0.00	0.33	0.00	0.00	0.00	0.00	0.49	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
BUTTE	60	0.00	0.00	0.00	0.00	0.00	0.00	11.70	5.08	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
CABRILLO	115	0.00	0.00	99.00	0.00	0.00	0.00	0.00	0.00	0.00	No DG in Base Portfolio or WDAT queue (EO)
CAL WATER	115	4.37	0.00	0.00	0.00	0.00	0.00	4.37	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 Proposed upgrade-Loop Midway-Wheeler Ridge #1 230 kV Line into Q946 SS
CALAVERAS CEMENT	60	0.00	1.40	0.00	0.00	0.00	0.00	2.30	0.00	0.00	Constrained by Warnerville-Wilson 230 kV line overload
CALFLAX	70	5.24	0.00	0.00	0.00	0.00	0.00	5.24	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
CALIFORNIA AVE	115	7.22	0.00	0.00	0.00	0.00	0.00	7.22	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
CALISTOGA	60	0.00	0.00	0.00	0.85	0.00	0.86	0.86	0.37	0.86	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
CAMPHORA	60	1.52	0.00	0.00	0.00	0.00	1.52	1.52	0.00	1.52	PDGD= 2016 Unassigned(Constrained by Metcalf-Morgan hill 115 kV overload)
CANAL	70	0.00	0.00	0.00	0.00	0.00	0.00	14.21	0.00	0.00	Constrained By Cluster 9 Phase 1 upgrade (Add new Panoche 230 /115 kV T/F bank)
CANTUA	115	17.54	0.00	0.00	0.00	0.00	0.00	17.54	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
CAPAY	60	0.00	0.00	0.33	0.00	0.00	0.00	2.62	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
CARBONA	60	0.00	0.00	0.00	0.00	0.00	0.00	5.90	0.00	0.00	Constrained by Vierra - Tracy - Kasson 115 kV line overload
CARLOTTA	60	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	Add one new 420/462 MVA 230/115 kV transformer Panoche Transformer #4 and upgrade bus/equipment of Panoche 230/115 kV Transformer Bank 1 to utilize full 420/462 MVA rating
CARNERAS	70	3.61	0.00	0.00	0.00	0.00	0.00	3.61	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Add new ARCO 230/70 kV bank
CARQUINEZ	115	0.00	0.00	0.00	0.00	0.00	0.00	2.29	0.99	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
CASTRO VALLEY	230	0.00	0.14	0.00	1.40	0.00	1.40	11.10	8.10	1.54	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
CASTROVILLE	115	20.73	3.20	0.00	1.43	0.00	17.16	22.16	0.00	17.16	PDGD= 2016 Unassigned(Constrained by Metcalf-Morgan hill 115 kV overload)
CATLETT	60	0.00	0.00	0.00	0.00	0.00	0.00	3.66	2.66	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
CAYETANO	230	0.00	3.00	0.00	0.04	4.31	0.00	24.76	18.14	3.04	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
CAYUCOS	70	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Reconductor Gates-Coalinga #2 70 kV Line

A	B	C	D	E	F	G	H	I	J	K	L
DG Node		DG in Base Portfolio	WDAT/Rule 21 non-		Existing non-NEM DG		2015 Unassigned PDGD	Total Additional DG Modeled	Total DG Deliverable	2015-16 PDGD	Notes
Substation Name	Transmission Level kV		EO	FC	EO	FC					
CENTERVILLE	60	0.00	0.00	0.00	0.00	0.00	0.00	5.81	2.52	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
CHALLENGE	60	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.46	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
CHANNEL	60	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.27	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
CHARCA	115	5.67	0.00	0.00	0.00	0.00	0.00	5.67	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Semitropic 115 kV Bus Section D-E tie breaker CB 152 to 1113 AAC
CHENEY	115	5.42	0.00	0.00	0.00	0.00	0.00	5.42	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
CHEROKEE	60	0.00	0.00	0.00	0.00	0.00	0.00	6.63	4.11	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
CHESTER	60	0.00	3.00	0.00	0.00	0.00	0.00	3.00	1.30	1.30	Constrained by Tesla - Westley 230 kV line overload
CHICO STATION A	60	0.00	0.00	0.00	0.00	0.00	0.00	9.46	4.10	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
CHICO STATION B	115	0.00	0.00	0.00	0.36	0.00	0.36	4.51	1.96	0.36	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
CHOWCHILLA	115	0.00	0.91	0.00	0.00	0.00	0.00	4.55	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
CLARK ROAD	60	0.00	0.00	0.00	0.00	0.00	0.00	4.68	2.03	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
CLARKSVILLE	115	0.00	0.00	2.66	0.00	0.00	0.00	38.19	26.10	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
CLAY	60	0.00	0.45	0.00	0.00	0.00	0.00	3.88	0.00	0.00	Constrained by Warnerville-Wilson 230 kV line overload
CLAYTON	115	0.00	0.00	0.00	0.00	0.00	0.00	10.70	4.64	0.00	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
CLEAR LAKE	60	0.00	3.03	0.21	0.00	0.00	2.19	3.03	0.00	2.19	PDGD = unassigned (Constrained by Rount MT 500/230 kV Bank # 1)
CLOVERDALE	115	0.00	1.00	0.00	0.52	0.97	0.00	3.68	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
CLOVIS	115	0.00	0.00	0.00	0.00	0.00	0.00	11.19	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
COALINGA NO.2	70	11.37	0.00	0.00	0.00	0.00	0.00	11.37	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
COARSEGOLD	115	6.75	0.00	0.00	0.00	0.00	0.00	6.75	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
COLONY	60	0.00	0.00	0.00	0.00	0.00	0.00	1.46	0.94	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
COLUMBIA HILL	60	0.00	0.00	0.00	0.00	0.00	0.00	1.79	1.30	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)

A	B	C	D	E	F	G	H	I	J	K	L
DG Node		DG in Base Portfolio	WDAT/Rule 21 non-		Existing non-NEM DG		2015 Unassigned PDGD	Total Additional DG Modeled	Total DG Deliverable	2015-16 PDGD	Notes
Substation Name	Transmission Level kV		EO	FC	EO	FC					
COLUMBUS	115	11.00	0.00	0.00	0.00	0.00	0.00	11.00	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 Proposed upgrade-Loop Midway-Wheeler Ridge #1 230 kV Line into Q946 SS
COLUSA	60	0.00	0.05	0.00	10.68	0.00	0.00	18.86	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
Contra Costa	60	0.00	0.00	0.00	0.00	0.00	0.00	28.64	12.43	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
COPUS	70	0.00	0.00	0.00	0.00	0.00	0.00	8.49	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 Proposed upgrade-Loop Midway-Wheeler Ridge #1 230 kV Line into Q946 SS
CORCORAN	115	0.00	3.03	0.00	0.00	32.00	0.00	8.02	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
CORDELIA	115	0.00	0.00	0.00	0.02	0.00	0.00	7.39	3.21	0.02	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload and Conditional on participation in Q258 RAS)
CORNING	60	0.00	1.05	1.75	0.00	0.50	0.00	7.90	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
CORONA	115	0.00	0.00	0.00	0.00	0.00	0.00	14.47	6.28	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
CORRAL	60	0.00	3.60	0.00	0.65	4.35	0.00	7.23	0.00	0.00	Constrained by Warnerville-Wilson 230 kV line overload
COTATI	60	0.00	0.00	0.00	0.00	0.00	0.00	7.21	3.13	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
COTTLE	230	0.00	0.00	0.00	0.00	0.00	0.00	16.10	0.00	0.00	Constrained by Warnerville-Wilson 230 kV line overload
COTTONWD	60	0.00	0.00	0.00	0.00	0.00	0.00	10.72	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
COUNTRY CLUB	60	0.00	0.00	0.00	0.00	0.00	0.00	3.42	2.08	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
COVELO	60	0.00	0.00	0.00	0.00	0.00	0.00	1.91	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
CRESSEY	115	0.00	0.00	0.00	0.00	0.00	0.00	21.07	0.00	0.00	Constrained By Cluster 9 Phase 1 upgrade (Add new Panoche 230 /115 kV T/F bank)
CROWS LANDING	60	0.00	0.00	0.00	0.00	0.00	0.00	1.58	0.00	0.00	Constrained by Vierra - Tracy - Kasson 115 kV line overload
CURTIS	115	0.00	0.00	0.00	0.00	0.00	0.00	11.13	0.00	0.00	Constrained by Vierra - Tracy - Kasson 115 kV line overload
DAIRYLAND	115	0.00	2.30	0.00	0.00	0.00	0.00	10.49	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
DAIRYVILLE	60	0.00	0.00	0.00	0.00	0.00	0.00	2.94	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
DALY CITY	115	0.00	0.00	0.00	1.60	0.00	1.60	16.01	11.70	1.60	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
DAVIS	115	0.00	0.00	0.00	2.00	0.00	0.00	47.48	35.07	2.00	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload and Conditional on participation in Q258 RAS)
DEEPWATER	115	0.00	0.00	0.00	0.00	0.00	0.00	4.60	3.35	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
DEL MONTE	115	9.54	0.00	0.00	0.00	0.00	9.54	9.54	0.00	9.54	PDGD= 2016 Unassigned(Constrained by Metcalf-Morgan hill 115 kV overload)
DELMAR	60	0.00	0.00	0.00	0.00	0.32	0.00	26.03	18.40	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
DESCHUTES	60	0.00	0.00	0.00	0.00	0.00	0.00	11.33	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1

A	B	C	D	E	F	G	H	I	J	K	L
DG Node		DG in Base Portfolio	WDAT/Rule 21 non-		Existing non-NEM DG		2015 Unassigned PDGD	Total Additional DG Modeled	Total DG Deliverable	2015-16 PDGD	Notes
Substation Name	Transmission Level kV		EO	FC	EO	FC					
DIAMOND SPRINGS	115	0.00	2.28	0.00	0.01	0.00	0.01	8.58	5.79	2.29	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
DIVIDE	70	0.00	0.00	0.00	0.00	0.00	0.00	1.81	1.81	0.00	No DG in Base Portfolio or WDAT queue (EO)
DIXON	115	0.00	0.02	0.00	0.00	0.00	0.00	10.77	4.67	0.02	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload and Conditional on participation in Drum-Sierra Pacific RAS)
DIXON LANDING	115	0.00	23.75	0.00	0.00	1.60	22.50	23.75	18.67	22.50	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
DOBBINS	60	0.00	0.00	0.00	0.00	0.00	0.50	0.50	0.36	0.50	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
DOLAN ROAD	115	0.00	0.00	0.00	0.00	0.00	0.00	1.83	0.00	0.00	Constrained by Metcalf-Morgan hill 115 kV overload.
DOS PALOS	70	0.00	0.00	0.00	0.00	0.00	0.00	4.10	0.00	0.00	Constrained By Cluster 9 Phase 1 upgrade (Add new Panoche 230 /115 kV T/F bank)
DUMBARTON	115	0.00	0.00	0.00	0.00	0.00	0.00	16.19	7.03	0.00	Behind Metcalf-Morgan hill 115 kV overload.
DUNBAR	60	0.00	0.00	0.00	0.00	0.00	0.00	9.36	4.06	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
DUNNIGAN	60	0.00	0.00	0.00	0.00	0.00	0.00	4.60	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
EAST GRAND	115	0.00	0.00	0.00	0.05	0.00	7.25	23.98	17.57	7.25	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
EAST MARYSVILLE	115	0.00	0.00	0.00	0.00	0.00	0.00	3.70	2.69	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
EAST NICOLAUS	60	0.00	0.00	0.00	0.00	0.00	0.00	8.13	5.93	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
EAST QUINCY	60	0.00	0.00	0.00	0.00	0.00	0.00	1.08	0.47	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
EAST STOCKTON	60	0.00	0.00	0.00	0.00	0.00	0.00	8.82	5.48	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
EEL RIVER	60	0.00	0.00	0.00	0.00	0.00	0.00	6.31	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor ~22 mi of Mercy Springs-Panoche #2 230 kV Line with 795 ACSS
EIGHT MILE	230	0.00	0.00	0.00	0.00	0.00	0.00	18.60	11.10	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
EL CAPITAN	115	0.00	0.75	0.00	1.50	0.00	0.00	7.70	0.00	0.00	Constrained By Cluster 9 Phase 1 upgrade (Add new Panoche 230 /115 kV T/F bank)
EL CERRITO, G	115	0.00	0.00	0.00	0.00	0.00	0.00	7.87	3.41	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
EL PATIO	115	12.85	0.00	0.00	0.00	0.00	12.80	12.85	10.08	12.80	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
EL PECO	70	0.00	0.00	0.00	0.00	0.00	0.00	4.27	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line

A	B	C	D	E	F	G	H	I	J	K	L
DG Node		DG in Base Portfolio	WDAT/Rule 21 non-		Existing non-NEM DG		2015 Unassigned PDGD	Total Additional DG Modeled	Total DG Deliverable	2015-16 PDGD	Notes
Substation Name	Transmission Level kV		EO	FC	EO	FC					
ELECTRA	60	0.00	0.50	0.00	0.00	0.00	0.50	0.50	0.00	0.50	PDGD = unassigned (Constrained by Warnerville-Wilson 230 kV line overload)
ELK	12.47	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
ELK CREEK	60	0.00	0.00	0.00	0.00	0.00	0.00	1.53	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
ELK HILLS	70	0.00	3.00	0.00	1.50	0.00	0.00	4.50	4.50	4.50	PDGD=WDAT EO+ Existing EO
ESQUON	60	0.00	0.00	0.00	0.00	0.00	0.00	3.25	1.41	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
EVERGREEN	60	9.71	0.00	0.00	0.00	0.00	9.70	9.71	7.87	9.70	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
FAIRHAVEN	60	0.00	0.00	0.00	0.00	0.00	0.00	0.88	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Add one new 420/462 MVA 230/115 kV transformer Panoche Transformer #4 and Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-bus/equipment of Panoche 230/115 kV Transformer Bank 1 to utilize full 420/462 MVA rating
FAIRVIEW	115	0.00	0.00	0.00	0.00	0.00	0.00	8.43	3.66	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
FIGARDEN	230	12.25	0.00	0.00	0.00	0.00	0.00	12.25	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
FIREBAUGH	115	0.00	0.00	0.00	0.00	0.00	0.00	9.82	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
FITCH MOUNTAIN	60	0.00	0.00	0.00	0.00	0.00	0.00	1.81	0.79	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
FLINT	115	0.00	0.00	0.00	0.00	0.00	0.00	3.05	2.14	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
FMC	115	11.71	0.00	0.00	0.00	0.00	11.70	11.71	9.18	11.70	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
FORESTHILL	60	0.00	0.00	0.00	0.00	0.00	0.00	3.10	1.35	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
FORT BRAGG, A	60	0.00	0.00	0.00	0.00	0.00	0.00	3.90	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
FORT ORD	60	0.00	0.00	0.00	0.00	0.00	0.00	2.82	0.00	0.00	Constrained by Metcalf-Morgan hill 115 kV overload.
FORT ROSS	60	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.18	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
FRANKLIN	60	0.00	0.00	0.00	0.00	0.00	0.00	6.78	2.94	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
FREMONT	115	0.00	0.00	0.00	0.00	0.00	0.00	9.70	4.21	0.00	Behind Metcalf-Morgan hill 115 kV overload.
FRENCH CAMP	60	0.00	0.00	0.00	0.00	0.00	0.00	7.39	4.59	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
FROGTOWN	115	0.00	0.00	0.00	0.00	0.00	0.00	1.73	0.00	0.00	Constrained by Vierra - Tracy - Kasson 115 kV line overload
FRUITVALE	70	10.08	0.00	0.00	0.00	0.00	0.00	10.08	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 Proposed upgrade-Loop Midway-Wheeler Ridge #1 230 kV Line into Q946 SS

A	B	C	D	E	F	G	H	I	J	K	L
DG Node		DG in Base Portfolio	WDAT/Rule 21 non-		Existing non-NEM DG		2015 Unassigned PDGD	Total Additional DG Modeled	Total DG Deliverable	2015-16 PDGD	Notes
Substation Name	Transmission Level kV		EO	FC	EO	FC					
FULTON	230	0.00	1.60	0.00	1.00	0.00	8.60	8.60	3.73	8.60	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
GABILAN	60	5.82	0.00	0.00	0.00	0.00	5.82	5.82	0.00	5.82	PDGD=2016 unassigned(Constrained by Metcalf-Morgan hill 115 kV overload)
GANSO	115	0.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Semitropic 115 kV Bus Section D-E tie breaker CB 152 to 1113 AAC
GATES 115	115	0.00	0.00	0.00	3.22	0.00	0.00	9.25	9.25	3.22	PDGD=WDAT EO+ Existing EO
GEYSERVILLE	60	0.00	0.80	0.00	0.00	0.00	0.80	8.16	3.54	0.80	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
GIFFEN	70	6.37	0.00	0.00	0.00	0.00	0.00	6.37	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
GIRVAN	60	0.00	0.75	0.00	0.00	0.00	0.00	4.08	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
GLENWOOD	60	1.13	0.00	0.00	0.00	0.00	1.10	1.13	0.82	1.10	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
GOLDTREE	115	0.00	4.50	0.00	0.00	0.00	0.00	4.50	4.50	4.50	PDGD=WDAT EO + Existing EO
GONZALES	60	6.84	0.00	0.00	0.01	1.42	5.41	6.85	0.00	5.41	PDGD= 2016 Unassigned(Constrained by Metcalf-Morgan hill 115 kV overload)
GOOSE LAKE	115	2.71	0.00	10.00	0.00	15.00	0.00	0.00	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Semitropic 115 kV Bus Section D-E tie breaker CB 152 to 1113 AAC
GRANT	115	0.00	0.07	0.00	0.00	0.00	0.00	16.01	11.70	0.07	Behind Metcalf-Morgan hill 115 kV overload.
GRASS VALLEY	60	0.00	0.00	0.00	0.00	0.00	0.00	8.06	5.87	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
GREEN VALLEY	115	16.49	0.00	0.00	0.00	0.00	16.49	16.49	0.00	16.49	PDGD= 2016 Unassigned(Constrained by Metcalf-Morgan hill 115 kV overload)
GREENBRAE	60	0.00	0.00	0.00	0.26	0.00	0.26	5.67	2.46	0.26	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
GUALALA	60	0.00	0.00	0.00	0.00	0.00	0.00	3.27	1.42	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
GUERNSEY	70	5.61	0.00	0.00	0.00	0.00	0.00	5.61	5.61	5.61	Fully Deliverable
GUSTINE	60	0.00	0.00	0.00	0.00	0.00	0.00	4.67	0.00	0.00	Constrained by Vierra - Tracy - Kasson 115 kV line overload
HALSEY	60	0.00	0.00	0.00	0.00	0.00	0.00	17.11	12.05	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
HAMILTON BRANCH	2.4	0.00	0.00	0.00	0.00	0.00	0.00	1.01	0.44	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
HAMILTON STATION	60	0.00	0.00	0.00	0.00	0.00	0.00	1.41	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
HAMMER	60	0.00	0.00	0.00	0.00	0.00	0.00	5.16	2.88	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)

A	B	C	D	E	F	G	H	I	J	K	L
DG Node		DG in Base Portfolio	WDAT/Rule 21 non-		Existing non-NEM DG		2015 Unassigned PDGD	Total Additional DG Modeled	Total DG Deliverable	2015-16 PDGD	Notes
Substation Name	Transmission Level kV		EO	FC	EO	FC					
HAMMONDS	115	6.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
HARDWICK	70	0.00	0.00	0.00	0.72	0.00	0.00	1.28	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
HARRIS	60	0.00	0.00	0.00	0.00	0.00	0.00	4.17	0.00	0.00	Add one new 420/462 MVA 230/115 kV transformer Panoche Transformer #4 and upgrade bus/equipment of Panoche 230/115 kV Transformer Bank 1 to utilize full 420/462 MVA rating
HARTER	60	0.00	0.00	0.00	0.00	0.00	0.00	6.75	4.92	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
HARTLEY	60	0.00	0.00	0.00	0.00	0.00	0.00	1.23	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
HENRIETTA	70	0.00	10.00	0.00	3.50	0.00	0.00	13.50	13.50	13.50	PDGD=WDAT EO+ Existing EO
HERDLYN	60	0.00	0.00	0.00	0.00	0.00	0.00	3.94	3.94	0.00	No DG in base portfolio or WDAT
HIGGINS	115	0.00	0.00	0.00	0.21	0.35	0.00	6.25	4.55	0.21	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
HIGHLANDS	115	0.00	0.00	0.00	0.00	0.00	0.00	8.05	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
HIGHWAY	115	0.00	1.20	0.00	0.00	0.00	0.20	31.71	13.76	1.20	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
HOLLISTER	115	0.00	0.00	0.00	1.50	1.50	1.51	1.51	0.00	1.51	PDGD= 2016 Unassigned(Constrained by Metcalf-Morgan hill 115 kV overload)
Homestea	60	0.80	0.00	0.00	0.00	0.00	0.66	0.80	0.35	0.66	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload) (SVP node)
HONCUT	115	0.00	0.00	0.00	0.00	0.25	0.00	7.32	5.34	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
HORSESHOE	115	0.00	0.00	0.00	0.00	0.00	0.00	12.46	8.76	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
HUM BAY	60	0.00	0.00	0.00	0.00	0.00	0.00	2.02	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor ~22 mi of Mercy Springs-Panoche #2 230 kV Line with 795 ACSS
HURON	70	3.98	0.00	0.00	0.00	0.00	0.00	3.98	0.00	0.00	Constrained By Cluster 9 Phase 1 upgrade (Add new Panoche 230 /115 kV T/F bank)
IGNACIO	115	0.00	0.06	0.00	0.00	0.00	0.60	3.69	1.60	0.60	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
IONE	60	0.00	0.00	0.00	0.00	0.00	0.00	5.91	0.00	0.00	Constrained by Warnerville-Wilson 230 kV line overload
JACINTO	60	0.00	0.45	0.00	0.00	0.00	0.00	8.73	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
JACOBS CORNER	70	5.21	1.88	0.00	0.00	0.00	0.00	5.21	5.21	5.21	Fully Deliverable
JAMESON	115	0.00	0.00	0.00	2.14	0.00	0.00	16.79	7.29	2.14	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload and Conditional on participation in Q258 RAS)
JANES CREEK	60	0.00	1.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor ~22 mi of Mercy Springs-Panoche #2 230 kV Line with 795 ACSS

A	B	C	D	E	F	G	H	I	J	K	L
DG Node		DG in Base Portfolio	WDAT/Rule 21 non-		Existing non-NEM DG		2015 Unassigned PDGD	Total Additional DG Modeled	Total DG Deliverable	2015-16 PDGD	Notes
Substation Name	Transmission Level kV		EO	FC	EO	FC					
JARVIS	115	0.00	0.00	0.00	0.05	0.00	0.00	17.60	7.64	0.05	Behind Metcalf-Morgan hill 115 kV overload.
JESSUP	115	0.00	0.00	0.00	0.00	0.25	0.00	10.94	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
KANAKA	115	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.33	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
KERMAN	70	0.00	0.00	0.00	3.00	0.00	0.00	8.07	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
KERN OIL	115	38.89	0.00	0.00	0.00	0.00	0.00	38.89	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Semitropic 115 kV Bus Section D-E tie breaker CB 152 to 1113 AAC
KERN PP	115	16.92	0.00	0.00	0.00	0.00	0.00	16.92	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 Proposed upgrade-Loop Midway-Wheeler Ridge #1 230 kV Line into Q946 SS
KESWICK	60	0.00	0.00	0.00	0.00	0.00	0.00	1.31	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
KING CTY	60	8.13	0.00	0.00	0.00	0.00	0.00	8.13	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
KINGSBURG	115	19.31	0.00	0.00	3.75	0.00	0.00	23.06	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
KIRKER	115	0.00	1.23	0.00	0.00	0.00	0.00	2.02	0.88	0.88	Constrained by Tesla - Westley 230 kV line overload
KONOCTI	60	0.00	0.00	0.00	0.00	0.00	0.00	3.04	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
LAKEVIEW	70	13.16	0.00	18.00	0.00	0.00	0.00	0.00	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade - Reconductor 15.51 mi of Wheeler Ridge-Casa Loma 230 kV Line
LAKEVILLE	115	0.00	0.99	0.00	0.00	0.00	0.99	5.58	2.42	0.99	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
LAKEWOOD	115	0.00	0.00	0.00	0.00	0.00	0.00	5.74	2.49	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
LAMMERS	115	0.00	0.00	0.00	0.02	0.00	0.02	12.17	0.00	0.02	PDGD = unassigned (Constrained by Vierra - Tracy - Kasson 115 kV line overload)
LAMONT	115	19.79	0.00	0.00	0.00	0.00	4.50	19.79	0.00	4.50	PDGD= 2016 UnAssigned(Constrained by proposed Cluster 9 Phase 1 upgrade Proposed Reconductor Magunden-Casa Loma 115 kV Line)
LAS GALLINAS A	115	0.00	0.00	0.00	1.00	0.00	1.00	4.42	1.92	1.00	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
LAS POSITAS	230	0.00	0.00	0.00	0.00	0.00	0.00	14.52	10.59	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
LAURELES	60	2.77	0.00	0.00	0.00	0.00	2.77	2.77	0.00	2.77	PDGD= 2016 Unassigned(Constrained by Metcalf-Morgan hill 115 kV overload)
LAWRENCE	115	18.42	0.00	0.00	0.05	0.00	18.47	18.47	14.50	18.47	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
LAYTONVILLE	60	0.00	0.00	0.00	0.00	0.00	0.00	1.32	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
LEMOORE	70	11.32	0.00	0.00	0.00	0.00	0.00	11.32	11.32	11.32	Fully Deliverable

A	B	C	D	E	F	G	H	I	J	K	L
DG Node		DG in Base Portfolio	WDAT/Rule 21 non-		Existing non-NEM DG		2015 Unassigned PDGD	Total Additional DG Modeled	Total DG Deliverable	2015-16 PDGD	Notes
Substation Name	Transmission Level kV		EO	FC	EO	FC					
LERDO	115	7.72	0.00	0.00	0.00	0.00	0.00	7.72	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Semitropic 115 kV Bus Section D-E tie breaker CB 152 to 1113 AAC
LINCOLN	115	0.00	2.30	0.00	0.00	0.00	2.30	23.85	16.84	2.30	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
LIVE OAK	60	0.00	0.50	0.00	0.00	1.25	0.00	9.40	6.86	0.50	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
LIVERMORE	60	0.00	0.00	0.00	0.00	0.00	0.00	6.41	2.78	0.00	Behind Metcalf-Morgan hill 115 kV overload.
LIVINGSTON JCT	115	0.00	0.00	0.00	0.00	0.00	0.00	13.64	0.00	0.00	Constrained By Cluster 9 Phase 1 upgrade (Add new Panoche 230 /115 kV T/F bank)
LLAGAS	115	8.03	20.20	0.00	0.00	0.00	8.23	20.20	16.95	16.95	Constrained by Tesla - Westley 230 kV line overload
Lockeford	60	0.00	0.00	0.00	0.00	0.00	0.00	14.11	9.17	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
LOCKEFORD	115	0.00	1.82	1.00	0.00	2.50	1.80	1.82	0.00	1.80	PDGD = unassigned (Constrained by Warnerville-Wilson 230 kV line overload)
LOCKHEED NO.2	115	1.45	0.00	0.00	0.00	0.00	1.40	1.45	1.13	1.40	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
LODI	60	0.00	0.00	0.00	0.00	0.00	0.00	5.20	3.36	0.00	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
LONE TREE	230	0.00	0.94	0.00	0.00	0.00	0.00	15.19	6.59	0.94	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
LOS ALTOS	60	10.08	0.00	0.00	0.04	0.00	10.10	10.12	8.20	10.10	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
LOS CCHS	60	8.11	0.00	0.00	0.00	0.00	0.00	8.11	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
LOS GATOS	60	4.85	0.00	0.00	0.00	0.00	4.85	4.85	3.93	4.85	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
LOS MOLINOS	60	0.00	0.00	0.00	0.00	0.00	0.00	2.74	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
LOS OSTS	60	5.30	0.20	0.00	0.00	0.00	0.00	5.30	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
LOYOLA	60	6.60	0.00	0.00	0.00	0.00	6.60	6.60	5.35	6.60	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
LUCERNE	115	0.00	0.00	0.00	0.00	0.00	0.00	3.20	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
MABURY	115	10.53	0.00	0.00	0.00	0.00	10.50	10.53	8.25	10.50	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
MADERA	70	0.00	0.00	0.00	0.09	0.00	0.00	2.88	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
MADISON	115	0.00	0.00	0.00	0.03	0.00	0.00	12.00	5.21	0.03	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload and Conditional on participation in Q258 RAS)

A	B	C	D	E	F	G	H	I	J	K	L
DG Node		DG in Base Portfolio	WDAT/Rule 21 non-		Existing non-NEM DG		2015 Unassigned PDGD	Total Additional DG Modeled	Total DG Deliverable	2015-16 PDGD	Notes
Substation Name	Transmission Level kV		EO	FC	EO	FC					
MAGUNDEN	115	16.09	1.00	5.25	0.03	0.00	0.00	10.87	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 Proposed upgrade-Loop Midway-Wheeler Ridge #1 230 kV Line into Q946 SS
MALAGA	115	30.83	0.00	0.00	0.00	0.00	0.00	30.83	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
MANTECA	115	0.00	1.00	0.00	14.00	0.00	1.00	28.59	0.00	1.00	PDGD = unassigned (Constrained by Vierra - Tracy - Kasson 115 kV line overload)
MAPLE CREEK	60	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor ~22 mi of Mercy Springs-Panoche #2 230 kV Line with 795 ACSS
MARICOPA	70	2.77	0.00	0.00	0.00	0.00	0.00	2.77	2.77	2.77	Fully Deliverable
MARIPOSA	70	0.00	0.00	0.00	0.00	0.00	0.00	9.26	0.00	0.00	Constrained By Cluster 9 Phase 1 upgrade (Add new Panoche 230 /115 kV T/F bank)
MARKHAM	115	0.26	0.00	0.00	0.00	0.00	0.26	0.26	0.20	0.26	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
MARTELL	60	0.00	0.00	0.00	0.00	0.00	0.00	10.63	0.00	0.00	Constrained by Warnerville-Wilson 230 kV line overload
MARYSVILLE	60	0.00	0.00	0.00	0.00	0.00	0.00	6.11	4.45	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
MAXWELL	60	0.00	0.00	0.00	0.00	0.00	0.00	4.40	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
MC ARTHUR	60	0.00	0.00	0.00	1.50	0.00	0.00	2.83	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
MC KEE	115	3.01	1.16	0.00	0.00	0.00	3.00	3.01	2.35	3.00	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
MCCALL	115	12.32	0.00	0.00	0.00	0.00	0.00	12.32	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
McFarland	115	2.96	0.00	18.30	0.00	0.00	0.00	0.00	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Semitropic 115 kV Bus Section D-E tie breaker CB 152 to 1113 AAC
MCMULLIN	230	11.12	1.03	0.00	0.00	0.00	0.00	11.12	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
MEADOW LANE	115	0.00	0.00	0.00	0.02	0.00	0.02	1.68	0.73	0.02	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
MENDOCINO	60	0.00	0.00	0.00	0.00	0.00	0.00	2.03	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
MENDOTA	115	27.26	0.84	0.00	5.00	0.00	0.00	32.26	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
MENLO	60	0.00	0.00	0.00	0.00	0.00	0.00	0.99	0.72	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
MERCED	70	0.00	0.00	0.00	0.00	0.00	0.00	4.94	0.00	0.00	Constrained By Cluster 9 Phase 1 upgrade (Add new Panoche 230 /115 kV T/F bank)
MERIDIAN	60	0.00	0.00	0.00	0.00	0.00	0.00	4.63	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
METTLER	60	0.00	0.00	0.00	0.30	0.00	0.30	3.64	2.14	0.30	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)

A	B	C	D	E	F	G	H	I	J	K	L
DG Node		DG in Base Portfolio	WDAT/Rule 21 non-		Existing non-NEM DG		2015 Unassigned PDGD	Total Additional DG Modeled	Total DG Deliverable	2015-16 PDGD	Notes
Substation Name	Transmission Level kV		EO	FC	EO	FC					
MIDDLE RIVER	60	0.00	0.00	0.00	0.00	0.00	0.00	1.05	1.05	0.00	No DG in base portfolio or WDAT
MIDDLETOWN	60	0.00	0.00	0.00	0.00	0.00	0.00	3.75	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
MIDWAY	115	3.78	0.00	0.00	0.00	0.00	0.00	3.78	3.78	3.78	Fully Deliverable
MILLBRAE	60	0.00	0.00	0.00	0.00	0.00	0.00	6.39	4.66	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
MILPITAS	115	0.00	0.02	0.00	0.00	0.00	0.02	30.59	24.09	0.02	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
MOLINO	60	0.00	0.00	0.00	0.20	0.00	0.20	5.75	2.50	0.20	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
MONROE	115	0.00	0.00	0.00	0.02	0.00	0.02	15.17	6.58	0.02	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
MONTAGUE	115	8.98	0.00	0.00	0.13	0.00	9.08	9.10	3.95	9.08	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
MONTE RIO	60	0.00	0.00	0.00	0.00	0.00	0.00	1.17	0.51	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
MONTICELLO	115	0.00	0.00	0.00	0.00	0.00	0.00	1.48	0.64	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
MORAGA	115	0.00	0.00	0.00	0.00	0.00	0.00	2.80	1.21	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
MORGAN HILL	115	8.63	1.24	0.00	0.11	0.00	8.74	8.74	7.32	8.74	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
MORMON	60	0.00	0.00	0.00	0.00	0.00	0.00	16.34	10.18	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
MOUNTAIN QUARRIE	60	0.00	0.00	0.00	0.00	0.00	0.00	5.44	3.82	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
MOUNTAIN VIEW	115	0.10	0.02	0.00	0.02	0.00	0.10	0.12	0.10	0.10	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
MT. EDEN	115	0.00	0.00	0.00	4.59	0.00	5.00	31.93	23.46	5.00	Behind Metcalf-Morgan hill 115 kV overload.
NAPA	60	0.00	0.00	0.00	0.00	0.00	0.00	5.11	2.22	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
NARROWS	60	0.00	0.00	0.00	0.00	0.00	0.00	7.02	5.12	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
NEWARK	230	0.00	0.00	0.00	0.00	0.00	0.00	65.45	48.65	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
NEWARK	115	0.00	0.45	0.00	3.05	0.00	0.02	3.50	1.52	1.52	Constrained by Tesla - Westley 230 kV line overload
NEWBURG	60	0.00	0.00	0.00	0.00	0.00	0.00	2.93	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Add one new 420/462 MVA 230/115 kV transformer Panoche Transformer #4 and Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-bus/equipment of Panoche 230/115 kV Transformer Bank 1 to utilize full 420/462 MVA rating

A	B	C	D	E	F	G	H	I	J	K	L
DG Node		DG in Base Portfolio	WDAT/Rule 21 non-		Existing non-NEM DG		2015 Unassigned PDGD	Total Additional DG Modeled	Total DG Deliverable	2015-16 PDGD	Notes
Substation Name	Transmission Level kV		EO	FC	EO	FC					
NEWHALL	115	0.00	0.00	0.00	0.00	0.00	0.00	2.46	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
NEWMAN	60	0.00	0.00	0.00	0.00	0.00	0.00	4.16	0.00	0.00	Constrained by Vierra - Tracy - Kasson 115 kV line overload
NORCO	115	3.35	0.00	0.00	0.00	0.00	0.00	3.35	3.35	3.35	Fully Deliverable
NORD	115	0.00	0.00	0.00	0.00	0.00	0.00	19.34	8.39	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
NORTECH	115	1.80	0.00	0.00	0.02	0.00	1.80	1.81	0.79	1.80	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
NORTH BRANCH	60	0.00	0.00	0.00	0.00	0.00	0.00	2.90	0.00	0.00	Constrained by Warnerville-Wilson 230 kV line overload
NORTH DUBLIN	230	0.00	0.00	0.00	0.02	0.00	0.00	0.07	0.05	0.02	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
NORTH TOWER	115	0.00	0.00	0.00	0.00	0.00	0.00	4.06	1.76	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
NOTRE DAME	115	0.00	0.00	0.00	0.00	0.00	0.00	10.09	4.38	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
NOVATO	60	0.00	2.07	3.93	0.00	0.00	0.99	5.88	2.55	2.07	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
OAKHURST	115	0.00	0.00	0.00	0.00	0.00	0.00	6.89	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
OAKLAND L	115	0.00	0.00	0.00	4.50	0.00	4.50	4.50	1.95	4.50	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
OCEAN AVE	115	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.61	0.00	No DG in Base Portfolio or WDAT queue (EO)
OILFIELDS	60	3.69	0.00	0.00	0.00	0.00	0.00	3.69	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
OLD RIVER	70	0.00	2.15	4.85	1.00	2.00	0.00	3.15	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 Proposed upgrade-Loop Midway-Wheeler Ridge #1 230 kV Line into Q946 SS
OLEMA	60	0.00	0.00	0.00	0.00	0.08	0.00	3.51	1.52	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
OLETA	60	0.00	0.00	0.00	0.00	0.00	0.00	5.05	3.40	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
OLIVEHURST	115	0.00	1.70	0.00	0.00	0.25	1.45	6.78	4.94	1.70	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
OREGON TRAIL	60	0.00	0.00	0.00	0.00	0.00	0.00	3.98	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
ORLAND STATION B	60	0.00	0.00	0.00	0.00	1.52	0.00	1.43	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
ORO LOMA	70	0.00	20.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	Constrained By Cluster 9 Phase 1 upgrade (Add new Panoche 230 /115 kV T/F bank)
OROVILLE	60	0.00	3.30	0.00	0.00	0.00	0.00	7.62	3.31	3.30	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
ORTIGA	70	0.00	3.01	0.00	0.00	0.00	0.00	3.29	0.00	0.00	Constrained By Cluster 9 Phase 1 upgrade (Add new Panoche 230 /115 kV T/F bank)

A	B	C	D	E	F	G	H	I	J	K	L
DG Node		DG in Base Portfolio	WDAT/Rule 21 non-		Existing non-NEM DG		2015 Unassigned PDGD	Total Additional DG Modeled	Total DG Deliverable	2015-16 PDGD	Notes
Substation Name	Transmission Level kV		EO	FC	EO	FC					
PACIFICA	60	0.00	0.00	0.00	0.00	0.00	0.00	1.92	1.40	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
Palm	60	1.25	0.00	0.00	0.00	0.00	1.15	1.25	0.54	1.15	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload) (SVP node)
PALO ALTO SW STA	115	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.72	1.00	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload) (NCPA node)
PANAMA	70	22.97	0.00	0.00	0.00	0.00	0.00	22.97	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 Proposed upgrade-Loop Midway-Wheeler Ridge #1 230 kV Line into Q946 SS
PANORAMA	115	0.00	0.00	0.00	0.00	0.00	0.00	14.32	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
PARADISE	115	0.00	0.00	1.50	0.00	0.00	0.00	9.94	4.31	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
PARKWAY	230	0.00	0.00	0.00	0.00	0.00	0.00	3.65	1.58	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
PARLIER	115	9.09	0.00	0.00	0.00	0.00	0.00	9.09	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
PAUL SWEET	115	12.59	0.00	0.00	6.55	0.00	19.15	19.15	0.00	19.15	PDGD= 2016 Unassigned(Constrained by Metcalf-Morgan hill 115 kV overload)
PEABODY	230	0.00	0.00	0.00	1.36	11.11	1.51	14.25	6.18	1.51	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
PEACHTON	60	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.25	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
PEASE	115	0.00	0.69	0.00	0.00	0.00	0.69	6.27	4.57	0.69	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
PENNGROVE	115	0.00	2.00	0.00	0.00	0.00	0.00	5.25	2.28	2.00	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
PENRYN	60	0.00	0.00	0.00	0.00	0.00	0.00	10.33	7.25	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
PEORIA FLAT	115	0.00	0.00	0.00	0.00	1.50	0.00	2.14	0.00	0.00	Constrained by Vierra - Tracy - Kasson 115 kV line overload
PERRY	70	0.00	0.00	0.00	0.00	0.00	0.00	1.91	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade -Reconductor 9C1229 SS-Coalinga #2
PETALUMA C	60	0.00	1.00	0.00	0.00	0.00	1.00	21.48	9.32	1.00	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
PHILO	12.47	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
PIERCY	115	0.21	0.00	0.00	0.05	0.00	0.27	0.27	0.22	0.27	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
PINEDALE	115	0.00	0.02	0.00	0.00	0.00	0.00	36.22	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
PLACER	115	0.00	0.00	0.00	0.00	0.00	0.00	7.81	5.48	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)

A	B	C	D	E	F	G	H	I	J	K	L
DG Node		DG in Base Portfolio	WDAT/Rule 21 non-		Existing non-NEM DG		2015 Unassigned PDGD	Total Additional DG Modeled	Total DG Deliverable	2015-16 PDGD	Notes
Substation Name	Transmission Level kV		EO	FC	EO	FC					
PLACERVILLE	115	0.00	0.02	0.00	1.38	0.02	0.63	10.83	7.32	1.40	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
PLAINFIELD	115	0.00	0.00	0.00	0.00	0.00	0.00	3.13	2.28	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
PLEASANT GROVE	115	0.00	0.00	0.00	3.04	5.00	0.00	21.13	14.90	3.04	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
PLUMAS	60	0.00	0.00	0.00	0.00	0.00	0.00	5.14	3.74	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
POINT MORETTI	60	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.39	0.00	No DG in Base Portfolio or WDAT queue (EO)
POINT PINOLE	115	0.00	0.00	0.00	0.00	0.00	0.00	5.46	2.37	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
POSO MOUNTAIN	115	7.39	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Semitropic 115 kV Bus Section D-E tie breaker CB 152 to 1113 AAC
Potrero	115	0.00	0.30	0.00	0.23	0.00	0.50	11.45	8.36	0.53	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
PRUNEDALE	115	0.00	0.00	0.00	0.00	0.00	0.00	1.81	0.00	0.00	Constrained by Metcalf-Morgan hill 115 kV overload.
PUEBLO	115	0.00	0.07	0.00	0.20	0.00	0.27	27.89	12.10	0.27	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
PURISIMA	115	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.17	0.00	No DG in Base Portfolio or WDAT queue (EO)
PUTAH CREEK	115	0.00	0.00	0.00	0.00	2.00	0.00	9.66	4.19	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
RACETRACK	115	0.00	0.00	0.00	0.00	0.00	0.00	9.22	0.00	0.00	Constrained by Vierra - Tracy - Kasson 115 kV line overload
RADUM	60	0.00	0.00	0.00	0.00	0.00	0.00	3.86	1.67	0.00	Behind Metcalf-Morgan hill 115 kV overload.
RAINBOW	115	5.38	0.00	0.00	0.00	0.00	0.00	5.38	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
RALSTON	60	0.00	0.00	0.00	0.00	0.00	0.00	1.60	1.25	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
RANCHERS COTTON	115	3.07	0.00	0.00	0.00	0.00	0.00	3.07	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
RED BLUFF	60	0.00	1.45	0.00	0.00	0.50	0.00	9.97	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
REDBUD	115	0.00	0.00	0.00	0.00	0.00	0.00	2.62	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
REDWOOD CITY	60	0.00	0.00	0.00	0.03	0.00	0.03	0.14	0.10	0.03	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
RENFRO	115	15.38	0.00	0.00	0.00	0.00	0.00	15.38	15.38	15.38	Fully Deliverable
RESEARCH	230	0.00	0.00	0.00	0.02	0.00	0.02	7.95	5.80	0.02	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
RESERVATION RD	60	0.00	0.00	0.00	0.00	0.00	0.00	5.22	0.00	0.00	Constrained by Metcalf-Morgan hill 115 kV overload.
RESERVE	70	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line

A	B	C	D	E	F	G	H	I	J	K	L
DG Node		DG in Base Portfolio	WDAT/Rule 21 non-		Existing non-NEM DG		2015 Unassigned PDGD	Total Additional DG Modeled	Total DG Deliverable	2015-16 PDGD	Notes
Substation Name	Transmission Level kV		EO	FC	EO	FC					
RICE	60	0.00	0.00	0.00	0.00	0.00	0.00	3.04	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
RICHMOND	60	0.00	0.00	0.00	0.00	0.00	0.00	13.77	5.98	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
RICHMOND R	115	0.00	1.26	10.50	2.28	0.00	3.50	3.54	1.54	3.50	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
RIO BRAVO	115	7.24	0.00	0.00	0.00	0.00	0.00	7.24	7.24	7.24	Fully Deliverable
RIO DELL	60	0.00	0.00	0.00	0.00	0.00	0.00	1.78	0.00	0.00	Add one new 420/462 MVA 230/115 kV transformer Panoche Transformer #4 and upgrade bus/equipment of Panoche 230/115 kV Transformer Bank 1 to utilize full 420/462 MVA rating
RIPON	115	0.00	0.00	95.00	0.00	0.00	0.00	0.00	0.00	0.00	Constrained by Vierra - Tracy - Kasson 115 kV line overload
RISING RIVER	60	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
RIVERBANK	115	0.00	2.80	0.00	1.00	0.00	1.00	34.61	0.00	1.00	PDGD = unassigned (Constrained by Vierra - Tracy - Kasson 115 kV line overload)
ROB ROY	115	0.00	0.00	0.00	0.01	0.00	0.01	3.45	0.00	0.01	PDGD= 2016 Unassigned(Constrained by Metcalf-Morgan hill 115 kV overload)
ROCKLIN	60	0.00	0.00	0.00	0.00	0.00	0.00	7.60	5.33	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
ROSEDALE	115	1.09	0.00	0.00	0.00	0.00	0.00	1.09	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 Proposed upgrade-Loop Midway-Wheeler Ridge #1 230 kV Line into Q946 SS
SALINAS	115	12.67	0.00	0.00	0.00	0.00	12.67	12.67	0.00	12.67	PDGD= 2016 Unassigned(Constrained by Metcalf-Morgan hill 115 kV overload)
SALMON CREEK	60	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.28	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
SAN ARDO	60	2.86	0.00	0.00	0.00	0.00	0.00	2.86	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
SAN BERNARD	70	0.00	0.00	0.00	0.00	0.00	0.00	2.18	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade - Reconductor 15.51 mi of Wheeler Ridge-Casa Loma 230 kV Line
SAN CARLOS	60	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.06	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
SAN FRAN X (MISSION)	115	0.00	0.23	0.00	0.36	0.00	0.60	0.60	0.43	0.60	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
SAN FRAN Y (LARKIN)	12	0.00	9.70	0.00	0.55	0.00	10.10	10.25	7.48	10.10	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
SAN JOAQUIN	70	0.00	1.50	0.00	0.00	0.00	0.00	3.56	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
SAN JOSE A	115	1.54	0.00	0.00	0.32	0.00	1.86	1.86	1.45	1.86	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
SAN LEANDRO	115	0.00	0.00	0.00	0.00	0.00	0.00	12.16	5.28	0.00	Behind Metcalf-Morgan hill 115 kV overload.
SAN MATEO	115	0.00	0.00	0.00	0.00	0.00	0.00	2.36	1.72	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)

A	B	C	D	E	F	G	H	I	J	K	L
DG Node		DG in Base Portfolio	WDAT/Rule 21 non-		Existing non-NEM DG		2015 Unassigned PDGD	Total Additional DG Modeled	Total DG Deliverable	2015-16 PDGD	Notes
Substation Name	Transmission Level kV		EO	FC	EO	FC					
SAN PABLO	115	0.00	0.00	0.00	0.02	0.00	0.02	11.85	5.14	0.02	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
SAN RAFAEL	115	0.00	0.95	0.00	1.05	0.00	1.20	16.54	7.18	2.00	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
SAN RAMON	60	0.00	0.00	0.00	0.00	0.00	0.00	13.65	5.92	0.00	Behind Metcalf-Morgan hill 115 kV overload.
SAND CREEK	70	0.00	0.00	0.00	0.00	0.00	0.00	1.77	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
SANGER	115	26.35	0.00	0.00	0.00	0.00	0.00	26.35	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
SANTA NELLA	70	0.00	0.00	0.00	0.00	0.00	0.00	3.77	3.77	0.00	No DG in Base Portfolio or WDAT queue (EO)
SANTA ROSA A	115	0.00	0.02	0.00	1.60	0.00	1.60	16.51	7.16	1.62	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
SANTA YNEZ	115	0.00	0.00	0.00	0.03	0.00	0.00	3.50	3.50	0.03	PDGD=WDAT EO + Existing EO
SARATOGA	230	2.51	0.00	0.00	0.00	0.11	2.39	2.51	2.10	2.39	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
SAUSALITO	60	0.00	0.00	0.00	0.00	0.00	0.00	1.20	0.52	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
SCHINDLER	115	9.45	1.60	0.00	0.00	30.00	0.00	9.45	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
Serra	60	0.30	0.00	0.00	0.00	0.00	0.10	0.30	0.13	0.13	Constrained by Tesla - Westley 230 kV line overload (SVP node)
SHADY GLEN	60	0.00	0.00	0.00	0.00	0.00	0.00	2.58	1.12	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
SHAFTER	115	9.22	0.00	0.00	0.00	0.00	0.00	9.22	9.22	9.22	Fully Deliverable
SHINGLE SPRINGS	115	0.00	0.00	0.00	0.00	0.00	0.00	10.70	7.23	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
SILVERADO	115	0.00	0.00	0.00	0.00	0.00	0.00	22.47	9.75	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
SMYRNA	115	0.00	1.00	2.00	0.00	0.00	0.00	8.02	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Semitropic 115 kV Bus Section D-E tie breaker CB 152 to 1113 AAC
SOBRANTE	115	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.07	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
SOLEDAD 115	115	8.22	3.00	0.00	0.00	0.00	8.22	8.22	0.00	8.22	PDGD= 2016 Unassigned(Constrained by Metcalf-Morgan hill 115 kV overload)
SONOMA	115	0.00	0.00	0.00	0.00	0.00	4.00	6.81	2.96	4.00	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
SPENCE	60	12.77	0.00	0.00	0.00	0.00	12.77	12.77	0.00	12.77	PDGD= 2016 Unassigned(Constrained by Metcalf-Morgan hill 115 kV overload)
STAFFORD	60	0.00	0.99	0.00	0.00	0.00	1.40	2.53	1.10	1.40	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)

A	B	C	D	E	F	G	H	I	J	K	L
DG Node		DG in Base Portfolio	WDAT/Rule 21 non-		Existing non-NEM DG		2015 Unassigned PDGD	Total Additional DG Modeled	Total DG Deliverable	2015-16 PDGD	Notes
Substation Name	Transmission Level kV		EO	FC	EO	FC					
STANISLAUS	115	0.00	3.00	0.00	0.00	0.00	0.00	3.16	0.00	0.00	Constrained by Vierra - Tracy - Kasson 115 kV line overload
STATION A EUREKA	60	0.00	0.00	0.00	0.00	0.00	0.00	3.06	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor ~22 mi of Mercy Springs-Panoche #2 230 kV Line with 795 ACSS
STATION D	115	0.00	1.14	0.00	0.60	0.00	1.60	15.81	6.86	1.74	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
STATION E EUREKA	60	0.00	0.00	0.00	0.00	0.00	0.00	7.04	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor ~22 mi of Mercy Springs-Panoche #2 230 kV Line with 795 ACSS
STATION H	115	0.00	0.00	0.00	4.51	0.00	4.50	12.08	8.82	4.51	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
STATION I	115	0.00	0.00	0.00	1.00	0.00	1.00	8.85	3.84	1.00	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
STATION J	115	0.00	0.00	0.00	0.00	0.00	0.00	27.84	12.08	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
STILLWATER STATION	60	0.00	0.00	0.00	0.00	0.00	0.00	7.81	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
STOCKDALE	230	9.43	0.00	0.00	0.00	0.00	0.00	9.43	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 Proposed upgrade-Loop Midway-Wheeler Ridge #1 230 kV Line into Q946 SS
STOCKTON STATION A	115	0.00	0.00	0.00	0.00	0.00	0.00	9.43	0.00	0.00	Constrained by Warnerville-Wilson 230 kV line overload
STOREY	230	0.00	0.00	0.00	0.00	0.00	0.00	15.96	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
STROUD	70	4.93	0.00	0.00	0.00	0.00	0.00	4.93	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
SUISUN	115	0.00	0.00	0.00	0.00	0.00	0.00	7.76	3.37	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
SUNOL	60	0.00	0.00	0.00	0.00	0.00	0.00	3.98	1.73	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
SWIFT	115	1.98	0.00	0.00	4.80	0.00	6.78	6.78	5.49	6.78	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
SYCAMORE CREEK	115	0.00	0.00	0.00	0.00	0.00	0.05	18.30	7.94	0.05	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
TAFT	115	7.17	0.00	0.00	0.00	0.00	0.00	7.17	7.17	7.17	Fully Deliverable
TASSAJARA	230	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	Constrained by Tesla - Westley 230 kV line overload
TEJON	70	6.27	0.00	0.00	0.25	0.00	0.00	6.52	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade - Reconductor 15.51 mi of Wheeler Ridge-Casa Loma 230 kV Line
TEMBLOR	115	3.57	0.00	0.00	0.00	0.00	0.00	3.57	3.57	3.57	Fully Deliverable
Tevis	115	10.05	0.00	0.00	0.00	0.00	0.00	10.05	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 Proposed upgrade-Loop Midway-Wheeler Ridge #1 230 kV Line into Q946 SS
TIVY VALLEY	70	7.47	0.00	0.00	0.00	0.00	0.00	7.47	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line

A	B	C	D	E	F	G	H	I	J	K	L
DG Node		DG in Base Portfolio	WDAT/Rule 21 non-		Existing non-NEM DG		2015 Unassigned PDGD	Total Additional DG Modeled	Total DG Deliverable	2015-16 PDGD	Notes
Substation Name	Transmission Level kV		EO	FC	EO	FC					
TRACY	115	0.00	0.00	0.00	0.00	0.00	0.00	8.33	0.00	0.00	Constrained by Bellota-Riverbank-Melones 115 kV line overload
TRES VIAS	60	0.00	0.25	0.00	0.00	0.00	0.25	4.85	2.10	0.25	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
TRINIDAD	60	0.00	0.00	0.00	0.00	0.00	0.00	1.16	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor ~22 mi of Mercy Springs-Panoche #2 230 kV Line with 795 ACSS
TUDOR	60	0.00	0.00	0.00	0.00	0.00	0.00	2.03	1.48	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
TULUCAY	60	0.00	0.00	0.00	1.20	0.00	0.00	3.96	1.72	1.20	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload and Conditional on participation in Q258 RAS)
TUPMAN	115	7.24	0.20	0.00	0.00	0.60	0.00	7.24	7.24	7.24	Fully Deliverable
TWISSELMAN	70	0.00	0.00	0.00	0.00	21.50	0.00	2.46	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Add new ARCO 230/70 kV bank
TYLER	60	0.00	0.00	0.00	0.00	0.25	0.00	3.84	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
UKIAH	115	0.00	0.00	0.00	0.00	0.00	0.00	5.54	5.54	0.00	No DG in Base Portfolio or WDAT queue (EO)
UPPER LAKE	60	0.00	0.00	0.00	0.00	0.00	0.00	2.43	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
Uranium	60	0.40	0.00	0.00	0.00	0.00	0.24	0.40	0.17	0.24	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload) (SVP node)
VACA DIXON	115	0.00	6.85	0.00	2.44	2.50	0.00	12.34	5.35	5.35	Constrained by Tesla - Westley 230 kV line overload and Conditional on participation in Q258 RAS
VALLEY HOME	115	0.00	0.00	0.00	0.00	0.00	0.00	5.01	0.00	0.00	Constrained by Vierra - Tracy - Kasson 115 kV line overload
VALLEY VIEW	115	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.24	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
VASCO	60	0.00	0.00	0.00	0.00	0.00	0.00	3.53	2.57	0.00	Behind Metcalf-Morgan hill 115 kV overload.
VASONA	230	0.12	2.00	0.00	0.00	0.00	0.12	2.00	1.67	1.67	Constrained by Tesla - Westley 230 kV line overload
VICTOR	60	0.00	0.00	0.00	0.00	0.00	0.00	11.38	7.38	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
VIERRA	115	0.00	2.34	0.00	0.00	0.00	2.30	19.42	0.00	2.30	PDGD = unassigned (Constrained by Vierra - Tracy - Kasson 115 kV line overload)
VINEYARD	230	0.00	0.90	0.00	0.00	0.00	0.00	8.02	5.85	0.90	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
WASCO	115	6.43	0.00	0.00	0.00	0.00	0.00	6.43	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Semitropic 115 kV Bus Section D-E tie breaker CB 152 to 1113 AAC
WATERLOO	60	0.00	0.00	0.00	0.00	0.00	0.00	9.27	5.76	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
WEBER	230	0.00	0.00	0.00	1.36	11.11	6.00	6.00	3.72	6.00	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
WEBER 60	60	0.00	9.70	0.00	0.00	4.20	1.80	18.13	11.31	9.70	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)

A	B	C	D	E	F	G	H	I	J	K	L
DG Node		DG in Base Portfolio	WDAT/Rule 21 non-		Existing non-NEM DG		2015 Unassigned PDGD	Total Additional DG Modeled	Total DG Deliverable	2015-16 PDGD	Notes
Substation Name	Transmission Level kv		EO	FC	EO	FC					
WEEDPATCH	70	0.00	0.54	0.00	0.00	0.00	0.00	4.68	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade - Reconductor 15.51 mi of Wheeler Ridge-Casa Loma 230 kV Line
WEIMAR	60	0.00	0.00	0.00	0.00	0.00	0.00	2.94	1.28	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
WEST SACRAMENTO	115	0.00	0.00	0.00	0.04	0.00	0.04	7.86	5.73	0.04	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
WESTLEY	60	0.00	0.00	0.00	0.00	0.00	0.00	8.45	0.00	0.00	Constrained by Vierra - Tracy - Kasson 115 kV line overload
WESTPARK	115	8.80	0.00	0.00	0.04	0.00	0.00	8.83	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 Proposed upgrade-Loop Midway-Wheeler Ridge #1 230 kV Line into Q946 SS
WHEATLAND	60	0.00	3.80	0.00	0.18	3.03	0.00	3.98	2.90	2.90	Constrained by Tesla - Westley 230 kV line overload
WHEELER RIDGE	70	7.38	0.00	0.00	0.00	0.00	0.00	7.38	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade - Reconductor 15.51 mi of Wheeler Ridge-Casa Loma 230 kV Line
WHISMAN	115	0.29	0.00	0.00	0.21	0.00	0.50	0.50	0.40	0.50	PDGD = unassigned (Constrained by Tesla - Westley 230 kV line overload)
WHITMORE	60	0.00	0.00	0.00	0.52	0.00	0.00	1.67	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
WILKINS SLOUGH	60	0.00	0.00	0.00	0.00	0.00	0.00	3.32	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
WILLIAMS	60	0.00	0.00	0.00	0.00	0.00	0.00	2.17	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
WILLITS	60	0.00	0.00	0.00	0.00	0.00	0.00	9.12	0.00	0.00	Constrained by Rount MT 500/230 kV Bank # 1
WILLOW PASS	60	0.00	0.00	0.00	0.00	0.00	0.00	1.79	0.78	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
WILSON	115	0.00	0.75	0.00	0.01	0.00	0.00	1.17	0.00	0.00	Constrained By Cluster 9 Phase 1 upgrade (Add new Panoche 230 /115 kV T/F bank)
WOODACRE	60	0.00	0.00	0.00	0.00	0.00	0.00	9.22	4.00	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
WOODLAND	115	0.00	2.00	0.00	0.00	0.00	0.40	11.75	8.58	2.00	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
WOODSIDE	60	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.48	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)
WOODWARD	115	0.00	8.00	0.00	2.00	0.00	0.00	22.90	0.00	0.00	Constrained by proposed Cluster 9 Phase 1 upgrade Proposed upgrade-Reconductor Panoche-Mercy Springs #2 230 kV Line
WYANDOTTE	115	0.00	1.00	1.75	0.00	1.50	0.00	8.19	5.97	1.00	PDGD = WDAT EO + Existing EO (Constrained by Tesla - Westley 230 kV line overload)
ZACA	115	0.00	0.00	0.00	0.00	0.00	0.00	2.47	2.47	0.00	No DG in Base Portfolio or WDAT queue (EO)
ZAMORA	115	0.00	0.00	0.00	0.00	0.00	0.00	4.93	3.59	0.00	No DG in base portfolio or WDAT (Constrained by Tesla - Westley 230 kV line overload)