Victoria Government Gazette

No. S 222 Tuesday 30 June 2009
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Energy Legislation Amendment (Australian Energy Market Operator) Act 2009

PROCLAMATION OF COMMENCEMENT

I, David de Kretser, Governor of Victoria, with the advice of the Executive Council and under section 2 of the **Energy Legislation Amendment (Australian Energy Market Operator) Act 2009**, fix 1 July 2009 as the day on which that Act comes into operation.

Given under my hand and the seal of Victoria on 30th June 2009.

(L.S.)

DAVID DE KRETSER
Governor
By His Excellency's Command
PETER BATCHELOR
Minister for Energy and Resources

Electricity Industry Act 2000

MINISTERIAL ORDER UNDER SECTION 33A

I, Peter Batchelor, Minister for Energy and Resources and Minister responsible for administering the **Electricity Industry Act 2000**, pursuant to section 33A revoke the electricity transmission licence as varied on 12 April 2005 held by VENCorp.

Dated 26 June 2009

PETER BATCHELOR MP
Minister for Energy and Resources

National Electricity (Victoria) Act 2005

MINISTERIAL ORDER UNDER SECTION 30

I, Peter Batchelor, Minister for Energy and Resources and Minister responsible for administering the **National Electricity (Victoria) Act 2005**, declare pursuant to section 30 that the declared transmission system is –

a.) the transmission system, with reference to the Victorian Region Main System Diagram T1/209/14 revision AQ dated 5 August 2008 (Schedule 1), as described in Schedule 2 and 3; and

b.) any augmentations to that transmission system as at the transition day.

In this Order:

transition day has the same meaning as it has in section 34 of the **National Electricity (Victoria) Act 2005**

Schedule 4 contains a glossary of terms used in Schedules 1, 2 and 3

Notes:

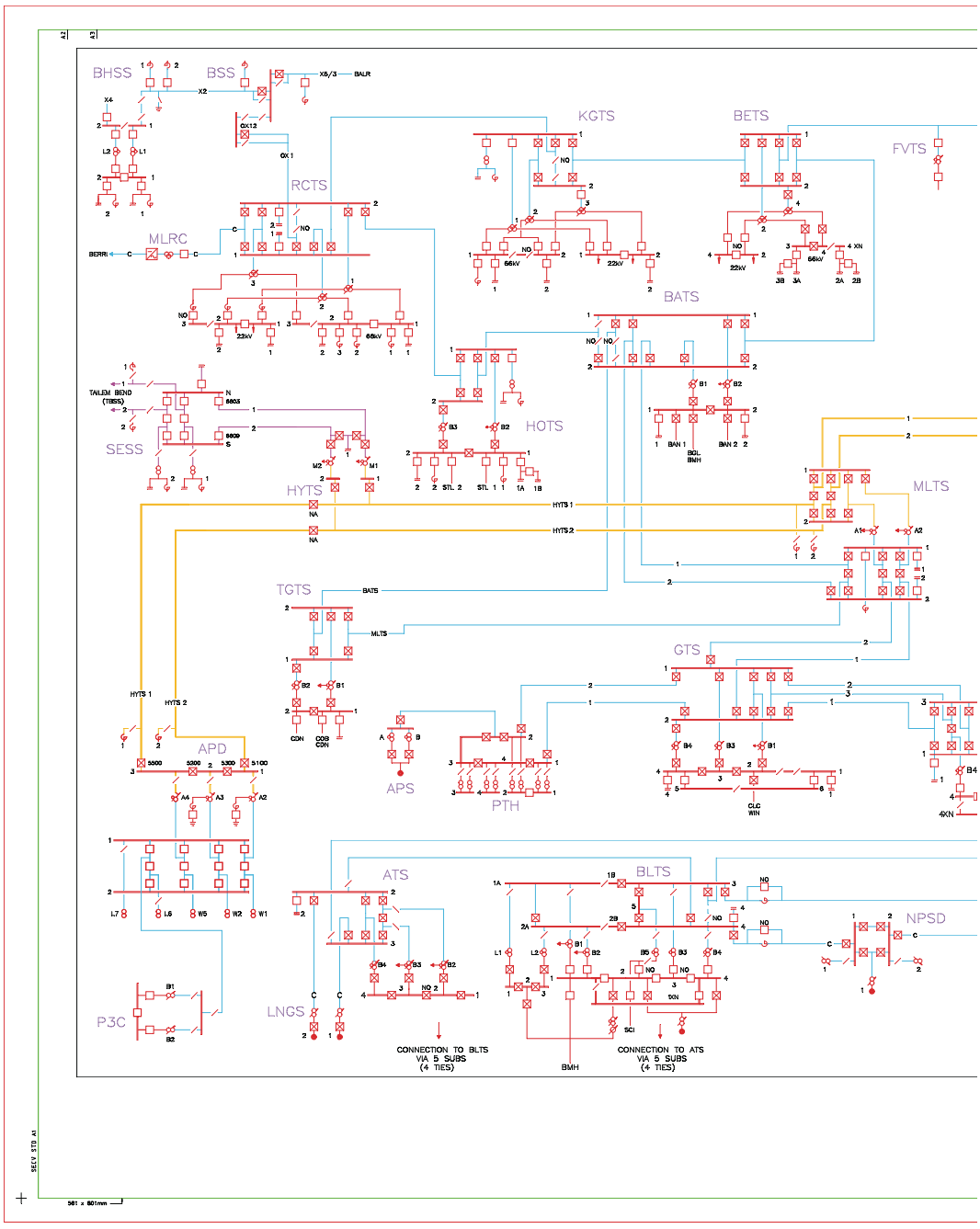
1. This definition of the declared transmission system is intended to equate to the transmission system that, immediately prior to the commencement of the **Energy Legislation (Australian Energy Market Operator) Act 2009**, was the transmission system with respect to which the AER made a transmission determination on 11 April 2008 regulating the revenues and prices of VENCorp.
2. Copies of the Victorian Region Main System Diagram may be obtained, free of charge, by contacting the company secretary of AEMO.

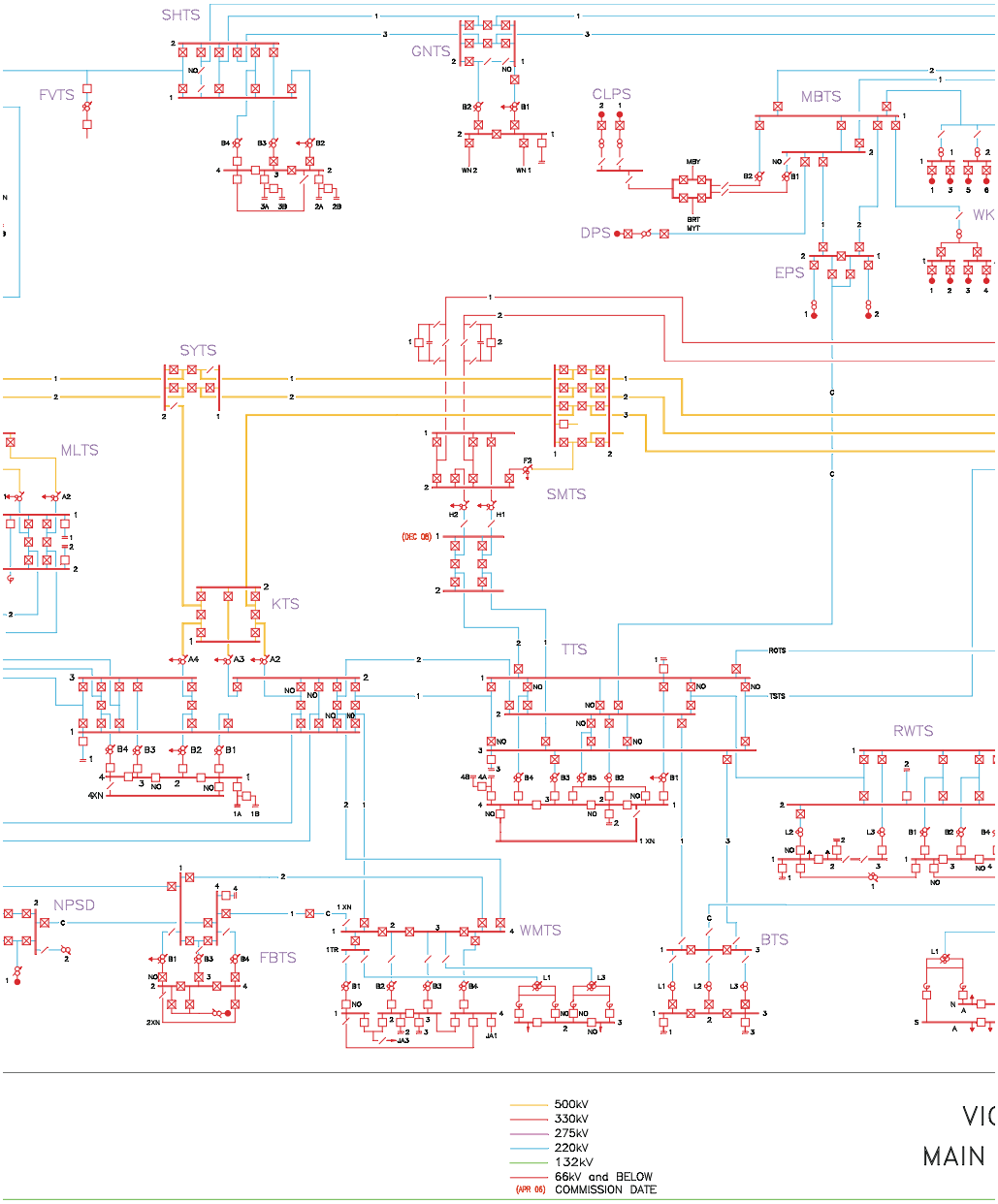
Dated 26 June 2009

PETER BATCHELOR
Minister for Energy and Resources

SPECIAL

Schedule 1 – Victorian Region Main System Diagram




SHTS
GNTS
FVTS
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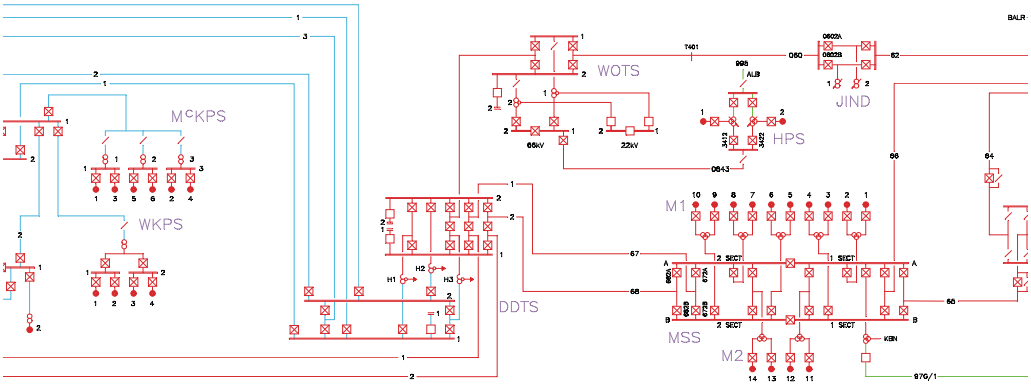
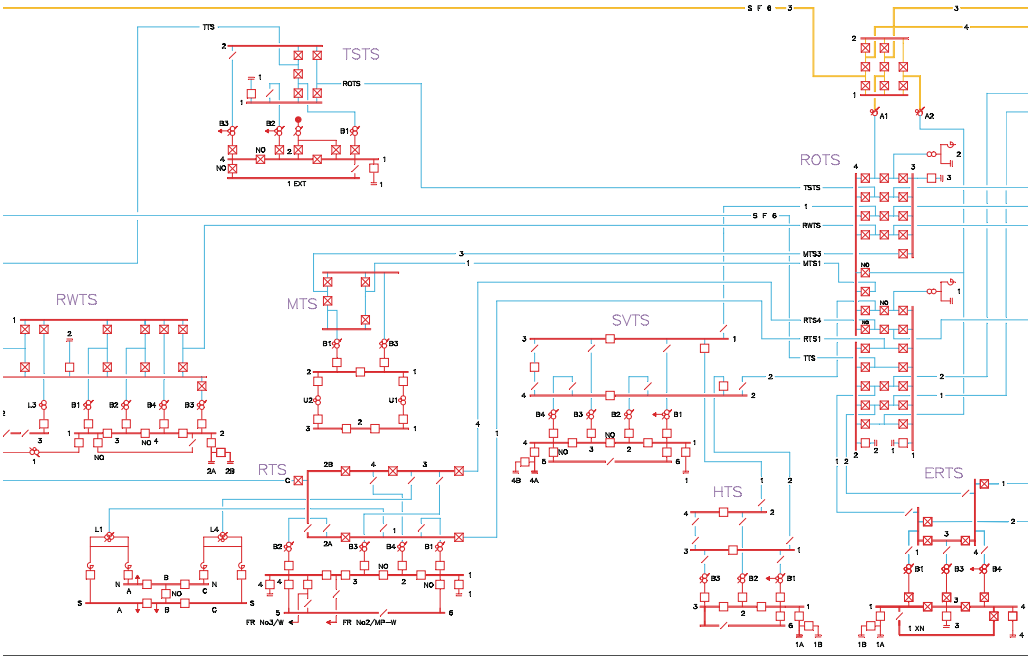
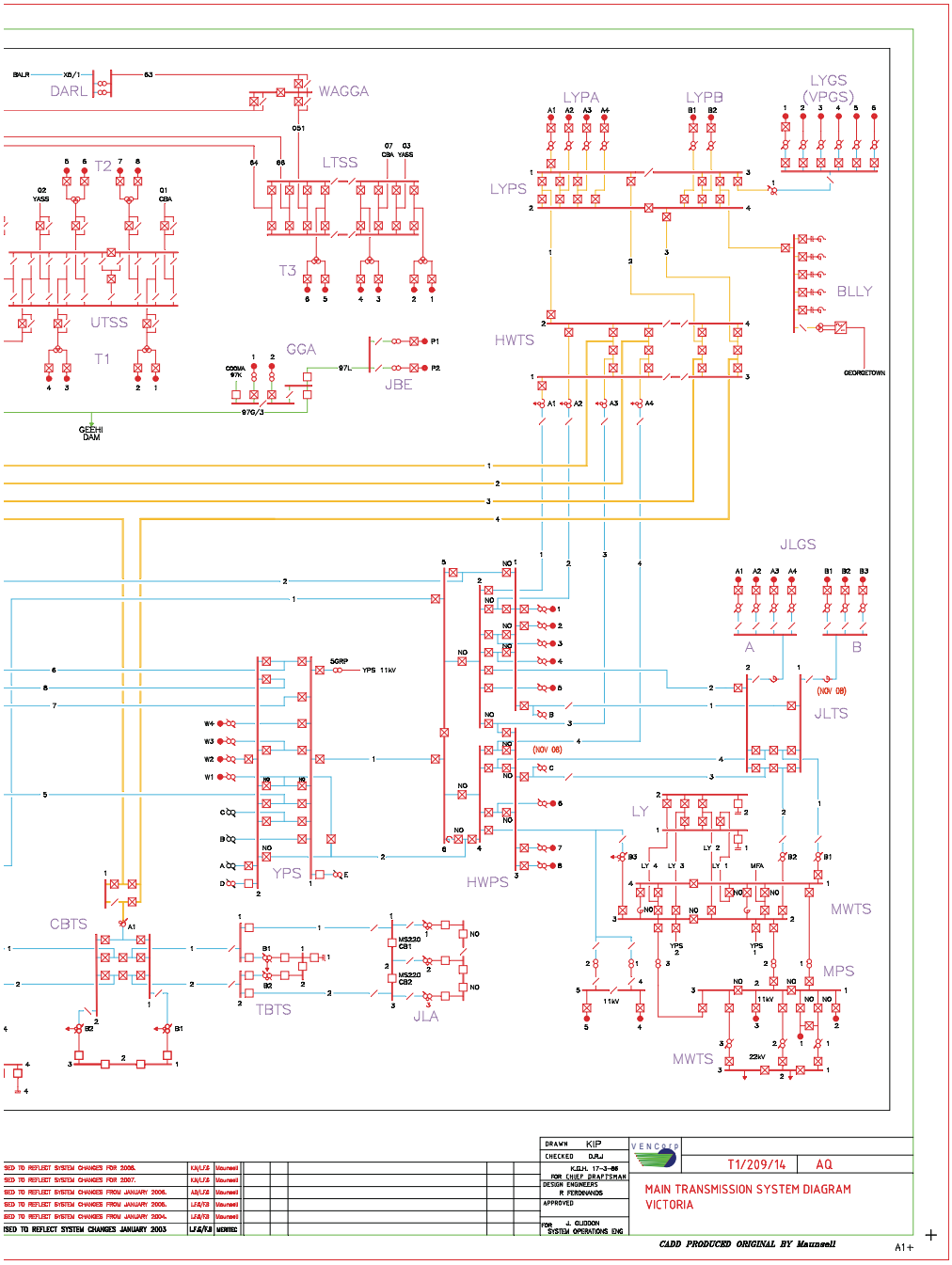
(APR 06) COMMISSION DATE
VIC
MAIN





VICTORIAN REGION
MAIN SYSTEM DIAGRAM


DARL
WAGGA
LTSS
T2
T3
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CHECKED DJRJ
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FOR CHIEF DRAFTSMAN
DESIGN ENGINEERS
R FERDINANDS
APPROVED
FOR J. GLIDDON
SYSTEM OPERATIONS ENG
VENCORP
T1/209/14 AQ
MAIN TRANSMISSION SYSTEM DIAGRAM
VICTORIA
CADD PRODUCED ORIGINAL BY Maunsell
A1+
ISED TO REFLECT SYSTEM CHANGES JANUARY 2003

SCHEDULE 2 – TRANSMISSION ASSETS

The transmission asset type identified in Column 4 and located as further described in Columns 2, 3 and 5.

Column 1 Item	*Column 2 Station*	*Column 3 Bay No*	*Column 4 Asset Type*	*Column 5 Location / Description*	*Column 6 TN or CA*
1	ATS	ATS-B2	YI, 220/66 kV 150 MVA	B2 Transformer	CA
2	ATS	ATS-B3	YI, 220/66 kV 150 MVA	B3 Transformer	CA
3	ATS	ATS-B4	YI, 220/66 kV 150 MVA	B4 Transformer	CA
4	ATS	ATS-EHV001	TL, 220kV Tee Off	BLTS Line	TN
5	ATS	ATS-EHV002	TL, 220kV Tee Off	KTS Line	TN
6	ATS	ATS-EHV003	TK, 220kV Single CB	No. 2 Cap Bank CB	TN
7	ATS	ATS-EHV004	220kV Cap Bank 200 MVar	No. 2 Cap Bank	TN
8	ATS	ATS-EHV005	TK, 220kV Single CB	LNGS No. 1	CA
9	ATS	ATS-EHV006	TK, 220kV Single CB	LNGS No. 2	CA
10	ATS	ATS-EHV007	TJ, 220kV Double CB	B4 Transformer EHVCB	CA
11	ATS	ATS-EHV008	TJ, 220kV Double CB	B4 Transformer EHVCB	CA
12	ATS	ATS-EHV009	TI, 220kV 1&1/2 CB	B3 Transformer EHVCB	CA
13	ATS	ATS-EHV010	TI, 220kV 1&1/2 CB	Shared CB	TN
14	ATS	ATS-EHV011	TI, 220kV 1&1/2 CB	B2 Transformer EHVCB	CA
15	ATS	ATS-HV001	TM, 66kV CB	B2 Transformer HVCB	CA
16	ATS	ATS-HV002	TM, 66kV CB	B3 Transformer HVCB	CA
17	ATS	ATS-HV003	TM, 66kV CB	B4 Transformer HVCB	CA
18	ATS	ATS-HV004	TM, 66kV CB	1-2 Bus Tie CB	CA
19	ATS	ATS-HV005	TM, 66kV CB	2-3 Bus Tie CB	CA
20	ATS	ATS-HV006	TM, 66kV CB	3-4 Bus Tie CB	CA
21	ATS	ATS-HV007	TM, 66kV CB	ATS SUB LVN 66kV FDR	CA
22	ATS	ATS-HV008	TM, 66kV CB	BLTS 66kV Line	CA
23	ATS	ATS-HV009	TM, 66kV CB	ATS SUB TYA 66kV FDR	CA
24	ATS	ATS-HV010	TM, 66kV CB	ATS SUB AC 66kV FDR	CA
25	ATS	ATS-HV011	TM, 66kV CB	ATS SUB SCI (Smorgans) 66kV FDR	CA
26	ATS	ATS-HV012	TM, 66kV CB	ATS Out of Service 66kV FDR	CA
27	ATS	ATS-HV013	TM, 66kV CB	ATS SUB HCP 66kV FDR	CA
28	ATS	ATS-HV014	TM, 66kV CB	ALQ 66kV FDR (Air Liquide)	CA
29	ATS	ATS-HV015	TM, 66kV CB	ATS SUB LV1 FDR	CA
30	ATS	ATS-HV016	TM, 66kV CB	ATS SUB WBE 66kV FDR	CA
31	ATS	ATS-HV017	TM, 66kV CB	ATS SUB LV2 66kV FDR	CA
32	BATS	BATS-B1	YI, 220/66 kV 150 MVA	B1 Transformer	CA
33	BATS	BATS-B2	YI, 220/66 kV 150 MVA	B2 Transformer	CA
34	BATS	BATS-EHV001	TK&TL, 220kV CB & Tee Off	TGTS line	TN
35	BATS	BATS-EHV002	TK&TL, 220kV CB & Tee Off	HOTS Line	TN

Column 1 Item	*Column 2 Station*	*Column 3 Bay No*	*Column 4 Asset Type*	*Column 5 Location / Description*	*Column 6 TN or CA*
36	BATS	BATS-EHV003	TJ&TJ, 220kV Double CB	MLTS No. 2 Line	TN
37	BATS	BATS-EHV004	TK, 220kV Single CB	MLTS No. 1 Line	TN
38	BATS	BATS-EHV005	TK, 220kV Single CB	B1 Transformer EHVCB	CA
39	BATS	BATS-EHV006	TK, 220kV Single CB	B2 Transformer EHVCB	CA
40	BATS	BATS-EHV007	TJ&TJ, 220kV Double CB	BETS Line	TN
41	BATS	BATS-HV001	TM, 66kV CB	No. 1 Cap Bank CB	TN
42	BATS	BATS-HV002	YU, 66kV Cap Bank up to 25 MVar	No. 1 Cap Bank	TN
43	BATS	BATS-HV003	TM, 66kV CB	B1 Transformer HVCB	CA
44	BATS	BATS-HV004	TM, 66kV CB	B2 Transformer HVCB	CA
45	BATS	BATS-HV005	TM, 66kV CB	No. 2 Cap Bank CB	TN
46	BATS	BATS-HV006	YU, 66kV Cap Bank up to 25 MVar	No. 2 Cap Bank	TN
47	BATS	BATS-HV007	TM, 66kV CB	1-2 Bus Tie CB	CA
48	BATS	BATS-HV008	TM, 66kV CB	BATS SUB BAS NO. 1 66kV FDR	CA
49	BATS	BATS-HV009	TM, 66kV CB	BATS SUB BAN NO. 1 66kV FDR	CA
50	BATS	BATS-HV010	TM, 66kV CB	BATS SUB BGL-BMH 66kV FDR	CA
51	BATS	BATS-HV011	TM, 66kV CB	BATS SUB BAN NO. 2 66kV FDR	CA
52	BATS	BATS-HV012	TM, 66kV CB	BATS SUB BAS NO. 2 66kV FDR	CA
53	BETS	BETS-004	YI, 220/66 kV 150 MVA	No. 4 Transformer	CA
54	BETS	BETS-02A	YJ, 220/66/22kV 75 MVA 3x1ph	No. 2A Transformer	CA
55	BETS	BETS-02B	YJ, 220/66/22kV 75 MVA 3x1ph	No. 2B Transformer	CA
56	BETS	BETS-EHV001	TJ&TJ, 220kV Double CB	KGTS Line	TN
57	BETS	BETS-EHV002	TJ&TJ, 220kV Double CB	SHTS Line	TN
58	BETS	BETS-EHV003	TK, 220kV Single CB	No. 2 Transformer EHVCB	CA
59	BETS	BETS-EHV004	TJ&TJ, 220kV Double CB	BATS Line	TN
60	BETS	BETS-EHV005	TK, 220kV Single CB	No. 4 Transformer EHVCB	CA
61	BETS	BETS-HV001	TM, 66kV CB	No. 2 Transformer HVCB	CA
62	BETS	BETS-HV002	TM, 66kV CB	No. 3A Cap Bank CB	TN
63	BETS	BETS-HV003	YU, 66kV Cap Bank up to 25 MVar	No. 3A Cap Bank	TN
64	BETS	BETS-HV004	TM, 66kV CB	No. 3B Cap Bank CB	TN
65	BETS	BETS-HV005	YU, 66kV Cap Bank up to 25 MVar	No. 3B Cap Bank	TN
66	BETS	BETS-HV006	TM, 66kV CB	3-4 Bus Tie CB	CA
67	BETS	BETS-HV007	TM, 66kV CB	No. 4 Transformer HVCB	CA
68	BETS	BETS-HV008	TM, 66kV CB	No. 2A Cap Bank CB	TN
69	BETS	BETS-HV009	YU, 66kV Cap Bank up to 25 MVar	No. 2A Cap Bank	TN

Column 1 Item	Column 2 Station	Column 3 Bay No	Column 4 Asset Type	Column 5 Location / Description	Column 6 TN or CA
70	BETS	BETS-HV010	TM, 66kV CB	No. 2B Cap Bank CB	TN
71	BETS	BETS-HV011	YU, 66kV Cap Bank up to 25 MVar	No. 2B Cap Bank	TN
72	BETS	BETS-HV012	TM, 66kV CB	BETS FB-SUB BGO 66kV FDR	CA
73	BETS	BETS-HV013	TM, 66kV CB	BETS FB-SUB CTN (Standby) 66kV FDR	CA
74	BETS	BETS-HV014	TM, 66kV CB	BETS FB-SUB MRO 66kV FDR	CA
75	BETS	BETS-HV015	TM, 66kV CB	BETS FB-SUB EHK 66kV FDR	CA
76	BETS	BETS-HV016	TM, 66kV CB	BETS FB-SUB CTN 66kV FDR	CA
77	BETS	BETS-HV017	TM, 66kV CB	BETS FB-SUB CMN 66kV FDR	CA
78	BETS	BETS-HV018	TO, 22kV CB	No. 4 Transformer HVCB	CA
79	BETS	BETS-HV019	TO, 22kV CB	2-4 Bus Tie CB	CA
80	BETS	BETS-HV020	TO, 22kV CB	No. 2 Transformer HVCB	CA
81	BLTS	BLTS-B1	YJ, 220/66/22kV 75 MVA 3x1ph	B1 Transformer	CA
82	BLTS	BLTS-B2	YJ, 220/66/22kV 75 MVA 3x1ph	B2 Transformer	CA
83	BLTS	BLTS-B3	YJ, 220/66/22kV 75 MVA 3x1ph	B3 Transformer	CA
84	BLTS	BLTS-B4	YI, 220/66 kV 150 MVA	B4 Transformer	CA
85	BLTS	BLTS-B5A	YJ, 220/66/22kV 75 MVA 3x1ph	B5A Transformer	CA
86	BLTS	BLTS-B5B	YJ, 220/66/22kV 75 MVA 3x1ph	B5B Transformer	CA
87	BLTS	BLTS-EHV001	TK, 220kV Single CB	Series Reactor CB	TN
88	BLTS	BLTS-EHV002	220kV Series Reactor (Air Cooled) 838 MVA	Series Reactor	TN
89	BLTS	BLTS-EHV003	TK, 220kV Single CB	Series Reactor CB	TN
90	BLTS	BLTS-EHV004	220kV Series Reactor (Air Cooled) 838 MVA	Series Reactor	TN
91	BLTS	BLTS-EHV005	TK, 220kV Single CB	FBTS Line	TN
92	BLTS	BLTS-EHV006	TK, 220kV Single CB	NPSD Line	TN
93	BLTS	BLTS-EHV007	TK, 220kV Single CB	KTS Line	TN
94	BLTS	BLTS-EHV008	TK, 220kV Single CB	ATS Line	TN
95	BLTS	BLTS-EHV009	TK, 220kV Single CB	2-4 Bus Tie CB	TN
96	BLTS	BLTS-EHV010	TK, 220kV Single CB	1-3 Bus Tie CB	TN
97	BLTS	BLTS-EHV011	TJ&TJ, 220kV Double CB	B5 Transformer EHVCB	CA
98	BLTS	BLTS-EHV012	TK, 220kV Single CB	No. 4 Cap Bank CB	TN
99	BLTS	BLTS-EHV013	220kV Cap Bank 200 MVar	No. 4 Cap Bank	TN
100	BLTS	BLTS-EHV014	TL, 220kV Tee Off	2-4 Bus Tie TO	TN
101	BLTS	BLTS-EHV015	TL, 220kV Tee Off	1-3 Bus Tie TO	TN
102	BLTS	BLTS-EHV016	TK, 220kV Single CB	1-2 Bus Tie CB	TN

Column 1 Item	*Column 2 Station*	*Column 3 Bay No*	*Column 4 Asset Type*	*Column 5 Location / Description*	*Column 6 TN or CA*
103	BLTS	BLTS-EHV017	TL, 220kV Tee Off	1-2 Bus Tie TO	TN
104	BLTS	BLTS-EHV018	TL, 220kV Tee Off	B1 Transformer EHVTO	CA
105	BLTS	BLTS-EHV019	TL, 220kV Tee Off	B2 Transformer EHVTO	CA
106	BLTS	BLTS-EHV020	TL, 220kV Tee Off	L1 Transformer EHVTO	CA
107	BLTS	BLTS-EHV021	TL, 220kV Tee Off	L2 Transformer EHVTO	CA
108	BLTS	BLTS-EHV022	TL, 220kV Tee Off	B3 Transformer EHVTO	CA
109	BLTS	BLTS-EHV023	TL, 220kV Tee Off	B5 Transformer EHVTO	CA
110	BLTS	BLTS-EHV024	TL, 220kV Tee Off	B4 Transformer EHVTO	CA
111	BLTS	BLTS-HV001	TM, 66kV CB	B1 Transformer HVCB	CA
112	BLTS	BLTS-HV002	TM, 66kV CB	B2 Transformer HVCB	CA
113	BLTS	BLTS-HV003	TM, 66kV CB	1-2 Bus Tie CB	CA
114	BLTS	BLTS-HV004	TM, 66kV CB	B5 Transformer HVCB	CA
115	BLTS	BLTS-HV005	TM, 66kV CB	Tie Transformer HVCB	CA
116	BLTS	BLTS-HV006	TM, 66kV CB	2-3 Bus Tie CB	CA
117	BLTS	BLTS-HV007	TM, 66kV CB	Sync Con CB	TN
118	BLTS	BLTS-HV008	TM, 66kV CB	B3 Transformer HVCB	CA
119	BLTS	BLTS-HV009	TM, 66kV CB	3-4 Bus Tie CB	CA
120	BLTS	BLTS-HV010	TM, 66kV CB	Sync Con CB	TN
121	BLTS	BLTS-HV011	TM, 66kV CB	1-4 Bus Tie CB	CA
122	BLTS	BLTS-HV012	TM, 66kV CB	B4 Transformer HVCB	CA
123	BLTS	BLTS-HV013	Sync Cond 66kV 125-0-85MVAr	Sync Con	TN
124	BLTS	BLTS-HV014	TM, 66kV CB	BLTS SUB TH NO. 2 66kV FDR	CA
125	BLTS	BLTS-HV015	TM, 66kV CB	BLTS SUB BMH 66kV FDR	CA
126	BLTS	BLTS-HV016	TM, 66kV CB	ATS Line	CA
127	BLTS	BLTS-HV017	TM, 66kV CB	BLTS SUB LVN 66kV FDR	CA
128	BLTS	BLTS-HV018	TM, 66kV CB	BLTS SUB TH NO. 1 66kV FDR	CA
129	BLTS	BLTS-HV019	TM, 66kV CB	BLTS SUB SCI 66kV FDR	CA
130	BLTS	BLTS-HV020	TM, 66kV CB	BLTS SUB TYA 66kV FDR	CA
131	BLTS	BLTS-HV021	TM, 66kV CB	BLTS SUB NT 66kV FDR	CA
132	BLTS	BLTS-HV022	TM, 66kV CB	BLTS SUB FW NO. 1 66kV FDR	CA
133	BLTS	BLTS-HV023	TM, 66kV CB	BLTS SUB AL 66kV FDR	CA
134	BLTS	BLTS-HV024	TM, 66kV CB	BLTS SUB FW NO. 2 66kV FDR	CA
135	BLTS	BLTS-HV025	TM, 66kV CB	BLTS SUB YTS 66kV FDR	CA
136	BLTS	BLTS-HV026	TO, 22kV CB	Sync Con CB	TN
137	BLTS	BLTS-HV027	TO, 22kV CB	L2 Transformer HVCB	CA
138	BLTS	BLTS-HV028	TO, 22kV CB	2-3 Bus Tie CB	CA
139	BLTS	BLTS-HV029	TO, 22kV CB	Tie Transformer HVCB	CA

Column 1 Item	Column 2 Station	Column 3 Bay No	Column 4 Asset Type	Column 5 Location / Description	Column 6 TN or CA
140	BLTS	BLTS-HV030	TO, 22kV CB	1-2 Bus Tie CB	CA
141	BLTS	BLTS-HV031	TO, 22kV CB	L1 Transformer HVCB	CA
142	BLTS	BLTS-L1	YJ, 220/66/22kV 75 MVA 4x1ph	L1 Transformer	CA
143	BLTS	BLTS-L2	YJ, 220/66/22kV 75 MVA 3x1ph	L2 Transformer	CA
144	BLTS	BLTS-PAR	XE, 22kV, 41MVA Regulator	Phase Angle Regulator	CA
145	BLTS	BLTS-TIE	XD, 66/22kV, 41-60 MVA	Tie Transformer	CA
146	BTS	BTS-EHV001	TL, 220kV Tee Off	TTS No. 3 Line	TN
147	BTS	BTS-EHV002	TL, 220kV Tee Off	RTS Line	TN
148	BTS	BTS-EHV003	TL, 220kV Tee Off	TTS No. 1 Line	TN
149	BTS	BTS-EHV004	TK, 220kV Single CB	2-3 Bus Tie CB	TN
150	BTS	BTS-EHV005	TK, 220kV Single CB	1-2 Bus Tie CB	TN
151	BTS	BTS-EHV006	TL, 220kV Tee Off	L3 Transformer EHVTO	CA
152	BTS	BTS-EHV007	TL, 220kV Tee Off	L2 Transformer EHVTO	CA
153	BTS	BTS-EHV008	TL, 220kV Tee Off	L1 Transformer EHVTO	CA
154	BTS	BTS-HV001	TO, 22kV CB	L1 Transformer HVCB	CA
155	BTS	BTS-HV002	TO, 22kV CB	L2 Transformer HVCB	CA
156	BTS	BTS-HV003	TO, 22kV CB	L3 Transformer HVCB	CA
157	BTS	BTS-HV004	TO, 22kV CB	1-2 Bus Tie CB	CA
158	BTS	BTS-HV005	TO, 22kV CB	2-3 Bus Tie CB	CA
159	BTS	BTS-HV006	TO, 22kV CB	BTS SUB C 22kV FDR	CA
160	BTS	BTS-HV007	TO, 22kV CB	BTS SUB VR 22kV FDR	CA
161	BTS	BTS-HV008	TO, 22kV CB	BTS SUB NS 22kV FDR	CA
162	BTS	BTS-HV009	TO, 22kV CB	BTS SUB F 22kV FDR	CA
163	BTS	BTS-HV010	TO, 22kV CB	BTS SUB BK 22kV FDR	CA
164	BTS	BTS-HV011	TO, 22kV CB	BTS SUB FF 22kV FDR	CA
165	BTS	BTS-HV012	TO, 22kV CB	No. 1 Cap Bank Isolating CB	TN
166	BTS	BTS-HV013	TO, 22kV CB	No. 1 Cap Bank CB	TN
167	BTS	BTS-HV014	XH, 22kV 7 - 12 MVar	No. 1 Cap Bank	TN
168	BTS	BTS-HV015	TO, 22kV CB	BTS SUB NS 22kV FDR	CA
169	BTS	BTS-HV016	TO, 22kV CB	BTS SUB FF 22kV FDR	CA
170	BTS	BTS-HV017	TO, 22kV CB	BTS SUB F 22kV FDR	CA
171	BTS	BTS-HV018	TO, 22kV CB	BTS SUB C 22kV FDR	CA
172	BTS	BTS-HV019	TO, 22kV CB	BTS SUB VR Rushall 22kV FDR	CA
173	BTS	BTS-HV020	TO, 22kV CB	BTS SUB BK 22kV FDR	CA
174	BTS	BTS-HV021	TO, 22kV CB	No. 3 Cap Bank Isolating CB	TN
175	BTS	BTS-HV022	TO, 22kV CB	No. 3 Cap Bank CB	TN
176	BTS	BTS-HV023	XH, 22kV 7 - 12 MVar	No. 3 Cap Bank	TN
177	BTS	BTS-HV024	TO, 22kV CB	BTS SUB FF 22kV FDR	CA
178	BTS	BTS-HV025	TO, 22kV CB	BTS SUB F 22kV FDR	CA
179	BTS	BTS-HV026	TO, 22kV CB	BTS SUB NS 22kV FDR	CA
180	BTS	BTS-HV027	TO, 22kV CB	BTS SUB C 22kV FDR	CA

Column 1 Item	*Column 2 Station*	*Column 3 Bay No*	*Column 4 Asset Type*	*Column 5 Location / Description*	*Column 6 TN or CA*
181	BTS	BTS-HV028	TO, 22kV CB	BTS SUB BK 22kV FDR	CA
182	BTS	BTS-L1	YJ, 220/66/22kV 75 MVA 3x1ph	L1 Transformer	CA
183	BTS	BTS-L2	YJ, 220/66/22kV 75 MVA 4x1ph	L2 Transformer	CA
184	BTS	BTS-L3	YJ, 220/66/22kV 75 MVA 3x1ph	L3 Transformer	CA
185	CBTS	CBTS-A1	YA, 500kV 1000 MVA 3x1ph Auto Tx		TN
186	CBTS	CBTS-B1	YI, 220/66 kV 150 MVA	B1 Transformer	CA
187	CBTS	CBTS-B2	YI, 220/66 kV 150 MVA	B2 Transformer	CA
188	CBTS	CBTS-EHV001	TB&TB, 500kV Double CB		TN
189	CBTS	CBTS-EHV002	TC, 500kV Single CB		TN
190	CBTS	CBTS-EHV003	TD, 500kV Tee Off		TN
191	CBTS	CBTS-EHV004	TJ&TJ, 220kV Double CB		TN
192	CBTS	CBTS-EHV005	TI, 220kV 1&1/2 CB		TN
193	CBTS	CBTS-EHV006	TI, 220kV 1&1/2 CB		TN
194	CBTS	CBTS-EHV007	TI, 220kV 1&1/2 CB		TN
195	CBTS	CBTS-EHV008	TI, 220kV 1&1/2 CB		TN
196	CBTS	CBTS-EHV009	TI, 220kV 1&1/2 CB		TN
197	CBTS	CBTS-EHV010	TI, 220kV 1&1/2 CB		TN
198	CBTS	CBTS-EHV011	TL, 220kV Tee Off		CA
199	CBTS	CBTS-EHV012	TL, 220kV Tee Off		CA
200	CBTS	CBTS-HV001	TM, 66kV CB	B1 Transformer HVCB	CA
201	CBTS	CBTS-HV002	TM, 66kV CB	1-2 Bus Tie CB	CA
202	CBTS	CBTS-HV003	TM, 66kV CB	2-3 Bus Tie CB	CA
203	CBTS	CBTS-HV004	TM, 66kV CB	B2 Transformer HVCB	CA
204	CBTS	CBTS-HV005	TM, 66kV CB	CBTS SUB NRN 66kV FDR	CA
205	CBTS	CBTS-HV006	TM, 66kV CB	CBTS SUB CRM 66kV FDR	CA
206	CBTS	CBTS-HV007	TM, 66kV CB	CBTS SUB BWN 66kV FDR	CA
207	CBTS	CBTS-HV008	TM, 66kV CB	CBTS SUB FTS NO. 2 66kV FDR	CA
208	CBTS	CBTS-HV009	TM, 66kV CB	CBTS SUB FTS NO. 1 66kV FDR	CA
209	CBTS	CBTS-HV010	TM, 66kV CB	CBTS SUB CLN 66kV FDR	CA
210	DDTS	DDTS-EHV001	TG, 330kV Single CB	No. 1 Cap Bank CB	TN
211	DDTS	DDTS-EHV002	330kV Cap Bank 225 MVar	No. 1 Cap Bank	TN
212	DDTS	DDTS-EHV003	TG, 330kV Single CB	No. 2 Cap Bank CB	TN
213	DDTS	DDTS-EHV004	330kV Cap Bank 225 MVar	No. 2 Cap Bank	TN
214	DDTS	DDTS-EHV005	TE, 330kV 1&1/2 CB	SMTS No. 2 Line	TN
215	DDTS	DDTS-EHV006	TE, 330kV 1&1/2 CB		TN

Column 1 Item	Column 2 Station	Column 3 Bay No	Column 4 Asset Type	Column 5 Location / Description	Column 6 TN or CA
216	DDTS	DDTS-EHV007	TE, 330kV 1&1/2 CB	MSS No. 2 Line	TN
217	DDTS	DDTS-EHV008	TE, 330kV 1&1/2 CB	SMTS No. 1 Line	TN
218	DDTS	DDTS-EHV009	TE, 330kV 1&1/2 CB		TN
219	DDTS	DDTS-EHV010	TE, 330kV 1&1/2 CB	MSS No. 1 Line	TN
220	DDTS	DDTS-EHV011	TF, 330kV Double CB	H1 Transformer EHVCB	TN
221	DDTS	DDTS-EHV012	TF, 330kV Double CB	H1 Transformer EHVCB	TN
222	DDTS	DDTS-EHV013	TG, 330kV Single CB	H2 Transformer EHVCB	TN
223	DDTS	DDTS-EHV014	TE, 330kV 1&1/2 CB	H3 Transformer EHVCB	TN
224	DDTS	DDTS-EHV015	TE, 330kV 1&1/2 CB		TN
225	DDTS	DDTS-EHV016	TE, 330kV 1&1/2 CB	WOTS Line	TN
226	DDTS	DDTS-EHV017	TJ&TJ, 220kV Double CB	H3 Transformer EHVCB	TN
227	DDTS	DDTS-EHV018	TK, 220kV Single CB	H2 Transformer EHVCB	TN
228	DDTS	DDTS-EHV019	TJ&TJ, 220kV Double CB	GNTS No. 3 line	TN
229	DDTS	DDTS-EHV020	TK, 220kV Single CB	GNTS No. 1 line	TN
230	DDTS	DDTS-EHV021	TK, 220kV Single CB	SHTS Line	TN
231	DDTS	DDTS-EHV022	TK, 220kV Single CB	H1 Transformer EHVCB	TN
232	DDTS	DDTS-EHV023	TK, 220kV Single CB	MBTS No. 1 Line	TN
233	DDTS	DDTS-EHV024	TK, 220kV Single CB	MBTS No. 2 Line	TN
234	DDTS	DDTS-EHV025	TK, 220kV Single CB	No. 1 Cap Bank CB	TN
235	DDTS	DDTS-EHV026	220kV Cap Bank 200 MVar	No. 1 Cap Bank	TN
236	DDTS	DDTS-H1	YE, 330/220 kV 3x1ph 340 MVA Auto Tx	H1 Transformer	TN
237	DDTS	DDTS-H2	YE, 330/220 kV 340 MVA Auto Tx	H2 Transformer	TN
238	DDTS	DDTS-H3	YE, 330/220 kV 340 MVA Auto Tx	H3 Transformer	TN
239	EPSY	EPSY-EHV001	TK, 220kV Single CB	MBTS No. 1 Line	TN
240	EPSY	EPSY-EHV002	TK, 220kV Single CB	EPS No. 2 Tranformer Bank	CA
241	EPSY	EPSY-EHV003	TK, 220kV Single CB	EPS No. 1 Tranformer Bank	CA
242	EPSY	EPSY-EHV004	TK, 220kV Single CB	MBTS No. 2 Line	TN
243	EPSY	EPSY-EHV005	TK, 220kV Single CB	1-2 Bus Tie CB	TN
244	EPSY	EPSY-EHV006	TK, 220kV Single CB	TTS Line	TN
245	EPSY	EPSY-EHV007	TK, 220kV Single CB	TTS Line	TN
246	ERTS	ERTS-B1	YI, 220/66 kV 150 MVA	B1 Transformer	CA
247	ERTS	ERTS-B3	YI, 220/66 kV 150 MVA	B3 Transformer	CA
248	ERTS	ERTS-B4	YI, 220/66 kV 150 MVA	B4 Transformer	CA
249	ERTS	ERTS-EHV001	TL, 220kV Tee Off	ROTS No. 2 Line	TN
250	ERTS	ERTS-EHV002	TK, 220kV Single CB	CBTS No. 2 Line	TN
251	ERTS	ERTS-EHV003	TK, 220kV Single CB	CBTS No. 1 Line	TN
252	ERTS	ERTS-EHV004	TL, 220kV Tee Off	ROTS No. 1 Line	TN
253	ERTS	ERTS-EHV005	TK, 220kV Single CB	3-4 Bus Tie CB	TN
254	ERTS	ERTS-EHV006	TK, 220kV Single CB	1-3 Bus Tie CB	TN
255	ERTS	ERTS-EHV007	TL, 220kV Tee Off	B4 Transformer EHVTO	CA
256	ERTS	ERTS-EHV008	TL, 220kV Tee Off	B3 Transformer EHVTO	CA

Column 1 Item	*Column 2 Station*	*Column 3 Bay No*	*Column 4 Asset Type*	*Column 5 Location / Description*	*Column 6 TN or CA*
257	ERTS	ERTS-EHV009	TL, 220kV Tee Off	B1 Transformer EHVTO	CA
258	ERTS	ERTS-HV001	TM, 66kV CB	B1 Transformer HVCB	CA
259	ERTS	ERTS-HV002	TM, 66kV CB	No. 1A Cap Bank CB	TN
260	ERTS	ERTS-HV003	YV, 66kV Cap Bank 25 - 50 MVar	No. 1A Cap Bank	TN
261	ERTS	ERTS-HV004	TM, 66kV CB	No. 1B Cap Bank CB	TN
262	ERTS	ERTS-HV005	YV, 66kV Cap Bank 25 - 50 MVar	No. 1B Cap Bank	TN
263	ERTS	ERTS-HV006	TM, 66kV CB	1-3 Bus Tie CB	CA
264	ERTS	ERTS-HV007	TM, 66kV CB	No. 3 Cap Bank CB	TN
265	ERTS	ERTS-HV008	YV, 66kV Cap Bank 25 - 50 MVar	No. 3 Cap Bank	TN
266	ERTS	ERTS-HV009	TM, 66kV CB	B3 Transformer HVCB	CA
267	ERTS	ERTS-HV010	TM, 66kV CB	3-4 Bus Tie CB	CA
268	ERTS	ERTS-HV011	TM, 66kV CB	No. 4 Cap Bank CB	TN
269	ERTS	ERTS-HV012	YV, 66kV Cap Bank 25 - 50 MVar	No. 4 Cap Bank	TN
270	ERTS	ERTS-HV013	TM, 66kV CB	B4 Transformer HVCB	CA
271	ERTS	ERTS-HV014	TM, 66kV CB	4-1 Bus Tie CB	CA
272	ERTS	ERTS-HV015	TM, 66kV CB	ERTS SUB NRN/CBTS 66kV FDR	CA
273	ERTS	ERTS-HV016	TM, 66kV CB	ERTS SUB Out of Service B 66kV FDR	CA
274	ERTS	ERTS-HV017	TM, 66kV CB	ERTS SUB DN 66kV FDR	CA
275	ERTS	ERTS-HV018	TM, 66kV CB	ERTS SUB DVY 66kV FDR	CA
276	ERTS	ERTS-HV019	TM, 66kV CB	ERTS SUB BWN/CBTS 66kV FDR	CA
277	ERTS	ERTS-HV020	TM, 66kV CB	ERTS SUB HPK 66kV FDR	CA
278	ERTS	ERTS-HV021	TM, 66kV CB	ERTS SUB LD 66kV FDR	CA
279	ERTS	ERTS-HV022	TM, 66kV CB	ERTS SUB FGY 66kV FDR	CA
280	ERTS	ERTS-HV023	TM, 66kV CB	ERTS SUB DSH NO.1 66kV FDR	CA
281	ERTS	ERTS-HV024	TM, 66kV CB	ERTS SUB MGE 66kV FDR	CA
282	ERTS	ERTS-HV025	TM, 66kV CB	ERTS SUB BGE 66kV FDR	CA
283	ERTS	ERTS-HV026	TM, 66kV CB	ERTS SUB Out of Service A 66kV FDR	CA
284	FBTS	FBTS-B1	YI, 220/66 kV 150 MVA	B1 Transformer	CA
285	FBTS	FBTS-B3	YI, 220/66 kV 150 MVA	B3 Transformer	CA
286	FBTS	FBTS-B4	YI, 220/66 kV 150 MVA	B4 Transformer	CA
287	FBTS	FBTS-EHV001	TK, 220kV Single CB	BLTS Line	TN
288	FBTS	FBTS-EHV002	TK, 220kV Single CB	No. 4 Cap Bank CB	TN

Column 1 Item	Column 2 Station	Column 3 Bay No	Column 4 Asset Type	Column 5 Location / Description	Column 6 TN or CA
289	FBTS	FBTS-EHV003	220kV Cap Bank 200 MVar	No. 4 Cap Bank	TN
290	FBTS	FBTS-EHV004	TK, 220kV Single CB	WMTS No. 2 Line	TN
291	FBTS	FBTS-EHV005	TK, 220kV Single CB	NPSD Line	TN
292	FBTS	FBTS-EHV006	TK, 220kV Single CB	WMTS No. 1 Line	TN
293	FBTS	FBTS-EHV007	TJ, 220kV Double CB	B3 Transformer EHVCB	TN
294	FBTS	FBTS-EHV008	TJ, 220kV Double CB	B3 Transformer EHVCB	CA
295	FBTS	FBTS-EHV009	TL, 220kV Tee Off	B1 Transformer EHVTO	CA
296	FBTS	FBTS-EHV010	TL, 220kV Tee Off	B3 Transformer EHVTO	CA
297	FBTS	FBTS-EHV011	TL, 220kV Tee Off	B4 Transformer EHVTO	CA
298	FBTS	FBTS-HV001	TM, 66kV CB	B1 Transformer HVCB	CA
299	FBTS	FBTS-HV002	TM, 66kV CB	Sync Con CB	TN
300	FBTS	FBTS-HV003	Sync Cond 66kV 125-0-85MVAr	Sync Con	TN
301	FBTS	FBTS-HV004	TM, 66kV CB	2-3 Bus Tie CB	CA
302	FBTS	FBTS-HV005	TM, 66kV CB	Sync Con CB	TN
303	FBTS	FBTS-HV006	TM, 66kV CB	B3 Transformer HVCB	CA
304	FBTS	FBTS-HV007	TM, 66kV CB	3-4 Bus Tie CB	CA
305	FBTS	FBTS-HV008	TM, 66kV CB	B4 Transformer HVCB	CA
306	FBTS	FBTS-HV009	TM, 66kV CB	4-2 Bus Tie CB	CA
307	FBTS	FBTS-HV010	TM, 66kV CB	FBTS SUB DLF NO. 1 66kV FDR	CA
308	FBTS	FBTS-HV011	TM, 66kV CB	FBTS SUB FB 66kV FDR	CA
309	FBTS	FBTS-HV012	TM, 66kV CB	FBTS SUB MG 66kV FDR	CA
310	FBTS	FBTS-HV013	TM, 66kV CB	FBTS SUB SO NO. 1/SM 66kV FDR	CA
311	FBTS	FBTS-HV014	TM, 66kV CB	FBTS SUB AP 66kV FDR	CA
312	FBTS	FBTS-HV015	TM, 66kV CB	FBTS SUB PM 66kV FDR	CA
313	FBTS	FBTS-HV016	TM, 66kV CB	FBTS SUB SO NO. 2 66kV FDR	CA
314	FBTS	FBTS-HV017	TM, 66kV CB	FBTS SUB E 66kV FDR	CA
315	FBTS	FBTS-HV018	TM, 66kV CB	FBTS SUB WG 66kV FDR	CA
316	FBTS	FBTS-HV019	TM, 66kV CB	FBTS SUB DLF NO. 3 66kV FDR	CA
317	FTS	FTS-HV001	TM, 66kV CB	FTS SUB CBTS NO. 2 66kV FDR	CA
318	FTS	FTS-HV002	TM, 66kV CB	1-2 Bus Tie CB	CA
319	FTS	FTS-HV003	TM, 66kV CB	FTS SUB CBTS NO. 1 66kV FDR	CA
320	FTS	FTS-HV004	TM, 66kV CB	FTS SUB FSH 66kV FDR	CA
321	FTS	FTS-HV005	TM, 66kV CB	FTS SUB FTN NO. 2 66kV FDR	CA
322	FTS	FTS-HV006	TM, 66kV CB	FTS SUB FTN NO. 1 66kV FDR	CA
323	FTS	FTS-HV007	TM, 66kV CB	TBTS Line	CA

Column 1 Item	*Column 2 Station*	*Column 3 Bay No*	*Column 4 Asset Type*	*Column 5 Location / Description*	*Column 6 TN or CA*
324	FTS	FTS-HV008	TM, 66kV CB	FTS Bypass CB	CA
325	FVTS	N/A	light strain tower		TN
326	GNTS	GNTS-1A	YJ, 220/66/22kV 75 MVA 3x1ph	No. 1B Transformer	CA
327	GNTS	GNTS-1B	YJ, 220/66/22kV 75 MVA 3x1ph	No. 1A Transformer	CA
328	GNTS	GNTS-B2	YI, 220/66 kV 150 MVA	B2 Transformer	CA
329	GNTS	GNTS-EHV001	TI, 220kV 1&1/2 CB	DDTS No. 1 Line	TN
330	GNTS	GNTS-EHV002	TI, 220kV 1&1/2 CB		TN
331	GNTS	GNTS-EHV003	TI, 220kV 1&1/2 CB	SHTS No. 1 line	TN
332	GNTS	GNTS-EHV004	TI, 220kV 1&1/2 CB	DDTS No. 3 Line	TN
333	GNTS	GNTS-EHV005	TI, 220kV 1&1/2 CB		TN
334	GNTS	GNTS-EHV006	TI, 220kV 1&1/2 CB	SHTS No. 3 line	TN
335	GNTS	GNTS-EHV007	TL, 220kV Tee Off	B2 Transformer EHVTO	CA
336	GNTS	GNTS-EHV008	TK, 220kV Single CB	B2 Transformer EHVCB	CA
337	GNTS	GNTS-EHV009	TK, 220kV Single CB	No. 1 Transformer EHVCB	CA
338	GNTS	GNTS-HV001	TM, 66kV CB	No. 1 Cap Bank CB	TN
339	GNTS	GNTS-HV002	YU, 66kV Cap Bank up to 25 MVar	No. 1 Cap Bank	TN
340	GNTS	GNTS-HV003	TM, 66kV CB	No. 1 Transformer HVCB	CA
341	GNTS	GNTS-HV004	TM, 66kV CB	1-2 Bus Tie CB	CA
342	GNTS	GNTS-HV005	TM, 66kV CB	B2 Transformer HVCB	CA
343	GNTS	GNTS-HV006	TM, 66kV CB	GNTS SUB WN NO. 1 66kV FDR	CA
344	GNTS	GNTS-HV007	TM, 66kV CB	GNTS SUB BN NO. 1 66kV FDR	CA
345	GNTS	GNTS-HV008	TM, 66kV CB	GNTS SUB WN NO. 2 66kV FDR	CA
346	GNTS	GNTS-HV009	TM, 66kV CB	GNTS SUB BN NO. 2 66kV FDR	CA
347	GTS	GTS-B1	YI, 220/66 kV 150 MVA	B1 Transformer	CA
348	GTS	GTS-B3	YI, 220/66 kV 150 MVA	B3 Transformer	CA
349	GTS	GTS-B4	YI, 220/66 kV 150 MVA	B4 Transformer	CA
350	GTS	GTS-EHV001	TJ&TJ, 220kV Double CB	KTS No. 3 Line	TN
351	GTS	GTS-EHV002	TK, 220kV Single CB	KTS No. 1 Line	TN
352	GTS	GTS-EHV003	TK, 220kV Single CB	KTS No. 2 Line	TN
353	GTS	GTS-EHV004	TJ&TJ, 220kV Double CB	B1 Transformer EHVCB	CA
354	GTS	GTS-EHV005	TK, 220kV Single CB	MLTS No. 1 Line	TN
355	GTS	GTS-EHV006	TK, 220kV Single CB	MLTS No. 2 Line	TN
356	GTS	GTS-EHV007	TK, 220kV Single CB	PTH No. 2 Line	TN
357	GTS	GTS-EHV008	TK, 220kV Single CB	PTH No. 1 Line	TN
358	GTS	GTS-EHV009	TK, 220kV Single CB	B3 Transformer EHVCB	CA
359	GTS	GTS-EHV010	TK, 220kV Single CB	B4 Transformer EHVCB	CA
360	GTS	GTS-HV001	TM, 66kV CB	No. 1 Cap Bank CB	TN
361	GTS	GTS-HV002	YV, 66kV Cap Bank 25 - 50 MVar	No. 1 Cap Bank	TN

Column 1 Item	Column 2 Station	Column 3 Bay No	Column 4 Asset Type	Column 5 Location / Description	Column 6 TN or CA
362	GTS	GTS-HV003	TM, 66kV CB	6-1 Bus Tie CB	CA
363	GTS	GTS-HV004	TM, 66kV CB	B1 Transformer HVCB	CA
364	GTS	GTS-HV005	TM, 66kV CB	2-3 Bus Tie CB	CA
365	GTS	GTS-HV006	TM, 66kV CB	B3 Transformer HVCB	CA
366	GTS	GTS-HV007	TM, 66kV CB	3-4 Bus Tie CB	CA
367	GTS	GTS-HV008	TM, 66kV CB	4-5 Bus Tie CB	CA
368	GTS	GTS-HV009	TM, 66kV CB	B4 Transformer HVCB	CA
369	GTS	GTS-HV010	TM, 66kV CB	No. 4 Cap Bank CB	TN
370	GTS	GTS-HV011	YU, 66kV Cap Bank up to 25 MVar	No. 4 Cap Bank	TN
371	GTS	GTS-HV012	TM, 66kV CB	GTS FB-SUB CLC-WIN 66kV FDR	CA
372	GTS	GTS-HV013	TM, 66kV CB	GTS FB-SUB SRC 66kV FDR	CA
373	GTS	GTS-HV014	TM, 66kV CB	GTS FB-SUB CRO 66kV FDR	CA
374	GTS	GTS-HV015	TM, 66kV CB	GTS FB-SUB WPD 66kV FDR	CA
375	GTS	GTS-HV016	TM, 66kV CB	GTS FB-SUB FNS 66kV FDR	CA
376	GTS	GTS-HV017	TM, 66kV CB	GTS FB-SUB GB 66kV FDR	CA
377	GTS	GTS-HV018	TM, 66kV CB	GTS FB-SUB GLE NO. 1 66kV FDR	CA
378	GTS	GTS-HV019	TM, 66kV CB	GTS FB-SUB FDN 66kV FDR	CA
379	GTS	GTS-HV020	TM, 66kV CB	GTS FB-SUB GCY 66kV FDR	CA
380	GTS	GTS-HV021	TM, 66kV CB	GTS FB-SUB GLE NO. 2 66kV FDR	CA
381	GTS	GTS-HV022	TM, 66kV CB	GTS FB-SUB ACL 66kV FDR	CA
382	HOTS	HOTS-B2	YJ, 220/66/22kV 75 MVA 3x1ph	B2 Transformer	CA
383	HOTS	HOTS-B3	YJ, 220/66/22kV 75 MVA 3x1ph	B3 Transformer	CA
384	HOTS	HOTS-EHV001	TK, 220kV Single CB	SVC CB	TN
385	HOTS	HOTS-EHV002	YW, 220kV 50 MVar SVC	SVC	TN
386	HOTS	HOTS-EHV003	TJ, 220kV Double CB	RCTS Line	TN
387	HOTS	HOTS-EHV004	TJ, 220kV Double CB	RCTS Line	TN
388	HOTS	HOTS-EHV005	TJ&TJ, 220kV Double CB	BATS Line	TN
389	HOTS	HOTS-EHV006	TK, 220kV Single CB	B2 Transformer EHVCB	CA
390	HOTS	HOTS-EHV007	TK, 220kV Single CB	B3 Transformer EHVCB	CA
391	HOTS	HOTS-HV001	TM, 66kV CB	No. 1 Reactor Bank CB	TN
392	HOTS	HOTS-HV002	YO, 66kV Reactor 15 MVar	No. 1 Reactor Bank	TN
393	HOTS	HOTS-HV003	TM, 66kV CB	No. 1A Cap Bank CB	TN
394	HOTS	HOTS-HV004	YU, 66kV Cap Bank up to 25 MVar	No. 1A Cap Bank	TN

Column 1 Item	*Column 2 Station*	*Column 3 Bay No*	*Column 4 Asset Type*	*Column 5 Location / Description*	*Column 6 TN or CA*
395	HOTS	HOTS-HV005	TM, 66kV CB	No. 1B Cap Bank CB	TN
396	HOTS	HOTS-HV006	YU, 66kV Cap Bank up to 25 MVar	No. 1B Cap Bank	TN
397	HOTS	HOTS-HV007	TM, 66kV CB	B2 Transformer HVCB	CA
398	HOTS	HOTS-HV008	TM, 66kV CB	1-2 Bus Tie CB	CA
399	HOTS	HOTS-HV009	TM, 66kV CB	B3 Transformer HVCB	CA
400	HOTS	HOTS-HV010	TM, 66kV CB	No. 2 Cap Bank CB	TN
401	HOTS	HOTS-HV011	YU, 66kV Cap Bank up to 25 MVar	No. 2 Cap Bank	TN
402	HOTS	HOTS-HV012	TM, 66kV CB	No. 2 Reactor Bank CB	TN
403	HOTS	HOTS-HV013	YO, 66kV Reactor 15 MVar	No. 2 Reactor Bank	TN
404	HOTS	HOTS-HV014	TM, 66kV CB	HOTS SUB STL NO. 1 66kV FDR	CA
405	HOTS	HOTS-HV015	TM, 66kV CB	HOTS SUB CHM/IKA 66kV FDR	CA
406	HOTS	HOTS-HV016	TM, 66kV CB	HOTS SUB HSM NO. 1 66kV FDR	CA
407	HOTS	HOTS-HV017	TM, 66kV CB	HOTS SUB STL NO. 2 66kV FDR	CA
408	HOTS	HOTS-HV018	TM, 66kV CB	HOTS SUB HSM NO. 2 66kV FDR	CA
409	HOTS	HOTS-HV019	TM, 66kV CB	HOTS SUB NHL 66kV FDR	CA
410	HTS	HTS-B1	YI, 220/66 kV 150 MVA	B1 Transformer	CA
411	HTS	HTS-B2	YI, 220/66 kV 150 MVA	B2 Transformer	CA
412	HTS	HTS-B3	YI, 220/66 kV 150 MVA	B3 Transformer	CA
413	HTS	HTS-EHV001	TL, 220kV Tee Off	SVTS No. 1 Line	TN
414	HTS	HTS-EHV002	TL, 220kV Tee Off	SVTS No. 2 Line	TN
415	HTS	HTS-EHV003	TL, 220kV Tee Off	B2 Transformer EHVTO	CA
416	HTS	HTS-EHV004	TL, 220kV Tee Off	B1 Transformer EHVTO	CA
417	HTS	HTS-EHV005	TK, 220kV Single CB	2-4 Bus Tie CB	TN
418	HTS	HTS-EHV006	TK, 220kV Single CB	1-3 Bus Tie CB	TN
419	HTS	HTS-EHV007	TL, 220kV Tee Off	3-4 Bus Tie TO	TN
420	HTS	HTS-EHV008	TL, 220kV Tee Off	3-4 Bus Tie CB	TN
421	HTS	HTS-EHV009	TL, 220kV Tee Off	B3 Transformer EHVTO	CA
422	HTS	HTS-HV001	TM, 66kV CB	No. 1A Cap Bank CB	TN
423	HTS	HTS-HV002	YV, 66kV Cap Bank 25 - 50 MVar	No. 1A Cap Bank	TN
424	HTS	HTS-HV003	TM, 66kV CB	No. 1B Cap Bank CB	TN
425	HTS	HTS-HV004	YV, 66kV Cap Bank 25 - 50 MVar	No. 1B Cap Bank	TN
426	HTS	HTS-HV005	TM, 66kV CB	B1 Transformer HVCB	CA
427	HTS	HTS-HV006	TM, 66kV CB	1-2 Bus Tie CB	CA
428	HTS	HTS-HV007	TM, 66kV CB	B2 Transformer HVCB	CA
429	HTS	HTS-HV008	TM, 66kV CB	2-3 Bus Tie CB	CA
430	HTS	HTS-HV009	TM, 66kV CB	B3 Transformer HVCB	CA
431	HTS	HTS-HV010	TM, 66kV CB	3-1 Bus Tie CB	CA

Column 1 Item	Column 2 Station	Column 3 Bay No	Column 4 Asset Type	Column 5 Location / Description	Column 6 TN or CA
432	HTS	HTS-HV011	TM, 66kV CB	HTS SUB NB 66kV FDR	CA
433	HTS	HTS-HV012	TM, 66kV CB	HTS SUB HT 66kV FDR	CA
434	HTS	HTS-HV013	TM, 66kV CB	HTS SUB M 66kV FDR	CA
435	HTS	HTS-HV014	TM, 66kV CB	HTS SUB Out of Service A 66kV FDR	CA
436	HTS	HTS-HV015	TM, 66kV CB	HTS SUB BR 66kV FDR	CA
437	HTS	HTS-HV016	TM, 66kV CB	HTS SUB MR 66kV FDR	CA
438	HTS	HTS-HV017	TM, 66kV CB	HTS SUB SR 66kV FDR	CA
439	HTS	HTS-HV018	TM, 66kV CB	HTS CBTS/M/MC/FTN Emergency Supply 66kV FDR	CA
440	HWPS	HWPS-EHV001	TJ&TJ, 220kV Double CB	ROTS No. 2 Line	TN
441	HWPS	HWPS-EHV002	TK, 220kV Single CB	ROTS No. 1 Line	TN
442	HWPS	HWPS-EHV003	TK, 220kV Single CB	G1	CA
443	HWPS	HWPS-EHV004	TK, 220kV Single CB	HWTS No. 1 Line	TN
444	HWPS	HWPS-EHV005	TK, 220kV Single CB	G2	CA
445	HWPS	HWPS-EHV006	TK, 220kV Single CB	JLTS No. 2 Line	TN
446	HWPS	HWPS-EHV007	TK, 220kV Single CB	JLTS No. 1 Line	TN
447	HWPS	HWPS-EHV008	TJ&TJ, 220kV Double CB	G3	CA
448	HWPS	HWPS-EHV009	TJ&TJ, 220kV Double CB	HWTS No. 2 Line	TN
449	HWPS	HWPS-EHV010	TJ&TJ, 220kV Double CB	G4	CA
450	HWPS	HWPS-EHV011	TK, 220kV Single CB	HWTS No. 3 Line	TN
451	HWPS	HWPS-EHV012	TK, 220kV Single CB	HWTS No. 3 Line	TN
452	HWPS	HWPS-EHV013	TK, 220kV Single CB	2-5 Bus Tie CB	TN
453	HWPS	HWPS-EHV014	TK, 220kV Single CB	5-6 Bus Tie CB	TN
454	HWPS	HWPS-EHV015	TK, 220kV Single CB	4-6 Bus Tie CB	TN
455	HWPS	HWPS-EHV016	TK, 220kV Single CB	G5	CA
456	HWPS	HWPS-EHV017	TJ&TJ, 220kV Double CB	HWTS No. 4 Line	TN
457	HWPS	HWPS-EHV018	TJ, 220kV Double CB	G6	CA
458	HWPS	HWPS-EHV019	TJ, 220kV Double CB	G6	CA
459	HWPS	HWPS-EHV020	TJ&TJ, 220kV Double CB	JLTS No. 4 Line	TN
460	HWPS	HWPS-EHV021	TK, 220kV Single CB	JLTS No. 3 Line	TN
461	HWPS	HWPS-EHV022	TK, 220kV Single CB	MWTS/MPS Line	TN
462	HWPS	HWPS-EHV023	TK, 220kV Single CB	G7	CA
463	HWPS	HWPS-EHV024	TK, 220kV Single CB	YPS No. 1 Line	TN
464	HWPS	HWPS-EHV025	TJ, 220kV Double CB	YPS No. 2 Line	TN
465	HWPS	HWPS-EHV026	TK, 220kV Single CB	G8	CA
466	HWPS	HWPS-EHV027	TJ, 220kV Double CB	YPS No. 2 Line	TN
467	HWTS	HWTS-A1	YB, 500/220 kV 600 MVA Auto Tx	A1 Transformer	TN
468	HWTS	HWTS-A2	YB, 500/220 kV 600 MVA 4x1ph Auto Tx	A2 Transformer	TN
469	HWTS	HWTS-A3	YB, 500/220 kV 600 MVA 3x1ph Auto Tx	A3 Transformer	TN
470	HWTS	HWTS-A4	YB, 500/220 kV 600 MVA 3x1ph Auto Tx	A4 Transformer	TN
471	HWTS	HWTS-EHV001	TA, 500kV 1&1/2 CB	CBTS No. 4 Line	TN

Column 1 Item	*Column 2 Station*	*Column 3 Bay No*	*Column 4 Asset Type*	*Column 5 Location / Description*	*Column 6 TN or CA*
472	HWTS	HWTS-EHV002	TA, 500kV 1&1/2 CB		TN
473	HWTS	HWTS-EHV003	TA, 500kV 1&1/2 CB	LYPS No. 3 Line	TN
474	HWTS	HWTS-EHV004	TA, 500kV 1&1/2 CB	ROTS No. 3 Line	TN
475	HWTS	HWTS-EHV005	TA, 500kV 1&1/2 CB		TN
476	HWTS	HWTS-EHV006	TA, 500kV 1&1/2 CB	LYPS No. 2 Line	TN
477	HWTS	HWTS-EHV007	TD, 500kV Tee Off	1-3 Bus Tie TO	TN
478	HWTS	HWTS-EHV008	TD, 500kV Tee Off	1-3 Bus Tie TO	TN
479	HWTS	HWTS-EHV009	TD, 500kV Tee Off	2-4 Bus Tie TO	TN
480	HWTS	HWTS-EHV010	TD, 500kV Tee Off	2-4 Bus Tie TO	TN
481	HWTS	HWTS-EHV011	TC, 500kV Single CB	A1 Transformer EHVCB	TN
482	HWTS	HWTS-EHV012	TC, 500kV Single CB	LYPS No. 1 Line	TN
483	HWTS	HWTS-EHV013	TC, 500kV Single CB	A2 Transformer EHVCB	TN
484	HWTS	HWTS-EHV014	TA, 500kV 1&1/2 CB	A3 Transformer EHVCB	TN
485	HWTS	HWTS-EHV015	TA, 500kV 1&1/2 CB		TN
486	HWTS	HWTS-EHV016	TA, 500kV 1&1/2 CB	SMTS No. 1 Line	TN
487	HWTS	HWTS-EHV017	TA, 500kV 1&1/2 CB	A4 Transformer EHVCB	TN
488	HWTS	HWTS-EHV018	TA, 500kV 1&1/2 CB		TN
489	HWTS	HWTS-EHV019	TA, 500kV 1&1/2 CB	SMTS No. 2 Line	TN
490	HWTS	HWTS-EHV020	TL, 220kV Tee Off	HWPS No. 1 Line	TN
491	HWTS	HWTS-EHV021	TL, 220kV Tee Off	HWPS No. 2 Line	TN
492	HWTS	HWTS-EHV022	TL, 220kV Tee Off	HWPS No. 3 Line	TN
493	HWTS	HWTS-EHV023	TL, 220kV Tee Off	HWPS No. 4 Line	TN
494	HYTS	HYTS-EHV001	TC, 500kV Single CB	MLTS No. 1 Line	TN
495	HYTS	HYTS-EHV002	TC, 500kV Single CB	MLTS No. 2 Line	TN
496	HYTS	HYTS-EHV003	TC, 500kV Single CB	APD No. 1 Line	TN
497	HYTS	HYTS-EHV004	TC, 500kV Single CB	APD No. 2 Line	TN
498	HYTS	HYTS-EHV005	TG, 330kV Single CB (275 kV)	M1 Transformer EHVCB	TN
499	HYTS	HYTS-EHV006	TG, 330kV Single CB (275 kV)	M2 Transformer EHVCB	TN
500	HYTS	HYTS-EHV007	TG, 330kV Single CB (275 kV)	No. 1 Cap Bank CB	TN
501	HYTS	HYTS-EHV008	TG, 330kV Single CB (275 kV)	No. 1 Cap Bank CB	TN
502	HYTS	HYTS-EHV009	275kV Cap Bank 150 MVar	No. 1 Cap Bank	TN
503	HYTS	HYTS-M1	YC, 500/275 kV 370 MVA AutoTx	M1 Transformer	TN
504	HYTS	HYTS-M2	YC, 500/275 kV 370 MVA AutoTx	M2 Transformer	TN
505	JLG	JLGA-EHV001	TL, 220kV Tee Off	JLGS A1	CA
506	JLG	JLGA-EHV002	TL, 220kV Tee Off	JLGS A2	CA
507	JLG	JLGA-EHV003	TL, 220kV Tee Off	JLGS A3	CA
508	JLG	JLGA-EHV004	TL, 220kV Tee Off	JLGS A4	CA
509	JLG	JLGB-EHV001	TL, 220kV Tee Off	JLGS B1	CA
510	JLG	JLGB-EHV002	TL, 220kV Tee Off	JLGS B2	CA
511	JLG	JLGB-EHV003	TL, 220kV Tee Off	JLGS B3	CA

Column 1 Item	Column 2 Station	Column 3 Bay No	Column 4 Asset Type	Column 5 Location / Description	Column 6 TN or CA
512	JLTS	JLTS-EHV001	TI, 220kV 1&1/2 CB	MWTS No. 2 Line	TN
513	JLTS	JLTS-EHV002	TI, 220kV 1&1/2 CB		TN
514	JLTS	JLTS-EHV003	TI, 220kV 1&1/2 CB	HWPS No. 3 Line	TN
515	JLTS	JLTS-EHV004	TI, 220kV 1&1/2 CB	MWTS No. 1 Line	TN
516	JLTS	JLTS-EHV005	TI, 220kV 1&1/2 CB		TN
517	JLTS	JLTS-EHV006	TI, 220kV 1&1/2 CB	HWPS No. 4 Line	TN
518	JLTS	JLTS-EHV007	TK, 220kV Single CB	HWPS No. 1 Line	TN
519	JLTS	JLTS-EHV008	TK, 220kV Single CB	HWPS No. 2 Line	TN
520	JLTS	JLTS-EHV009	TL, 220kV Tee Off	JLGS B	CA
521	JLTS	JLTS-EHV010	TL, 220kV Tee Off	JLGS A	CA
522	KGTS	KGTS-001	YK, 220/66kV 35 MVA	No. 1 Transformer	CA
523	KGTS	KGTS-002	YK, 220/66kV 35 MVA	No. 2 Transformer	CA
524	KGTS	KGTS-003	YK, 220/66kV 35 MVA	No. 3 Transformer	CA
525	KGTS	KGTS-EHV001	TK, 220kV Single CB	SVC CB	TN
526	KGTS	KGTS-EHV002	YW, 220kV 50 MVar SVC	SVC	TN
527	KGTS	KGTS-EHV003	TJ&TJ, 220kV Double CB	BETS Line	TN
528	KGTS	KGTS-EHV004	TK&TL, 220KV CB & Tee Off	RCTS Line	TN
529	KGTS	KGTS-EHV005	TK, 220kV Single CB	No. 3 Transformer EHVCB	CA
530	KGTS	KGTS-EHV006	TJ&TJ, 220kV Double CB	No. 2 Transformer EHVCB	CA
531	KGTS	KGTS-EHV007	TK, 220kV Single CB	No. 1 Transformer EHVCB	CA
532	KGTS	KGTS-HV001	TM, 66kV CB	Shunt Reactor CB	TN
533	KGTS	KGTS-HV002	YO, 66kV Reactor 15 MVar	Shunt Reactor	TN
534	KGTS	KGTS-HV003	TM, 66kV CB	No. 1 Cap Bank CB	TN
535	KGTS	KGTS-HV004	YU, 66kV Cap Bank up to 25 MVar	No. 1 Cap Bank	TN
536	KGTS	KGTS-HV005	TM, 66kV CB	No. 1 Transformer HVCB	CA
537	KGTS	KGTS-HV006	TM, 66kV CB	1-2 Bus Tie CB	CA
538	KGTS	KGTS-HV007	TM, 66kV CB	No. 2 Transformer HVCB	CA
539	KGTS	KGTS-HV008	TM, 66kV CB	No. 3 Transformer HVCB	CA
540	KGTS	KGTS-HV009	TM, 66kV CB	No. 2 Cap Bank CB	TN
541	KGTS	KGTS-HV010	YU, 66kV Cap Bank up to 25 MVar	No. 2 Cap Bank	TN
542	KGTS	KGTS-HV011	TM, 66kV CB	KGTS SUB SHL NO. 2 66kV FDR	CA
543	KGTS	KGTS-HV012	TM, 66kV CB	KGTS SUB CHA 66kV FDR	CA
544	KGTS	KGTS-HV013	TM, 66kV CB	KGTS SUB SHL NO. 1 66kV FDR	CA
545	KGTS	KGTS-HV014	TO, 22kV CB	No. 1 Transformer HVCB	CA
546	KGTS	KGTS-HV015	TO, 22kV CB	No. 2 Transformer HVCB	CA
547	KGTS	KGTS-HV016	TO, 22kV CB	No. 3 Transformer HVCB	CA
548	KGTS	KGTS-HV017	TO, 22kV CB	No. 2 Cap Bank CB	TN
549	KGTS	KGTS-HV018	XG, 22kV up to 6 MVar	No. 2 Cap Bank	TN

Column 1 Item	*Column 2 Station*	*Column 3 Bay No*	*Column 4 Asset Type*	*Column 5 Location / Description*	*Column 6 TN or CA*
550	KGTS	KGTS-HV019	TO, 22kV CB	1-2 Bus Tie CB	CA
551	KTS	KTS-A2	YB, 500/220kV 750 MVA 4x1ph Auto Tx	A2 Transformer	TN
552	KTS	KTS-A3	YB, 500/220kV 750 MVA 3x1ph Auto Tx	A3 Transformer	TN
553	KTS	KTS-A4	YB, 500/220kV 750 MVA 3x1ph Auto Tx	A4 Transformer	TN
554	KTS	KTS-B1	YI, 220/66 kV 150 MVA	B1 Transformer	CA
555	KTS	KTS-B2	YI, 220/66 kV 150 MVA	B2 Transformer	CA
556	KTS	KTS-B3	YI, 220/66 kV 150 MVA	B3 Transformer	CA
557	KTS	KTS-B4	YI, 220/66 kV 150 MVA	B4 Transformer	CA
558	KTS	KTS-E	Establishment and buildings KTS	$956250+15% of regulated switchgear value	TN
559	KTS	KTS-EHV001	TA, 500kV 1&1/2 CB	SYTS Line	TN
560	KTS	KTS-EHV002	TA, 500kV 1&1/2 CB		TN
561	KTS	KTS-EHV003	TA, 500kV 1&1/2 CB	A4 Transformer EHVCB	TN
562	KTS	KTS-EHV004	TC, 500kV Single CB	A3 Transformer EHVCB	TN
563	KTS	KTS-EHV005	TA, 500kV 1&1/2 CB	SMTS Line	TN
564	KTS	KTS-EHV006	TA, 500kV 1&1/2 CB		TN
565	KTS	KTS-EHV007	TA, 500kV 1&1/2 CB	A2 Transformer EHVCB	TN
566	KTS	KTS-EHV008	TJ&TJ, 220kV Double CB	GTS No. 2 Line	TN
567	KTS	KTS-EHV009	TJ&TJ, 220kV Double CB	GTS No. 1 Line	TN
568	KTS	KTS-EHV010	TI, 220kV 1&1/2 CB	GTS No. 3 Line	TN
569	KTS	KTS-EHV011	TI, 220kV 1&1/2 CB		TN
570	KTS	KTS-EHV012	TI, 220kV 1&1/2 CB	B4 Transformer EHVCB	CA
571	KTS	KTS-EHV013	TK, 220kV Single CB	B3 Transformer EHVCB	CA
572	KTS	KTS-EHV014	TI, 220kV 1&1/2 CB	A4 Transformer EHVCB	TN
573	KTS	KTS-EHV015	TI, 220kV 1&1/2 CB		TN
574	KTS	KTS-EHV016	TI, 220kV 1&1/2 CB	B2 Transformer EHVCB	CA
575	KTS	KTS-EHV017	TK, 220kV Single CB	A3 Transformer EHVCB	TN
576	KTS	KTS-EHV018	TK, 220kV Single CB	B1 Transformer EHVCB	CA
577	KTS	KTS-EHV019	TK, 220kV Single CB	No. 1 Cap Bank CB	TN
578	KTS	KTS-EHV020	220kV Cap Bank 200 MVar	No. 1 Cap Bank	TN
579	KTS	KTS-EHV021	TI, 220kV 1&1/2 CB	A2 Transformer EHVCB	TN
580	KTS	KTS-EHV022	TI, 220kV 1&1/2 CB		TN
581	KTS	KTS-EHV023	TI, 220kV 1&1/2 CB	ATS Line	TN
582	KTS	KTS-EHV024	TJ&TJ, 220kV Double CB	BLTS Line	TN
583	KTS	KTS-EHV025	TI, 220kV 1&1/2 CB	TTS No. 2 Line	TN
584	KTS	KTS-EHV026	TI, 220kV 1&1/2 CB		TN
585	KTS	KTS-EHV027	TI, 220kV 1&1/2 CB	WMTS No. 2 Line	TN
586	KTS	KTS-EHV028	TI, 220kV 1&1/2 CB	TTS No. 1 Line	TN
587	KTS	KTS-EHV029	TI, 220kV 1&1/2 CB		TN
588	KTS	KTS-EHV030	TI, 220kV 1&1/2 CB	WMTS No. 1 Line	TN
589	KTS	KTS-HV001	TM, 66kV CB	No. 1A Cap Bank CB	TN
590	KTS	KTS-HV002	YV, 66kV Cap Bank 25 - 50 MVar	No. 1A Cap Bank	TN

Column 1 Item	Column 2 Station	Column 3 Bay No	Column 4 Asset Type	Column 5 Location / Description	Column 6 TN or CA
591	KTS	KTS-HV003	TM, 66kV CB	No. 1B Cap Bank CB	TN
592	KTS	KTS-HV004	YV, 66kV Cap Bank 25 - 50 MVar	No. 1B Cap Bank	TN
593	KTS	KTS-HV005	TM, 66kV CB	B1 Transformer HVCB	CA
594	KTS	KTS-HV006	TM, 66kV CB	1-2 Bus Tie CB	CA
595	KTS	KTS-HV007	TM, 66kV CB	B2 Transformer HVCB	CA
596	KTS	KTS-HV008	TM, 66kV CB	2-3 Bus Tie CB	CA
597	KTS	KTS-HV009	TM, 66kV CB	B3 Transformer HVCB	CA
598	KTS	KTS-HV010	TM, 66kV CB	3-4 Bus Tie CB	CA
599	KTS	KTS-HV011	TM, 66kV CB	B4 Transformer HVCB	CA
600	KTS	KTS-HV012	TM, 66kV CB	4-1 Bus Tie CB	CA
601	KTS	KTS-HV013	TM, 66kV CB	KTS SUB AW 66KV FDR	CA
602	KTS	KTS-HV014	TM, 66kV CB	KTS SUB SU NO. 2 66KV FDR	CA
603	KTS	KTS-HV015	TM, 66kV CB	KTS SUB ES 66KV FDR	CA
604	KTS	KTS-HV016	TM, 66kV CB	KTS SUB BY 66KV FDR	CA
605	KTS	KTS-HV017	TM, 66kV CB	KTS SUB SU NO. 1 66KV FDR	CA
606	KTS	KTS-HV018	TM, 66kV CB	KTS SUB MLN 66kV FDR	CA
607	KTS	KTS-HV019	TM, 66kV CB	KTS SUB PV 66kV FDR	CA
608	KTS	KTS-HV020	TM, 66kV CB	KTS SUB SSE 66kV FDR	CA
609	KTS	KTS-HV021	TM, 66kV CB	KTS SUB SA NO. 2 66KV FDR	CA
610	KTS	KTS-HV022	TM, 66kV CB	KTS SUB SBY No. 2 66kV FDR	CA
611	KTS	KTS-HV023	TM, 66kV CB	KTS SUB SA NO. 1 66KV FDR	CA
612	KTS	KTS-HV024	TM, 66kV CB	KTS SUB SBY No. 1 66kV FDR	CA
613	KTS	KTS-HV025	TM, 66kV CB	KTS SUB MAT 66KV FDR	CA
614	LY	LY-HV001	TM, 66kV CB	MWTS No. 4 Line	TN
615	LY	LY-HV002	TM&TM, 66 kV Double CB	MWTS No. 3 Line	TN
616	LY	LY-HV003	TM, 66kV CB	LY SUB LY NO. 1 66KV FDR	CA
617	LY	LY-HV004	TM&TM, 66 kV Double CB	MWTS No. 2 Line	TN
618	LY	LY-HV005	TM&TM, 66 kV Double CB	C SS LYPS Trans	CA
619	LY	LY-HV006	TM, 66kV CB	MWTS No. 1 Line	TN
620	LY	LY-HV007	TM, 66kV CB	LY SUB LY NO. 2 66KV FDR	CA
621	LY	LY-HV008	TM, 66kV CB	B SS LYPS Trans	CA
622	LY	LY-HV009	TM, 66kV CB	A SS LYPS Trans	CA
623	LY	LY-HV010	TM&TM, 66 kV Double CB	LY SUB LY NO. 3 66KV FDR	CA

Column 1 Item	*Column 2 Station*	*Column 3 Bay No*	*Column 4 Asset Type*	*Column 5 Location / Description*	*Column 6 TN or CA*
624	LY	LY-HV011	TM, 66kV CB	No. 2 Cap Bank CB	TN
625	LY	LY-HV012	YV, 66kV Cap Bank 25 - 50 MVar	No. 2 Cap Bank	TN
626	LY	LY-HV013	TM, 66kV CB	No. 1 Cap Bank CB	TN
627	LY	LY-HV014	YV, 66kV Cap Bank 25 - 50 MVar	No. 1 Cap Bank	TN
628	LYPS	LYPS-EHV001	TC, 500kV Single CB	LYPS A No. 1 Gen Trans	CA
629	LYPS	LYPS-EHV002	TB&TB, 500kV Double CB	LYPS A No. 2 Gen Trans	CA
630	LYPS	LYPS-EHV003	TB&TB, 500kV Double CB	HWTS No. 1 Line	TN
631	LYPS	LYPS-EHV004	TB&TB, 500kV Double CB	LYPS A No. 3 Gen Trans	CA
632	LYPS	LYPS-EHV005	TC, 500kV Single CB	HWTS No. 2 Line	TN
633	LYPS	LYPS-EHV006	TC, 500kV Single CB	LYPS A No. 4 Gen Trans	CA
634	LYPS	LYPS-EHV007	TC, 500kV Single CB	2-4 Bus Tie CB	TN
635	LYPS	LYPS-EHV008	TD, 500kV Tee Off	1-3 Bus Tie TO	TN
636	LYPS	LYPS-EHV009	TC, 500kV Single CB	HWTS No. 3 Line	TN
637	LYPS	LYPS-EHV010	TB&TB, 500kV Double CB	Bass Link	CA
638	LYPS	LYPS-EHV011	TC, 500kV Single CB	LYPS B No. 1 Gen Trans	CA
639	LYPS	LYPS-EHV012	TB&TB, 500kV Double CB	LYPS B No. 2 Gen Trans	CA
640	LYPS	LYPS-EHV013	TC, 500kV Single CB	VPGS No. 1 Trans	CA
641	MBTS	MBTS-B1	YJ, 220/66kV 75 MVA	B1 Transformer	CA
642	MBTS	MBTS-B2	YJ, 220/66kV 75 MVA	B2 Transformer	CA
643	MBTS	MBTS-EHV001	TK, 220kV Single CB	DDTS No. 2 Line	TN
644	MBTS	MBTS-EHV002	TK, 220kV Single CB	DDTS No. 1 Line	TN
645	MBTS	MBTS-EHV003	TL, 220kV Tee Off		CA
646	MBTS	MBTS-EHV004	TK, 220kV Single CB		CA
647	MBTS	MBTS-EHV005	TK, 220kV Single CB	DPS Line	TN
648	MBTS	MBTS-EHV006	TK, 220kV Single CB	MKPS Line	TN
649	MBTS	MBTS-EHV007	TK, 220kV Single CB		TN
650	MBTS	MBTS-EHV008	TK, 220kV Single CB	EPS No. 1 Line	TN
651	MBTS	MBTS-EHV009	TK, 220kV Single CB	EPS No. 2 Line	TN
652	MBTS	MBTS-EHV010	TK, 220kV Single CB	WKPS Line	TN
653	MBTS	MBTS-HV001	TM, 66kV CB		CA
654	MBTS	MBTS-HV002	TM, 66kV CB		CA
655	MBTS	MBTS-HV003	TM, 66kV CB		CA
656	MBTS	MBTS-HV004	TM, 66kV CB		CA
657	MBTS	N/A	12 fibre OPGW from MBTS to MKPS		TN
658	MBTS	N/A	6 fibre OPGW from MBTS to WKPS		TN
659	MLTS	MLTS-A1	YA, 500kV 1000 MVA 4x1ph Auto Tx	A1 Transformer	TN
660	MLTS	MLTS-A2	YA, 500kV 1000 MVA 3x1ph Auto Tx	A2 Transformer	TN

Column 1 Item	Column 2 Station	Column 3 Bay No	Column 4 Asset Type	Column 5 Location / Description	Column 6 TN or CA
661	MLTS	MLTS-EHV001	TA, 500kV 1&1/2 CB	SYTS No. 1 Line	TN
662	MLTS	MLTS-EHV002	TA, 500kV 1&1/2 CB		TN
663	MLTS	MLTS-EHV003	TA, 500kV 1&1/2 CB	HYTS No. 1 Line	TN
664	MLTS	MLTS-EHV004	TA, 500kV 1&1/2 CB	SYTS No. 2 Line	TN
665	MLTS	MLTS-EHV005	TA, 500kV 1&1/2 CB		TN
666	MLTS	MLTS-EHV006	TA, 500kV 1&1/2 CB	HYTS No. 2 Line	TN
667	MLTS	MLTS-EHV007	TB&TB, 500kV Double CB	A1 Transformer EHVCB	TN
668	MLTS	MLTS-EHV008	TC, 500kV Single CB	A2 Transformer EHVCB	TN
669	MLTS	MLTS-EHV009	TD, 500kV Tee Off	No. 1 Shunt Reactor TO	TN
670	MLTS	MLTS-EHV010	500kV Reactor 100 MVA	No. 1 Shunt Reactor	TN
671	MLTS	MLTS-EHV011	TD, 500kV Tee Off	No. 2 Shunt Reactor TO	TN
672	MLTS	MLTS-EHV012	500kV Reactor 100 MVA	No. 2 Shunt Reactor	TN
673	MLTS	MLTS-EHV013	TK, 220kV Single CB	BATS No. 2 Line	TN
674	MLTS	MLTS-EHV014	TI, 220kV 1&1/2 CB	BATS No. 1 Line	TN
675	MLTS	MLTS-EHV015	TI, 220kV 1&1/2 CB		TN
676	MLTS	MLTS-EHV016	TI, 220kV 1&1/2 CB	TGTS Line	TN
677	MLTS	MLTS-EHV017	TK, 220kV Single CB	220kV Shunt Reactor TO	TN
678	MLTS	MLTS-EHV018	220kV Reactor 100 MVA	220kV Shunt Reactor	TN
679	MLTS	MLTS-EHV019	TI, 220kV 1&1/2 CB	A1 Transformer EHVCB	TN
680	MLTS	MLTS-EHV020	TI, 220kV 1&1/2 CB		TN
681	MLTS	MLTS-EHV021	TI, 220kV 1&1/2 CB	GTS No. 2 Line	TN
682	MLTS	MLTS-EHV022	TI, 220kV 1&1/2 CB	A2 Transformer EHVCB	TN
683	MLTS	MLTS-EHV023	TI, 220kV 1&1/2 CB		TN
684	MLTS	MLTS-EHV024	TI, 220kV 1&1/2 CB	GTS No. 1 Line	TN
685	MLTS	MLTS-EHV025	TK, 220kV Single CB	No. 1 Cap Bank CB	TN
686	MLTS	MLTS-EHV026	220kV Cap Bank 150 MVar	No. 1 Cap Bank	TN
687	MLTS	MLTS-EHV027	TK, 220kV Single CB	No. 2 Cap Bank CB	TN
688	MLTS	MLTS-EHV028	220kV Cap Bank 150 MVar	No. 2 Cap Bank	TN
689	MPS	MPS-EHV001	TL, 220kV Tee Off	HWPS Line	TN
690	MPS	MPS-EHV002	TL, 220kV Tee Off	HWPS Line	TN
691	MTS	MTS-B1	220/66 kV 225 MVA	B1 Transformer	CA
692	MTS	MTS-B3	220/66 kV 225 MVA	B2 Transformer	CA
693	MTS	MTS-EHV001	TK, 220kV Single CB	ROTS No. 1 line	TN
694	MTS	MTS-EHV002	TK, 220kV Single CB	ROTS No. 1 line	TN
695	MTS	MTS-EHV003	TK, 220kV Single CB	ROTS No. 3 line	TN
696	MTS	MTS-EHV004	TK, 220kV Single CB	ROTS No. 3 line	TN
697	MTS	MTS-HV001	TM, 66kV CB	B1 Transformer HVCB	CA
698	MTS	MTS-HV002	TM, 66kV CB		CA
699	MTS	MTS-HV003	TM, 66kV CB	1-2 Bus Tie CB	CA
700	MTS	MTS-HV004	TM, 66kV CB	B3 Transformer HVCB	CA
701	MTS	MTS-HV005	TM, 66kV CB		CA
702	MTS	MTS-HV006	TM, 66kV CB	MTS SUB EM 66KV FDR	CA

Column 1 Item	*Column 2 Station*	*Column 3 Bay No*	*Column 4 Asset Type*	*Column 5 Location / Description*	*Column 6 TN or CA*
703	MTS	MTS-HV007	TM, 66kV CB	MTS SUB OR 66KV FDR	CA
704	MTS	MTS-HV008	TM, 66kV CB	MTS SUB OAK 66KV FDR	CA
705	MTS	MTS-HV009	TM, 66kV CB	MTS SUB EL 66KV FDR	CA
706	MTS	MTS-HV010	TO, 22kV CB	U1 Transformer HVCB	CA
707	MTS	MTS-HV011	TO, 22kV CB	1-2 Bus Tie CB	CA
708	MTS	MTS-HV012	TO, 22kV CB	2-3 Bus Tie CB	CA
709	MTS	MTS-HV013	TO, 22kV CB	U2 Transformer HVCB	CA
710	MTS	MTS-HV014	TO, 22kV CB	MTS SUB BW 22KV FDR	CA
711	MTS	MTS-HV015	TO, 22kV CB	MTS SUB T 22KV FDR	CA
712	MTS	MTS-HV016	TO, 22kV CB	MTS SUB VR CAUL'D 22KV FDR	CA
713	MTS	MTS-HV017	TO, 22kV CB	MTS SUB VR CAUL'D SUB T 22KV FDR	CA
714	MTS	MTS-HV018	TO, 22kV CB	MTS SUB BW/SH 22KV FDR	CA
715	MTS	MTS-HV019	TO, 22kV CB	MTS SUB VR ASH'N E MALV 22KV FDR	CA
716	MTS	MTS-HV020	TO, 22kV CB	MTS SUB SH 22KV FDR	CA
717	MTS	MTS-HV021	TO, 22kV CB	MTS SUB BW 22KV FDR	CA
718	MTS	MTS-HV022	TO, 22kV CB	MTS SUB VR GARDINER 22KV FDR	CA
719	MTS	MTS-HV023	TO, 22kV CB	MTS SUB T 22KV FDR	CA
720	MTS	MTS-U1	XD, 66/22 kV41-60 MVA	U1 Transformer	CA
721	MTS	MTS-U2	XD, 66/22 kV41-60 MVA	U2 Transformer	CA
722	MWTS	MWTS-B1	YI, 220/66 kV 150 MVA	B1 Transformer	CA
723	MWTS	MWTS-B2	YI, 220/66 kV 150 MVA	B2 Transformer	CA
724	MWTS	MWTS-B3	YI, 220/66 kV 150 MVA	B3 Transformer	CA
725	MWTS	MWTS-HV001	TM, 66kV CB	MWTS SUB LGA NO. 2 66KV FDR	CA
726	MWTS	MWTS-HV002	TM, 66kV CB		CA
727	MWTS	MWTS-HV003	TM, 66kV CB	MWTS SUB LGA NO. 1/ FTR 66KV FDR	CA
728	MWTS	MWTS-HV004	TM&TM, 66 kV Double CB	MWTS SUB LY NO. 4 66KV FDR	TN
729	MWTS	MWTS-HV005	TM, 66kV CB	B3 Transformer HVCB	CA
730	MWTS	MWTS-HV006	TM, 66kV CB	MWTS SUB LY NO. 3 66KV FDR	TN
731	MWTS	MWTS-HV007	TM, 66kV CB	MWTS SUB TGN NO. 2 66KV FDR	CA
732	MWTS	MWTS-HV008	TM, 66kV CB	MWTS SUB YPS NO. 2 66KV FDR	CA
733	MWTS	MWTS-HV009	TM, 66kV CB	MWTS SUB MWN/MWS NO. 1 66KV FDR	CA
734	MWTS	MWTS-HV010	TM, 66kV CB	Series Reactor CB	TN
735	MWTS	MWTS-HV011	220kV Reactor 100 MVA	Series Reactor	TN

Column 1 Item	Column 2 Station	Column 3 Bay No	Column 4 Asset Type	Column 5 Location / Description	Column 6 TN or CA
736	MWTS	MWTS-HV012	TM, 66kV CB	MWTS SUB APM NO. 2 66KV FDR	CA
737	MWTS	MWTS-HV013	TM, 66kV CB	1-4 Bus Tie CB	CA
738	MWTS	MWTS-HV014	TM, 66kV CB	2-3 Bus Tie CB	CA
739	MWTS	MWTS-HV015	TM, 66kV CB	B2 Transformer HVCB	CA
740	MWTS	MWTS-HV016	TM, 66kV CB	MWTS SUB MWN/MWS NO. 2 66KV FDR	CA
741	MWTS	MWTS-HV017	TM, 66kV CB	B1 Transformer HVCB	CA
742	MWTS	MWTS-HV018	TM, 66kV CB	MWTS SUB YPS NO. 1 66KV FDR	CA
743	MWTS	MWTS-HV019	TM, 66kV CB	MWTS SUB SLE 66KV FDR	CA
744	MWTS	MWTS-HV020	TM, 66kV CB	MWTS SUB TGN NO. 1 66KV FDR	CA
745	MWTS	MWTS-HV021	TM&TM, 66 kV Double CB	MWTS SUB MFA 66KV FDR	CA
746	MWTS	MWTS-HV022	TM, 66kV CB	MWTS SUB LY NO. 2 66KV FDR	TN
747	MWTS	MWTS-HV023	TM, 66kV CB	MWTS SUB LY NO. 1 66KV FDR	TN
748	MWTS	MWTS-HV024	TM, 66kV CB	MWTS SUB FTR 66KV FDR	CA
749	MWTS	MWTS-HV025	TM, 66kV CB	MWTS SUB MOE 66KV FDR	CA
750	MWTS	MWTS-HV026	TM, 66kV CB	MWTS SUB LGA NO. 3 66KV FDR	CA
751	MWTS	MWTS-HV027	TM, 66kV CB		CA
752	MWTS	MWTS-HV028	TM, 66kV CB	MWTS SUB APM NO. 1 66KV FDR	CA
753	MWTS	MWTS-HV029	TM, 66kV CB		CA
754	MWTS	MWTS-HV030	TM, 66kV CB	Series Reactor CB	TN
755	MWTS	MWTS-HV031	220kV Reactor 100 MVA	Series Reactor	TN
756	NPSD	NPSD-EHV001	TJ&TJ, 220kV Double CB - GIS	Generator Transformer	CA
757	NPSD	NPSD-EHV002	TK, 220kV Single CB - GIS	FBTS Line	TN
758	NPSD	NPSD-EHV003	TK, 220kV Single CB - GIS	BLTS Line	TN
759	NPSD	NPSD-EHV004	TJ, 220kV Double CB - GIS	1-2 Bus Tie CB	TN
760	NPSD	NPSD-EHV005	TJ, 220kV Double CB - GIS	1-2 Bus Tie CB	TN
761	RCTS	RCTS-003	YI, 220/66 kV 150 MVA	No. 3 Transformer	CA
762	RCTS	RCTS-01A	YK, 220/66kV 35 MVA	No. 1A Transformer	CA
763	RCTS	RCTS-01B	YJ, 220/66kV 75 MVA	No. 1B Transformer	CA
764	RCTS	RCTS-02A	YK, 220/66kV 35 MVA	No. 2A Transformer	CA
765	RCTS	RCTS-02B	YJ, 220/66kV 75 MVA	No. 2B Transformer	CA
766	RCTS	RCTS-EHV001	TJ&TJ, 220kV Double CB	No. 3 Transformer EHVCB	CA

Column 1 Item	*Column 2 Station*	*Column 3 Bay No*	*Column 4 Asset Type*	*Column 5 Location / Description*	*Column 6 TN or CA*
767	RCTS	RCTS-EHV002	TK&TL, 220kV CB & Tee Off	BSS Line	TN
768	RCTS	RCTS-EHV003	TK, 220kV Single CB	No. 2 Transformer EHVCB	CA
769	RCTS	RCTS-EHV004	TJ&TJ, 220kV Double CB	Murraylink Connection	CA
770	RCTS	RCTS-EHV005	TK, 220kV Single CB	No. 1 Cap Bank CB	TN
771	RCTS	RCTS-EHV006	220kV Cap Bank 40 MVar	No. 1 Cap Bank	TN
772	RCTS	RCTS-EHV007	TK, 220kV Single CB	KGTS Line	TN
773	RCTS	RCTS-EHV008	TK, 220kV Single CB	HOTS Line	TN
774	RCTS	RCTS-EHV009	TK, 220kV Single CB	No. 1 Transformer EHVCB	CA
775	RCTS	RCTS-EHV010	TK, 220kV Single CB	No. 2 Cap Bank CB	TN
776	RCTS	RCTS-EHV011	220kV Cap Bank 40 MVar	No. 2 Cap Bank	TN
777	RCTS	RCTS-HV001	TM, 66kV CB	No. 1 Transformer HVCB	CA
778	RCTS	RCTS-HV002	TM, 66kV CB	No. 1 Shunt Reactor CB	TN
779	RCTS	RCTS-HV003	YO, 66kV Reactor 15 MVar	No. 1 Shunt Reactor	TN
780	RCTS	RCTS-HV004	TM, 66kV CB	No. 1 Cap Bank CB	TN
781	RCTS	RCTS-HV005	YU, 66kV Cap Bank up to 25 MVar	No. 1 Cap Bank	TN
782	RCTS	RCTS-HV006	TM, 66kV CB	1-2 Bus Tie CB	CA
783	RCTS	RCTS-HV007	TM, 66kV CB	No. 2 Cap Bank CB	TN
784	RCTS	RCTS-HV008	YU, 66kV Cap Bank up to 25 MVar	No. 2 Cap Bank	TN
785	RCTS	RCTS-HV009	TM, 66kV CB	No. 2 Shunt Reactor CB	TN
786	RCTS	RCTS-HV010	YO, 66kV Reactor 15 MVar	No. 2 Shunt Reactor	TN
787	RCTS	RCTS-HV011	TM, 66kV CB	No. 2 Transformer HVCB	CA
788	RCTS	RCTS-HV012	TM, 66kV CB	No. 3 Shunt Reactor CB	TN
789	RCTS	RCTS-HV013	YO, 66kV Reactor 15 MVar	No. 3 Shunt Reactor	TN
790	RCTS	RCTS-HV014	TM, 66kV CB	No. 3 Transformer HVCB	CA
791	RCTS	RCTS-HV015	TM, 66kV CB	RCTS SUB MDA 66KV FDR	CA
792	RCTS	RCTS-HV016	TM, 66kV CB	RCTS SUB HTH 66KV FDR	CA
793	RCTS	RCTS-HV017	TM, 66kV CB	RCTS SUB MBN 66KV FDR	CA
794	RCTS	RCTS-HV018	TM, 66kV CB	RCTS SUB RVL 66KV FDR	CA
795	RCTS	RCTS-HV019	TO, 22kV CB	No. 3 Transformer HVCB	CA
796	RCTS	RCTS-HV020	TO, 22kV CB	No. 2 Cap Bank CB	TN
797	RCTS	RCTS-HV021	XH, 22kV 7 - 12 MVar	No. 2 Cap Bank	TN
798	RCTS	RCTS-HV022	TO, 22kV CB	No. 2 Transformer HVCB	CA
799	RCTS	RCTS-HV023	TO, 22kV CB	1-2 Bus Tie CB	CA
800	RCTS	RCTS-HV024	TO, 22kV CB	No. 1 Cap Bank CB	TN
801	RCTS	RCTS-HV025	XH, 22kV 7 - 12 MVar	No. 1 Cap Bank	TN
802	RCTS	RCTS-HV026	TO, 22kV CB	No. 1 Transformer HVCB	CA

Column 1 Item	Column 2 Station	Column 3 Bay No	Column 4 Asset Type	Column 5 Location / Description	Column 6 TN or CA
803	ROTS	ROTS-A1	YA, 500kV 1000 MVA 3x1ph Auto Tx	A1 Transformer	TN
804	ROTS	ROTS-A2	YA, 500kV 1000 MVA 3x1ph Auto Tx	A2 Transformer	TN
805	ROTS	ROTS-EHV001	TA, 500kV 1&1/2 CB	CBTS No. 4 Line	TN
806	ROTS	ROTS-EHV002	TA, 500kV 1&1/2 CB		TN
807	ROTS	ROTS-EHV003	TA, 500kV 1&1/2 CB	SMTS No. 3 Line	TN
808	ROTS	ROTS-EHV004	TA, 500kV 1&1/2 CB	HWTS No. 3 Line	TN
809	ROTS	ROTS-EHV005	TA, 500kV 1&1/2 CB		TN
810	ROTS	ROTS-EHV006	TA, 500kV 1&1/2 CB	A1 Transformer EHVCB	TN
811	ROTS	ROTS-EHV007	TB&TB, 500kV Double CB	A2 Transformer EHVCB	TN
812	ROTS	ROTS-EHV008	TK, 220kV Single CB	No. 2 Cap Bank CB	TN
813	ROTS	ROTS-EHV009	220kV Cap Bank 200 MVar	No. 2 Cap Bank	TN
814	ROTS	ROTS-EHV010	TK, 220kV Single CB	No. 1 Cap Bank CB	TN
815	ROTS	ROTS-EHV011	220kV Cap Bank 200 MVar	No. 1 Cap Bank	TN
816	ROTS	ROTS-EHV012	TJ&TJ, 220kV Double CB	A2 Transformer EHVCB	TN
817	ROTS	ROTS-EHV013	TJ&TJ, 220kV Double CB	TTS Line	TN
818	ROTS	ROTS-EHV014	TI, 220kV 1&1/2 CB	ERTS No. 2 line	TN
819	ROTS	ROTS-EHV015	TI, 220kV 1&1/2 CB		TN
820	ROTS	ROTS-EHV016	TI, 220kV 1&1/2 CB	HWPS No. 1 Line	TN
821	ROTS	ROTS-EHV017	TI, 220kV 1&1/2 CB	ERTS No. 1 line	TN
822	ROTS	ROTS-EHV018	TI, 220kV 1&1/2 CB		TN
823	ROTS	ROTS-EHV019	TI, 220kV 1&1/2 CB	HWPS No. 2 Line	TN
824	ROTS	ROTS-EHV020	TJ&TJ, 220kV Double CB	RTS No. 1 line	TN
825	ROTS	ROTS-EHV021	TI, 220kV 1&1/2 CB	RTS No. 4 line	TN
826	ROTS	ROTS-EHV022	TI, 220kV 1&1/2 CB		TN
827	ROTS	ROTS-EHV023	TI, 220kV 1&1/2 CB	YPS No. 5 Line	TN
828	ROTS	ROTS-EHV024	TI, 220kV 1&1/2 CB	SVTS No. 2 line	TN
829	ROTS	ROTS-EHV025	TI, 220kV 1&1/2 CB		TN
830	ROTS	ROTS-EHV026	TI, 220kV 1&1/2 CB	No. 1 SVC EHVCB	TN
831	ROTS	ROTS-EHV027	YX, 220kV 100 MVar SVC	No. 1 SVC	TN
832	ROTS	ROTS-EHV028	TK, 220kV Single CB	MTS No. 1 Line	TN
833	ROTS	ROTS-EHV029	TK, 220kV Single CB	A2 Transformer EHVCB	TN
834	ROTS	ROTS-EHV030	TI, 220kV 1&1/2 CB	A1 Transformer EHVCB	TN
835	ROTS	ROTS-EHV031	TI, 220kV 1&1/2 CB		TN
836	ROTS	ROTS-EHV032	TI, 220kV 1&1/2 CB	No. 2 SVC EHVCB	TN
837	ROTS	ROTS-EHV033	YX, 220kV 100 MVar SVC	No. 2 SVC	TN
838	ROTS	ROTS-EHV034	TI, 220kV 1&1/2 CB	TSTS Line	TN
839	ROTS	ROTS-EHV035	TI, 220kV 1&1/2 CB		TN
840	ROTS	ROTS-EHV036	TI, 220kV 1&1/2 CB	YPS No. 6 Line Line	TN
841	ROTS	ROTS-EHV037	TI, 220kV 1&1/2 CB	RWTS Line	TN
842	ROTS	ROTS-EHV038	TI, 220kV 1&1/2 CB		TN

Column 1 Item	*Column 2 Station*	*Column 3 Bay No*	*Column 4 Asset Type*	*Column 5 Location / Description*	*Column 6 TN or CA*
843	ROTS	ROTS-EHV039	TI, 220kV 1&1/2 CB	YPS No. 7 Line Line	TN
844	ROTS	ROTS-EHV040	TI, 220kV 1&1/2 CB	SVTS No. 1 Line	TN
845	ROTS	ROTS-EHV041	TI, 220kV 1&1/2 CB		TN
846	ROTS	ROTS-EHV042	TI, 220kV 1&1/2 CB	YPS No. 8 Line Line	TN
847	ROTS	ROTS-EHV043	TK, 220kV Single CB	MTS No. 3 Line	TN
848	ROTS	ROTS-EHV044	TK, 220kV Single CB	No. 3 Cap Bank CB	TN
849	ROTS	ROTS-EHV045	220kV Cap Bank 200 MVar	No. 3 Cap Bank	TN
850	ROTS	ROTS-EHV046	500kV SF6 Bus Duct, ROTS		TN
851	ROTS	ROTS-EHV047	500kV SF6 Bus Duct, ROTS		TN
852	ROTS	ROTS-EHV048	500kV SF6 Bus Duct, ROTS		TN
853	RTS	RTS-B1	YI, 220/66 kV 150 MVA	B1 Transformer	CA
854	RTS	RTS-B2	YI, 220/66 kV 150 MVA	B2 Transformer	CA
855	RTS	RTS-B3	YI, 220/66 kV 150 MVA	B3 Transformer	CA
856	RTS	RTS-B4	YI, 220/66 kV 150 MVA	B4 Transformer	CA
857	RTS	RTS-EHV001	TK, 220kV Single CB	ROTS No. 1 Line	TN
858	RTS	RTS-EHV002	TL, 220kV Tee Off	L1 Transformer EHVTO	CA
859	RTS	RTS-EHV003	TL, 220kV Tee Off	B1 Transformer EHVTO	CA
860	RTS	RTS-EHV004	TK, 220kV Single CB	1-2A Bus Tie CB	TN
861	RTS	RTS-EHV005	TL, 220kV Tee Off	B2 Transformer EHVTO	CA
862	RTS	RTS-EHV006	TL, 220kV Tee Off	2A-2B Bus Tie TO	TN
863	RTS	RTS-EHV007	TK, 220kV Single CB	BTS Line	TN
864	RTS	RTS-EHV008	TK, 220kV Single CB	2B-4 Bus Tie CB	TN
865	RTS	RTS-EHV009	TL, 220kV Tee Off	B4 Transformer EHVTO	CA
866	RTS	RTS-EHV010	TK, 220kV Single CB	3-4 Bus Tie CB	TN
867	RTS	RTS-EHV011	TL, 220kV Tee Off	B3 Transformer EHVTO	CA
868	RTS	RTS-EHV012	TL, 220kV Tee Off	L2 Transformer EHVTO	CA
869	RTS	RTS-EHV013	TK, 220kV Single CB	ROTS No. 4 Line	TN
870	RTS	RTS-HV001	TM, 66kV CB	6-1 Bus Tie CB	CA
871	RTS	RTS-HV002	TM, 66kV CB	No. 1 Cap Bank CB	TN
872	RTS	RTS-HV003	YV, 66kV Cap Bank 25 - 50 MVar	No. 1 Cap Bank	TN
873	RTS	RTS-HV004	TM, 66kV CB	B1 Transformer HVCB	CA
874	RTS	RTS-HV005	TM, 66kV CB	1-2 Bus Tie CB	CA
875	RTS	RTS-HV006	TM, 66kV CB	B4 Transformer HVCB	CA
876	RTS	RTS-HV007	TM, 66kV CB	2-3 Bus Tie CB	CA
877	RTS	RTS-HV008	TM, 66kV CB	B3 Transformer HVCB	CA
878	RTS	RTS-HV009	TM, 66kV CB	3-4 Bus Tie CB	CA
879	RTS	RTS-HV010	TM, 66kV CB	No. 4 Cap Bank CB	TN
880	RTS	RTS-HV011	YV, 66kV Cap Bank 25 - 50 MVar	No. 4 Cap Bank	TN
881	RTS	RTS-HV012	TM, 66kV CB	B4 Transformer HVCB	CA
882	RTS	RTS-HV013	TM, 66kV CB	4-5 Bus Tie CB	CA
883	RTS	RTS-HV014	TM, 66kV CB	RTS SUB FR NO. 3 66KV FDR	CA

Column 1 Item	Column 2 Station	Column 3 Bay No	Column 4 Asset Type	Column 5 Location / Description	Column 6 TN or CA
884	RTS	RTS-HV015	TM, 66kV CB	RTS SUB EW 66KV FDR	CA
885	RTS	RTS-HV016	TM, 66kV CB	RTS SUB FR NO. 2 66KV FDR	CA
886	RTS	RTS-HV017	TM, 66kV CB	RTS SUB FR NO. 1 66KV FDR	CA
887	RTS	RTS-HV018	TM, 66kV CB	RTS SUB SK 66KV FDR	CA
888	RTS	RTS-HV019	TM, 66kV CB	RTS SUB NR 66KV FDR	CA
889	RTS	RTS-HV020	TM, 66kV CB	RTS SUB CL 66KV FDR	CA
890	RTS	RTS-HV021	TM, 66kV CB	RTS SUB AR 66KV FDR	CA
891	RTS	RTS-HV022	TM, 66kV CB	RTS SUB K 66KV FDR	CA
892	RTS	RTS-HV023	TM, 66kV CB	RTS SUB CW 66KV FDR	CA
893	RTS	RTS-HV024	TM, 66kV CB	RTS SUB TK 66KV FDR	CA
894	RTS	RTS-HV025	TO, 22kV CB		CA
895	RTS	RTS-HV026	TO, 22kV CB		CA
896	RTS	RTS-HV027	TO, 22kV CB		CA
897	RTS	RTS-HV028	TO, 22kV CB		CA
898	RTS	RTS-HV029	TO, 22kV CB		CA
899	RTS	RTS-HV030	TO, 22kV CB		CA
900	RTS	RTS-HV031	TO, 22kV CB		CA
901	RTS	RTS-HV032	TO, 22kV CB		CA
902	RTS	RTS-HV033	TO, 22kV CB	SCC Supply	TN
903	RTS	RTS-HV034	TO, 22kV CB	FDR 134	CA
904	RTS	RTS-HV035	TO, 22kV CB	FDR 152	CA
905	RTS	RTS-HV036	TO, 22kV CB	FDR 135	CA
906	RTS	RTS-HV037	TO, 22kV CB		CA
907	RTS	RTS-HV038	TO, 22kV CB	FDR 129	CA
908	RTS	RTS-HV039	TO, 22kV CB	FDR 136	CA
909	RTS	RTS-HV040	TO, 22kV CB	FDR 130	CA
910	RTS	RTS-HV041	TO, 22kV CB	FDR 153	CA
911	RTS	RTS-HV042	TO, 22kV CB	No. 3 S/S Trans	CA
912	RTS	RTS-HV043	TO, 22kV CB	FDR 123	CA
913	RTS	RTS-HV044	TO, 22kV CB	FDR 137	CA
914	RTS	RTS-HV045	TO, 22kV CB	No. 1 S/S Trans	CA
915	RTS	RTS-HV046	TO, 22kV CB	FDR 125	CA
916	RTS	RTS-HV047	TO, 22kV CB	FDR 151	CA
917	RTS	RTS-HV048	TO, 22kV CB	FDR 124	CA
918	RTS	RTS-HV049	TO, 22kV CB	Citylink Feeder	CA
919	RTS	RTS-L1	YI, 220/22kV 150 MVA	L1 Transformer	CA
920	RTS	RTS-L2	YI, 220/22kV 150 MVA	L2 Transformer	CA
921	RWTS	RWTS-B1	YI, 220/66 kV 150 MVA	B1 Transformer	CA
922	RWTS	RWTS-B2	YI, 220/66 kV 150 MVA	B2 Transformer	CA
923	RWTS	RWTS-B3	YI, 220/66 kV 150 MVA	B3 Transformer	CA
924	RWTS	RWTS-B4	YI, 220/66 kV 150 MVA	B4 Transformer	CA
925	RWTS	RWTS-EHV001	TJ&TJ, 220kV Double CB	TTS Line	TN
926	RWTS	RWTS-EHV002	TK, 220kV Single CB	L2 Transformer EHVCB	CA
927	RWTS	RWTS-EHV003	TJ&TJ, 220kV Double CB	ROTS Line	TN

Column 1 Item	*Column 2 Station*	*Column 3 Bay No*	*Column 4 Asset Type*	*Column 5 Location / Description*	*Column 6 TN or CA*
928	RWTS	RWTS-EHV004	TK, 220kV Single CB	L3 Transformer EHVCB	CA
929	RWTS	RWTS-EHV005	TK, 220kV Single CB	No. 2 Cap Bank CB	TN
930	RWTS	RWTS-EHV006	220kV Cap Bank 200 MVar	No. 2 Cap Bank	TN
931	RWTS	RWTS-EHV007	TJ&TJ, 220kV Double CB	B1 Transformer EHVCB	CA
932	RWTS	RWTS-EHV008	TJ&TJ, 220kV Double CB	B2 Transformer EHVCB	CA
933	RWTS	RWTS-EHV009	TK, 220kV Single CB	B4 Transformer EHVCB	CA
934	RWTS	RWTS-EHV010	TK, 220kV Single CB	B3 Transformer EHVCB	CA
935	RWTS	RWTS-HV001	TM, 66kV CB	No. 2A Cap Bank CB	TN
936	RWTS	RWTS-HV002	YV, 66kV Cap Bank 25 - 50 MVar	No. 2A Cap Bank	TN
937	RWTS	RWTS-HV003	TM, 66kV CB	No. 2B Cap Bank CB	TN
938	RWTS	RWTS-HV004	YV, 66kV Cap Bank 25 - 50 MVar	No. 2B Cap Bank	TN
939	RWTS	RWTS-HV005	TM, 66kV CB	B3 Transformer HVCB	CA
940	RWTS	RWTS-HV006	TM, 66kV CB	2-4 Bus Tie CB	CA
941	RWTS	RWTS-HV007	TM, 66kV CB	B4 Transformer HVCB	CA
942	RWTS	RWTS-HV008	TM, 66kV CB	3-4 Bus Tie CB	CA
943	RWTS	RWTS-HV009	TM, 66kV CB	B2 Transformer HVCB	CA
944	RWTS	RWTS-HV010	TM, 66kV CB	1-3 Bus Tie CB	CA
945	RWTS	RWTS-HV011	TM, 66kV CB	B1 Transformer HVCB	CA
946	RWTS	RWTS-HV012	TM, 66kV CB	L1 Transformer HVCB	CA
947	RWTS	RWTS-HV013	TM, 66kV CB	1-2 Bus Tie CB	CA
948	RWTS	RWTS-HV014	TM, 66kV CB	RWTS SUB RWN NO. 2 66KV FDR	CA
949	RWTS	RWTS-HV015	TM, 66kV CB	RWTS SUB NW 66KV FDR	CA
950	RWTS	RWTS-HV016	TM, 66kV CB	RWTS SUB LDL NO. 1 66KV FDR	CA
951	RWTS	RWTS-HV017	TM, 66kV CB	RWTS SUB BH 66KV FDR	CA
952	RWTS	RWTS-HV018	TM, 66kV CB	RWTS SUB RWN NO. 1 66KV FDR	CA
953	RWTS	RWTS-HV019	TM, 66kV CB	RWTS SUB LDL NO. 2 66KV FDR	CA
954	RWTS	RWTS-HV020	TM, 66kV CB	RWTS SRR 66KV FDR	CA
955	RWTS	RWTS-HV021	TM, 66kV CB	RWTS SUB BRA 66KV FDR	CA
956	RWTS	RWTS-HV022	TM, 66kV CB	RWTS SUB CYN NO. 2 66KV FDR	CA
957	RWTS	RWTS-HV023	TM, 66kV CB	RWTS SUB BWR 66KV FDR	CA
958	RWTS	RWTS-HV024	TM, 66kV CB	RWTS SUB CYN NO. 1 66KV FDR	CA
959	RWTS	RWTS-HV025	TO, 22kV CB	L1 Transformer HVCB	CA
960	RWTS	RWTS-HV026	TO, 22kV CB	L2 Transformer HVCB	CA
961	RWTS	RWTS-HV027	TO, 22kV CB	L3 Transformer HVCB	CA
962	RWTS	RWTS-HV028	TO, 22kV CB	1-2 Bus Tie CB	CA

Column 1 Item	Column 2 Station	Column 3 Bay No	Column 4 Asset Type	Column 5 Location / Description	Column 6 TN or CA
963	RWTS	RWTS-HV029	TO, 22kV CB	No. 1 Cap Bank CB	CA
964	RWTS	RWTS-HV030	XH, 22kV 7 - 12 MVar	No. 1 Cap Bank	CA
965	RWTS	RWTS-HV031	TO, 22kV CB	No. 2 Cap Bank CB	CA
966	RWTS	RWTS-HV032	XH, 22kV 7 - 12 MVar	No. 2 Cap Bank	CA
967	RWTS	RWTS-L1	XD, 66/22 kV 41-60 MVA	L1 Transformer	CA
968	RWTS	RWTS-L2	YJ, 220/66/22kV 75 MVA 4x1ph	L2 Transformer	CA
969	RWTS	RWTS-L3	YJ, 220/66/22kV 75 MVA 3x1ph	L3 Transformer	CA
970	SHTS	SHTS-B2	YI, 220/66 kV 150 MVA	B2 Transformer	CA
971	SHTS	SHTS-B3	YI, 220/66 kV 150 MVA	B3 Transformer	CA
972	SHTS	SHTS-B4	YI, 220/66 kV 150 MVA	B4 Transformer	CA
973	SHTS	SHTS-EHV001	TJ&TJ, 220kV Double CB	FVTS/BETS Line	TN
974	SHTS	SHTS-EHV002	TK&TL, 220kV CB & Tee Off	DDTS Line	TN
975	SHTS	SHTS-EHV003	TJ&TJ, 220kV Double CB	GNTS No. 1 Line	TN
976	SHTS	SHTS-EHV004	TK, 220kV Single CB	GNTS No. 3 Line	TN
977	SHTS	SHTS-EHV005	TJ&TJ, 220kV Double CB	B4 Transformer EHVCB	CA
978	SHTS	SHTS-EHV006	TK, 220kV Single CB	B3 Transformer EHVCB	CA
979	SHTS	SHTS-EHV007	TK, 220kV Single CB	B2 Transformer EHVCB	CA
980	SHTS	SHTS-HV001	TM, 66kV CB	No. 2A Cap Bank CB	TN
981	SHTS	SHTS-HV002	YV, 66kV Cap Bank 25 - 50 MVar	No. 2A Cap Bank	TN
982	SHTS	SHTS-HV003	TM, 66kV CB	No. 2B Cap Bank CB	TN
983	SHTS	SHTS-HV004	YU, 66kV Cap Bank up to 25 MVar	No. 2B Cap Bank	TN
984	SHTS	SHTS-HV005	TM, 66kV CB	B2 Transformer HVCB	CA
985	SHTS	SHTS-HV006	TM, 66kV CB	2-3 Bus Tie CB	CA
986	SHTS	SHTS-HV007	TM, 66kV CB	B3 Transformer HVCB	CA
987	SHTS	SHTS-HV008	TM, 66kV CB	No. 3A Cap Bank CB	TN
988	SHTS	SHTS-HV009	YV, 66kV Cap Bank 25 - 50 MVar	No. 3A Cap Bank	TN
989	SHTS	SHTS-HV010	TM, 66kV CB	No. 3B Cap Bank CB	TN
990	SHTS	SHTS-HV011	YU, 66kV Cap Bank up to 25 MVar	No. 3B Cap Bank	TN
991	SHTS	SHTS-HV012	TM, 66kV CB	3-4 Bus Tie CB	CA
992	SHTS	SHTS-HV013	TM, 66kV CB	4-2 Bus Tie CB	CA
993	SHTS	SHTS-HV014	TM, 66kV CB	B4 Transformer HVCB	CA
994	SHTS	SHTS-HV015	TM, 66kV CB	SHTS SUB KYM NO. 1 66KV FDR	CA
995	SHTS	SHTS-HV016	TM, 66kV CB	SHTS SUB STN 66KV FDR	CA
996	SHTS	SHTS-HV017	TM, 66kV CB	SHTS SUB SHN NO. 2 66KV FDR	CA
997	SHTS	SHTS-HV018	TM, 66kV CB	SHTS SUB NKA NO. 1/ CNA 66KV FDR	CA
998	SHTS	SHTS-HV019	TM, 66kV CB	SHTS SUB NKA NO. 2 66KV FDR	CA

Column 1 Item	*Column 2 Station*	*Column 3 Bay No*	*Column 4 Asset Type*	*Column 5 Location / Description*	*Column 6 TN or CA*
999	SHTS	SHTS-HV020	TM, 66kV CB	SHTS SUB KYM NO. 2 66KV FDR	CA
1000	SHTS	SHTS-HV021	TM, 66kV CB	SHTS SUB MNA 66KV FDR	CA
1001	SHTS	SHTS-HV022	TM, 66kV CB	SHTS SUB SHN NO. 1 66KV FDR	CA
1002	SMTS	N/A	6x 220 kV CBs		TN
1003	SMTS	SMTS-EHV001	TA, 500kV 1&1/2 CB - GIS	SYTS No. 1 Line	TN
1004	SMTS	SMTS-EHV002	TA, 500kV 1&1/2 CB - GIS		TN
1005	SMTS	SMTS-EHV003	TA, 500kV 1&1/2 CB - GIS	HWTS No. 1 Line	TN
1006	SMTS	SMTS-EHV004	TA, 500kV 1&1/2 CB - GIS	SYTS No. 2 Line	TN
1007	SMTS	SMTS-EHV005	TA, 500kV 1&1/2 CB - GIS		TN
1008	SMTS	SMTS-EHV006	TA, 500kV 1&1/2 CB - GIS	HWTS No. 2 Line	TN
1009	SMTS	SMTS-EHV007	TA, 500kV 1&1/2 CB - GIS	KTS Line	TN
1010	SMTS	SMTS-EHV008	TA, 500kV 1&1/2 CB - GIS		TN
1011	SMTS	SMTS-EHV009	TA, 500kV 1&1/2 CB - GIS	ROTS No. 3 Line	TN
1012	SMTS	SMTS-EHV010	TC, 500kV Single CB - GIS		TN
1013	SMTS	SMTS-EHV011	TA, 500kV 1&1/2 CB - GIS	F2 Transformer EHVCB	TN
1014	SMTS	SMTS-EHV012	TA, 500kV 1&1/2 CB - GIS		TN
1015	SMTS	SMTS-EHV013	TA, 500kV 1&1/2 CB - GIS		TN
1016	SMTS	SMTS-EHV014	TG, 330kV Single CB	F2 Transformer EHVCB	TN
1017	SMTS	SMTS-EHV015	TG, 330kV Single CB	H1 Transformer EHVCB	TN
1018	SMTS	SMTS-EHV016	TF&TF, 330kV Double CB	DDTS No. 2 Line	TN
1019	SMTS	SMTS-EHV017	TG, 330kV Single CB	H2 Transformer EHVCB	TN
1020	SMTS	SMTS-EHV018	TF&TF, 330kV Double CB	DDTS No. 1 Line	TN
1021	SMTS	SMTS-EHV019	TG, 330kV Single CB	No. 1 Series Cap Bank CB	TN
1022	SMTS	SMTS-EHV020	330kV Series Cap Bank	No. 1 Series Cap Bank	TN
1023	SMTS	SMTS-EHV021	TG, 330kV Single CB	No. 2 Series Cap Bank CB	TN
1024	SMTS	SMTS-EHV022	330kV Series Cap Bank	No. 2 Series Cap Bank	TN
1025	SMTS	SMTS-F2	YA, 500kV 1000 MVA 4x1ph Auto Tx	F2 Transformer	TN
1026	SMTS	SMTS-H1	YD, 330/220 kV 700 MVA 3x1ph Auto Tx	H1 Transformer	TN
1027	SMTS	SMTS-H2	YD, 330/220 kV 700 MVA 3x1ph Auto Tx	H2 Transformer	TN
1028	SMTS		65x 220 kV post insulators		TN

Column 1 Item	Column 2 Station	Column 3 Bay No	Column 4 Asset Type	Column 5 Location / Description	Column 6 TN or CA
1029	SVTS	SVTS-B1	YI, 220/66 kV 150 MVA	B1 Transformer	CA
1030	SVTS	SVTS-B2	YI, 220/66 kV 150 MVA	B2 Transformer	CA
1031	SVTS	SVTS-B3	YI, 220/66 kV 150 MVA	B3 Transformer	CA
1032	SVTS	SVTS-B4	YI, 220/66 kV 150 MVA	B4 Transformer	CA
1033	SVTS	SVTS-EHV001	TL, 220kV Tee Off	ROTS No. 2 Line	TN
1034	SVTS	SVTS-EHV002	TK, 220kV Single CB	HTS No. 2 Line	TN
1035	SVTS	SVTS-EHV003	TL, 220kV Tee Off	ROTS No. 1 Line	TN
1036	SVTS	SVTS-EHV004	TK, 220kV Single CB	HTS No. 1 Line	TN
1037	SVTS	SVTS-EHV005	TL, 220kV Tee Off	B1 Transformer EHVTO	CA
1038	SVTS	SVTS-EHV006	TL, 220kV Tee Off	B2 Transformer EHVTO	CA
1039	SVTS	SVTS-EHV007	TK, 220kV Single CB	2-4 Bus Tie CB	TN
1040	SVTS	SVTS-EHV008	TK, 220kV Single CB	1-3 Bus Tie CB	TN
1041	SVTS	SVTS-EHV009	TL, 220kV Tee Off	B3 Transformer EHVTO	CA
1042	SVTS	SVTS-EHV010	TL, 220kV Tee Off	B4 Transformer EHVTO	CA
1043	SVTS	SVTS-EHV011	TK, 220kV Single CB	3-4 Bus Tie CB	TN
1044	SVTS	SVTS-HV001	TM, 66kV CB	No. 1 Cap Bank CB	TN
1045	SVTS	SVTS-HV002	YV, 66kV Cap Bank 25 - 50 MVar	No. 1 Cap Bank	TN
1046	SVTS	SVTS-HV003	TM, 66kV CB	B1 Transformer HVCB	CA
1047	SVTS	SVTS-HV004	TM, 66kV CB	1-2 Bus Tie CB	CA
1048	SVTS	SVTS-HV005	TM, 66kV CB	B2 Transformer HVCB	CA
1049	SVTS	SVTS-HV006	TM, 66kV CB	2-3 Bus Tie CB	CA
1050	SVTS	SVTS-HV007	TM, 66kV CB	B3 Transformer HVCB	CA
1051	SVTS	SVTS-HV008	TM, 66kV CB	3-4 Bus Tie CB	CA
1052	SVTS	SVTS-HV009	TM, 66kV CB	B2 Transformer HVCB	CA
1053	SVTS	SVTS-HV010	TM, 66kV CB	No. 4A Cap Bank CB	TN
1054	SVTS	SVTS-HV011	YV, 66kV Cap Bank 25 - 50 MVar	No. 4A Cap Bank	TN
1055	SVTS	SVTS-HV012	TM, 66kV CB	No. 4B Cap Bank CB	TN
1056	SVTS	SVTS-HV013	YV, 66kV Cap Bank 25 - 50 MVar	No. 4B Cap Bank	TN
1057	SVTS	SVTS-HV014	TM, 66kV CB	SVTS SUB EB 66KV FDR	CA
1058	SVTS	SVTS-HV015	TM, 66kV CB	SVTS SUB GW 66KV FDR	CA
1059	SVTS	SVTS-HV016	TM, 66kV CB	4-5 Bus Tie CB	CA
1060	SVTS	SVTS-HV017	TM, 66kV CB	SVTS SUB NO 66KV FDR	CA
1061	SVTS	SVTS-HV018	TM, 66kV CB	SVTS SUB RD 66KV FDR	CA
1062	SVTS	SVTS-HV019	TM, 66kV CB	SVTS SUB OE 66KV FDR	CA
1063	SVTS	SVTS-HV020	TM, 66kV CB	SVTS SUB SVW 66KV FDR	CA
1064	SVTS	SVTS-HV021	TM, 66kV CB	SVTS SUB SS 66KV FDR	CA
1065	SVTS	SVTS-HV022	TM, 66kV CB	1-6 Bus Tie CB	CA

Column 1 Item	*Column 2 Station*	*Column 3 Bay No*	*Column 4 Asset Type*	*Column 5 Location / Description*	*Column 6 TN or CA*
1066	SVTS	SVTS-HV023	TM, 66kV CB	SVTS SUB SV 66KV FDR	CA
1067	SVTS	SVTS-HV024	TM, 66kV CB	SVTS SUB CDA 66KV FDR	CA
1068	SVTS	SVTS-HV025	TM, 66kV CB	SVTS SUB NP 66KV FDR	CA
1069	SYTS	SYTS-EHV001	TA, 500kV 1&1/2 CB - GIS	MLTS No. 1 Line	TN
1070	SYTS	SYTS-EHV002	TA, 500kV 1&1/2 CB - GIS	SMTS No. 1 Line	TN
1071	SYTS	SYTS-EHV003	TD, 500kV Tee Off - GIS		TN
1072	SYTS	SYTS-EHV004	TA, 500kV 1&1/2 CB - GIS	MLTS No. 2 Line	TN
1073	SYTS	SYTS-EHV005	TA, 500kV 1&1/2 CB - GIS		TN
1074	SYTS	SYTS-EHV006	TA, 500kV 1&1/2 CB - GIS	SMTS No. 2 Line	TN
1075	SYTS	SYTS-EHV007	TD, 500kV Tee Off - GIS	KTS Line	TN
1076	TBTS	TBTS-B1	YI, 220/66 kV 150 MVA	B1 Transformer	CA
1077	TBTS	TBTS-B2	YI, 220/66 kV 150 MVA	B2 Transformer	CA
1078	TBTS	TBTS-EHV001	TL, 220kV Tee Off	CBTS No. 2 Line	TN
1079	TBTS	TBTS-EHV002	TL, 220kV Tee Off	CBTS No. 1 Line	TN
1080	TBTS	TBTS-EHV003	TK, 220kV Single CB	B2 Transformer EHVCB	CA
1081	TBTS	TBTS-EHV004	TK, 220kV Single CB	B1 Transformer EHVCB	CA
1082	TBTS	TBTS-EHV005	TK, 220kV Single CB	JLA No. 2 Line	CA
1083	TBTS	TBTS-EHV006	TK, 220kV Single CB	JLA No. 1 Line	CA
1084	TBTS	TBTS-HV001	TM, 66kV CB	B2 Transformer HVCB	CA
1085	TBTS	TBTS-HV002	TM, 66kV CB	1-2 Bus Tie CB	CA
1086	TBTS	TBTS-HV003	TM, 66kV CB	B1 Transformer HVCB	CA
1087	TBTS	TBTS-HV004	TM, 66kV CB	No. 1 Cap Bank CB	TN
1088	TBTS	TBTS-HV005	YV, 66kV Cap Bank 25 - 50 MVar	No. 1 Cap Bank	TN
1089	TBTS	TBTS-HV006	TM, 66kV CB	TBTS SUB MTN 66KV FDR	CA
1090	TBTS	TBTS-HV007	TM, 66kV CB	TBTS SUB HGS NO. 2 66KV FDR	CA
1091	TBTS	TBTS-HV008	TM, 66kV CB	TBTS SUB DMA NO. 1 66KV FDR	CA
1092	TBTS	TBTS-HV009	TM, 66kV CB	TBTS SUB HGS NO. 1 66KV FDR	CA
1093	TBTS	TBTS-HV010	TM, 66kV CB	TBTS FTS LINE BYPASS	CA
1094	TBTS	TBTS-HV011	TM, 66kV CB	TBTS FB-SUB RBD NO.2 66KV FDR	CA
1095	TGTS	TGTS-B1	YI, 220/66 kV 150 MVA	B1 Transformer	CA
1096	TGTS	TGTS-B2	YI, 220/66 kV 150 MVA	B2 Transformer	CA
1097	TGTS	TGTS-EHV001	TJ&TJ, 220kV Double CB	MLTS Line	TN
1098	TGTS	TGTS-EHV002	TJ&TJ, 220kV Double CB	BATS Line	TN

Column 1 Item	Column 2 Station	Column 3 Bay No	Column 4 Asset Type	Column 5 Location / Description	Column 6 TN or CA
1099	TGTS	TGTS-EHV003	TK, 220kV Single CB	B1 Transformer EHVCB	CA
1100	TGTS	TGTS-EHV004	TK, 220kV Single CB	B2 Transformer EHVCB	CA
1101	TGTS	TGTS-HV001	TM, 66kV CB	No.1 Cap Bank CB	TN
1102	TGTS	TGTS-HV002	YV, 66kV Cap Bank 25 - 50 MVar	No.1 Cap Bank	TN
1103	TGTS	TGTS-HV003	TM, 66kV CB	B1 Transformer HVCB	CA
1104	TGTS	TGTS-HV004	TM, 66kV CB	1-2 Bus Tie CB	CA
1105	TGTS	TGTS-HV005	TM, 66kV CB	B2 Transformer HVCB	CA
1106	TGTS	TGTS-HV006	TM, 66kV CB	TGTS SUB HTN NO. 1 66KV FDR	CA
1107	TGTS	TGTS-HV007	TM, 66kV CB	TGTS SUB COB 66KV FDR	CA
1108	TGTS	TGTS-HV008	TM, 66kV CB	TGTS SUB TRG NO. 1 66KV FDR	CA
1109	TGTS	TGTS-HV009	TM, 66kV CB	TGTS SUB KRT NO. 1 66KV FDR	CA
1110	TGTS	TGTS-HV010	TM, 66kV CB	TGTS SUB TRG NO. 2 66KV FDR	CA
1111	TGTS	TGTS-HV011	TM, 66kV CB	TGTS SUB KRT NO. 2 66KV FDR	CA
1112	TGTS	TGTS-HV012	TM, 66kV CB	TGTS SUB HTN NO. 2 66KV FDR	CA
1113	TGTS	TGTS-HV013	TM, 66kV CB	TGTS SUB CDN 66KV FDR	CA
1114	TSTS	TSTS-B1	YI, 220/66 kV 150 MVA	B1 Transformer	CA
1115	TSTS	TSTS-B2	YI, 220/66 kV 150 MVA	B2 Transformer	CA
1116	TSTS	TSTS-B3	YI, 220/66 kV 150 MVA	B3 Transformer	CA
1117	TSTS	TSTS-EHV001	TJ&TJ, 220kV Double CB	ROTS Line	TN
1118	TSTS	TSTS-EHV002	TI, 220kV 1&1/2 CB	TTS Line	TN
1119	TSTS	TSTS-EHV003	TI, 220kV 1&1/2 CB		TN
1120	TSTS	TSTS-EHV004	TI, 220kV 1&1/2 CB	B1 Transformer EHVCB	CA
1121	TSTS	TSTS-EHV005	TL, 220kV Tee Off	B2 Transformer EHVTO	CA
1122	TSTS	TSTS-EHV006	TL, 220kV Tee Off	B3 Transformer EHVTO	CA
1123	TSTS	TSTS-EHV007	TK, 220kV Single CB	No. 1 Cap Bank CB	TN
1124	TSTS	TSTS-EHV008	220kV Cap Bank 200 MVar	No. 1 Cap Bank	TN
1125	TSTS	TSTS-HV001	TM, 66kV CB	No. 1 Cap Bank CB	TN
1126	TSTS	TSTS-HV002	YV, 66kV Cap Bank 25 - 50 MVar	No. 1 Cap Bank	TN
1127	TSTS	TSTS-HV003	TM, 66kV CB	B1 Transformer HVCB	CA
1128	TSTS	TSTS-HV004	TM, 66kV CB	Sync Con CB	TN
1129	TSTS	TSTS-HV005	TM, 66kV CB	1-2 Bus Tie CB	CA
1130	TSTS	TSTS-HV006	TM, 66kV CB	B2 Transformer HVCB	CA
1131	TSTS	TSTS-HV007	TM, 66kV CB	Sync Con CB	TN
1132	TSTS	TSTS-HV008	TM, 66kV CB	2-4 Bus Tie CB	CA
1133	TSTS	TSTS-HV009	TM, 66kV CB	B3 Transformer HVCB	CA
1134	TSTS	TSTS-HV010	TM, 66kV CB	4-1 Bus Tie CB	CA

Column 1 Item	*Column 2 Station*	*Column 3 Bay No*	*Column 4 Asset Type*	*Column 5 Location / Description*	*Column 6 TN or CA*
1135	TSTS	TSTS-HV011	Sync Cond 66kV 125-0-85MVAr	Sync Con	TN
1136	TSTS	TSTS-HV012	TM, 66kV CB	TSTS SUB DC NO. 1 66KV FDR	CA
1137	TSTS	TSTS-HV013	TM, 66kV CB	TSTS SUB HB 66KV FDR	CA
1138	TSTS	TSTS-HV014	TM, 66kV CB	TSTS SUB L 66KV FDR	CA
1139	TSTS	TSTS-HV015	TM, 66kV CB	TSTS SUB ELM NO. 2 66KV FDR	CA
1140	TSTS	TSTS-HV016	TM, 66kV CB	TSTS SUB WD 66KV FDR	CA
1141	TSTS	TSTS-HV017	TM, 66kV CB	TSTS SUB DC NO. 2 66KV FDR	CA
1142	TSTS	TSTS-HV018	TM, 66kV CB	TSTS SUB SLF 66KV FDR	CA
1143	TSTS	TSTS-HV019	TM, 66kV CB	TSTS SUB ELM NO. 1 66KV FDR	CA
1144	TSTS	TSTS-HV020	TM, 66kV CB	TSTS SUB BU 66KV FDR	CA
1145	TTS	TTS-B1	YI, 220/66 kV 150 MVA	B1 Transformer	CA
1146	TTS	TTS-B2	YJ, 220/66/22 kV 165 MVA 9x1ph (TTS)	B2 Transformer	CA
1147	TTS	TTS-B3	YI, 220/66 kV 150 MVA	B3 Transformer	CA
1148	TTS	TTS-B4	YI, 220/66 kV 150 MVA	B4 Transformer	CA
1149	TTS	TTS-B5	YI, 220/66 kV 150 MVA	B5 Transformer	CA
1150	TTS	TTS-EHV001	TK, 220kV Single CB	No. 3 Cap Bank CB	TN
1151	TTS	TTS-EHV002	220kV Cap Bank 200 MVar	No. 3 Cap Bank	TN
1152	TTS	TTS-EHV003	TK, 220kV Single CB	No. 1 Cap Bank CB	TN
1153	TTS	TTS-EHV004	220kV Cap Bank 200 MVar	No. 1 Cap Bank	TN
1154	TTS	TTS-EHV005	TJ&TJ, 220kV Double CB	KTS No. 1 Line	TN
1155	TTS	TTS-EHV006	TK, 220kV Single CB	KTS No. 2 Line	TN
1156	TTS	TTS-EHV007	TK, 220kV Single CB	SMTS No. 2 Line	TN
1157	TTS	TTS-EHV008	TK, 220kV Single CB	EPS Line	TN
1158	TTS	TTS-EHV009	TK, 220kV Single CB	SMTS No. 1 Line	TN
1159	TTS	TTS-EHV010	TK, 220kV Single CB	ROTS Line	TN
1160	TTS	TTS-EHV011	TK, 220kV Single CB	BTS No. 1 Line	TN
1161	TTS	TTS-EHV012	TJ&TJ, 220kV Double CB	B5 Transformer EHVCB	CA
1162	TTS	TTS-EHV013	TJ&TJ, 220kV Double CB	B4 Transformer EHVCB	CA
1163	TTS	TTS-EHV014	TK, 220kV Single CB	BTS No. 3 Line	TN
1164	TTS	TTS-EHV015	TK, 220kV Single CB	B3 Transformer EHVCB	CA
1165	TTS	TTS-EHV016	TK, 220kV Single CB	B2 Transformer EHVCB	CA
1166	TTS	TTS-EHV017	TK, 220kV Single CB	B1 Transformer EHVCB	CA
1167	TTS	TTS-EHV018	TK, 220kV Single CB	2-3 Bus Tie CB	TN
1168	TTS	TTS-EHV019	TJ&TJ, 220kV Double CB	RWTS Line	TN
1169	TTS	TTS-EHV020	TK, 220kV Single CB	1-2 Bus Tie CB	TN
1170	TTS	TTS-EHV021	TK, 220kV Single CB	Out Of Service	TN

Column 1 Item	Column 2 Station	Column 3 Bay No	Column 4 Asset Type	Column 5 Location / Description	Column 6 TN or CA
1171	TTS	TTS-EHV022	TJ&TJ, 220kV Double CB	TSTS Line	TN
1172	TTS	TTS-HV001	TM, 66kV CB	B1 Transformer HVCB	CA
1173	TTS	TTS-HV002	TM, 66kV CB	B5 Transformer HVCB	CA
1174	TTS	TTS-HV003	TM, 66kV CB	1-2 Bus Tie CB	CA
1175	TTS	TTS-HV004	TM, 66kV CB	No. 2 Cap Bank CB	TN
1176	TTS	TTS-HV005	YV, 66kV Cap Bank 25 - 50 MVar	No. 2 Cap Bank	TN
1177	TTS	TTS-HV006	TM, 66kV CB	B2 Transformer HVCB	CA
1178	TTS	TTS-HV007	TM, 66kV CB	2-3 Bus Tie CB	CA
1179	TTS	TTS-HV008	TM, 66kV CB	B3 Transformer HVCB	CA
1180	TTS	TTS-HV009	TM, 66kV CB	B5 Transformer HVCB	CA
1181	TTS	TTS-HV010	TM, 66kV CB	3-4 Bus Tie CB	CA
1182	TTS	TTS-HV011	TM, 66kV CB	B4 Transformer HVCB	CA
1183	TTS	TTS-HV012	TM, 66kV CB	No. 4A Cap Bank CB	TN
1184	TTS	TTS-HV013	YV, 66kV Cap Bank 25 - 50 MVar	No. 4A Cap Bank	TN
1185	TTS	TTS-HV014	TM, 66kV CB	No. 4B Cap Bank CB	TN
1186	TTS	TTS-HV015	YV, 66kV Cap Bank 25 - 50 MVar	No. 4B Cap Bank	TN
1187	TTS	TTS-HV016	TM, 66kV CB	4-1 Bus Tie CB	CA
1188	TTS	TTS-HV017	TM, 66kV CB	TTS SUB BD NO. 2 66KV FDR	CA
1189	TTS	TTS-HV018	TM, 66kV CB	TTS SUB CN 66KV FDR	CA
1190	TTS	TTS-HV019	TM, 66kV CB	TTS SUB BD NO. 1 66KV FDR	CA
1191	TTS	TTS-HV020	TM, 66kV CB	TTS SUB KMS 66KV FDR	CA
1192	TTS	TTS-HV021	TM, 66kV CB	TTS SUB TT NO. 2 66KV FDR	CA
1193	TTS	TTS-HV022	TM, 66kV CB	TTS SUB COO 66KV FDR	CA
1194	TTS	TTS-HV023	TM, 66kV CB	TTS SUB TT NO. 1 66KV FDR	CA
1195	TTS	TTS-HV024	TM, 66kV CB	TTS SUB DRN 66KV FDR	CA
1196	TTS	TTS-HV025	TM, 66kV CB	TTS SUB CS 66KV FDR	CA
1197	TTS	TTS-HV026	TM, 66kV CB	TTS SUB SSS 66KV FDR	CA
1198	TTS	TTS-HV027	TM, 66kV CB	TTS SUB WT 66KV FDR	CA
1199	TTS	TTS-HV028	TM, 66kV CB	TTS SUB EP 66KV FDR	CA
1200	TTS	TTS-HV029	TM, 66kV CB	TTS SUB EPG 66KV FDR	CA
1201	TTS	TTS-HV030	TM, 66kV CB	TTS SUB NEI/NH 66KV FDR	CA
1202	TTS	TTS-HV031	TM, 66kV CB	TTS SUB P 66KV FDR	CA
1203	WBTS	N/A	1x 220 kV CVT		TN
1204	WBTS	N/A	1x 220 kV CT		TN

Column 1 Item	*Column 2 Station*	*Column 3 Bay No*	*Column 4 Asset Type*	*Column 5 Location / Description*	*Column 6 TN or CA*
1205	WBTS	N/A	3x ROI with integral switches		TN
1206	WBTS	N/A	2x 220 kV surge arrestors		TN
1207	WBTS	N/A	220 kV post insulators		TN
1208	WMTS	WMTS-B1	YI, 220/66 kV 150 MVA	B1 Transformer	CA
1209	WMTS	WMTS-B2	YI, 220/66 kV 150 MVA	B2 Transformer	CA
1210	WMTS	WMTS-B3	YI, 220/66 kV 150 MVA	B3 Transformer	CA
1211	WMTS	WMTS-B4	YI, 220/66 kV 150 MVA	B4 Transformer	CA
1212	WMTS	WMTS-EHV001	TK, 220kV Single CB	KTS No. 2 Line	TN
1213	WMTS	WMTS-EHV002	TK, 220kV Single CB	FBTS No. 2 Line	TN
1214	WMTS	WMTS-EHV003	TK, 220kV Single CB	KTS No. 1 Line	TN
1215	WMTS	WMTS-EHV004	TL, 220kV Tee Off	No.1 Bus Extension	TN
1216	WMTS	WMTS-EHV005	TK, 220kV Single CB	FBTS No. 1 Line	TN
1217	WMTS	WMTS-EHV006	TK, 220kV Single CB	B4 Transformer EHVCB	CA
1218	WMTS	WMTS-EHV007	TK, 220kV Single CB	3-4 Bus Tie CB	TN
1219	WMTS	WMTS-EHV008	TK, 220kV Single CB - GIS	2-3 Bus Tie CB	TN
1220	WMTS	WMTS-EHV009	TL, 220kV Tee Off	B2 Transformer EHVTO	CA
1221	WMTS	WMTS-EHV010	TK, 220kV Single CB	1-2 Bus Tie CB	TN
1222	WMTS	WMTS-EHV011	TK, 220kV Single CB	No. 1 Transformer Bus CB	CA
1223	WMTS	WMTS-EHV012	TL, 220kV Tee Off	B1 Transformer EHVTO	CA
1224	WMTS	WMTS-EHV013	TL, 220kV Tee Off	L1 Transformer EHVTO	CA
1225	WMTS	WMTS-EHV014	TL, 220kV Tee Off	B3 Transformer EHVTO	CA
1226	WMTS	WMTS-EHV015	TL, 220kV Tee Off	L3 Transformer EHVTO	CA
1227	WMTS	WMTS-HV001	TM, 66kV CB	B1 Transformer HVCB	CA
1228	WMTS	WMTS-HV002	TM, 66kV CB	1-2 Bus Tie CB	CA
1229	WMTS	WMTS-HV003	TM, 66kV CB	B2 Transformer HVCB	CA
1230	WMTS	WMTS-HV004	TM, 66kV CB	No. 2 Cap Bank CB	TN
1231	WMTS	WMTS-HV005	YV, 66kV Cap Bank 25 - 50 MVar	No. 2 Cap Bank	TN
1232	WMTS	WMTS-HV006	TM, 66kV CB	2-3 Bus Tie CB	CA
1233	WMTS	WMTS-HV007	TM, 66kV CB	B3 Transformer HVCB	CA
1234	WMTS	WMTS-HV008	TM, 66kV CB	No. 3 Cap Bank CB	TN
1235	WMTS	WMTS-HV009	YV, 66kV Cap Bank 25 - 50 MVar	No. 3 Cap Bank	TN
1236	WMTS	WMTS-HV010	TM, 66kV CB - GIS	3-4 Bus Tie CB	CA
1237	WMTS	WMTS-HV011	TM, 66kV CB - GIS	B4 Transformer HVCB	CA
1238	WMTS	WMTS-HV012	TM, 66kV CB - GIS	1-4 Bus Tie CB	CA
1239	WMTS	WMTS-HV013	TM, 66kV CB		CA
1240	WMTS	WMTS-HV014	TM, 66kV CB	WMTS SUB FE NO. 1 66KV FDR	CA
1241	WMTS	WMTS-HV015	TM, 66kV CB	WMTS SUB VM NO. 1 66KV FDR	CA
1242	WMTS	WMTS-HV016	TM, 66kV CB	WMTS SUB JA NO. 3 66KV FDR	CA
1243	WMTS	WMTS-HV017	TM, 66kV CB	WMTS SUB FE NO. 2 66KV FDR	CA

Column 1 Item	Column 2 Station	Column 3 Bay No	Column 4 Asset Type	Column 5 Location / Description	Column 6 TN or CA
1244	WMTS	WMTS-HV018	TM, 66kV CB	WMTS SUB NC 66KV FDR	CA
1245	WMTS	WMTS-HV019	TM, 66kV CB	WMTS SUB VM NO. 3 66KV FDR	CA
1246	WMTS	WMTS-HV020	TM, 66kV CB	WMTS SUB FT NO. 2 66KV FDR	CA
1247	WMTS	WMTS-HV021	TM, 66kV CB	WMTS SUB VM NO. 2 66KV FDR	CA
1248	WMTS	WMTS-HV022	TM, 66kV CB	WMTS SUB WB 66KV FDR	CA
1249	WMTS	WMTS-HV023	TM, 66kV CB - GIS	WMTS SUB JA NO. 1 66KV FDR	CA
1250	WMTS	WMTS-HV024	TO, 22kV CB	L1 Transformer HVCB	CA
1251	WMTS	WMTS-HV025	TO, 22kV CB	L3 Transformer HVCB	CA
1252	WMTS	WMTS-HV026	TO, 22kV CB	L1 Transformer HVCB	CA
1253	WMTS	WMTS-HV027	TO, 22kV CB	L3 Transformer HVCB	CA
1254	WMTS	WMTS-HV028	TO, 22kV CB	1-2 Bus Tie CB	CA
1255	WMTS	WMTS-HV029	TO, 22kV CB	2-3 Bus Tie CB	CA
1256	WMTS	WMTS-HV030	TO, 22kV CB	WMTS SUB VR 11 22KV FDR	CA
1257	WMTS	WMTS-HV031	TO, 22kV CB	WMTS SUB LS 214 22KV FDR	CA
1258	WMTS	WMTS-HV032	TO, 22kV CB	WMTS SUB BS 218 22KV FDR	CA
1259	WMTS	WMTS-HV033	TO, 22kV CB	WMTS SUB DA 222 22KV FDR	CA
1260	WMTS	WMTS-HV034	TO, 22kV CB	WMTS SUB BS 216 22KV FDR	CA
1261	WMTS	WMTS-HV035	TO, 22kV CB	WMTS SUB LS (SS) 214 22KV FDR	CA
1262	WMTS	WMTS-HV036	TO, 22kV CB	WMTS SUB LS (SS) 225 22KV FDR	CA
1263	WMTS	WMTS-HV037	TO, 22kV CB	WMTS SUB DA 213 22KV FDR	CA
1264	WMTS	WMTS-HV038	TO, 22kV CB	WMTS SUB LS 225 22KV FDR	CA
1265	WMTS	WMTS-HV039	TO, 22kV CB	WMTS SUB J 220 22KV FDR	CA
1266	WMTS	WMTS-HV040	TO, 22kV CB	WMTS SUB VR 35 22KV FDR	CA
1267	WMTS	WMTS-L1	YI, 220/22kV 150 MVA	L1 Transformer	CA
1268	WMTS	WMTS-L3	YI, 220/22kV 150 MVA	L2 Transformer	CA
1269	WOTS	WOTS-EHV001	TG, 330kV Single CB	No. 1 Cap Bank CB	TN
1270	WOTS	WOTS-EHV002	330kV Cap Bank 150 MVar	No. 1 Cap Bank	TN
1271	WOTS	WOTS-EHV003	TF&TF, 330kV Double CB	JINDERA Line	TN
1272	WOTS	WOTS-EHV004	TH, 330kV Tee Off	No. 2 Transformer EHVTO	CA
1273	WOTS	WOTS-EHV005	TF&TF, 330kV Double CB	DDTS Line	TN

Column 1 Item	*Column 2 Station*	*Column 3 Bay No*	*Column 4 Asset Type*	*Column 5 Location / Description*	*Column 6 TN or CA*
1274	WOTS	WOTS-EHV006	TH, 330kV Tee Off	No. 1 Transformer EHVTO	CA
1275	WOTS	WOTS-HV001	TM, 66kV CB	No. 2 Transformer HVCB	CA
1276	WOTS	WOTS-HV002	TM, 66kV CB	1-2 Bus Tie CB	CA
1277	WOTS	WOTS-HV003	TM, 66kV CB	No. 1 Transformer HVCB	CA
1278	WOTS	WOTS-HV004	TM, 66kV CB	WOTS SUB WO NO. 2 66KV FDR	CA
1279	WOTS	WOTS-HV005	TM, 66kV CB	WOTS HPS LINE	CA
1280	WOTS	WOTS-HV006	TM, 66kV CB	WOTS SUB WO NO. 2 66KV FDR	CA
1281	WOTS	WOTS-T1	YG, 330/66 kV 75 MVA	No. 1 Transformer	CA
1282	WOTS	WOTS-T2	YG, 330/66 kV 75 MVA	No. 2 Transformer	CA
1283	YPS	YPS-EHV001	TK, 220kV Single CB	AUX D Trans CB	CA
1284	YPS	YPS-EHV002	TK, 220kV Single CB	AUX E Trans CB	CA
1285	YPS	YPS-EHV003	TK, 220kV Single CB	HWPS No. 1 Line	TN
1286	YPS	YPS-EHV004	TJ&TJ, 220kV Double CB	HWPS No. 2 Line	TN
1287	YPS	YPS-EHV005	TJ&TJ, 220kV Double CB	ROTS No. 5 Line	TN
1288	YPS	YPS-EHV006	TJ&TJ, 220kV Double CB	ROTS No. 6 Line	TN
1289	YPS	YPS-EHV007	TK&TL, 220kV CB & Tee Off	ROTS No. 7 Line	TN
1290	YPS	YPS-EHV008	TJ&TJ, 220kV Double CB	AUX C Trans CB	CA
1291	YPS	YPS-EHV009	TK&TL, 220kV CB & Tee Off	ROTS No. 8 Line	TN
1292	YPS	YPS-EHV010	TK, 220kV Single CB	AUX B Trans CB	CA
1293	YPS	YPS-EHV011	TK, 220kV Single CB	AUX A Trans CB	CA
1294	YPS	YPS-EHV012	TJ&TJ, 220kV Double CB	No. 1 Gen Trans CB	CA
1295	YPS	YPS-EHV013	TK, 220kV Single CB	No. 2 Gen Trans CB	CA
1296	YPS	YPS-EHV014	TK, 220kV Single CB	DB Trans CB	CA
1297	YPS	YPS-EHV015	TJ&TJ, 220kV Double CB	No. 3 Gen Trans CB	CA
1298	YPS	YPS-EHV016	TK, 220kV Single CB	No. 4 Gen Trans CB	CA
1299	YPS	YPS-TD	YK, 220/22kV 35 MVA	AUX D Transformer	CA
1300	YPS	YPS-TE	YK, 220/22kV 35 MVA	AUX E Transformer	CA
1301	YPS	YPS-TE	YJ, 220/22kV 75 MVA	DB Transformer	CA
1302	RCTS	N/A	CB#1, 220/165 kV	Murraylink related assets	TN
1303	RCTS	N/A	CB#2 with Insertion Resistor, 220/165 kV	Murraylink related assets	TN
1304	RCTS	N/A	Isolator #1, 220kV	Murraylink related assets	TN
1305	RCTS	N/A	Isolator #2, 165kV	Murraylink related assets	TN
1306	MLRC	N/A	Convertor Transformer 200/165 kV, 265 MVA	Murraylink related assets	TN
1307	MLRC	N/A	AC/DC Converter 265 MVA and AC Filter Capacitor Bank 75 MVAr	Murraylink related assets	TN

SCHEDULE 3 – TRANSMISSION LINES

The transmission line between Node 1 (Column 2) and Node 2 (Column 3) and as described in Column 4.

Column 1 *Item*	*Column 2* *Node 1*	*Column 3* *Node 2*	*Column 4* *Distance (km)*	*Column 4* *Details*
1	BTS	TTS/B2	10.0	220 kV Double Circuit Overhead Line
2	BTS	TTS/B3	10.0	220 kV Double Circuit Overhead Line
3	MBTS	WKPS	2.9	220 kV Double Circuit Overhead Line
4	SMTS/B2	TTS/B3	7.8	220 kV Double Circuit Overhead Line
5	SMTS/B1	TTS/B1	7.8	220 kV Double Circuit Overhead Line
6	EPS	MBTS	137.9	220 kV Double Circuit Overhead Line
7	MTS	ROTS	14.8	220 kV Double Circuit Overhead Line
8	MTS	ROTS	14.8	220 kV Double Circuit Overhead Line
9	ROTS	YPS	105.9	220 kV Double Circuit Overhead Line
10	ROTS	YPS	105.9	220 kV Double Circuit Overhead Line
11	EPS	MBTS	137.9	220 kV Double Circuit Overhead Line
12	GTS	PTH	31.0	220 kV Double Circuit Overhead Line
13	GTS	PTH	31.0	220 kV Double Circuit Overhead Line
14	HWPS/B56	YPS	15.8	220 kV Double Circuit Overhead Line
15	HWPS/B56	YPS	15.8	220 kV Double Circuit Overhead Line
16	ROTS	YPS	105.9	220 kV Double Circuit Overhead Line
17	ROTS	YPS	105.9	220 kV Double Circuit Overhead Line
18	FBTS/B4	WMTS	2.8	220 kV Double Circuit Overhead Line
19	HTS	SVTS	5.0	220 kV Double Circuit Overhead Line
20	HTS	SVTS	5.0	220 kV Double Circuit Overhead Line
21	KTS/B2	WMTS	12.0	220 kV Double Circuit Overhead Line
22	KTS/B2	WMTS	12.0	220 kV Double Circuit Overhead Line
23	ROTS	SVTS	4.5	220 kV Double Circuit Overhead Line
24	ROTS	SVTS	7.3	220 kV Double Circuit Overhead Line
25	FBTS/B1	WMTS	2.8	220 kV Double Circuit Overhead Line
26	GTS	KTS/B3	67.1	220 kV Double Circuit Overhead Line
27	GTS	KTS/B3	67.3	220 kV Double Circuit Overhead Line
28	HWPS/B34	MPS	6.6	220 kV Double Circuit Overhead Line
29	KTS/B2	TTS/B1	32.8	220 kV Double Circuit Overhead Line
30	KTS/B1	TTS/B2	32.8	220 kV Double Circuit Overhead Line
31	ROTS	RTS	25.2	220 kV Double Circuit Overhead Line
32	ROTS	RTS	40.5	220 kV Double Circuit Overhead Line
33	EPS	TTS/B2	189.6	220 kV Double Circuit Overhead Line
34	HWPS/B56	ROTS	111.3	220 kV Double Circuit Overhead Line
35	HWPS/B56	ROTS	111.1	220 kV Double Circuit Overhead Line
36	TSTS	TTS/B3	31.7	220 kV Double Circuit Overhead Line
37	BLTS	NPS	4.9	220 kV Double Circuit Overhead Line
38	HOTS	RCTS	277.0	220 kV Double Circuit Overhead Line
39	HWTS/T1	HWPS/B2	3.5	220 kV Double Circuit Overhead Line
40	HWTS/T2	HWPS/B12	3.4	220 kV Double Circuit Overhead Line
41	HWTS/T4	HWPS/B34	3.4	220 kV Double Circuit Overhead Line
42	HWTS/T3	HWPS/B34	3.4	220 kV Double Circuit Overhead Line
43	HWPS/B12	JLTS/B2	3.7	220 kV Double Circuit Overhead Line

Column 1 *Item*	*Column 2* *Node 1*	*Column 3* *Node 2*	*Column 4* *Distance (km)*	*Column 4* *Details*
44	HWPS/B34	JLTS/B1	3.3	220 kV Double Circuit Overhead Line
45	HWPS/B34	JLTS/B1	3.3	220 kV Double Circuit Overhead Line
46	TSTS	DC	5.4	220 kV Double Circuit Overhead Line
47	TSTS	HB	9.4	220 kV Double Circuit Overhead Line
48	TSTS	L	12.0	220 kV Double Circuit Overhead Line
49	TSTS	WD	5.4	220 kV Double Circuit Overhead Line
50	BLTS	KTS/B1	15.0	220 kV Double Circuit Overhead Line
51	ROTS	RWTS	13.1	220 kV Double Circuit Overhead Line
52	ROTS	TSTS	22.7	220 kV Double Circuit Overhead Line
53	MPS	MWTS/T	0.6	220 kV Double Circuit Overhead Line
54	ERTS	ROTS	1.6	220 kV Double Circuit Overhead Line
55	ERTS	ROTS	1.6	220 kV Double Circuit Overhead Line
56	ERTS	CBTS	19.6	220 kV Double Circuit Overhead Line
57	ERTS	CBTS	19.6	220 kV Double Circuit Overhead Line
58	CBTS	TBTS/B1	21.9	220 kV Double Circuit Overhead Line
59	CBTS	TBTS/B2	21.9	220 kV Double Circuit Overhead Line
60	JLA/B1	TBTS/B1	1.8	220 kV Double Circuit Overhead Line
61	JLA/B2	TBTS/B2	1.8	220 kV Double Circuit Overhead Line
62	RWTS	TTS/B2	41.6	220 kV Double Circuit Overhead Line
63	DDTS	GNTS	81.6	220 kV Double Circuit Overhead Line
64	DDTS	GNTS	81.5	220 kV Double Circuit Overhead Line
65	GNTS	SHTS	70.6	220 kV Double Circuit Overhead Line
66	GNTS	SHTS	70.6	220 kV Double Circuit Overhead Line
67	BATS	MLTS	64.0	220 kV Double Circuit Overhead Line
68	GTS	MLTS	7.1	220 kV Double Circuit Overhead Line
69	GTS	MLTS	7.1	220 kV Double Circuit Overhead Line
70	BLTS	FBTS/B1	8.3	220 kV Double Circuit Overhead Line
71	FBTS/B4	NPS	4.3	220 kV Double Circuit Overhead Line
72	DDTS	MBTS	36.9	220 kV Single Circuit Overhead Line
73	DDTS	GNTS	81.4	220 kV Single Circuit Overhead Line
74	GNTS	SHTS	70.6	220 kV Single Circuit Overhead Line
75	GTS	KTS/B3	67.3	220 kV Single Circuit Overhead Line
76	MBTS	MKPS	15.9	220 kV Single Circuit Overhead Line
77	BATS	BETS	96.0	220 kV Single Circuit Overhead Line
78	BETS	KGTS	121.6	220 kV Single Circuit Overhead Line
79	BETS	SHTS	116.9	220 kV Single Circuit Overhead Line
80	BATS	MLTS	63.6	220 kV Single Circuit Overhead Line
81	KGTS	RCTS	232.5	220 kV Single Circuit Overhead Line
82	MLTS	TGTS	134.1	220 kV Single Circuit Overhead Line
83	DDTS	MBTS	36.9	220 kV Single Circuit Overhead Line
84	KTS	TTS	32.8	220 kV Single Circuit Overhead Line
85	HWTS	ROTS	136.6	500 kV Single Circuit Overhead Line
86	HWPS	JLTS	3.7	500 kV Single Circuit Overhead Line
87	HWPS/B56	ROTS	111.3	220 kV Single Circuit Overhead Line
88	ROTS	TTS/B1	46.6	220 kV Single Circuit Overhead Line
89	SMTS	ROTS	54.4	220 kV Single Circuit Overhead Line
90	BATS	TGTS	114.5	220 kV Single Circuit Overhead Line

Column 1 *Item*	*Column 2* *Node 1*	*Column 3* *Node 2*	*Column 4* *Distance (km)*	*Column 4* *Details*
91	BATS	HOTS	178.6	220 kV Single Circuit Overhead Line
92	RCTS	VIC/NSW4	12.0	220 kV Single Circuit Overhead Line
93	DPS	MBTS	42.1	220 kV Single Circuit Overhead Line
94	ATS	BLTS	7.1	220 kV Single Circuit Overhead Line
95	ATS	KTS	14.8	220 kV Single Circuit Overhead Line
96	HYTS275B	VIC/SA	79.0	275 kV Double Circuit Overhead Line
97	HYTS275A	VIC/SA	79.0	275 kV Double Circuit Overhead Line
98	DDTS	VIC/NSW1	100.1	330 kV Single Circuit Overhead Line
99	DDTS	VIC/NSW2	100.1	330 kV Single Circuit Overhead Line
100	DDTS	SMTS	225.3	330 kV Single Circuit Overhead Line
101	DDTS	SMTS	225.3	330 kV Single Circuit Overhead Line
102	DDTS	WOTS	41.5	330 kV Single Circuit Overhead Line
103	WOTS	VIC/NSW3	20.3	330 kV Single Circuit Overhead Line
104	HYTS	APD	31.8	500 kV Double Circuit Overhead Line
105	HYTS	APD	31.8	500 kV Double Circuit Overhead Line
106	HYTS	MLTS	241.1	500 kV Double Circuit Overhead Line
107	HYTS	MLTS	241.1	500 kV Double Circuit Overhead Line
108	HWTS	SMTS	154.2	500 kV Single Circuit Overhead Line
109	KTS	SMTS	28.7	500 kV Single Circuit Overhead Line
110	CSTS	TSTS	16.0	500 kV Single Circuit Overhead Line
111	HWTS	SMTS	154.0	500 kV Single Circuit Overhead Line
112	HWTS	LYPSA	14.1	500 kV Single Circuit Overhead Line
113	MLTS	SYTS	62.6	500 kV Single Circuit Overhead Line
114	MLTS	SYTS	62.6	500 kV Single Circuit Overhead Line
115	SMTS	SYTS	43.0	500 kV Single Circuit Overhead Line
116	KTS	SYTS	11.7	500 kV Single Circuit Overhead Line
117	SMTS	SYTS	42.3	500 kV Single Circuit Overhead Line
118	HWTS	LYPSA	14.3	500 kV Single Circuit Overhead Line
119	HWTS	LYPSA	14.5	500 kV Single Circuit Overhead Line
120	HWTS	CBTS	115.7	500 kV Single Circuit Overhead Line
121	CBTS	ROTS	20.9	500 kV Single Circuit Overhead Line
122	ROTS	SMTS	38.8	500 kV Single Circuit Overhead Line
123	BTS	RTS	9.0	220 kV Cable
124	RCTS	MLRC	0.6	200 kV 264 MVA underground cable
125	MLRC	Berri	100	±150 kV underground DC cable

SCHEDULE 4 – GLOSSARY

APD	Portland Aluminium (customer owned station).
ATS	Altona Terminal Station
BATS	Ballarat Terminal Station.
BETS	Bendigo Terminal Station.
BLTS	Brooklyn Terminal Station.
BSS	Buronga Substation
BTS	Brunswick Terminal Station.
CA	In Column 6 of Schedule 2, indicates a connection asset
CBTS	Cranbourne Terminal Station.
CSTS	Coldstream Terminal Station
DC	Doncaster Substation
DDTS	Dederang Terminal Station.
DPS	Dartmouth Power Station.
EPS or EPSY	Eildon Power Station.
ERTS	East Rowville Terminal Station.
FBTS	Fishermans Bend Terminal Station.
FTS	Frankston Terminal Station
FVTS	Fosterville Terminal Station
GNTS	Glenrowan Terminal Station.
GTS	Geelong-terminal Station.
HB	Heidelberg Substation
HOTS	Horsham Terminal Station.
HTS	Heatherton Terminal Station.
HWPS	Hazelwood Power Station.
HWTS	Hazelwood Terminal Station.
HYTS	Heywood Terminal Station.
JDSS or JIND	Jindera Substation
JLA	Western Port
JLG or JLGS	Jeeralang Power Station
JLTS	Jeeralang Terminal Station.
KGTS	Kerang Terminal Station.
KTS	Keilor Terminal Station.
L	Deepdene Substation
LY	Loy Yang Substation (customer owned substation).
LYPS	Loy Yang Power Station.
MBTS	Mount Beauty Terminal Station.
MKPS	McKay Creek Power Station.
MLRC	Murray Link Red Cliffs
MLTS	Moorabool Terminal Station.
MPS	Morwell Power Station.
MSS	Murray SW Station
MTS	Malvern Terminal Station.
MWTS	Morwell Terminal Station.
NPS or NPSD	Newport Power Station.
PTH	Point Henry (customer owned station).
RCTS	Red Cliffs Terminal Station.
ROTS	Rowville Terminal Station.

RTS	Richmond Terminal Station.
RWTS	Ringwood Terminal Station.
SCC	System Control Centre
SESS	South East Substation
SHTS	Shepparton Terminal Station.
SMTS	South Morang Terminal Station.
SVTS	Springvale Terminal Station.
SYTS	Sydenham Terminal Station.
TN	In Column 6 of Schedule 2, indicates a part of the transmission network
TBTS	Tyabb Terminal Station.
TGTS	Terang Terminal Station.
TSTS	Templestowe Terminal Station.
TTS	Thomastown Terminal Station.
VIC/NSW1	Circuit 1 Tower T1 on the DDTS to MSS line
VIC/NSW2	Circuit 2 Tower T1 on the DDTS to MSS line
VIC/NSW3	Tower T401 on the WOTS to JDSS line
VIC/NSW4	Tower T503 on the RCTS to BSS line
VIC/SA	Tower T51 on the HYTS to SESS line
WD	West Doncaster Substation
WKPS	West Kiewa Power Station.
WMTS	West Melbourne Terminal Station.
WOTS	Wodonga Terminal Station.
YPS	Yallourn Power Station.

National Electricity (Victoria) Act 2005

MINISTERIAL ORDER UNDER SECTION 31

I, Peter Batchelor, Minister for Energy and Resources and Minister responsible for administering the **National Electricity (Victoria) Act 2005**, declare pursuant to section 31 that the following persons who own, control or operate the declared transmission system, or a part of the declared transmission system, are declared transmission system operators:

a) SPI PowerNet Pty Ltd (ABN 78 079 798 173);

b) Rowville Transmission Facility Pty Ltd (ACN 093 419 893); and

c) TransGrid (ABN 19 622 755 774).

Dated 26 June 2009

PETER BATCHELOR MP
Minister for Energy and Resources

National Electricity (Victoria) Act 2005

MINISTERIAL ORDER UNDER SECTION 35(1)(a)

I, Peter Batchelor, Minister for Energy and Resources and Minister responsible for administering the **National Electricity (Victoria) Act 2005**, declare pursuant to section 35(1)(a) that the following are current connection agreements:

1. Use of System Agreement dated 10 January 2002 between VENCorp and Valley Power Pty Ltd (ACN 083 964 470) as amended by deed of amendment dated 27 August 2008;

2. Use of System Agreement dated 22 June 2004 between VENCorp and Perseverance Exploration Pty Ltd (ABN 42 010 604 878) as amended from time to time;

3. Use of System Agreement dated 20 May 1997 between VPX and Edison Mission Energy Australia Ltd (ACN 055 563 785) (subsequently known as IPM Australia Ltd) as amended from time to time;
4. Use of System Agreement dated 3 October 1994 between VPX and State Electricity Commission Victoria relating to the Snowy Mountains Hydro-Electric Scheme as amended from time to time;
5. Use of System Agreement dated 3 October 1994 between VPX and State Electricity Commission Victoria in its role as trader under the Interconnection Operating Agreement;
6. Use of System Agreement dated 3 October 1994 between VPX and State Electricity Commission Victoria in its capacity as Smelter Trader as amended from time to time;
7. Use of System Agreement dated 3 October 1994 between VPX and Generation Victoria (trading as Yallourn W Power Station) (the successor in title to which is Yallourn Energy Pty Ltd (subsequently known as TruEnergy Yallourn Pty Ltd) ACN 065 325 224) relating to Yallourn W Power Station as amended from time to time;
8. Use of System Agreement dated 3 October 1994 between VPX and Generation Victoria (trading as Loy Yang Power Station A) as amended from time to time;
9. Use of System Agreement dated 3 October 1994 between VPX and Powercor Australia Ltd (ACN 064 651 109) as amended by agreement dated 26 November 1999;
10. Use of System Agreement dated 3 October 1994 between VPX and Eastern Energy Ltd (ACN 064 651 118) (subsequently known as SPI Electricity Pty Ltd) as amended by agreement dated 20 May 2003;
11. Use of System Agreement dated 3 October 1994 between VPX and Generation Victoria (trading as VicHydro) (the successors in title to which are AGL HP1 Pty Ltd (ACN 080 429 901), AGL HP2 Pty Ltd (ACN 080 810 546) and AGL HP3 Pty Ltd (ACN 080 735 815), together trading as Southern Hydro Partnership) as amended from time to time;
12. Use of System Agreement dated 3 October 1994 between VPX and Energy Brix Australia (the successor in title to which is Energy Brix Australia Corporation Pty Ltd ACN 074 736 833);
13. Use of System Agreement dated 3 October 1994 between VPX and Solaris Power Limited (ACN 064 651 083) (subsequently known as Jemena Electricity Networks (Vic) Ltd) as amended from time to time;
14. Use of System Agreement dated 3 October 1994 between VPX and Generation Victoria (trading as Hazelwood Power Station) (the successor in title to which is Ecogen Energy Pty Ltd (ACN 086 589 611);
15. Use of System Agreement dated 3 October 1994 between VPX and Generation Victoria (trading as Jeeralang A, Jeeralang B and NewPort Power Stations) (the successor in title to which is Ecogen Energy Pty Ltd (ACN 086 589 611);
16. Use of System Agreement dated 3 October 1994 between VPX and CitiPower Ltd (ACN 064 651 056);
17. Use of System Agreement dated 3 October 1994 between VPX and State Electricity Commission of Victoria (in its capacity as trader for LYB Power Station) (the successor in title to which is IPM Australia Ltd (ACN 055 563 785);
18. Use of System Agreement dated 27 August 2004 between VENCorp and Snowy Hydro Limited (ACN 090 574 431) as amended by agreement dated 18 July 2006;
19. Use of System Agreement dated 15 April 2003 between VENCorp and Air Liquide Australia Limited (ABN 57 004 385 782);
20. Use of System Agreement dated 3 October 2004 between VPX and United Energy Distribution Pty Ltd (ACN 064 651 029) (subsequently known as United Energy Distribution Pty Ltd) as amended by Amending Agreements dated 20 May 2003 and 21 November 2006;

21. Use of System Agreement dated 27 October 2006 between VENCorp and Bluescope Steel Limited (ABN 16 000 011 058);
22. Use of System Agreement dated 27 October 2006 between VENCorp and National Grid International Ltd (the successor in title to which is Basslink Pty Limited ACN 090 996 231) as amended by Amending Agreements dated 11 November 2002 and 31 March 2005;
23. Use of System Agreement dated 20 February 2009 between VENCorp and Pyrenees Wind Energy Developments Pty Ltd (ABN 31 097 047 268) relating to the Waubra Wind Farm.

Dated 26 June 2009

PETER BATCHELOR MP
Minister for Energy and Resources

National Electricity (Victoria) Act 2005

MINISTERIAL ORDER UNDER SECTION 35(1)(b)

I, Peter Batchelor, Minister for Energy and Resources and Minister responsible for administering the **National Electricity (Victoria) Act 2005**, declare pursuant to section 35(1)(b) that the following are current network agreements:

1. Network Agreement dated 3 October 1994 between Power Net Victoria (the successor in title to which is SPI PowerNet Pty Ltd (ACN 079 798 173)) and VPX as amended from time to time;
2. Network Support Agreement dated 19 January 2001 between VENCorp and SPI PowerNet Pty Ltd (ACN 079 798 173) for Network Reactive Support 2001/02 to 2003/04 as amended from time to time;
3. Project Agreement between VENCorp and SPI Powernet for Network Reactive Support 2001/02 to 2003/04 as amended from time to time;
4. Draft Additional network Services Agreement dated 14 December 2001 between VENCorp and SPI PowerNet Pty Ltd (ACN 079 798 173) relating to additional network services for the SNOVIC Interconnector Project as amended by Amending Agreement dated 14 May 2002 and by Amendment No. Two dated 21 February 2003;
5. Additional Network Services Agreement dated 21 March 2002 between VENCorp and SPI PowerNet Pty Ltd (ACN 079 798 173) relating to additional network services for Interface Services for the SNOVIC Interconnector Project as amended by Amendment No. One dated 21 February 2003;
6. MurrayLink Protection Works Agreement dated 28 June 2002 VENCorp and Powercor Australia Ltd (ACN 064 651 109) in relation to the Ballarat–Horsham 66kV protection upgrade for MurrayLink;
7. Network Services Agreement dated 2 October 2003 between VENCorp and Murraylink Transmission Company Pty Ltd (ACN 089 875 605) for network services relating for the Murraylink Interconnector;
8. Additional Network Services Agreement dated 4 June 2004 between VENCorp and SPI PowerNet Pty Ltd (ACN 079 798 173) for network services relating to the MurrayLink Regulation Project;
9. Additional Network Services Agreement dated 20 May 2004 between VENCorp and SPI PowerNet Pty Ltd (ACN 079 798 173) for additional network services relating to the Transmission Upgrade to the Geelong Area;
10. Network Agreement dated 28 April 1998 between VPX and Eastern Energy Ltd ACN 064 651 118 subsequently known as SPI Electricity Limited (the successor in title to which is Rowville Transmission Facility Pty Ltd ACN 093 419 893) relating to the Rowville Transmission Services as amended from time to time;

11. Additional Network Services Agreement dated 9 June 2005 between VENCorp and SPI PowerNet Pty Ltd (ACN 079 798 173) relating to additional network services for Upgrade of Rowville to Springvale 220kV Line Terminating Equipment as amended by Amending Agreement dated 24 October 2006;
12. Agreement dated 2 December 2005 between VENCorp and SPI PowerNet Pty Ltd (ACN 079 798 173) relating to additional network services for Rowville A2 Transformer Interface Works;
13. Additional Network Services Agreement dated 2 December 2005 between VENCorp and SPI PowerNet Pty Ltd (ACN 079 798 173) relating to additional network services for Rowville A2 Transformer Non-Contestable Works;
14. Network Services Agreement dated 2 December 2005 between VENCorp and SPI PowerNet Pty Ltd (ACN 079 798 173) for the provision of services of 500/220 kV 1000MVA Transformer A2 at Rowville;
15. Additional Network Services Agreement dated 4 September 1998 between VPX and GPU PowerNet ACN 079 798 173 (subsequently known as SPI PowerNet Pty Ltd), relating to additional network services for South Morang Terminal Station – Dederang Terminal Station 330kV Transmission Lines Series Capacitors Interface Services;
16. Project Agreement dated 3 April 2007 between VENCorp and SPI PowerNet (ACN 079 798 173) for the establishment of a 220kV switchyard at South Morang Terminal Station;
17. Additional Network Services Agreement dated 3 April 2007 between VENCorp and SPI PowerNet (ACN 079 798 173) relating to additional network services for South Morang Terminal Station 220kV Connection;
18. Additional Network Services Agreement dated 27 August 2004 between VENCorp and SPI PowerNet (ACN 079 798 173) for additional network services relating to Brooklyn Series Reactors Project as amended by Amending Agreement dated 19 June 2006;
19. Additional Network Agreement dated 22 June 2004 between VENCorp and SPI PowerNet (ACN 079 798 173) for additional network services relating to the Fosterville Gold Mine Connection;
20. Network Services Agreement dated 24 July 2003 between VENCorp and SPI PowerNet (ACN 079 798 173) for the provision of services comprising of 500kV Switchyard and a 500/220kV 1000 MVA Transformer at Cranbourne;
21. Additional Network Services Agreement dated 11 January 2006 between VENCorp and SPI PowerNet (ACN 079 798 173) relating to additional network services for Landscaping at Cranbourne Terminal Station;
22. Network Agreement dated 16 January 2002 between VENCorp and ABB Australia Pty Ltd ABN 68 003 337 611 (the successor in title to which is TransGrid ABN 19 622 755 774) for Provision of Network Services Comprising 600MVAr Shunt Capacitor Banks at Dederang and Wodonga Terminal Station as amended by Deed of Amendment dated 2 July 2003;
23. Additional Network Services Agreement dated 7 December 2006 between VENCorp and SPI PowerNet (ACN 079 798 173) for additional network services relating to Hazelwood 220 kV Switchyard Rearrangement and Fault Level Mitigation;
24. Project Agreement dated 7 December 2006 between VENCorp and SPI PowerNet (ACN 079 798 173) for Hazelwood 220 kV Switching Rearrangement and Fault Level Mitigation Works;
25. Additional Network Services Agreement dated 18 October 2006 between VENCorp and SPI PowerNet (ACN 079 798 173) for the provision of Mount Beauty OPWF and related services;

26. Additional Network Services Agreement dated 30 March 2007 between VENCorp and SPI PowerNet (ACN 079 798 173) for Bogong Power Station Victorian Transmission Network Services;
27. Project Agreement dated 30 March 2007 between VENCorp and SPI PowerNet (ACN 079 798 173) for Bogong Power Station Victorian Transmission Network Services;
28. Additional Network Services Agreement dated 2 December 2005 between VENCorp and SPI PowerNet (ACN 079 798 173) for additional network services relating to Moorabool A2 Transformer Interface Works;
29. Network Services Agreement dated 2 December 2005 between VENCorp and SPI PowerNet (ACN 079 798 173) for the provision of services of 500 / 200 kV 1000 MVA Transformer at Moorabool;
30. Project Agreement dated 29 February 2008 between VENCorp and SPI PowerNet (ACN 079 798 173) for Waubra Terminal Station Victorian Transmission Network Services;
31. Additional Network Services Agreement dated 29 February 2008 between VENCorp and SPI PowerNet (ACN 079 798 173) for Waubra Terminal Station Victorian Transmission Network Services;
32. Additional Network Services Agreement dated 29 February 2008 between VENCorp and SPI PowerNet Pty Ltd (ACN 079 798 173) for additional network services relating to the provision of Wemen Terminal Station as part of the Victorian Transmission Network;
33. Project Agreement dated 29 February 2008 between VENCorp and SPI PowerNet Pty Ltd (ACN 079 798 173) for establishment of Wemen Terminal Station as part of the Victorian Transmission Network;
34. Additional Network Services Agreement dated 19 April 2000 between VENCorp and GPU PowerNet Pty Ltd (ACN 079 798 173) (subsequently known as SPI PowerNet Pty Ltd) for additional network services relating to Shunt Capacitor Bank Services (2000/01 Summer);
35. Additional Network Services Agreement dated 5 September 2003 between VENCorp and SPI PowerNet Pty Ltd (ACN 079 798 173) for additional network services relating to 4th 500kV Transmission Line Upgrade Project;
36. Short Form Services Agreement dated 18 February 2009 between VENCorp and SPI PowerNet Pty Ltd (ACN 079 798 173) relating to the provision of services for MLTS-HYTS Communications Upgrade.

Dated 26 June 2009

PETER BATCHELOR MP
Minister for Energy and Resources

National Gas (Victoria) Act 2008

MINISTERIAL ORDER UNDER SECTION 9A

I, Peter Batchelor, Minister for Energy and Resources and Minister responsible for administering the **National Gas (Victoria) Act 2008**, declare pursuant to section 9A(2) that the following are designated pipelines:

Distribution pipelines:

1. Distribution pipelines with respect to which, immediately before the commencement date, a service provider was the entity or entities that trade either together or separately as 'SP AusNet' including but not limited to SPI Networks (Gas) Pty Ltd (ACN 086 015 036).
2. Distribution pipelines with respect to which, immediately before the commencement date, a service provider was either or both of Envestra Victoria Pty Ltd (ACN 085 882 373) and Vic Gas Distribution Pty Ltd (ACN 085 899 001).

3. Distribution pipelines with respect to which, immediately before the commencement date, the service providers included Multinet Gas (DB No. 1) Pty Ltd (ACN 086 026 986) and Multinet Gas (DB No. 2) Pty Ltd (ACN 086 230 122) trading as Multinet Gas Distribution Partnership (ABN 53 634 214 009).

4. Extensions to or expansions of the capacity of a pipeline listed in a preceding subclause where, by operation of an applicable access arrangement or under the National Gas Law, those extensions or expansions are to be treated as part of the pipeline.

Transmission pipelines:

5. Transmission pipelines with respect to which, immediately before the commencement date, a service provider was APA GasNet Australia (Operations) Pty Ltd (ACN 083 009 278).

6. Extensions to or expansions of the capacity of a pipeline listed in the preceding subclause where, by operation of an applicable access arrangement or under the National Gas Law, those extensions or expansions are to be treated as part of the pipeline.

Definition:

In this Order 'commencement date' means the day on which section 30 of the **Energy Legislation Amendment (Australian Energy Market Operator) Act 2009** commences.

Dated 26 June 2009

PETER BATCHELOR MP
Minister for Energy and Resources

National Gas (Victoria) Act 2008

MINISTERIAL ORDER UNDER SECTION 39

I, Peter Batchelor, Minister for Energy and Resources and Minister responsible for administering the **National Gas (Victoria) Act 2008**, declare:

1. pursuant to section 39(a) that each of the following is a declared distribution system:

   a.) Distribution pipelines with respect to which, immediately before the commencement date, a service provider was the entity or entities that trade either together or separately as 'SP AusNet' including but not limited to SPI Networks (Gas) Pty Ltd (ACN 086 015 036).

   b.) Distribution pipelines with respect to which, immediately before the commencement date, a service provider was either or both of Envestra Victoria Pty Ltd (ACN 085 882 373) and Vic Gas Distribution Pty Ltd (ACN 085 899 001).

   c.) Distribution pipelines with respect to which, immediately before the commencement date, the service providers included Multinet Gas (DB No. 1) Pty Ltd (ACN 086 026 986) and Multinet Gas (DB No. 2) Pty Ltd (ACN 086 230 122) trading as Multinet Gas Distribution Partnership (ABN 53 634 214 009).

   d.) Distribution pipelines with respect to which, immediately before the commencement date, the service provider was The Albury Gas Co. Ltd (ACN 000 001 249).

   e.) Extensions to or expansions of the capacity of a pipeline listed in a preceding subclause where, by operation of an applicable access arrangement or under the National Gas Law, those extensions or expansions are to be treated as part of the pipeline.

2. pursuant to section 39(b) that the following is a declared transmission system:

   a.) Transmission pipelines with respect to which immediately, before the commencement date, a service provider was APA GasNet Australia (Operations) Pty Ltd (ACN 083 009 278).

b.) Extensions to or expansions of the capacity of a pipeline listed in the preceding subclause where, by operation of an applicable access arrangement or under the National Gas Law, those extensions or expansions are to be treated as part of the pipeline.

Definition:

In this Order 'commencement date' means the day on which section 30 of the **Energy Legislation Amendment (Australian Energy Market Operator) Act 2009** commences.

Dated 26 June 2009

PETER BATCHELOR MP
Minister for Energy and Resources

National Gas (Victoria) Act 2008

MINISTERIAL ORDER UNDER SECTION 40

I, Peter Batchelor, Minister for Energy and Resources and Minister responsible for administering the **National Gas (Victoria) Act 2008**, declare pursuant to section 40 that the following users are declared host retailers:

a.) TRUenergy Pty Ltd (ACN 086 014 968) where the supply point or ancillary supply point is in the Distribution area defined in the Distribution Licence assigned to Vic Gas Distribution Pty Ltd (ACN 085 899 001) trading as Envestra;

b.) Origin Energy (Vic) Pty Ltd (ACN 086 013 283) where the supply point or ancillary supply point is in the Distribution area defined in the Distribution Licence assigned to Multinet Gas (DB No. 1) Pty Ltd (ACN 086 026 986) and Multinet Gas (DB No. 2) Pty Ltd (ACN 086 230 122) trading as Multinet Gas Distribution Partnership (ABN 53 634 214 009);

c.) AGL Sales Pty Limited (ACN 090 538 337) where the supply point or ancillary supply point is in the Distribution area defined in the Distribution Licence assigned to SPI Networks (Gas) Pty Ltd (ABN 43 086 015 036);

Dated 26 June 2009

PETER BATCHELOR MP
Minister for Energy and Resources

National Gas (Victoria) Act 2008

MINISTERIAL ORDER UNDER SECTION 41

I, Peter Batchelor, Minister for Energy and Resources and Minister responsible for administering the **National Gas (Victoria) Act 2008**, declare pursuant to section 41 that:

1. APA GasNet Australia (Operations) Pty Ltd (ACN 083 009 278) is a declared LNG storage provider;
2. BOC Limited (ACN 000 029 729) is a declared LNG supplier; and
3. The agreement dated 17 May 1995 between BOC Gases Australia Ltd (ACN 000 029 729) and Gas Transmission Corporation Pty Ltd (ACN 079 089 268), relating to the supply of liquefied natural gas and any amendments or variations to that agreement, being the agreement called in the MSO Rules the 'BOC Agreement', is a declared LNG supply agreement.

In this Order, 'MSO Rules' has the same meaning as it had in the **Gas Industry Act 2001** (Vic.) prior to the amendments made by the **Energy Legislation Amendment (Australian Energy Market Operator) Act 2009**.

Dated 26 June 2009

PETER BATCHELOR MP
Minister for Energy and Resources

National Gas (Victoria) Act 2008

MINISTERIAL ORDER UNDER SECTION 42(1)

I, Peter Batchelor, Minister for Energy and Resources and Minister responsible for administering the **National Gas (Victoria) Act 2008**, declare pursuant to section 42(1) that the following provisions of the ESC Gas Distribution Code are declared metering requirements:

1. Part C1 of Schedule 1 for the purposes of the definition of 'UAFGD' in rule 235(8) of the Rules; and
2. For the purposes of rules 298(2) and 304(1)(a) of the Rules, clause 6.5(a) as if:
   a. the reference in clause 6.5(a)(ii) to 'Schedule 4.1 of the Market Rules' was a reference to the metering uncertainty limits and calibration requirements procedures made pursuant to Rule 297 of the Rules; and
   b. in clause 6.5(a)(iv):
      i. the reference to 'Market Rules' were a reference to Part 19 of the Rules;
      ii. the reference to 'a non-principal transmission system'were a reference to a transmission pipeline in Victoria that does not form part of the declared transmission system; and
      iii. the reference to 'the applicable Retail Rules' were a reference to the Retail Market Procedures.

Dated 26 June 2009

PETER BATCHELOR MP
Minister for Energy and Resources

National Gas (Victoria) Act 2008

MINISTERIAL ORDER UNDER SECTION 43

I, Peter Batchelor, Minister for Energy and Resources and Minister responsible for administering the **National Gas (Victoria) Act 2008**, declare pursuant to section 43 that the wholesale gas market operated in Victoria by VENCorp immediately prior to the commencement of section 30 of the **Energy Legislation Amendment (Australian Energy Market Operator) Act 2009**, and which will be operated by AEMO, is a declared wholesale gas market.

Dated 26 June 2009

PETER BATCHELOR MP
Minister for Energy and Resources

National Gas (Victoria) Act 2008

MINISTERIAL ORDER UNDER SECTION 47

I, Peter Batchelor, Minister for Energy and Resources and Minister responsible for administering the **National Gas (Victoria) Act 2008**, declare pursuant to section 47 that the following are current operating agreements:

1. Connection Agreement dated 11 December 1997 between Multinet (Assets) Pty Ltd (ACN 079 088 967) and Multinet Gas Pty Ltd (ACN 079 088 930) (together Multinet, the successors in title to which are Multinet Gas (DB No. 1) Pty Ltd (ACN 086 026 986) and Multinet Gas (DB No. 2) Pty Ltd (ACN 086 230 122)) and Transmission Pipelines Australia (Assets) Pty Ltd (ACN 079 136 413) (subsequently known as APA GasNet Australia (NSW) Pty Ltd) and Transmission Pipelines Australia Pty Ltd (ACN 079 089 268) and VENCorp relating to the operation and connection of the Multinet Distribution System to the Principal Gas Transmission System;

2. Connection Agreement dated 11 December 1997 between Stratus Networks (Assets) Pty Ltd (ACN 079 089 142) and Stratus Networks Pty Ltd (ACN 079 089 099) (together Stratus, the successor in title to which is Vic Gas Distribution Pty Ltd (ACN 085 899 001)), and Transmission Pipelines Australia (Assets) Pty Ltd (ACN 079 136 413) and Transmission Pipelines Australia Pty Ltd (ACN 079 089 268) (together TPA, the successor in title to which is APA GasNet Australia (Operations) Pty Ltd (ABN 65 083 009 278)) and VENCorp relating to the operation and connection of the Status Distribution System to the Principal Gas Transmission System;

3. Connection Agreement dated 11 December 1997 between Westar (Assets) Pty Ltd (ACN 079 089 062) and Westar Pty Ltd (ACN 079 089 008) (together Westar, the successor in title to which is SPI Networks (Gas) Pty Ltd (ACN 086 015 036)) and Transmission Pipelines Australia (Assets) Pty Ltd (ACN 079 136 413) and Transmission Pipelines Australia Pty Ltd (ACN 079 089 268) (together TPA, the successor in title to which is APA GasNet Australia (Operations) Pty Ltd (ABN 65 083 009 278)) and VENCorp relating to the operation and connection of the Westar Distribution System to the Principal Gas Transmission System;

4. Connection Deed dated 3 September 1998 between Multinet (Assets) Pty Ltd (ACN 079 088 967) and Multinet Gas Pty Ltd (ACN 079 088 930) (together Multinet, the successors in title to which are MultiNet Gas (DB No. 1) Pty Ltd (ACN 086 026 986) and MultiNet Gas (DB No. 2) Pty Ltd (ACN 086 230 122)) and VENCorp relating to the operation and connection of the Multinet Distribution System to the Principal Gas Transmission System as amended by variation deed dated 21 December 2000;

5. Connection Deed dated 3 September 1998 between Stratus Networks (Assets) Pty Ltd (ACN 079 089 142) and Stratus Networks Pty Ltd (ACN 079 089 099) (together Stratus, the successor in title to which is Vic Gas Distribution Pty Ltd (ACN 085 899 001)) and VENCorp relating to the operation and connection of the Stratus Distribution System to the Principal Gas Transmission System as amended by variation deed dated 21 December 2000;

6. Connection Deed dated 24 August 1998 between Westar (Assets) Pty Ltd (ACN 079 089 062) and Westar Pty Ltd (ACN 079 089 008) (together Westar, the successor in title to which is SPI Networks (Gas) Pty Ltd (ACN 086 015 036)) and VENCorp relating to the operation and connection of the Westar Distribution System to the Principal Gas Transmission System as amended by variation agreement dated 21 December 2000;

7. Culcairn Operating Agreement dated 31 March 1999 between East Australian Pipeline Ltd (ACN 064 629 009) and VENCorp relating to the operation of the Barnawartha–Culcairn–Bomen Interconnect Pipeline as amended by agreement dated 15 November 1999;

8. Operating Agreement dated 15 April 1999 between Esso Australia Resources Ltd (ARBN 000 444 860) (the successor in title to which is Esso Australia Resources Pty Ltd (ACN 091 829 819) and BHP Petroleum (Bass Strait) Pty Ltd (ACN 004 228 004) and VENCorp relating to the operation of the Longford Gas Plant;

9. LNG Storage Facility Operation Agreement dated 27 November 2008 between APA GasNet Australia (Operations) Pty Ltd (ABN 65 083 009 278) and VENCorp relating to the operation of the LNG Storage Facility;

10. Operation Agreement dated 3 December 2003 between South East Australia Gas Pty Ltd (ABN 73 096 437 900) as agent for and on behalf of SEA Gas Partnership (ABN 81 366 072 976) (which consists of OE SEA Gas SPV2 Pty Ltd (ACN 095 483 453) (subsequently known as APT SEA Gas SPV 2 Pty Ltd), OE Sea Gas SPV3 Pty Ltd Ltd (ACN 095 483 462) (subsequently known as APT SEA Gas SPV 3 Pty Ltd), ANP SEA Gas SPV 2 Pty Ltd (ACN 099 332 368), ANP SEA Gas SPV 3 Pty Ltd (ACN 099 332 395), TXU SEA Gas SPV 1 Pty Ltd (ACN 095 483 444) (subsequently known as Rest Sea Gas SPV 1 Pty Ltd), and TXU SEA Gas SPV2 Pty Ltd (ACN 099 332 331) (subsequently known as Rest SEA Gas SPV2 Pty Ltd)) and VENCorp relating to the operation of the Interconnected Pipeline facilities at Iona;

11. Operation Agreement dated 21 June 2005 between Snowy Hydro Limited (ABN 17 090 574 431) and VENCorp relating to the operation of Snowy Hydro Limited's Connection Point Facilities located at Laverton North;
12. Operating Protocol between Snowy Hydro Limited (ABN 17 090 574 431) and APA GasNet Australia Pty Ltd (ACN 095 457 868) and VENCorp relating to the operation and emergency response for Snowy Hydro Limited's Connection Point Facilities located at Laverton North;
13. Operating Deed dated 15 December 1998 between VENCorp and Western Underground Gas Storage Pty Ltd (ACN 079 089 311) relating to the operation of the Principal Gas Transmission System and its interface with the Western Underground Gas Storage Facility;
14. Operation Agreement dated 13 November 2002 between VENCorp and DEI VicHub Pty Ltd (ABN 61 085 550 689) (subsequently known as Jemena VicHub Pipeline Pty Ltd) relating to the operation of DEI VicHub Pty Ltd's Interconnecting Facilities as amended by agreements dated 19 December 2002 and 28 March 2007;
15. Operation Agreement dated 7 June 2004 between VENCorp and Origin Energy Resources Limited (ABN 66 007 845 338) acting as the agent for an unincorporated joint venture consisting of Origin Energy Resources Limited (ABN 66 007 845 338), Origin Energy Northwest Ltd (ARBN 009 475 325) AWE Petroleum Ltd (ABN 52 009 440 975), CalEnergy Gas (Australia) Ltd (ARBN 099 899 395) and Wandoo Petroleum Pty Ltd (ABN 96 069 924 705) (together, Yolla Joint Venture) relating to the operation of the Yolla Joint Venture's Interconnecting Pipeline facilities from the BassGas Onshore Plant at Lang Lang.

Dated 26 June 2009

PETER BATCHELOR MP
Minister for Energy and Resources

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