

Supplementary Table B1. List of computational variables and their descriptions.

Number	Computational variable	Balancing authority	Purpose	Weather variable	Scale
1	PJM_load_t2m	PJM	for total load prediction	Air temperature	Eastern Interconnection; Individually; U.S. Mainland
2	PJM_load_d2m	PJM	for total load prediction	Dewpoint	Eastern Interconnection; Individually; U.S. Mainland
3	PJM_load_wsp	PJM	for total load prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
4	PJM_wind_wsp	PJM	for wind capacity factor prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
5	PJM_solar_srl	PJM	for solar capacity factor prediction	Solar irradiance loss	Eastern Interconnection; Individually; U.S. Mainland
6	AECI_load_t2m	AECI	for total load prediction	Air temperature	Eastern Interconnection; Individually; U.S. Mainland
7	AECI_load_d2m	AECI	for total load prediction	Dewpoint	Eastern Interconnection; Individually; U.S. Mainland
8	AECI_load_wsp	AECI	for total load prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
9	AECI_wind_wsp	AECI	for wind capacity factor prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
10	AECI_solar_srl	AECI	for solar capacity factor prediction	Solar irradiance loss	Eastern Interconnection; Individually; U.S. Mainland
11	AVA_load_t2m	AVA	for total load prediction	Air temperature	Individually; U.S. Mainland
12	AVA_load_d2m	AVA	for total load prediction	Dewpoint	Individually; U.S. Mainland
13	AVA_load_wsp	AVA	for total load prediction	Wind speed	Individually; U.S. Mainland
14	AVA_wind_wsp	AVA	for wind capacity factor prediction	Wind speed	Individually; U.S. Mainland
15	AVA_solar_srl	AVA	for solar capacity factor prediction	Solar irradiance loss	Individually; U.S. Mainland
16	AZPS_load_t2m	AZPS	for total load prediction	Air temperature	Individually; U.S. Mainland
17	AZPS_load_d2m	AZPS	for total load prediction	Dewpoint	Individually; U.S. Mainland
18	AZPS_load_wsp	AZPS	for total load prediction	Wind speed	Individually; U.S. Mainland
19	AZPS_wind_wsp	AZPS	for wind capacity factor prediction	Wind speed	Individually; U.S. Mainland
20	AZPS_solar_srl	AZPS	for solar capacity factor prediction	Solar irradiance loss	Individually; U.S. Mainland
21	BANC_load_t2m	BANC	for total load prediction	Air temperature	Individually; U.S. Mainland
22	BANC_load_d2m	BANC	for total load prediction	Dewpoint	Individually; U.S. Mainland
23	BANC_load_wsp	BANC	for total load prediction	Wind speed	Individually; U.S. Mainland
24	BANC_solar_srl	BANC	for solar capacity factor prediction	Solar irradiance loss	Individually; U.S. Mainland
25	BPAT_load_t2m	BPAT	for total load prediction	Air temperature	Individually; U.S. Mainland
26	BPAT_load_d2m	BPAT	for total load prediction	Dewpoint	Individually; U.S. Mainland

Number	Computational variable	Balancing authority	Purpose	Weather variable	Scale
27	BPAT_load_wsp	BPAT	for total load prediction	Wind speed	Individually; U.S. Mainland
28	BPAT_wind_wsp	BPAT	for wind capacity factor prediction	Wind speed	Individually; U.S. Mainland
29	BPAT_solar_srl	BPAT	for solar capacity factor prediction	Solar irradiance loss	Individually; U.S. Mainland
30	CHPD_load_t2m	CHPD	for total load prediction	Air temperature	Individually; U.S. Mainland
31	CHPD_load_d2m	CHPD	for total load prediction	Dewpoint	Individually; U.S. Mainland
32	CHPD_load_wsp	CHPD	for total load prediction	Wind speed	Individually; U.S. Mainland
33	CISO_load_t2m	CISO	for total load prediction	Air temperature	Individually; U.S. Mainland
34	CISO_load_d2m	CISO	for total load prediction	Dewpoint	Individually; U.S. Mainland
35	CISO_load_wsp	CISO	for total load prediction	Wind speed	Individually; U.S. Mainland
36	CISO_wind_wsp	CISO	for wind capacity factor prediction	Wind speed	Individually; U.S. Mainland
37	CISO_solar_srl	CISO	for solar capacity factor prediction	Solar irradiance loss	Individually; U.S. Mainland
38	DOPD_load_t2m	DOPD	for total load prediction	Air temperature	Individually; U.S. Mainland
39	DOPD_load_d2m	DOPD	for total load prediction	Dewpoint	Individually; U.S. Mainland
40	DOPD_load_wsp	DOPD	for total load prediction	Wind speed	Individually; U.S. Mainland
41	EPE_load_t2m	EPE	for total load prediction	Air temperature	Individually; U.S. Mainland
42	EPE_load_d2m	EPE	for total load prediction	Dewpoint	Individually; U.S. Mainland
43	EPE_load_wsp	EPE	for total load prediction	Wind speed	Individually; U.S. Mainland
44	EPE_wind_wsp	EPE	for wind capacity factor prediction	Wind speed	Individually; U.S. Mainland
45	EPE_solar_srl	EPE	for solar capacity factor prediction	Solar irradiance loss	Individually; U.S. Mainland
46	ERCO_load_t2m	ERCO	for total load prediction	Air temperature	Individually; U.S. Mainland
47	ERCO_load_d2m	ERCO	for total load prediction	Dewpoint	Individually; U.S. Mainland
48	ERCO_load_wsp	ERCO	for total load prediction	Wind speed	Individually; U.S. Mainland
49	ERCO_wind_wsp	ERCO	for wind capacity factor prediction	Wind speed	Individually; U.S. Mainland
50	ERCO_solar_srl	ERCO	for solar capacity factor prediction	Solar irradiance loss	Individually; U.S. Mainland
51	FPC_load_t2m	FPC	for total load prediction	Air temperature	Eastern Interconnection; Individually; U.S. Mainland
52	FPC_load_d2m	FPC	for total load prediction	Dewpoint	Eastern Interconnection; Individually; U.S. Mainland
53	FPC_load_wsp	FPC	for total load prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
54	FPC_solar_srl	FPC	for solar capacity factor prediction	Solar irradiance loss	Eastern Interconnection; Individually; U.S. Mainland

Number	Computational variable	Balancing authority	Purpose	Weather variable	Scale
55	FPL_load_t2m	FPL	for total load prediction	Air temperature	Eastern Interconnection; Individually; U.S. Mainland
56	FPL_load_d2m	FPL	for total load prediction	Dewpoint	Eastern Interconnection; Individually; U.S. Mainland
57	FPL_load_wsp	FPL	for total load prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
58	FPL_solar_srl	FPL	for solar capacity factor prediction	Solar irradiance loss	Eastern Interconnection; Individually; U.S. Mainland
59	GCPD_load_t2m	GCPD	for total load prediction	Air temperature	Individually; U.S. Mainland
60	GCPD_load_d2m	GCPD	for total load prediction	Dewpoint	Individually; U.S. Mainland
61	GCPD_load_wsp	GCPD	for total load prediction	Wind speed	Individually; U.S. Mainland
62	GVL_load_t2m	GVL	for total load prediction	Air temperature	Eastern Interconnection; Individually; U.S. Mainland
63	GVL_load_d2m	GVL	for total load prediction	Dewpoint	Eastern Interconnection; Individually; U.S. Mainland
64	GVL_load_wsp	GVL	for total load prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
65	GVL_solar_srl	GVL	for solar capacity factor prediction	Solar irradiance loss	Eastern Interconnection; Individually; U.S. Mainland
66	HST_load_t2m	HST	for total load prediction	Air temperature	Eastern Interconnection; Individually; U.S. Mainland
67	HST_load_d2m	HST	for total load prediction	Dewpoint	Eastern Interconnection; Individually; U.S. Mainland
68	HST_load_wsp	HST	for total load prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
69	IID_load_t2m	IID	for total load prediction	Air temperature	Individually; U.S. Mainland
70	IID_load_d2m	IID	for total load prediction	Dewpoint	Individually; U.S. Mainland
71	IID_load_wsp	IID	for total load prediction	Wind speed	Individually; U.S. Mainland
72	IID_solar_srl	IID	for solar capacity factor prediction	Solar irradiance loss	Individually; U.S. Mainland
73	IPCO_load_t2m	IPCO	for total load prediction	Air temperature	Individually; U.S. Mainland
74	IPCO_load_d2m	IPCO	for total load prediction	Dewpoint	Individually; U.S. Mainland
75	IPCO_load_wsp	IPCO	for total load prediction	Wind speed	Individually; U.S. Mainland
76	IPCO_wind_wsp	IPCO	for wind capacity factor prediction	Wind speed	Individually; U.S. Mainland
77	IPCO_solar_srl	IPCO	for solar capacity factor prediction	Solar irradiance loss	Individually; U.S. Mainland
78	ISNE_load_t2m	ISNE	for total load prediction	Air temperature	Eastern Interconnection; Individually; U.S. Mainland
79	ISNE_load_d2m	ISNE	for total load prediction	Dewpoint	Eastern Interconnection; Individually; U.S. Mainland
80	ISNE_load_wsp	ISNE	for total load prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
81	ISNE_wind_wsp	ISNE	for wind capacity factor prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
82	ISNE_solar_srl	ISNE	for solar capacity factor prediction	Solar irradiance loss	Eastern Interconnection; Individually; U.S. Mainland

Number	Computational variable	Balancing authority	Purpose	Weather variable	Scale
83	JEA_load_t2m	JEA	for total load prediction	Air temperature	Eastern Interconnection; Individually; U.S. Mainland
84	JEA_load_d2m	JEA	for total load prediction	Dewpoint	Eastern Interconnection; Individually; U.S. Mainland
85	JEA_load_wsp	JEA	for total load prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
86	JEA_solar_srl	JEA	for solar capacity factor prediction	Solar irradiance loss	Eastern Interconnection; Individually; U.S. Mainland
87	LDWP_load_t2m	LDWP	for total load prediction	Air temperature	Individually; U.S. Mainland
88	LDWP_load_d2m	LDWP	for total load prediction	Dewpoint	Individually; U.S. Mainland
89	LDWP_load_wsp	LDWP	for total load prediction	Wind speed	Individually; U.S. Mainland
90	LDWP_wind_wsp	LDWP	for wind capacity factor prediction	Wind speed	Individually; U.S. Mainland
91	LDWP_solar_srl	LDWP	for solar capacity factor prediction	Solar irradiance loss	Individually; U.S. Mainland
92	LGEE_load_t2m	LGEE	for total load prediction	Air temperature	Eastern Interconnection; Individually; U.S. Mainland
93	LGEE_load_d2m	LGEE	for total load prediction	Dewpoint	Eastern Interconnection; Individually; U.S. Mainland
94	LGEE_load_wsp	LGEE	for total load prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
95	LGEE_solar_srl	LGEE	for solar capacity factor prediction	Solar irradiance loss	Eastern Interconnection; Individually; U.S. Mainland
96	MISO_load_t2m	MISO	for total load prediction	Air temperature	Eastern Interconnection; Individually; U.S. Mainland
97	MISO_load_d2m	MISO	for total load prediction	Dewpoint	Eastern Interconnection; Individually; U.S. Mainland
98	MISO_load_wsp	MISO	for total load prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
99	MISO_wind_wsp	MISO	for wind capacity factor prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
100	MISO_solar_srl	MISO	for solar capacity factor prediction	Solar irradiance loss	Eastern Interconnection; Individually; U.S. Mainland
101	NEVP_load_t2m	NEVP	for total load prediction	Air temperature	Individually; U.S. Mainland
102	NEVP_load_d2m	NEVP	for total load prediction	Dewpoint	Individually; U.S. Mainland
103	NEVP_load_wsp	NEVP	for total load prediction	Wind speed	Individually; U.S. Mainland
104	NEVP_wind_wsp	NEVP	for wind capacity factor prediction	Wind speed	Individually; U.S. Mainland
105	NEVP_solar_srl	NEVP	for solar capacity factor prediction	Solar irradiance loss	Individually; U.S. Mainland
106	NWMT_load_t2m	NWMT	for total load prediction	Air temperature	Individually; U.S. Mainland
107	NWMT_load_d2m	NWMT	for total load prediction	Dewpoint	Individually; U.S. Mainland
108	NWMT_load_wsp	NWMT	for total load prediction	Wind speed	Individually; U.S. Mainland
109	NWMT_wind_wsp	NWMT	for wind capacity factor prediction	Wind speed	Individually; U.S. Mainland
110	NWMT_solar_srl	NWMT	for solar capacity factor prediction	Solar irradiance loss	Individually; U.S. Mainland

Number	Computational variable	Balancing authority	Purpose	Weather variable	Scale
111	NYIS_load_t2m	NYIS	for total load prediction	Air temperature	Eastern Interconnection; Individually; U.S. Mainland
112	NYIS_load_d2m	NYIS	for total load prediction	Dewpoint	Eastern Interconnection; Individually; U.S. Mainland
113	NYIS_load_wsp	NYIS	for total load prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
114	NYIS_wind_wsp	NYIS	for wind capacity factor prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
115	NYIS_solar_srl	NYIS	for solar capacity factor prediction	Solar irradiance loss	Eastern Interconnection; Individually; U.S. Mainland
116	DUK_load_t2m	DUK	for total load prediction	Air temperature	Eastern Interconnection; Individually; North Carolina State; U.S. Mainland
117	DUK_load_d2m	DUK	for total load prediction	Dewpoint	Eastern Interconnection; Individually; North Carolina State; U.S. Mainland
118	DUK_load_wsp	DUK	for total load prediction	Wind speed	Eastern Interconnection; Individually; North Carolina State; U.S. Mainland
119	DUK_solar_srl	DUK	for solar capacity factor prediction	Solar irradiance loss	Eastern Interconnection; Individually; North Carolina State; U.S. Mainland
120	CPLE_load_t2m	CPLE	for total load prediction	Air temperature	Eastern Interconnection; Individually; North Carolina State; U.S. Mainland
121	CPLE_load_d2m	CPLE	for total load prediction	Dewpoint	Eastern Interconnection; Individually; North Carolina State; U.S. Mainland
122	CPLE_load_wsp	CPLE	for total load prediction	Wind speed	Eastern Interconnection; Individually; North Carolina State; U.S. Mainland
124	CPLE_solar_srl	CPLE	for solar capacity factor prediction	Solar irradiance loss	Eastern Interconnection; Individually; North Carolina State; U.S. Mainland
125	CPLW_load_t2m	CPLW	for total load prediction	Air temperature	Eastern Interconnection; Individually; North Carolina State; U.S. Mainland
126	CPLW_load_d2m	CPLW	for total load prediction	Dewpoint	Eastern Interconnection; Individually; North Carolina State; U.S. Mainland
127	CPLW_load_wsp	CPLW	for total load prediction	Wind speed	Eastern Interconnection; Individually; North Carolina State; U.S. Mainland
128	CPLW_solar_srl	CPLW	for solar capacity factor prediction	Solar irradiance loss	Eastern Interconnection; Individually; North Carolina State; U.S. Mainland
129	PACE_load_t2m	PACE	for total load prediction	Air temperature	Individually; U.S. Mainland
130	PACE_load_d2m	PACE	for total load prediction	Dewpoint	Individually; U.S. Mainland
131	PACE_load_wsp	PACE	for total load prediction	Wind speed	Individually; U.S. Mainland
132	PACE_wind_wsp	PACE	for wind capacity factor prediction	Wind speed	Individually; U.S. Mainland
133	PACE_solar_srl	PACE	for solar capacity factor prediction	Solar irradiance loss	Individually; U.S. Mainland
134	PACW_load_t2m	PACW	for total load prediction	Air temperature	Individually; U.S. Mainland
135	PACW_load_d2m	PACW	for total load prediction	Dewpoint	Individually; U.S. Mainland
136	PACW_load_wsp	PACW	for total load prediction	Wind speed	Individually; U.S. Mainland
137	PACW_wind_wsp	PACW	for wind capacity factor prediction	Wind speed	Individually; U.S. Mainland
138	PACW_solar_srl	PACW	for solar capacity factor prediction	Solar irradiance loss	Individually; U.S. Mainland
139	PGE_load_t2m	PGE	for total load prediction	Air temperature	Individually; U.S. Mainland

Number	Computational variable	Balancing authority	Purpose	Weather variable	Scale
140	PGE_load_d2m	PGE	for total load prediction	Dewpoint	Individually; U.S. Mainland
141	PGE_load_wsp	PGE	for total load prediction	Wind speed	Individually; U.S. Mainland
142	PGE_wind_wsp	PGE	for wind capacity factor prediction	Wind speed	Individually; U.S. Mainland
143	PGE_solar_srl	PGE	for solar capacity factor prediction	Solar irradiance loss	Individually; U.S. Mainland
144	PNM_load_t2m	PNM	for total load prediction	Air temperature	Individually; U.S. Mainland
145	PNM_load_d2m	PNM	for total load prediction	Dewpoint	Individually; U.S. Mainland
146	PNM_load_wsp	PNM	for total load prediction	Wind speed	Individually; U.S. Mainland
147	PNM_wind_wsp	PNM	for wind capacity factor prediction	Wind speed	Individually; U.S. Mainland
148	PNM_solar_srl	PNM	for solar capacity factor prediction	Solar irradiance loss	Individually; U.S. Mainland
149	PSCO_load_t2m	PSCO	for total load prediction	Air temperature	Individually; U.S. Mainland
150	PSCO_load_d2m	PSCO	for total load prediction	Dewpoint	Individually; U.S. Mainland
151	PSCO_load_wsp	PSCO	for total load prediction	Wind speed	Individually; U.S. Mainland
152	PSCO_wind_wsp	PSCO	for wind capacity factor prediction	Wind speed	Individually; U.S. Mainland
153	PSCO_solar_srl	PSCO	for solar capacity factor prediction	Solar irradiance loss	Individually; U.S. Mainland
154	PSEI_load_t2m	PSEI	for total load prediction	Air temperature	Individually; U.S. Mainland
155	PSEI_load_d2m	PSEI	for total load prediction	Dewpoint	Individually; U.S. Mainland
156	PSEI_load_wsp	PSEI	for total load prediction	Wind speed	Individually; U.S. Mainland
157	PSEI_wind_wsp	PSEI	for wind capacity factor prediction	Wind speed	Individually; U.S. Mainland
158	PSEI_solar_srl	PSEI	for solar capacity factor prediction	Solar irradiance loss	Individually; U.S. Mainland
159	SC_load_t2m	SC	for total load prediction	Air temperature	Eastern Interconnection; Individually; U.S. Mainland
160	SC_load_d2m	SC	for total load prediction	Dewpoint	Eastern Interconnection; Individually; U.S. Mainland
161	SC_load_wsp	SC	for total load prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
162	SC_solar_srl	SC	for solar capacity factor prediction	Solar irradiance loss	Eastern Interconnection; Individually; U.S. Mainland
163	SCL_load_t2m	SCL	for total load prediction	Air temperature	Individually; U.S. Mainland
164	SCL_load_d2m	SCL	for total load prediction	Dewpoint	Individually; U.S. Mainland
165	SCL_load_wsp	SCL	for total load prediction	Wind speed	Individually; U.S. Mainland
166	SCEG_load_t2m	SCEG	for total load prediction	Air temperature	Eastern Interconnection; Individually; U.S. Mainland
167	SCEG_load_d2m	SCEG	for total load prediction	Dewpoint	Eastern Interconnection; Individually; U.S. Mainland

Number	Computational variable	Balancing authority	Purpose	Weather variable	Scale
168	SCEG_load_wsp	SCEG	for total load prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
169	SCEG_solar_srl	SCEG	for solar capacity factor prediction	Solar irradiance loss	Eastern Interconnection; Individually; U.S. Mainland
170	SEC_load_t2m	SEC	for total load prediction	Air temperature	Eastern Interconnection; Individually; U.S. Mainland
171	SEC_load_d2m	SEC	for total load prediction	Dewpoint	Eastern Interconnection; Individually; U.S. Mainland
172	SEC_load_wsp	SEC	for total load prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
173	SOCO_load_t2m	SOCO	for total load prediction	Air temperature	Eastern Interconnection; Individually; U.S. Mainland
174	SOCO_load_d2m	SOCO	for total load prediction	Dewpoint	Eastern Interconnection; Individually; U.S. Mainland
175	SOCO_load_wsp	SOCO	for total load prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
176	SOCO_solar_srl	SOCO	for solar capacity factor prediction	Solar irradiance loss	Eastern Interconnection; Individually; U.S. Mainland
177	SPA_load_t2m	SPA	for total load prediction	Air temperature	Eastern Interconnection; Individually; U.S. Mainland
178	SPA_load_d2m	SPA	for total load prediction	Dewpoint	Eastern Interconnection; Individually; U.S. Mainland
179	SPA_load_wsp	SPA	for total load prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
180	SPA_wind_wsp	SPA	for wind capacity factor prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
181	SPA_solar_srl	SPA	for solar capacity factor prediction	Solar irradiance loss	Eastern Interconnection; Individually; U.S. Mainland
182	SRP_load_t2m	SRP	for total load prediction	Air temperature	Individually; U.S. Mainland
183	SRP_load_d2m	SRP	for total load prediction	Dewpoint	Individually; U.S. Mainland
184	SRP_load_wsp	SRP	for total load prediction	Wind speed	Individually; U.S. Mainland
185	SRP_wind_wsp	SRP	for wind capacity factor prediction	Wind speed	Individually; U.S. Mainland
186	SRP_solar_srl	SRP	for solar capacity factor prediction	Solar irradiance loss	Individually; U.S. Mainland
187	SWPP_load_t2m	SWPP	for total load prediction	Air temperature	Eastern Interconnection; Individually; U.S. Mainland
188	SWPP_load_d2m	SWPP	for total load prediction	Dewpoint	Eastern Interconnection; Individually; U.S. Mainland
189	SWPP_load_wsp	SWPP	for total load prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
190	SWPP_wind_wsp	SWPP	for wind capacity factor prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
191	SWPP_solar_srl	SWPP	for solar capacity factor prediction	Solar irradiance loss	Eastern Interconnection; Individually; U.S. Mainland
192	TAL_load_t2m	TAL	for total load prediction	Air temperature	Eastern Interconnection; Individually; U.S. Mainland
193	TAL_load_d2m	TAL	for total load prediction	Dewpoint	Eastern Interconnection; Individually; U.S. Mainland
194	TAL_load_wsp	TAL	for total load prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
195	TAL_solar_srl	TAL	for solar capacity factor prediction	Solar irradiance loss	Eastern Interconnection; Individually; U.S. Mainland

Number	Computational variable	Balancing authority	Purpose	Weather variable	Scale
196	TEC_load_t2m	TEC	for total load prediction	Air temperature	Eastern Interconnection; Individually; U.S. Mainland
197	TEC_load_d2m	TEC	for total load prediction	Dewpoint	Eastern Interconnection; Individually; U.S. Mainland
198	TEC_load_wsp	TEC	for total load prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
199	TEC_solar_srl	TEC	for solar capacity factor prediction	Solar irradiance loss	Eastern Interconnection; Individually; U.S. Mainland
200	TEPC_load_t2m	TEPC	for total load prediction	Air temperature	Individually; U.S. Mainland
201	TEPC_load_d2m	TEPC	for total load prediction	Dewpoint	Individually; U.S. Mainland
202	TEPC_load_wsp	TEPC	for total load prediction	Wind speed	Individually; U.S. Mainland
203	TEPC_wind_wsp	TEPC	for wind capacity factor prediction	Wind speed	Individually; U.S. Mainland
204	TEPC_solar_srl	TEPC	for solar capacity factor prediction	Solar irradiance loss	Individually; U.S. Mainland
205	TIDC_load_t2m	TIDC	for total load prediction	Air temperature	Individually; U.S. Mainland
206	TIDC_load_d2m	TIDC	for total load prediction	Dewpoint	Individually; U.S. Mainland
207	TIDC_load_wsp	TIDC	for total load prediction	Wind speed	Individually; U.S. Mainland
208	TPWR_load_t2m	TPWR	for total load prediction	Air temperature	Individually; U.S. Mainland
209	TPWR_load_d2m	TPWR	for total load prediction	Dewpoint	Individually; U.S. Mainland
210	TPWR_load_wsp	TPWR	for total load prediction	Wind speed	Individually; U.S. Mainland
211	TVA_load_t2m	TVA	for total load prediction	Air temperature	Eastern Interconnection; Individually; U.S. Mainland
212	TVA_load_d2m	TVA	for total load prediction	Dewpoint	Eastern Interconnection; Individually; U.S. Mainland
213	TVA_load_wsp	TVA	for total load prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
214	TVA_wind_wsp	TVA	for wind capacity factor prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
215	TVA_solar_srl	TVA	for solar capacity factor prediction	Solar irradiance loss	Eastern Interconnection; Individually; U.S. Mainland
216	WACM_load_t2m	WACM	for total load prediction	Air temperature	Individually; U.S. Mainland
217	WACM_load_d2m	WACM	for total load prediction	Dewpoint	Individually; U.S. Mainland
218	WACM_load_wsp	WACM	for total load prediction	Wind speed	Individually; U.S. Mainland
219	WACM_wind_wsp	WACM	for wind capacity factor prediction	Wind speed	Individually; U.S. Mainland
220	WACM_solar_srl	WACM	for solar capacity factor prediction	Solar irradiance loss	Individually; U.S. Mainland
221	WALC_load_t2m	WALC	for total load prediction	Air temperature	Individually; U.S. Mainland
222	WALC_load_d2m	WALC	for total load prediction	Dewpoint	Individually; U.S. Mainland
223	WALC_load_wsp	WALC	for total load prediction	Wind speed	Individually; U.S. Mainland

Number	Computational variable	Balancing authority	Purpose	Weather variable	Scale
224	WALC_wind_wsp	WALC	for wind capacity factor prediction	Wind speed	Individually; U.S. Mainland
225	WALC_solar_srl	WALC	for solar capacity factor prediction	Solar irradiance loss	Individually; U.S. Mainland
226	WAUW_load_t2m	WAUW	for total load prediction	Air temperature	Individually; U.S. Mainland
227	WAUW_load_d2m	WAUW	for total load prediction	Dewpoint	Individually; U.S. Mainland
228	WAUW_load_wsp	WAUW	for total load prediction	Wind speed	Individually; U.S. Mainland
229	WAUW_wind_wsp	WAUW	for wind capacity factor prediction	Wind speed	Individually; U.S. Mainland
230	AVRN_load_t2m	AVRN	for total load prediction	Air temperature	Individually; U.S. Mainland
231	AVRN_load_d2m	AVRN	for total load prediction	Dewpoint	Individually; U.S. Mainland
232	AVRN_load_wsp	AVRN	for total load prediction	Wind speed	Individually; U.S. Mainland
233	AVRN_wind_wsp	AVRN	for wind capacity factor prediction	Wind speed	Individually; U.S. Mainland
234	AVRN_solar_srl	AVRN	for solar capacity factor prediction	Solar irradiance loss	Individually; U.S. Mainland
235	GWA_load_t2m	GWA	for total load prediction	Air temperature	Individually; U.S. Mainland
236	GWA_load_d2m	GWA	for total load prediction	Dewpoint	Individually; U.S. Mainland
237	GWA_load_wsp	GWA	for total load prediction	Wind speed	Individually; U.S. Mainland
238	GWA_wind_wsp	GWA	for wind capacity factor prediction	Wind speed	Individually; U.S. Mainland
239	HGMA_load_t2m	HGMA	for total load prediction	Air temperature	Individually; U.S. Mainland
240	HGMA_load_d2m	HGMA	for total load prediction	Dewpoint	Individually; U.S. Mainland
241	HGMA_load_wsp	HGMA	for total load prediction	Wind speed	Individually; U.S. Mainland
242	SEPA_load_t2m	SEPA	for total load prediction	Air temperature	Eastern Interconnection; Individually; U.S. Mainland
243	SEPA_load_d2m	SEPA	for total load prediction	Dewpoint	Eastern Interconnection; Individually; U.S. Mainland
244	SEPA_load_wsp	SEPA	for total load prediction	Wind speed	Eastern Interconnection; Individually; U.S. Mainland
245	SEPA_solar_srl	SEPA	for solar capacity factor prediction	Solar irradiance loss	Eastern Interconnection; Individually; U.S. Mainland
246	WWA_load_t2m	WWA	for total load prediction	Air temperature	Individually; U.S. Mainland
247	WWA_load_d2m	WWA	for total load prediction	Dewpoint	Individually; U.S. Mainland
248	WWA_load_wsp	WWA	for total load prediction	Wind speed	Individually; U.S. Mainland
249	WWA_wind_wsp	WWA	for wind capacity factor prediction	Wind speed	Individually; U.S. Mainland