

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

10/10/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	18.12	16.61	15.46	15.15	15.61	17.43	26.49	32.86	28.30	25.23	25.04	23.45	22.80	22.56	23.00	24.40	26.47	31.53	39.31	41.14	30.02	26.42	23.26	20.49
24138	1.28	1.13	1.04	1.02	1.02	1.28	1.98	2.40	2.34	2.09	2.04	1.98	1.88	1.89	1.91	1.97	2.07	2.38	2.89	3.18	2.43	2.13	1.90	1.48
	-0.59	0.00	0.00	0.00	0.00	-0.20	-2.73	-6.20	-1.83	-1.80	-1.74	-0.64	-1.20	-0.74	-1.03	-1.66	-3.11	-4.17	-4.64	-3.34	-0.95	-0.29	0.00	0.00
74TH STREET_GT_1	18.10	16.63	15.45	15.16	15.61	17.41	26.44	32.79	28.25	25.17	24.97	23.39	22.76	22.54	22.98	24.35	26.43	31.48	39.28	41.14	30.03	26.39	23.24	20.49
24260	1.27	1.15	1.04	1.03	1.02	1.26	1.94	2.33	2.29	2.03	1.98	1.92	1.84	1.87	1.89	1.93	2.02	2.32	2.86	3.18	2.43	2.11	1.88	1.48
	-0.59	0.00	0.00	0.00	0.00	-0.20	-2.73	-6.20	-1.83	-1.80	-1.74	-0.64	-1.20	-0.74	-1.03	-1.66	-3.11	-4.17	-4.64	-3.34	-0.95	-0.29	0.00	0.00
74TH STREET_GT_2	18.10	16.63	15.45	15.16	15.61	17.41	26.44	32.79	28.25	25.17	24.97	23.39	22.76	22.54	22.98	24.35	26.43	31.48	39.28	41.14	30.03	26.39	23.24	20.49
24261	1.27	1.15	1.04	1.03	1.02	1.26	1.94	2.33	2.29	2.03	1.98	1.92	1.84	1.87	1.89	1.93	2.02	2.32	2.86	3.18	2.43	2.11	1.88	1.48
	-0.59	0.00	0.00	0.00	0.00	-0.20	-2.73	-6.20	-1.83	-1.80	-1.74	-0.64	-1.20	-0.74	-1.03	-1.66	-3.11	-4.17	-4.64	-3.34	-0.95	-0.29	0.00	0.00
ADK HUDSON___FALLS	18.17	16.63	15.47	15.16	15.67	17.38	26.40	33.36	27.45	23.87	23.49	22.66	21.54	21.59	21.87	22.96	24.46	31.92	40.00	39.98	30.03	26.17	22.84	20.45
24011	1.20	1.15	1.05	1.03	1.08	1.18	1.79	2.09	2.03	1.79	1.62	1.56	1.32	1.36	1.38	1.52	1.53	1.80	2.51	2.70	2.21	1.82	1.47	1.44
	-0.72	0.00	0.00	0.00	0.00	-0.24	-2.84	-7.01	-1.29	-0.73	-0.62	-0.26	-0.49	-0.30	-0.42	-0.68	-1.63	-5.13	-5.71	-2.66	-1.17	-0.36	0.00	0.00
ADK RESOURCE___RCVRY	18.27	16.74	15.56	15.24	15.75	17.48	26.55	33.55	27.64	24.06	23.63	22.82	21.68	21.73	22.01	23.08	24.59	32.07	40.19	40.22	30.22	26.34	22.97	20.59
23798	1.30	1.25	1.14	1.12	1.17	1.28	1.94	2.28	2.22	1.99	1.76	1.73	1.46	1.50	1.52	1.64	1.66	1.95	2.70	2.94	2.40	1.99	1.60	1.58
	-0.72	0.00	0.00	0.00	0.00	-0.24	-2.84	-7.02	-1.29	-0.73	-0.62	-0.26	-0.49	-0.30	-0.42	-0.68	-1.63	-5.13	-5.71	-2.66	-1.17	-0.36	0.00	0.00
ADK S GLENS___FALLS	18.17	16.63	15.47	15.16	15.67	17.38	26.40	33.36	27.45	23.87	23.49	22.66	21.54	21.59	21.87	22.96	24.46	31.92	40.00	39.98	30.03	26.17	22.84	20.45
24028	1.20	1.15	1.05	1.03	1.08	1.18	1.79	2.09	2.03	1.79	1.62	1.56	1.32	1.36	1.38	1.52	1.53	1.80	2.51	2.70	2.21	1.82	1.47	1.44
	-0.72	0.00	0.00	0.00	0.00	-0.24	-2.84	-7.01	-1.29	-0.73	-0.62	-0.26	-0.49	-0.30	-0.42	-0.68	-1.63	-5.13	-5.71	-2.66	-1.17	-0.36	0.00	0.00
ADK_NYS___DAM	17.73	16.30	15.17	14.88	15.36	17.12	25.78	32.54	26.97	23.28	22.85	22.12	21.27	21.34	21.64	22.78	24.43	31.61	39.38	39.56	29.51	25.75	22.54	19.92
23527	0.78	0.82	0.75	0.75	0.77	0.93	1.20	1.43	1.50	1.09	1.00	0.98	0.97	1.06	1.08	1.22	1.34	1.65	2.06	2.22	1.73	1.42	1.17	0.91
	-0.70	0.00	0.00	0.00	0.00	-0.24	-2.80	-6.86	-1.34	-0.85	-0.60	-0.30	-0.57	-0.35	-0.49	-0.79	-1.79	-4.97	-5.54	-2.72	-1.13	-0.34	0.00	0.00
AIR_PRODUCTS___DRP	17.25	15.78	14.75	14.45	14.91	16.59	25.05	31.75	26.03	22.56	22.31	21.46	20.60	20.65	20.93	21.97	23.52	30.66	38.20	38.14	28.49	24.85	21.75	19.33
24190	0.29	0.29	0.33	0.32	0.32	0.40	0.48	0.61	0.60	0.45	0.40	0.35	0.36	0.40	0.42	0.50	0.55	0.65	0.83	0.87	0.69	0.50	0.38	0.32
	-0.71	0.00	0.00	0.00	0.00	-0.24	-2.80	-6.89	-1.30	-0.77	-0.65	-0.27	-0.51	-0.32	-0.44	-0.71	-1.67	-5.02	-5.59	-2.66	-1.14	-0.35	0.00	0.00
AKWESSNE_115KV_BK	15.92	15.14	14.10	13.85	14.27	15.65	21.28	23.68	23.57	20.85	20.87	20.46	19.36	19.55	19.70	20.39	20.85	24.41	31.05	33.79	25.99	23.37	20.83	18.65
355683	-0.32	-0.34	-0.32	-0.28	-0.32	-0.30	-0.50	-0.58	-0.55	-0.49	-0.38	-0.38	-0.37	-0.38	-0.36	-0.37	-0.45	-0.57	-0.73	-0.83	-0.67	-0.62	-0.53	-0.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	17.25	15.78	14.75	14.45	14.91	16.59	25.05	31.75	26.03	22.56	22.31	21.46	20.60	20.65	20.93	21.97	23.52	30.66	38.20	38.14	28.49	24.85	21.75	19.33
23571	0.29	0.29	0.33	0.32	0.32	0.40	0.48	0.61	0.60	0.45	0.40	0.35	0.36	0.40	0.42	0.50	0.55	0.65	0.83	0.87	0.69	0.50	0.38	0.32
	-0.71	0.00	0.00	0.00	0.00	-0.24	-2.80	-6.89	-1.30	-0.77	-0.65	-0.27	-0.51	-0.32	-0.44	-0.71	-1.67	-5.02	-5.59	-2.66	-1.14	-0.35	0.00	0.00
ALBANY___2	17.25	15.78	14.75	14.45	14.91	16.59	25.05	31.75	26.03	22.56	22.31	21.46	20.60	20.65	20.93	21.97	23.52	30.66	38.20	38.14	28.49	24.85	21.75	19.33
23572	0.29	0.29	0.33	0.32	0.32	0.40	0.48	0.61	0.60	0.45	0.40	0.35	0.36	0.40	0.42	0.50	0.55	0.65	0.83	0.87	0.69	0.50	0.38	0.32
	-0.71	0.00	0.00	0.00	0.00	-0.24	-2.80	-6.89	-1.30	-0.77	-0.65	-0.27	-0.51	-0.32	-0.44	-0.71	-1.67	-5.02	-5.59	-2.66	-1.14	-0.35	0.00	0.00
ALBANY___3	17.25	15.78	14.75	14.45	14.91	16.59	25.05	31.75	26.03	22.56	22.31	21.46	20.60	20.65	20.93	21.97	23.52	30.66	38.20	38.14	28.49	24.85	21.75	19.33
23573	0.29	0.29	0.33	0.32	0.32	0.40	0.48	0.61	0.60	0.45	0.40	0.35	0.36	0.40	0.42	0.50	0.55	0.65	0.83	0.87	0.69	0.50	0.38	0.32
	-0.71	0.00	0.00	0.00	0.00	-0.24	-2.80	-6.89	-1.30	-0.77	-0.65	-0.27	-0.51	-0.32	-0.44	-0.71	-1.67	-5.02	-5.59	-2.66	-1.14	-0.35	0.00	0.00

ALBANY___4 23574	17.25 0.29 -0.71	15.78 0.29 0.00	14.75 0.33 0.00	14.45 0.32 0.00	14.91 0.32 0.00	16.59 0.40 -0.24	25.05 0.48 -2.80	31.75 0.61 -6.89	26.03 0.60 -1.30	22.56 0.45 -0.77	22.31 0.40 -0.65	21.46 0.35 -0.27	20.60 0.36 -0.51	20.65 0.40 -0.32	20.93 0.42 -0.44	21.97 0.50 -0.71	23.52 0.55 -1.67	30.66 0.65 -5.02	38.20 0.83 -5.59	38.14 0.87 -2.66	28.49 0.69 -1.14	24.85 0.50 -0.35	21.75 0.38 0.00	19.33 0.32 0.00
ALBANY___LFGE 323615	17.40 0.44 -0.71	15.92 0.43 0.00	14.86 0.45 0.00	14.57 0.44 0.00	15.04 0.45 0.00	16.72 0.53 -0.24	25.28 0.70 -2.81	32.00 0.83 -6.92	26.27 0.84 -1.30	22.77 0.66 -0.77	22.49 0.59 -0.64	21.67 0.56 -0.27	20.79 0.55 -0.51	20.84 0.60 -0.32	21.13 0.62 -0.44	22.18 0.71 -0.71	23.73 0.77 -1.67	30.93 0.90 -5.05	38.54 1.14 -5.62	38.49 1.21 -2.66	28.73 0.93 -1.15	25.06 0.72 -0.35	21.96 0.60 0.00	19.52 0.51 0.00
ALCOA_PA_115KV_PL-6C 55860	15.97 -0.28 0.00	15.17 -0.31 0.00	14.13 -0.29 0.00	13.89 -0.24 0.00	14.29 -0.29 0.00	15.70 -0.26 0.00	21.36 -0.41 0.00	23.75 -0.51 0.00	23.65 -0.48 0.00	20.92 -0.43 0.00	20.96 -0.30 0.00	20.52 -0.31 0.00	19.40 -0.34 0.00	19.57 -0.36 0.00	19.72 -0.34 0.00	20.43 -0.33 0.00	20.89 -0.40 0.00	24.46 -0.52 0.00	31.11 -0.67 0.00	33.86 -0.76 0.00	26.01 -0.64 0.00	23.39 -0.60 0.00	20.87 -0.49 0.00	18.71 -0.30 0.00
ALCOA_RYNLDS___DRP 24188	15.97 -0.28 0.00	15.17 -0.31 0.00	14.13 -0.29 0.00	13.89 -0.24 0.00	14.29 -0.29 0.00	15.70 -0.26 0.00	21.36 -0.41 0.00	23.75 -0.51 0.00	23.65 -0.48 0.00	20.92 -0.43 0.00	20.96 -0.30 0.00	20.52 -0.31 0.00	19.40 -0.34 0.00	19.57 -0.36 0.00	19.72 -0.34 0.00	20.43 -0.33 0.00	20.89 -0.40 0.00	24.46 -0.52 0.00	31.11 -0.67 0.00	33.86 -0.76 0.00	26.01 -0.64 0.00	23.39 -0.60 0.00	20.87 -0.49 0.00	18.71 -0.30 0.00
ALCOA___DSASP 323711	15.97 -0.28 0.00	15.17 -0.31 0.00	14.14 -0.27 0.00	13.89 -0.24 0.00	14.29 -0.29 0.00	15.70 -0.26 0.00	21.36 -0.41 0.00	23.75 -0.51 0.00	23.65 -0.48 0.00	20.94 -0.41 0.00	20.96 -0.30 0.00	20.52 -0.31 0.00	19.40 -0.34 0.00	19.57 -0.36 0.00	19.76 -0.30 0.00	20.41 -0.35 0.00	20.89 -0.41 0.00	24.46 -0.53 0.00	31.11 -0.67 0.00	33.86 -0.76 0.00	26.01 -0.64 0.00	23.37 -0.62 0.00	20.87 -0.49 0.00	18.70 -0.30 0.00
ALLEGHENY___COGEN 23514	16.39 0.11 -0.03	15.69 0.20 0.00	14.65 0.23 0.00	14.28 0.16 0.00	14.91 0.32 0.00	16.04 0.08 -0.01	22.27 0.39 -0.10	25.31 0.78 -0.27	25.01 0.84 -0.03	22.28 0.94 0.00	21.89 0.64 0.00	21.29 0.46 0.00	20.15 0.42 0.00	20.23 0.30 0.00	20.29 0.22 0.00	21.03 0.27 0.00	21.81 0.49 -0.02	26.15 0.95 -0.21	33.32 1.30 -0.23	36.18 1.49 -0.08	27.82 1.12 -0.05	25.11 1.10 -0.01	22.17 0.81 0.00	19.26 0.25 0.00
ALTAMONT_115KV_TB 2 55880	17.49 0.54 -0.71	16.01 0.53 0.00	14.91 0.49 0.00	14.61 0.48 0.00	15.08 0.50 0.00	16.78 0.59 -0.24	25.37 0.81 -2.79	32.09 0.95 -6.88	26.35 0.94 -1.28	22.86 0.77 -0.75	22.61 0.70 -0.65	21.77 0.67 -0.27	20.88 0.65 -0.50	20.94 0.70 -0.31	21.22 0.72 -0.43	22.24 0.79 -0.69	23.77 0.83 -1.64	31.02 1.00 -5.03	38.65 1.27 -5.60	38.64 1.38 -2.64	28.86 1.07 -1.14	25.21 0.86 -0.35	22.11 0.75 0.00	19.62 0.61 0.00
ALTONA_WT_PWR 323606	15.89 -0.36 0.00	15.08 -0.40 0.00	14.04 -0.37 0.00	13.83 -0.30 0.00	14.22 -0.36 0.00	15.65 -0.30 0.00	21.36 -0.41 0.00	24.02 -0.24 0.00	24.01 -0.12 0.00	21.26 -0.09 0.00	21.32 0.06 0.02	20.86 0.02 0.00	19.67 -0.06 0.00	19.87 -0.06 0.00	20.12 0.06 0.00	20.80 0.04 0.11	21.41 0.11 0.13	25.11 0.13 0.16	31.94 0.16 0.07	34.69 0.07 -0.11	26.55 -0.11 -0.24	23.75 -0.24 -0.32	21.04 -0.32 -0.15	18.86 -0.15 0.00
AMERICAN_REF_FUEL 24010	15.14 -1.14 -0.03	14.76 -0.73 0.00	13.87 -0.55 0.00	13.49 -0.64 0.00	14.08 -0.51 0.00	14.81 -1.15 -0.01	20.37 -1.50 -0.09	22.79 -1.72 -0.25	22.69 -1.47 -0.03	20.51 -0.83 0.00	20.19 -1.06 0.00	19.80 -1.04 0.00	18.83 -0.91 0.00	18.87 -1.06 0.00	18.90 -1.16 0.00	19.46 -1.31 0.00	20.06 -1.26 -0.02	23.83 -1.35 -0.19	29.80 -2.19 -0.21	32.44 -2.25 -0.07	25.15 -1.55 -0.04	22.88 -1.13 -0.01	20.49 -0.88 0.00	17.74 -1.27 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	15.51 -0.76 -0.03	15.02 -0.46 0.00	14.13 -0.29 0.00	13.78 -0.35 0.00	14.38 -0.20 0.00	15.20 -0.77 -0.01	21.10 -0.78 -0.10	23.64 -0.90 -0.28	23.56 -0.60 -0.03	21.26 -0.09 0.00	20.89 -0.36 0.00	20.46 -0.37 0.00	19.42 -0.32 0.00	19.45 -0.48 0.00	19.44 -0.62 0.00	20.04 -0.73 0.00	20.75 -0.57 -0.02	24.75 -0.45 -0.21	31.10 -0.92 -0.24	33.94 -0.76 -0.08	26.30 -0.40 -0.05	23.84 -0.17 -0.01	21.24 -0.13 0.00	18.42 -0.59 0.00
ARTHUR_KILL_GT_1 23520	17.99 1.15 -0.59	16.55 1.05 -0.01	15.38 0.95 -0.01	15.07 0.93 -0.01	15.56 0.96 -0.01	17.32 1.16 -0.21	26.26 1.74 -2.74	32.56 2.11 -6.19	28.00 2.05 -1.82	24.94 1.81 -1.79	24.75 1.76 -1.73	23.19 1.73 -0.63	22.58 1.66 -1.19	22.34 1.67 -0.73	22.79 1.70 -1.02	24.16 1.74 -1.65	26.21 1.81 -3.10	31.25 2.10 -4.16	39.04 2.64 -4.62	40.79 2.84 -3.33	29.83 2.24 -0.94	26.23 1.94 -0.30	23.10 1.73 -0.01	20.46 1.44 -0.01
ARTHUR_KILL_2 23512	17.95 1.11 -0.59	16.51 1.02 -0.01	15.35 0.92 -0.01	15.04 0.91 -0.01	15.53 0.93 -0.01	17.28 1.12 -0.21	26.21 1.70 -2.74	32.49 2.04 -6.19	27.95 2.00 -1.82	24.90 1.77 -1.79	24.71 1.72 -1.73	23.13 1.67 -0.63	22.54 1.62 -1.19	22.30 1.63 -0.73	22.73 1.65 -1.02	24.12 1.70 -1.65	26.14 1.75 -3.10	31.17 2.02 -4.16	38.98 2.57 -4.62	40.69 2.73 -3.33	29.75 2.16 -0.94	26.19 1.90 -0.30	23.04 1.67 -0.01	20.42 1.41 -0.01
ARTHUR_KILL_3 23513	17.99 1.15 -0.59	16.49 1.01 0.00	15.34 0.92 0.00	15.05 0.92 0.00	15.51 0.92 0.00	17.30 1.15 -0.20	26.31 1.81 -2.73	32.59 2.14 -6.20	28.03 2.08 -1.83	24.99 1.86 -1.80	24.82 1.83 -1.74	23.22 1.75 -0.64	22.59 1.66 -1.20	22.36 1.69 -0.74	22.78 1.69 -1.03	24.17 1.74 -1.66	26.24 1.83 -3.11	31.20 2.05 -4.17	38.92 2.51 -4.63	40.83 2.87 -3.34	29.76 2.16 -0.95	26.18 1.90 -0.29	23.09 1.73 0.00	20.34 1.33 0.00
ARTHUR_KILL_COGEN 323718	17.99 1.15 -0.59	16.55 1.05 -0.01	15.38 0.95 -0.01	15.07 0.93 -0.01	15.56 0.96 -0.01	17.32 1.16 -0.21	26.26 1.74 -2.74	32.56 2.11 -6.19	28.00 2.05 -1.82	24.94 1.81 -1.79	24.75 1.76 -1.73	23.19 1.73 -0.63	22.58 1.66 -1.19	22.34 1.67 -0.73	22.79 1.70 -1.02	24.16 1.74 -1.65	26.21 1.81 -3.10	31.25 2.10 -4.16	39.04 2.64 -4.62	40.79 2.84 -3.33	29.83 2.24 -0.94	26.23 1.94 -0.30	23.10 1.73 -0.01	20.46 1.44 -0.01
ASHOKAN____ 23654	17.77 0.88 -0.64	16.32 0.84 0.00	15.19 0.78 0.00	14.89 0.76 0.00	15.36 0.77 0.00	16.89 0.72 -0.22	25.68 1.26 -2.64	31.77 1.14 -6.37	26.47 0.99 -1.36	22.98 0.66 -0.97	23.30 1.15 -0.90	21.79 0.60 -0.34	20.95 0.57 -0.65	20.99 0.66 -0.40	21.37 0.74 -0.56	22.39 0.73 -0.90	24.16 0.94 -1.92	30.70 1.15 -4.56	38.48 1.62 -5.08	39.06 1.76 -2.68	28.86 1.17 -1.04	25.29 0.98 -0.32	22.26 0.90 0.00	19.87 0.86 0.00

ASTORIA_EAST_ENERGY_CC1 323581	17.95 1.11 -0.59	16.51 1.02 -0.01	15.36 0.94 -0.01	15.05 0.92 -0.01	15.51 0.92 -0.01	17.31 1.15 -0.21	26.26 1.76 -2.72	32.58 2.14 -6.19	28.03 2.08 -1.82	24.99 1.86 -1.79	24.79 1.81 -1.73	23.24 1.77 -0.63	22.60 1.68 -1.19	22.35 1.69 -0.73	22.79 1.70 -1.02	24.20 1.79 -1.65	26.23 1.83 -3.10	31.25 2.10 -4.16	39.02 2.61 -4.63	40.79 2.84 -3.33	29.78 2.19 -0.94	26.17 1.90 -0.28	23.08 1.73 0.01	20.33 1.33 0.01
ASTORIA_EAST_ENERGY_CC2 323582	17.95 1.11 -0.59	16.51 1.02 -0.01	15.36 0.94 -0.01	15.05 0.92 -0.01	15.51 0.92 -0.01	17.31 1.15 -0.21	26.26 1.76 -2.72	32.58 2.14 -6.19	28.03 2.08 -1.82	24.99 1.86 -1.79	24.79 1.81 -1.73	23.24 1.77 -0.63	22.60 1.68 -1.19	22.35 1.69 -0.73	22.79 1.70 -1.02	24.20 1.79 -1.65	26.23 1.83 -3.10	31.25 2.10 -4.16	39.02 2.61 -4.63	40.79 2.84 -3.33	29.78 2.19 -0.94	26.17 1.90 -0.28	23.08 1.73 0.01	20.33 1.33 0.01
ASTORIA_GT2_1 24094	17.94 1.10 -0.59	16.51 1.02 0.00	15.35 0.94 0.00	15.06 0.93 0.00	15.52 0.93 0.00	17.32 1.16 -0.20	26.25 1.76 -2.71	32.58 2.13 -6.19	28.05 2.10 -1.82	25.01 1.88 -1.79	24.79 1.81 -1.73	23.24 1.77 -0.63	22.62 1.70 -1.19	22.40 1.73 -0.73	22.83 1.75 -1.02	24.22 1.81 -1.65	26.23 1.83 -3.10	31.27 2.12 -4.16	39.01 2.61 -4.62	40.83 2.87 -3.34	29.80 2.21 -0.93	26.16 1.90 -0.27	23.08 1.73 0.02	20.34 1.35 0.02
ASTORIA_GT2_2 24095	17.94 1.10 -0.59	16.51 1.02 0.00	15.35 0.94 0.00	15.06 0.93 0.00	15.52 0.93 0.00	17.32 1.16 -0.20	26.25 1.76 -2.71	32.58 2.13 -6.19	28.05 2.10 -1.82	25.01 1.88 -1.79	24.79 1.81 -1.73	23.24 1.77 -0.63	22.62 1.70 -1.19	22.40 1.73 -0.73	22.83 1.75 -1.02	24.22 1.81 -1.65	26.23 1.83 -3.10	31.27 2.12 -4.16	39.01 2.61 -4.62	40.83 2.87 -3.34	29.80 2.21 -0.93	26.16 1.90 -0.27	23.08 1.73 0.02	20.34 1.35 0.02
ASTORIA_GT2_3 24096	17.94 1.10 -0.59	16.51 1.02 0.00	15.35 0.94 0.00	15.06 0.93 0.00	15.52 0.93 0.00	17.32 1.16 -0.20	26.25 1.76 -2.71	32.58 2.13 -6.19	28.05 2.10 -1.82	25.01 1.88 -1.79	24.79 1.81 -1.73	23.24 1.77 -0.63	22.62 1.70 -1.19	22.40 1.73 -0.73	22.83 1.75 -1.02	24.22 1.81 -1.65	26.23 1.83 -3.10	31.27 2.12 -4.16	39.01 2.61 -4.62	40.83 2.87 -3.34	29.80 2.21 -0.93	26.16 1.90 -0.27	23.08 1.73 0.02	20.34 1.35 0.02
ASTORIA_GT2_4 24097	17.94 1.10 -0.59	16.51 1.02 0.00	15.35 0.94 0.00	15.06 0.93 0.00	15.52 0.93 0.00	17.32 1.16 -0.20	26.25 1.76 -2.71	32.58 2.13 -6.19	28.05 2.10 -1.82	25.01 1.88 -1.79	24.79 1.81 -1.73	23.24 1.77 -0.63	22.62 1.70 -1.19	22.40 1.73 -0.73	22.83 1.75 -1.02	24.22 1.81 -1.65	26.23 1.83 -3.10	31.27 2.12 -4.16	39.01 2.61 -4.62	40.83 2.87 -3.34	29.80 2.21 -0.93	26.16 1.90 -0.27	23.08 1.73 0.02	20.34 1.35 0.02
ASTORIA_GT3_1 24098	17.94 1.10 -0.59	16.51 1.02 0.00	15.35 0.94 0.00	15.06 0.93 0.00	15.52 0.93 0.00	17.32 1.16 -0.20	26.25 1.76 -2.71	32.58 2.13 -6.19	28.05 2.10 -1.82	25.01 1.88 -1.79	24.79 1.81 -1.73	23.24 1.77 -0.63	22.62 1.70 -1.19	22.40 1.73 -0.73	22.83 1.75 -1.02	24.22 1.81 -1.65	26.23 1.83 -3.10	31.27 2.12 -4.16	39.01 2.61 -4.62	40.83 2.87 -3.34	29.80 2.21 -0.93	26.16 1.90 -0.27	23.08 1.73 0.02	20.34 1.35 0.02
ASTORIA_GT3_2 24099	17.94 1.10 -0.59	16.51 1.02 0.00	15.35 0.94 0.00	15.06 0.93 0.00	15.52 0.93 0.00	17.32 1.16 -0.20	26.25 1.76 -2.71	32.58 2.13 -6.19	28.05 2.10 -1.82	25.01 1.88 -1.79	24.79 1.81 -1.73	23.24 1.77 -0.63	22.62 1.70 -1.19	22.40 1.73 -0.73	22.83 1.75 -1.02	24.22 1.81 -1.65	26.23 1.83 -3.10	31.27 2.12 -4.16	39.01 2.61 -4.62	40.83 2.87 -3.34	29.80 2.21 -0.93	26.16 1.90 -0.27	23.08 1.73 0.02	20.34 1.35 0.02
ASTORIA_GT3_3 24100	17.94 1.10 -0.59	16.51 1.02 0.00	15.35 0.94 0.00	15.06 0.93 0.00	15.52 0.93 0.00	17.32 1.16 -0.20	26.25 1.76 -2.71	32.58 2.13 -6.19	28.05 2.10 -1.82	25.01 1.88 -1.79	24.79 1.81 -1.73	23.24 1.77 -0.63	22.62 1.70 -1.19	22.40 1.73 -0.73	22.83 1.75 -1.02	24.22 1.81 -1.65	26.23 1.83 -3.10	31.27 2.12 -4.16	39.01 2.61 -4.62	40.83 2.87 -3.34	29.80 2.21 -0.93	26.16 1.90 -0.27	23.08 1.73 0.02	20.34 1.35 0.02
ASTORIA_GT3_4 24101	17.94 1.10 -0.59	16.51 1.02 0.00	15.35 0.94 0.00	15.06 0.93 0.00	15.52 0.93 0.00	17.32 1.16 -0.20	26.25 1.76 -2.71	32.58 2.13 -6.19	28.05 2.10 -1.82	25.01 1.88 -1.79	24.79 1.81 -1.73	23.24 1.77 -0.63	22.62 1.70 -1.19	22.40 1.73 -0.73	22.83 1.75 -1.02	24.22 1.81 -1.65	26.23 1.83 -3.10	31.27 2.12 -4.16	39.01 2.61 -4.62	40.83 2.87 -3.34	29.80 2.21 -0.93	26.16 1.90 -0.27	23.08 1.73 0.02	20.34 1.35 0.02
ASTORIA_GT4_1 24102	17.94 1.10 -0.59	16.51 1.02 0.00	15.35 0.94 0.00	15.06 0.93 0.00	15.52 0.93 0.00	17.32 1.16 -0.20	26.25 1.76 -2.71	32.58 2.13 -6.19	28.05 2.10 -1.82	25.01 1.88 -1.79	24.79 1.81 -1.73	23.24 1.77 -0.63	22.62 1.70 -1.19	22.40 1.73 -0.73	22.83 1.75 -1.02	24.22 1.81 -1.65	26.23 1.83 -3.10	31.27 2.12 -4.16	39.01 2.61 -4.62	40.83 2.87 -3.34	29.80 2.21 -0.93	26.16 1.90 -0.27	23.08 1.73 0.02	20.34 1.35 0.02
ASTORIA_GT4_2 24103	17.94 1.10 -0.59	16.51 1.02 0.00	15.35 0.94 0.00	15.06 0.93 0.00	15.52 0.93 0.00	17.32 1.16 -0.20	26.25 1.76 -2.71	32.58 2.13 -6.19	28.05 2.10 -1.82	25.01 1.88 -1.79	24.79 1.81 -1.73	23.24 1.77 -0.63	22.62 1.70 -1.19	22.40 1.73 -0.73	22.83 1.75 -1.02	24.22 1.81 -1.65	26.23 1.83 -3.10	31.27 2.12 -4.16	39.01 2.61 -4.62	40.83 2.87 -3.34	29.80 2.21 -0.93	26.16 1.90 -0.27	23.08 1.73 0.02	20.34 1.35 0.02
ASTORIA_GT4_3 24104	17.94 1.10 -0.59	16.51 1.02 0.00	15.35 0.94 0.00	15.06 0.93 0.00	15.52 0.93 0.00	17.32 1.16 -0.20	26.25 1.76 -2.71	32.58 2.13 -6.19	28.05 2.10 -1.82	25.01 1.88 -1.79	24.79 1.81 -1.73	23.24 1.77 -0.63	22.62 1.70 -1.19	22.40 1.73 -0.73	22.83 1.75 -1.02	24.22 1.81 -1.65	26.23 1.83 -3.10	31.27 2.12 -4.16	39.01 2.61 -4.62	40.83 2.87 -3.34	29.80 2.21 -0.93	26.16 1.90 -0.27	23.08 1.73 0.02	20.34 1.35 0.02
ASTORIA_GT4_4 24105	17.94 1.10 -0.59	16.51 1.02 0.00	15.35 0.94 0.00	15.06 0.93 0.00	15.52 0.93 0.00	17.32 1.16 -0.20	26.25 1.76 -2.71	32.58 2.13 -6.19	28.05 2.10 -1.82	25.01 1.88 -1.79	24.79 1.81 -1.73	23.24 1.77 -0.63	22.62 1.70 -1.19	22.40 1.73 -0.73	22.83 1.75 -1.02	24.22 1.81 -1.65	26.23 1.83 -3.10	31.27 2.12 -4.16	39.01 2.61 -4.62	40.83 2.87 -3.34	29.80 2.21 -0.93	26.16 1.90 -0.27	23.08 1.73 0.02	20.34 1.35 0.02
ASTORIA_GT_1 23523	17.98 1.14 -0.59	16.55 1.05 -0.01	15.38 0.95 -0.01	15.08 0.95 -0.01	15.54 0.95 -0.01	17.34 1.18 -0.21	26.31 1.81 -2.72	32.63 2.18 -6.19	28.10 2.15 -1.82	25.03 1.90 -1.79	24.83 1.85 -1.73	23.28 1.81 -0.63	22.64 1.72 -1.19	22.42 1.75 -0.73	22.83 1.74 -1.02	24.24 1.83 -1.65	26.27 1.87 -3.10	31.32 2.17 -4.16	39.11 2.70 -4.63	40.89 2.94 -3.33	29.86 2.26 -0.94	26.22 1.94 -0.28	23.13 1.77 0.01	20.37 1.37 0.01

ASTORIA_GT_10 24110	18.08 1.25 -0.59	16.61 1.13 0.00	15.45 1.04 0.00	15.15 1.02 0.00	15.61 1.02 0.00	17.40 1.24 -0.20	26.42 1.92 -2.73	33.84 2.28 -7.30	96.79 2.22 -70.44	28.07 1.98 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.67 1.83 -7.78	27.01 1.89 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.21 2.80 -4.64	41.04 3.08 -3.34	29.97 2.37 -0.95	26.35 2.06 -0.29	23.22 1.86 0.00	20.47 1.46 0.00
ASTORIA_GT_11 24225	18.08 1.25 -0.59	16.61 1.13 0.00	15.45 1.04 0.00	15.15 1.02 0.00	15.61 1.02 0.00	17.40 1.24 -0.20	26.42 1.92 -2.73	33.84 2.28 -7.30	96.79 2.22 -70.44	28.07 1.98 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.67 1.83 -7.78	27.01 1.89 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.21 2.80 -4.64	41.04 3.08 -3.34	29.97 2.37 -0.95	26.35 2.06 -0.29	23.22 1.86 0.00	20.47 1.46 0.00
ASTORIA_GT_12 24226	18.08 1.25 -0.59	16.61 1.13 0.00	15.45 1.04 0.00	15.15 1.02 0.00	15.61 1.02 0.00	17.40 1.24 -0.20	26.42 1.92 -2.73	33.84 2.28 -7.30	96.79 2.22 -70.44	28.07 1.98 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.67 1.83 -7.78	27.01 1.89 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.21 2.80 -4.64	41.04 3.08 -3.34	29.97 2.37 -0.95	26.35 2.06 -0.29	23.22 1.86 0.00	20.47 1.46 0.00
ASTORIA_GT_13 24227	18.08 1.25 -0.59	16.61 1.13 0.00	15.45 1.04 0.00	15.15 1.02 0.00	15.61 1.02 0.00	17.40 1.24 -0.20	26.42 1.92 -2.73	33.84 2.28 -7.30	96.79 2.22 -70.44	28.07 1.98 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.67 1.83 -7.78	27.01 1.89 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.21 2.80 -4.64	41.04 3.08 -3.34	29.97 2.37 -0.95	26.35 2.06 -0.29	23.22 1.86 0.00	20.47 1.46 0.00
ASTORIA_GT_5 24106	17.98 1.14 -0.59	16.55 1.05 -0.01	15.38 0.95 -0.01	15.08 0.95 -0.01	15.54 0.95 -0.01	17.34 1.18 -0.21	26.31 1.81 -2.72	32.63 2.18 -6.19	28.10 2.15 -1.82	25.03 1.90 -1.79	24.83 1.85 -1.73	23.28 1.81 -0.63	22.64 1.72 -1.19	22.42 1.75 -0.73	22.83 1.74 -1.02	24.24 1.83 -1.65	26.27 1.87 -3.10	31.32 2.17 -4.16	39.11 2.70 -4.63	40.89 2.94 -3.33	29.86 2.26 -0.94	26.22 1.94 -0.28	23.13 1.77 0.01	20.37 1.37 0.01
ASTORIA_GT_7 24107	17.98 1.14 -0.59	16.55 1.05 -0.01	15.38 0.95 -0.01	15.08 0.95 -0.01	15.54 0.95 -0.01	17.34 1.18 -0.21	26.31 1.81 -2.72	32.63 2.18 -6.19	28.10 2.15 -1.82	25.03 1.90 -1.79	24.83 1.85 -1.73	23.28 1.81 -0.63	22.64 1.72 -1.19	22.42 1.75 -0.73	22.83 1.74 -1.02	24.24 1.83 -1.65	26.27 1.87 -3.10	31.32 2.17 -4.16	39.11 2.70 -4.63	40.89 2.94 -3.33	29.86 2.26 -0.94	26.22 1.94 -0.28	23.13 1.77 0.01	20.37 1.37 0.01
ASTORIA_GT_8 24108	17.97 1.14 -0.59	16.54 1.05 0.00	15.38 0.97 0.00	15.08 0.95 0.00	15.53 0.95 0.00	17.33 1.18 -0.20	26.30 1.81 -2.71	32.63 2.18 -6.19	28.10 2.15 -1.82	25.03 1.90 -1.79	24.84 1.85 -1.73	23.28 1.81 -0.63	22.66 1.74 -1.19	22.42 1.75 -0.73	22.87 1.79 -1.02	24.24 1.83 -1.65	26.27 1.87 -3.10	31.32 2.17 -4.16	39.07 2.67 -4.62	40.90 2.94 -3.34	29.85 2.27 -0.93	26.21 1.94 -0.27	23.10 1.75 0.02	20.38 1.39 0.02
ASTORIA___2 24149	17.96 1.12 -0.59	16.51 1.02 -0.01	15.36 0.94 -0.01	15.05 0.92 -0.01	15.53 0.93 -0.01	17.32 1.16 -0.21	26.26 1.76 -2.72	32.58 2.14 -6.19	28.05 2.10 -1.82	24.99 1.86 -1.79	24.79 1.81 -1.73	23.24 1.77 -0.63	22.62 1.70 -1.19	22.38 1.71 -0.73	22.79 1.70 -1.02	24.20 1.79 -1.65	26.23 1.83 -3.10	31.27 2.12 -4.16	39.05 2.64 -4.63	40.82 2.87 -3.33	29.80 2.21 -0.94	26.17 1.90 -0.28	23.08 1.73 0.01	20.35 1.35 0.01
ASTORIA___3 23516	18.09 1.25 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.15 1.02 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.43 1.92 -2.74	33.84 2.28 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.59 1.81 -10.85	29.67 1.83 -7.78	27.01 1.89 -4.36	26.57 1.98 -3.29	67.88 2.27 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	29.98 2.37 -0.96	26.35 2.06 -0.30	23.23 1.86 -0.01	20.48 1.46 -0.01
ASTORIA___4 23517	18.08 1.25 -0.59	16.61 1.13 0.00	15.45 1.04 0.00	15.15 1.02 0.00	15.61 1.02 0.00	17.40 1.24 -0.20	26.42 1.92 -2.73	33.84 2.28 -7.30	96.79 2.22 -70.44	28.07 1.98 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.67 1.83 -7.78	27.01 1.89 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.21 2.80 -4.64	41.04 3.08 -3.34	29.97 2.37 -0.95	26.35 2.06 -0.29	23.22 1.86 0.00	20.47 1.46 0.00
ASTORIA___5 23518	18.09 1.25 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.15 1.02 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.43 1.92 -2.74	33.84 2.28 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.59 1.81 -10.85	29.67 1.83 -7.78	27.01 1.89 -4.36	26.57 1.98 -3.29	67.88 2.27 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	29.98 2.37 -0.96	26.35 2.06 -0.30	23.23 1.86 -0.01	20.48 1.46 -0.01
AST_ENERGY_2_CC3 323677	18.02 1.19 -0.59	16.54 1.05 0.00	15.37 0.95 0.00	15.08 0.95 0.00	15.53 0.95 0.00	17.33 1.18 -0.20	26.31 1.81 -2.73	32.64 2.18 -6.20	28.08 2.12 -1.83	25.02 1.88 -1.80	24.84 1.85 -1.74	23.27 1.79 -0.64	22.63 1.70 -1.20	22.40 1.73 -0.74	22.84 1.74 -1.03	24.21 1.79 -1.66	26.28 1.87 -3.11	31.28 2.12 -4.17	39.05 2.64 -4.64	40.90 2.94 -3.34	29.81 2.21 -0.95	26.23 1.94 -0.29	23.14 1.77 0.00	20.38 1.37 0.00
AST_ENERGY_2_CC4 323678	18.02 1.19 -0.59	16.54 1.05 0.00	15.37 0.95 0.00	15.08 0.95 0.00	15.53 0.95 0.00	17.33 1.18 -0.20	26.31 1.81 -2.73	32.64 2.18 -6.20	28.08 2.12 -1.83	25.02 1.88 -1.80	24.84 1.85 -1.74	23.27 1.79 -0.64	22.63 1.70 -1.20	22.40 1.73 -0.74	22.84 1.74 -1.03	24.21 1.79 -1.66	26.28 1.87 -3.11	31.28 2.12 -4.17	39.05 2.64 -4.64	40.90 2.94 -3.34	29.81 2.21 -0.95	26.23 1.94 -0.29	23.14 1.77 0.00	20.38 1.37 0.00
ATHENS_STG_1 23668	17.60 0.70 -0.65	16.15 0.67 0.00	15.02 0.61 0.00	14.72 0.59 0.00	15.20 0.61 0.00	16.91 0.73 -0.22	25.48 1.05 -2.66	31.95 1.24 -6.45	26.69 1.23 -1.33	23.28 1.02 -0.92	23.10 0.98 -0.87	22.12 0.96 -0.33	21.27 0.93 -0.61	21.28 0.98 -0.38	21.57 0.98 -0.53	22.65 1.04 -0.85	24.23 1.09 -1.85	30.93 1.30 -4.64	38.57 1.62 -5.17	39.04 1.76 -2.66	29.09 1.39 -1.06	25.47 1.15 -0.32	22.39 1.03 0.00	19.81 0.80 0.00
ATHENS_STG_2 23670	17.60 0.70 -0.65	16.15 0.67 0.00	15.02 0.61 0.00	14.72 0.59 0.00	15.20 0.61 0.00	16.91 0.73 -0.22	25.48 1.05 -2.66	31.95 1.24 -6.45	26.69 1.23 -1.33	23.28 1.02 -0.92	23.10 0.98 -0.87	22.12 0.96 -0.33	21.27 0.93 -0.61	21.28 0.98 -0.38	21.57 0.98 -0.53	22.65 1.04 -0.85	24.23 1.09 -1.85	30.93 1.30 -4.64	38.57 1.62 -5.17	39.04 1.76 -2.66	29.09 1.39 -1.06	25.47 1.15 -0.32	22.39 1.03 0.00	19.81 0.80 0.00

ATHENS_STG_3 23677	17.60 0.70 -0.65	16.15 0.67 0.00	15.02 0.61 0.00	14.72 0.59 0.00	15.20 0.61 0.00	16.91 0.73 -0.22	25.48 1.05 -2.66	31.95 1.24 -6.45	26.69 1.23 -1.33	23.28 1.02 -0.92	23.10 0.98 -0.87	22.12 0.96 -0.33	21.27 0.93 -0.61	21.28 0.98 -0.38	21.57 0.98 -0.53	22.65 1.04 -0.85	24.23 1.09 -1.85	30.93 1.30 -4.64	38.57 1.62 -5.17	39.04 1.76 -2.66	29.09 1.39 -1.06	25.47 1.15 -0.32	22.39 1.03 0.00	19.81 0.80 0.00
AUBURN____LFGE 323710	16.32 0.05 -0.02	15.55 0.06 0.00	14.49 0.07 0.00	14.16 0.03 0.00	14.67 0.09 0.00	15.98 0.02 -0.01	22.07 0.22 -0.08	25.70 1.21 -0.23	25.43 1.28 -0.03	22.62 1.28 0.00	22.32 1.06 0.00	21.75 0.92 0.00	20.56 0.83 0.00	20.71 0.78 0.00	20.73 0.66 0.00	21.39 0.62 0.00	21.87 0.55 -0.02	26.01 0.85 -0.17	33.15 1.18 -0.19	36.00 1.32 -0.07	27.65 0.96 -0.04	24.87 0.86 -0.01	21.98 0.62 0.00	19.31 0.30 0.00
BABYLON_RES_REC 323704	18.43 1.46 -0.72	16.76 1.27 -0.01	15.53 1.11 -0.01	15.23 1.10 0.00	15.76 1.17 -0.01	17.76 1.45 -0.35	26.64 2.11 -2.75	32.90 2.33 -6.31	29.08 2.82 -2.13	26.32 2.50 -2.48	26.15 2.32 -2.58	23.96 2.27 -0.85	23.34 2.19 -1.42	23.20 2.25 -1.02	23.86 2.27 -1.53	25.45 2.37 -2.32	27.45 2.47 -3.68	32.14 2.75 -4.40	40.20 3.59 -4.83	41.73 3.74 -3.37	31.14 3.01 -1.48	28.75 2.64 -2.12	23.93 2.35 -0.22	20.88 1.86 -0.01
BABYLON__69_KV_BK2 356345	18.63 1.46 -0.92	16.85 1.35 -0.02	15.62 1.18 -0.02	15.29 1.16 -0.01	15.84 1.24 -0.02	18.05 1.50 -0.59	26.75 2.20 -2.78	33.16 2.35 -6.55	29.64 2.92 -2.59	27.44 2.56 -3.53	27.55 2.42 -3.88	24.39 2.35 -1.19	23.80 2.29 -1.77	23.74 2.37 -1.44	24.74 2.39 -2.28	26.56 2.45 -3.35	28.45 2.60 -4.55	32.89 3.00 -4.91	40.80 3.81 -5.21	41.99 3.95 -3.43	32.44 3.20 -2.59	29.50 2.81 -2.70	24.41 2.48 -0.57	21.02 2.00 -0.02
BALL_HILL_WT_PWR 323825	15.67 -0.60 -0.03	15.19 -0.29 0.00	14.26 -0.16 0.00	13.89 -0.24 0.00	14.50 -0.09 0.00	15.31 -0.65 -0.01	21.20 -0.68 -0.10	23.78 -0.75 -0.27	23.65 -0.51 -0.03	21.34 0.00 0.00	21.00 -0.25 0.00	20.59 -0.25 0.00	19.55 -0.18 0.00	19.61 -0.32 0.00	19.62 -0.44 0.00	20.20 -0.56 0.00	20.87 -0.45 -0.02	24.85 -0.35 -0.21	31.16 -0.86 -0.23	33.93 -0.76 -0.08	26.30 -0.40 -0.05	23.82 -0.19 -0.01	21.26 -0.11 0.00	18.46 -0.55 0.00
BARON_WINDS____WT_PWR 323822	15.91 -0.37 -0.04	15.30 -0.19 0.00	14.32 -0.10 0.00	13.96 -0.17 0.00	14.54 -0.04 0.00	15.57 -0.40 -0.01	21.60 -0.30 -0.13	24.41 -0.19 -0.35	24.12 -0.05 -0.04	21.62 0.28 0.00	21.28 0.02 0.00	20.75 -0.08 0.00	19.67 -0.06 0.00	19.77 -0.16 0.00	19.80 -0.26 0.00	20.43 -0.33 0.00	21.13 -0.19 -0.03	25.28 0.03 -0.27	31.89 -0.19 -0.30	34.61 -0.10 -0.10	26.74 0.03 -0.06	24.11 0.10 -0.02	21.47 0.11 0.00	18.72 -0.28 0.00
BARRETT_IC_1 23704	18.18 1.35 -0.58	16.65 1.16 0.00	15.44 1.02 0.00	15.12 0.99 0.00	15.64 1.05 0.00	17.47 1.32 -0.19	26.42 1.92 -2.73	32.45 1.99 -6.20	28.44 2.49 -1.82	25.35 2.22 -1.79	25.08 2.08 -1.74	23.51 2.04 -0.63	22.89 1.97 -1.19	22.69 2.01 -0.75	23.11 2.01 -1.04	24.49 2.08 -1.66	26.52 2.11 -3.12	31.48 2.32 -4.17	39.45 3.02 -4.65	41.11 3.15 -3.34	30.14 2.53 -0.96	27.95 2.21 -1.75	23.49 2.14 0.01	20.68 1.67 0.00
BARRETT_IC_10 23701	18.18 1.35 -0.58	16.65 1.16 0.00	15.44 1.02 0.00	15.12 0.99 0.00	15.64 1.05 0.00	17.47 1.32 -0.19	26.42 1.92 -2.73	32.45 1.99 -6.20	28.44 2.49 -1.82	25.35 2.22 -1.79	25.08 2.08 -1.74	23.51 2.04 -0.63	22.89 1.97 -1.19	22.69 2.01 -0.75	23.11 2.01 -1.04	24.49 2.08 -1.66	26.52 2.11 -3.12	31.48 2.32 -4.17	39.45 3.02 -4.65	41.11 3.15 -3.34	30.14 2.53 -0.96	27.95 2.21 -1.75	23.49 2.14 0.01	20.68 1.67 0.00
BARRETT_IC_11 23702	18.18 1.35 -0.58	16.65 1.16 0.00	15.44 1.02 0.00	15.12 0.99 0.00	15.64 1.05 0.00	17.47 1.32 -0.19	26.42 1.92 -2.73	32.45 1.99 -6.20	28.44 2.49 -1.82	25.35 2.22 -1.79	25.08 2.08 -1.74	23.51 2.04 -0.63	22.89 1.97 -1.19	22.69 2.01 -0.75	23.11 2.01 -1.04	24.49 2.08 -1.66	26.52 2.11 -3.12	31.48 2.32 -4.17	39.45 3.02 -4.65	41.11 3.15 -3.34	30.14 2.53 -0.96	27.95 2.21 -1.75	23.49 2.14 0.01	20.68 1.67 0.00
BARRETT_IC_12 23703	18.18 1.35 -0.58	16.65 1.16 0.00	15.44 1.02 0.00	15.12 0.99 0.00	15.64 1.05 0.00	17.47 1.32 -0.19	26.42 1.92 -2.73	32.45 1.99 -6.20	28.44 2.49 -1.82	25.35 2.22 -1.79	25.08 2.08 -1.74	23.51 2.04 -0.63	22.89 1.97 -1.19	22.69 2.01 -0.75	23.11 2.01 -1.04	24.49 2.08 -1.66	26.52 2.11 -3.12	31.48 2.32 -4.17	39.45 3.02 -4.65	41.11 3.15 -3.34	30.14 2.53 -0.96	27.95 2.21 -1.75	23.49 2.14 0.01	20.68 1.67 0.00
BARRETT_IC_2 23705	18.18 1.35 -0.58	16.65 1.16 0.00	15.44 1.02 0.00	15.12 0.99 0.00	15.64 1.05 0.00	17.47 1.32 -0.19	26.42 1.92 -2.73	32.45 1.99 -6.20	28.44 2.49 -1.82	25.35 2.22 -1.79	25.08 2.08 -1.74	23.51 2.04 -0.63	22.89 1.97 -1.19	22.69 2.01 -0.75	23.11 2.01 -1.04	24.49 2.08 -1.66	26.52 2.11 -3.12	31.48 2.32 -4.17	39.45 3.02 -4.65	41.11 3.15 -3.34	30.14 2.53 -0.96	27.95 2.21 -1.75	23.49 2.14 0.01	20.68 1.67 0.00
BARRETT_IC_3 23706	18.18 1.35 -0.58	16.65 1.16 0.00	15.44 1.02 0.00	15.12 0.99 0.00	15.64 1.05 0.00	17.47 1.32 -0.19	26.42 1.92 -2.73	32.45 1.99 -6.20	28.44 2.49 -1.82	25.35 2.22 -1.79	25.08 2.08 -1.74	23.51 2.04 -0.63	22.89 1.97 -1.19	22.69 2.01 -0.75	23.11 2.01 -1.04	24.49 2.08 -1.66	26.52 2.11 -3.12	31.48 2.32 -4.17	39.45 3.02 -4.65	41.11 3.15 -3.34	30.14 2.53 -0.96	27.95 2.21 -1.75	23.49 2.14 0.01	20.68 1.67 0.00
BARRETT_IC_4 23707	18.18 1.35 -0.58	16.65 1.16 0.00	15.44 1.02 0.00	15.12 0.99 0.00	15.64 1.05 0.00	17.47 1.32 -0.19	26.42 1.92 -2.73	32.45 1.99 -6.20	28.44 2.49 -1.82	25.35 2.22 -1.79	25.08 2.08 -1.74	23.51 2.04 -0.63	22.89 1.97 -1.19	22.69 2.01 -0.75	23.11 2.01 -1.04	24.49 2.08 -1.66	26.52 2.11 -3.12	31.48 2.32 -4.17	39.45 3.02 -4.65	41.11 3.15 -3.34	30.14 2.53 -0.96	27.95 2.21 -1.75	23.49 2.14 0.01	20.68 1.67 0.00
BARRETT_IC_5 23708	18.18 1.35 -0.58	16.65 1.16 0.00	15.44 1.02 0.00	15.12 0.99 0.00	15.64 1.05 0.00	17.47 1.32 -0.19	26.42 1.92 -2.73	32.45 1.99 -6.20	28.44 2.49 -1.82	25.35 2.22 -1.79	25.08 2.08 -1.74	23.51 2.04 -0.63	22.89 1.97 -1.19	22.69 2.01 -0.75	23.11 2.01 -1.04	24.49 2.08 -1.66	26.52 2.11 -3.12	31.48 2.32 -4.17	39.45 3.02 -4.65	41.11 3.15 -3.34	30.14 2.53 -0.96	27.95 2.21 -1.75	23.49 2.14 0.01	20.68 1.67 0.00
BARRETT_IC_6 23709	18.18 1.35 -0.58	16.65 1.16 0.00	15.44 1.02 0.00	15.12 0.99 0.00	15.64 1.05 0.00	17.47 1.32 -0.19	26.42 1.92 -2.73	32.45 1.99 -6.20	28.44 2.49 -1.82	25.35 2.22 -1.79	25.08 2.08 -1.74	23.51 2.04 -0.63	22.89 1.97 -1.19	22.69 2.01 -0.75	23.11 2.01 -1.04	24.49 2.08 -1.66	26.52 2.11 -3.12	31.48 2.32 -4.17	39.45 3.02 -4.65	41.11 3.15 -3.34	30.14 2.53 -0.96	27.95 2.21 -1.75	23.49 2.14 0.01	20.68 1.67 0.00

BARRETT_IC_7 23710	18.13 1.30 -0.58	16.65 1.16 0.00	15.44 1.02 0.00	15.08 0.95 0.00	15.65 1.06 0.00	17.47 1.32 -0.19	26.42 1.92 -2.73	32.40 1.94 -6.20	28.43 2.49 -1.82	25.35 2.22 -1.79	25.08 2.08 -1.74	23.51 2.04 -0.63	22.89 1.97 -1.19	22.69 2.01 -0.75	23.13 2.03 -1.04	24.49 2.08 -1.66	26.52 2.11 -3.12	31.53 2.37 -4.17	39.41 2.99 -4.64	41.11 3.15 -3.34	30.13 2.53 -0.95	27.95 2.21 -1.75	23.47 2.11 0.01	20.70 1.69 0.00
BARRETT_IC_8 23711	18.18 1.35 -0.58	16.65 1.16 0.00	15.44 1.02 0.00	15.12 0.99 0.00	15.64 1.05 0.00	17.47 1.32 -0.19	26.42 1.92 -2.73	32.45 1.99 -6.20	28.44 2.49 -1.82	25.35 2.22 -1.79	25.08 2.08 -1.74	23.51 2.04 -0.63	22.89 1.97 -1.19	22.69 2.01 -0.75	23.11 2.01 -1.04	24.49 2.08 -1.66	26.52 2.11 -3.12	31.48 2.32 -4.17	39.45 3.02 -4.65	41.11 3.15 -3.34	30.14 2.53 -0.96	27.95 2.21 -1.75	23.49 2.14 0.01	20.68 1.67 0.00
BARRETT_IC_9 23700	18.18 1.35 -0.58	16.65 1.16 0.00	15.44 1.02 0.00	15.12 0.99 0.00	15.64 1.05 0.00	17.47 1.32 -0.19	26.42 1.92 -2.73	32.45 1.99 -6.20	28.44 2.49 -1.82	25.35 2.22 -1.79	25.08 2.08 -1.74	23.51 2.04 -0.63	22.89 1.97 -1.19	22.69 2.01 -0.75	23.11 2.01 -1.04	24.49 2.08 -1.66	26.52 2.11 -3.12	31.48 2.32 -4.17	39.45 3.02 -4.65	41.11 3.15 -3.34	30.14 2.53 -0.96	27.95 2.21 -1.75	23.49 2.14 0.01	20.68 1.67 0.00
BARRETT___1 23545	18.18 1.35 -0.58	16.65 1.16 0.00	15.44 1.02 0.00	15.12 0.99 0.00	15.64 1.05 0.00	17.47 1.32 -0.19	26.42 1.92 -2.73	32.45 1.99 -6.20	28.44 2.49 -1.82	25.35 2.22 -1.79	25.08 2.08 -1.74	23.51 2.04 -0.63	22.89 1.97 -1.19	22.69 2.01 -0.75	23.11 2.01 -1.04	24.49 2.08 -1.66	26.52 2.11 -3.12	31.48 2.32 -4.17	39.45 3.02 -4.65	41.11 3.15 -3.34	30.14 2.53 -0.96	27.95 2.21 -1.75	23.49 2.14 0.01	20.68 1.67 0.00
BARRETT___2 23546	18.18 1.35 -0.58	16.65 1.16 0.00	15.44 1.02 0.00	15.12 0.99 0.00	15.64 1.05 0.00	17.47 1.32 -0.19	26.42 1.92 -2.73	32.45 1.99 -6.20	28.44 2.49 -1.82	25.35 2.22 -1.79	25.08 2.08 -1.74	23.51 2.04 -0.63	22.89 1.97 -1.19	22.69 2.01 -0.75	23.11 2.01 -1.04	24.49 2.08 -1.66	26.52 2.11 -3.12	31.48 2.32 -4.17	39.45 3.02 -4.65	41.11 3.15 -3.34	30.14 2.53 -0.96	27.95 2.21 -1.75	23.49 2.14 0.01	20.68 1.67 0.00
BATAVIA__115KV_TB1 55881	15.75 -0.52 -0.02	15.22 -0.26 0.00	14.24 -0.17 0.00	13.90 -0.23 0.00	14.48 -0.10 0.00	15.37 -0.59 -0.01	21.21 -0.65 -0.08	23.88 -0.61 -0.23	23.77 -0.39 -0.03	21.41 0.06 0.00	21.11 -0.15 0.00	20.65 -0.19 0.00	19.57 -0.16 0.00	19.67 -0.26 0.00	19.70 -0.36 0.00	20.24 -0.52 0.00	20.93 -0.38 -0.02	24.89 -0.27 -0.17	31.40 -0.57 -0.19	34.16 -0.52 -0.07	26.37 -0.32 -0.04	23.84 -0.17 -0.01	21.32 -0.04 0.00	18.42 -0.59 0.00
BAYONEEC___CTG1 323682	18.04 1.20 -0.59	16.55 1.07 0.00	15.38 0.97 0.00	15.09 0.96 0.00	15.55 0.96 0.00	17.35 1.20 -0.20	26.36 1.85 -2.73	32.66 2.21 -6.20	28.10 2.15 -1.83	25.06 1.92 -1.80	24.87 1.87 -1.74	23.29 1.81 -0.64	22.64 1.72 -1.20	22.42 1.75 -0.74	22.86 1.77 -1.03	24.23 1.81 -1.66	26.30 1.89 -3.11	31.30 2.15 -4.17	39.05 2.64 -4.63	40.94 2.98 -3.34	29.86 2.26 -0.95	26.25 1.97 -0.29	23.16 1.79 0.00	20.40 1.39 0.00
BAYONEEC___CTG10 323750	18.04 1.20 -0.59	16.55 1.07 0.00	15.38 0.97 0.00	15.09 0.96 0.00	15.55 0.96 0.00	17.35 1.20 -0.20	26.36 1.85 -2.73	32.66 2.21 -6.20	28.10 2.15 -1.83	25.06 1.92 -1.80	24.87 1.87 -1.74	23.29 1.81 -0.64	22.64 1.72 -1.20	22.42 1.75 -0.74	22.86 1.77 -1.03	24.23 1.81 -1.66	26.30 1.89 -3.11	31.30 2.15 -4.17	39.05 2.64 -4.63	40.94 2.98 -3.34	29.86 2.26 -0.95	26.25 1.97 -0.29	23.16 1.79 0.00	20.40 1.39 0.00
BAYONEEC___CTG2 323683	18.04 1.20 -0.59	16.55 1.07 0.00	15.38 0.97 0.00	15.09 0.96 0.00	15.55 0.96 0.00	17.35 1.20 -0.20	26.36 1.85 -2.73	32.66 2.21 -6.20	28.10 2.15 -1.83	25.06 1.92 -1.80	24.87 1.87 -1.74	23.29 1.81 -0.64	22.64 1.72 -1.20	22.42 1.75 -0.74	22.86 1.77 -1.03	24.23 1.81 -1.66	26.30 1.89 -3.11	31.30 2.15 -4.17	39.05 2.64 -4.63	40.94 2.98 -3.34	29.86 2.26 -0.95	26.25 1.97 -0.29	23.16 1.79 0.00	20.40 1.39 0.00
BAYONEEC___CTG3 323684	18.04 1.20 -0.59	16.55 1.07 0.00	15.38 0.97 0.00	15.09 0.96 0.00	15.55 0.96 0.00	17.35 1.20 -0.20	26.36 1.85 -2.73	32.66 2.21 -6.20	28.10 2.15 -1.83	25.06 1.92 -1.80	24.87 1.87 -1.74	23.29 1.81 -0.64	22.64 1.72 -1.20	22.42 1.75 -0.74	22.86 1.77 -1.03	24.23 1.81 -1.66	26.30 1.89 -3.11	31.30 2.15 -4.17	39.05 2.64 -4.63	40.94 2.98 -3.34	29.86 2.26 -0.95	26.25 1.97 -0.29	23.16 1.79 0.00	20.40 1.39 0.00
BAYONEEC___CTG4 323685	18.04 1.20 -0.59	16.55 1.07 0.00	15.38 0.97 0.00	15.09 0.96 0.00	15.55 0.96 0.00	17.35 1.20 -0.20	26.36 1.85 -2.73	32.66 2.21 -6.20	28.10 2.15 -1.83	25.06 1.92 -1.80	24.87 1.87 -1.74	23.29 1.81 -0.64	22.64 1.72 -1.20	22.42 1.75 -0.74	22.86 1.77 -1.03	24.23 1.81 -1.66	26.30 1.89 -3.11	31.30 2.15 -4.17	39.05 2.64 -4.63	40.94 2.98 -3.34	29.86 2.26 -0.95	26.25 1.97 -0.29	23.16 1.79 0.00	20.40 1.39 0.00
BAYONEEC___CTG5 323686	18.04 1.20 -0.59	16.55 1.07 0.00	15.38 0.97 0.00	15.09 0.96 0.00	15.55 0.96 0.00	17.35 1.20 -0.20	26.36 1.85 -2.73	32.66 2.21 -6.20	28.10 2.15 -1.83	25.06 1.92 -1.80	24.87 1.87 -1.74	23.29 1.81 -0.64	22.64 1.72 -1.20	22.42 1.75 -0.74	22.86 1.77 -1.03	24.23 1.81 -1.66	26.30 1.89 -3.11	31.30 2.15 -4.17	39.05 2.64 -4.63	40.94 2.98 -3.34	29.86 2.26 -0.95	26.25 1.97 -0.29	23.16 1.79 0.00	20.40 1.39 0.00
BAYONEEC___CTG6 323687	18.04 1.20 -0.59	16.55 1.07 0.00	15.38 0.97 0.00	15.09 0.96 0.00	15.55 0.96 0.00	17.35 1.20 -0.20	26.36 1.85 -2.73	32.66 2.21 -6.20	28.10 2.15 -1.83	25.06 1.92 -1.80	24.87 1.87 -1.74	23.29 1.81 -0.64	22.64 1.72 -1.20	22.42 1.75 -0.74	22.86 1.77 -1.03	24.23 1.81 -1.66	26.30 1.89 -3.11	31.30 2.15 -4.17	39.05 2.64 -4.63	40.94 2.98 -3.34	29.86 2.26 -0.95	26.25 1.97 -0.29	23.16 1.79 0.00	20.40 1.39 0.00
BAYONEEC___CTG7 323688	18.04 1.20 -0.59	16.55 1.07 0.00	15.38 0.97 0.00	15.09 0.96 0.00	15.55 0.96 0.00	17.35 1.20 -0.20	26.36 1.85 -2.73	32.66 2.21 -6.20	28.10 2.15 -1.83	25.06 1.92 -1.80	24.87 1.87 -1.74	23.29 1.81 -0.64	22.64 1.72 -1.20	22.42 1.75 -0.74	22.86 1.77 -1.03	24.23 1.81 -1.66	26.30 1.89 -3.11	31.30 2.15 -4.17	39.05 2.64 -4.63	40.94 2.98 -3.34	29.86 2.26 -0.95	26.25 1.97 -0.29	23.16 1.79 0.00	20.40 1.39 0.00
BAYONEEC___CTG8 323689	18.04 1.20 -0.59	16.55 1.07 0.00	15.38 0.97 0.00	15.09 0.96 0.00	15.55 0.96 0.00	17.35 1.20 -0.20	26.36 1.85 -2.73	32.66 2.21 -6.20	28.10 2.15 -1.83	25.06 1.92 -1.80	24.87 1.87 -1.74	23.29 1.81 -0.64	22.64 1.72 -1.20	22.42 1.75 -0.74	22.86 1.77 -1.03	24.23 1.81 -1.66	26.30 1.89 -3.11	31.30 2.15 -4.17	39.05 2.64 -4.63	40.94 2.98 -3.34	29.86 2.26 -0.95	26.25 1.97 -0.29	23.16 1.79 0.00	20.40 1.39 0.00

BAYONEEC___CTG9 323749	18.04 1.20 -0.59	16.55 1.07 0.00	15.38 0.97 0.00	15.09 0.96 0.00	15.55 0.96 0.00	17.35 1.20 -0.20	26.36 1.85 -2.73	32.66 2.21 -6.20	28.10 2.15 -1.83	25.06 1.92 -1.80	24.87 1.87 -1.74	23.29 1.81 -0.64	22.64 1.72 -1.20	22.42 1.75 -0.74	22.86 1.77 -1.03	24.23 1.81 -1.66	26.30 1.89 -3.11	31.30 2.15 -4.17	39.05 2.64 -4.63	40.94 2.98 -3.34	29.86 2.26 -0.95	26.25 1.97 -0.29	23.16 1.79 0.00	20.40 1.39 0.00
BEACON___LESR 323632	17.51 0.55 -0.70	16.03 0.54 0.00	14.95 0.53 0.00	14.67 0.54 0.00	15.13 0.54 0.00	16.83 0.64 -0.24	25.45 0.87 -2.80	32.16 1.02 -6.88	26.44 1.01 -1.30	22.93 0.81 -0.78	22.65 0.74 -0.65	21.80 0.69 -0.28	20.92 0.67 -0.52	20.97 0.72 -0.32	21.27 0.76 -0.45	22.31 0.83 -0.72	23.89 0.92 -1.68	31.10 1.10 -5.02	38.76 1.40 -5.58	38.77 1.49 -2.66	28.91 1.12 -1.14	25.23 0.89 -0.35	22.09 0.73 0.00	19.67 0.66 0.00
BEAVER RIVER___HYD 24048	16.09 -0.16 0.00	15.31 -0.17 0.00	14.21 -0.20 0.00	13.97 -0.16 0.00	14.45 -0.13 0.00	15.91 -0.05 0.00	21.84 0.07 0.00	24.36 0.10 0.00	24.10 -0.02 0.00	21.24 -0.11 0.00	21.08 -0.17 0.00	20.59 -0.25 0.00	19.42 -0.32 0.00	19.57 -0.36 0.00	19.70 -0.36 0.00	20.41 -0.35 0.00	21.02 -0.28 0.00	24.76 -0.23 0.00	31.75 -0.03 0.00	34.79 0.17 0.00	26.60 -0.05 0.00	23.92 -0.07 0.00	21.26 -0.11 0.00	18.99 -0.02 0.00
BEEBEE_GT_13 23619	15.84 -0.42 -0.02	15.19 -0.29 0.00	14.19 -0.23 0.00	13.86 -0.27 0.00	14.40 -0.19 0.00	15.48 -0.48 -0.01	21.30 -0.54 -0.07	24.06 -0.39 -0.19	23.89 -0.27 -0.02	21.34 0.00 0.00	21.15 -0.11 0.00	20.69 -0.15 0.00	19.59 -0.14 0.00	19.69 -0.24 0.00	19.76 -0.30 0.00	20.37 -0.39 0.00	21.02 -0.30 -0.02	24.91 -0.22 -0.15	31.59 -0.35 -0.16	34.33 -0.35 -0.06	26.42 -0.27 -0.03	23.88 -0.12 -0.01	21.26 -0.11 0.00	18.55 -0.46 0.00
BENSHRST_27_KV_BENSHRST_1 355998	18.15 1.32 -0.59	16.66 1.18 0.00	15.50 1.08 0.00	15.19 1.06 0.00	15.65 1.06 0.00	17.45 1.29 -0.20	26.49 1.98 -2.73	33.94 2.38 -7.30	96.89 2.32 -70.44	28.16 2.07 -4.74	30.40 2.02 -7.13	34.44 1.96 -11.64	33.86 1.87 -12.26	32.69 1.91 -10.85	29.77 1.93 -7.78	27.10 1.97 -4.36	26.63 2.04 -3.29	67.96 2.35 -40.62	39.34 2.92 -4.64	41.14 3.18 -3.34	30.11 2.51 -0.95	26.49 2.21 -0.29	23.31 1.94 0.00	20.59 1.58 0.00
BETHLEHEM___GRP 23843	17.25 0.29 -0.71	15.78 0.29 0.00	14.75 0.33 0.00	14.45 0.32 0.00	14.91 0.32 0.00	16.59 0.40 -0.24	25.05 0.48 -2.80	31.75 0.61 -6.89	26.03 0.60 -1.30	22.56 0.45 -0.77	22.31 0.40 -0.65	21.46 0.35 -0.27	20.60 0.36 -0.51	20.65 0.40 -0.32	20.93 0.42 -0.44	21.97 0.50 -0.71	23.52 0.55 -1.67	30.66 0.65 -5.02	38.20 0.83 -5.59	38.14 0.87 -2.66	28.49 0.69 -1.14	24.85 0.50 -0.35	21.75 0.38 0.00	19.33 0.32 0.00
BETHLEHEM___GS1 323560	17.25 0.29 -0.71	15.78 0.29 0.00	14.73 0.32 0.00	14.45 0.33 0.00	14.91 0.32 0.00	16.59 0.40 -0.24	25.05 0.48 -2.80	31.75 0.61 -6.89	26.03 0.60 -1.30	22.54 0.43 -0.77	22.31 0.40 -0.65	21.46 0.35 -0.27	20.60 0.36 -0.51	20.65 0.40 -0.32	20.95 0.44 -0.44	21.97 0.50 -0.71	23.52 0.55 -1.67	30.66 0.65 -5.02	38.19 0.82 -5.59	38.14 0.87 -2.66	28.46 0.67 -1.14	24.85 0.50 -0.35	21.77 0.40 0.00	19.33 0.32 0.00
BETHLEHEM___GS2 323561	17.25 0.29 -0.71	15.78 0.29 0.00	14.73 0.32 0.00	14.45 0.33 0.00	14.91 0.32 0.00	16.59 0.40 -0.24	25.05 0.48 -2.80	31.75 0.61 -6.89	26.03 0.60 -1.30	22.54 0.43 -0.77	22.31 0.40 -0.65	21.46 0.35 -0.27	20.60 0.36 -0.51	20.65 0.40 -0.32	20.95 0.44 -0.44	21.97 0.50 -0.71	23.52 0.55 -1.67	30.66 0.65 -5.02	38.19 0.82 -5.59	38.14 0.87 -2.66	28.46 0.67 -1.14	24.85 0.50 -0.35	21.77 0.40 0.00	19.33 0.32 0.00
BETHLEHEM___GS3 323562	17.25 0.29 -0.71	15.78 0.29 0.00	14.73 0.32 0.00	14.45 0.33 0.00	14.91 0.32 0.00	16.59 0.40 -0.24	25.05 0.48 -2.80	31.75 0.61 -6.89	26.03 0.60 -1.30	22.54 0.43 -0.77	22.31 0.40 -0.65	21.46 0.35 -0.27	20.60 0.36 -0.51	20.65 0.40 -0.32	20.95 0.44 -0.44	21.97 0.50 -0.71	23.52 0.55 -1.67	30.66 0.65 -5.02	38.19 0.82 -5.59	38.14 0.87 -2.66	28.46 0.67 -1.14	24.85 0.50 -0.35	21.77 0.40 0.00	19.33 0.32 0.00
BETHLEHEM___STEEL 23779	15.69 -0.58 -0.03	15.19 -0.29 0.00	14.26 -0.16 0.00	13.90 -0.23 0.00	14.50 -0.09 0.00	15.29 -0.67 -0.01	21.16 -0.72 -0.10	23.67 -0.85 -0.27	23.58 -0.58 -0.03	21.28 -0.06 0.00	20.94 -0.32 0.00	20.52 -0.31 0.00	19.52 -0.22 0.00	19.63 -0.30 0.00	19.66 -0.40 0.00	20.14 -0.62 0.00	20.83 -0.49 -0.02	24.77 -0.42 -0.20	31.02 -0.99 -0.23	33.79 -0.90 -0.08	26.19 -0.51 -0.05	23.67 -0.34 -0.01	21.21 -0.15 0.00	18.36 -0.65 0.00
BETHLHEM_115KV_TB1 79974	17.29 0.34 -0.71	15.83 0.34 0.00	14.78 0.36 0.00	14.48 0.35 0.00	14.95 0.36 0.00	16.62 0.43 -0.24	25.12 0.54 -2.79	31.82 0.68 -6.88	26.10 0.68 -1.29	22.62 0.51 -0.77	22.37 0.47 -0.65	21.53 0.42 -0.27	20.66 0.41 -0.51	20.70 0.46 -0.32	21.01 0.50 -0.44	22.03 0.56 -0.71	23.58 0.62 -1.67	30.73 0.72 -5.02	38.29 0.92 -5.59	38.28 1.00 -2.66	28.57 0.77 -1.14	24.94 0.60 -0.35	21.83 0.47 0.00	19.41 0.40 0.00
BETHPAGE_CC_5 323564	18.32 1.46 -0.61	16.74 1.25 0.00	15.53 1.11 0.00	15.22 1.09 0.00	15.74 1.15 0.00	17.62 1.44 -0.23	26.58 2.07 -2.73	32.69 2.23 -6.20	28.73 2.70 -1.90	25.70 2.39 -1.97	25.44 2.23 -1.95	23.71 2.19 -0.69	23.09 2.11 -1.25	22.92 2.17 -0.82	23.40 2.17 -1.17	24.85 2.26 -1.82	26.92 2.36 -3.26	31.78 2.62 -4.17	39.83 3.40 -4.65	41.52 3.57 -3.34	30.49 2.88 -0.96	28.33 2.50 -1.84	23.70 2.29 -0.05	20.83 1.83 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	15.74 -0.54 -0.03	15.24 -0.25 0.00	14.30 -0.12 0.00	13.94 -0.18 0.00	14.54 -0.04 0.00	15.36 -0.61 -0.01	21.24 -0.63 -0.10	23.77 -0.75 -0.27	23.65 -0.51 -0.03	21.36 0.02 0.00	21.02 -0.23 0.00	20.61 -0.23 0.00	19.57 -0.16 0.00	19.69 -0.24 0.00	19.72 -0.34 0.00	20.20 -0.56 0.00	20.89 -0.43 -0.02	24.87 -0.32 -0.21	31.15 -0.86 -0.23	33.93 -0.76 -0.08	26.30 -0.40 -0.05	23.74 -0.26 -0.01	21.28 -0.09 0.00	18.44 -0.57 0.00
BINGHAMTON___COGEN 23790	16.23 -0.08 -0.06	15.48 0.00 0.00	14.45 0.03 0.00	14.11 -0.01 0.00	14.64 0.06 0.00	15.85 -0.13 -0.02	22.01 0.02 -0.21	25.00 0.17 -0.57	24.44 0.24 -0.07	21.73 0.38 0.00	21.47 0.21 0.00	20.98 0.15 0.00	19.85 0.12 0.00	20.01 0.08 0.00	20.08 0.02 0.00	20.70 -0.06 0.00	21.39 0.04 -0.05	25.63 0.20 -0.44	32.46 0.19 -0.49	35.03 0.24 -0.17	26.99 0.24 -0.10	24.24 0.22 -0.03	21.60 0.23 0.00	18.95 -0.06 0.00
BIXINCNT_115KV_LOAD 355685	15.76 -0.52 -0.03	15.21 -0.28 0.00	14.24 -0.17 0.00	13.92 -0.21 0.00	14.59 0.00 0.00	15.42 -0.54 -0.01	21.42 -0.46 -0.10	23.96 -0.58 -0.28	23.82 -0.34 -0.03	21.47 0.13 0.00	21.02 -0.23 0.00	20.59 -0.25 0.00	19.52 -0.22 0.00	19.55 -0.38 0.00	19.64 -0.42 0.00	20.02 -0.75 0.00	20.81 -0.51 -0.02	25.00 -0.20 -0.22	31.22 -0.79 -0.24	34.01 -0.69 -0.08	26.43 -0.27 -0.05	23.84 -0.17 -0.01	21.38 0.02 0.00	18.61 -0.40 0.00

BLACK RIVER___HYD 24047	16.30 0.05 0.00	15.52 0.03 0.00	14.39 -0.03 0.00	14.14 0.01 0.00	14.64 0.06 0.00	16.10 0.14 0.00	22.17 0.39 0.00	25.12 0.75 -0.11	24.70 0.56 -0.01	21.75 0.40 0.00	21.55 0.30 0.00	21.04 0.21 0.00	19.83 0.10 0.00	19.99 0.06 0.00	20.06 0.00 0.00	20.74 -0.02 0.00	21.44 0.13 -0.01	25.47 0.40 -0.08	32.70 0.82 -0.09	35.65 1.00 -0.03	27.39 0.72 -0.02	24.62 0.62 -0.01	21.83 0.47 0.00	19.30 0.29 0.00
BLACKRVR_115KV_TB2 79977	16.30 0.05 0.00	15.52 0.03 0.00	14.39 -0.03 0.00	14.14 0.01 0.00	14.64 0.06 0.00	16.10 0.14 0.00	22.17 0.39 0.00	25.12 0.75 -0.11	24.70 0.55 -0.01	21.75 0.41 0.00	21.55 0.30 0.00	21.04 0.21 0.00	19.83 0.10 0.00	19.99 0.06 0.00	20.06 0.00 0.00	20.78 0.02 0.00	21.43 0.13 -0.01	25.47 0.40 -0.08	32.70 0.83 -0.09	35.65 1.00 -0.03	27.39 0.72 -0.02	24.60 0.60 -0.01	21.83 0.47 0.00	19.29 0.29 0.00
BLISS_WT_PWR 323608	15.69 -0.58 -0.03	15.13 -0.36 0.00	14.19 -0.23 0.00	13.86 -0.27 0.00	14.54 -0.04 0.00	15.37 -0.59 -0.01	21.38 -0.50 -0.10	23.93 -0.61 -0.28	23.80 -0.36 -0.03	21.45 0.11 0.00	20.96 -0.30 0.00	20.52 -0.31 0.00	19.46 -0.28 0.00	19.41 -0.52 0.00	19.48 -0.58 0.00	19.93 -0.83 0.00	20.72 -0.60 -0.02	24.95 -0.25 -0.22	31.10 -0.92 -0.24	33.90 -0.79 -0.08	26.38 -0.32 -0.05	23.84 -0.17 -0.01	21.32 -0.04 0.00	18.61 -0.40 0.00
BLUESTONE___WT_PWR 323821	17.14 0.75 -0.15	16.23 0.74 0.00	15.05 0.63 0.00	14.78 0.65 0.00	15.33 0.74 0.00	16.82 0.81 -0.05	23.68 1.37 -0.53	27.41 1.75 -1.40	25.94 1.64 -0.17	22.84 1.49 0.00	22.55 1.30 0.00	21.96 1.12 0.00	20.72 0.99 0.00	20.87 0.94 0.00	20.93 0.86 0.00	21.64 0.87 0.00	22.47 1.06 -0.11	27.61 1.55 -1.07	35.04 2.06 -1.19	37.27 2.25 -0.41	28.68 1.79 -0.24	25.63 1.56 -0.07	22.71 1.35 0.00	19.92 0.91 0.00
BLUE_CIRC_CHEM_DRP 24182	17.48 0.54 -0.70	16.01 0.53 0.00	14.94 0.52 0.00	14.64 0.51 0.00	15.11 0.53 0.00	16.78 0.59 -0.24	25.33 0.78 -2.77	32.00 0.87 -6.87	26.31 0.89 -1.29	22.80 0.70 -0.76	22.57 0.66 -0.66	21.73 0.63 -0.27	20.85 0.61 -0.50	20.90 0.66 -0.31	21.18 0.68 -0.43	22.21 0.75 -0.70	23.73 0.79 -1.65	30.95 0.95 -5.01	38.54 1.18 -5.58	38.54 1.28 -2.64	28.78 0.99 -1.14	25.16 0.82 -0.35	22.05 0.68 0.00	19.58 0.57 0.00
BOC_GAS_DRP 24189	17.44 0.49 -0.70	15.95 0.46 0.00	14.86 0.45 0.00	14.57 0.44 0.00	15.04 0.45 0.00	16.74 0.54 -0.24	25.28 0.72 -2.79	32.00 0.87 -6.87	26.28 0.87 -1.28	22.78 0.68 -0.75	22.55 0.64 -0.65	21.73 0.63 -0.27	20.85 0.61 -0.50	20.88 0.64 -0.31	21.16 0.66 -0.43	22.18 0.73 -0.70	23.71 0.77 -1.64	30.93 0.92 -5.02	38.51 1.14 -5.58	38.50 1.25 -2.64	28.78 0.99 -1.14	25.13 0.79 -0.35	22.05 0.68 0.00	19.56 0.55 0.00
BOONVILLE_115KV_TB1 79983	16.43 0.18 0.00	15.64 0.15 0.00	14.52 0.10 0.00	14.27 0.14 0.00	14.76 0.18 0.00	16.21 0.26 0.00	22.24 0.46 0.00	24.77 0.51 0.00	24.54 0.41 0.00	21.66 0.32 0.00	21.49 0.23 0.00	21.00 0.17 0.00	19.83 0.10 0.00	20.01 0.08 0.00	20.12 0.06 0.00	20.85 0.08 0.00	21.45 0.15 0.00	25.29 0.30 0.00	32.32 0.54 0.00	35.31 0.69 0.00	27.08 0.43 0.00	24.35 0.36 0.00	21.71 0.34 0.00	19.29 0.29 0.00
BORALEX_4TH_BRANCH 23824	17.74 0.80 -0.70	16.31 0.82 0.00	15.18 0.76 0.00	14.88 0.75 0.00	15.36 0.77 0.00	17.12 0.93 -0.24	25.78 1.20 -2.80	32.54 1.43 -6.86	26.97 1.50 -1.34	23.28 1.09 -0.85	22.85 1.00 -0.60	22.12 0.98 -0.30	21.27 0.97 -0.57	21.32 1.04 -0.35	21.64 1.08 -0.49	22.78 1.23 -0.79	24.41 1.32 -1.79	31.61 1.65 -4.97	39.41 2.10 -5.54	39.55 2.22 -2.72	29.52 1.73 -1.13	25.75 1.42 -0.34	22.54 1.17 0.00	19.92 0.91 0.00
BOWLINE___1 23526	17.84 1.04 -0.55	16.43 0.94 0.00	15.27 0.85 0.00	14.98 0.85 0.00	15.45 0.86 0.00	17.18 1.04 -0.19	26.07 1.55 -2.75	32.19 1.87 -6.07	27.99 1.83 -2.03	25.10 1.60 -2.16	24.87 1.55 -2.06	23.12 1.52 -0.76	22.63 1.46 -1.43	22.31 1.50 -0.89	22.81 1.51 -1.24	24.31 1.56 -1.99	26.54 1.62 -3.62	30.84 1.90 -3.95	38.56 2.38 -4.40	40.90 2.67 -3.61	29.55 2.00 -0.90	25.97 1.70 -0.27	22.90 1.54 0.00	20.21 1.20 0.00
BOWLINE___2 23595	17.84 1.04 -0.55	16.43 0.94 0.00	15.27 0.85 0.00	14.98 0.85 0.00	15.45 0.86 0.00	17.18 1.04 -0.19	26.07 1.55 -2.75	32.19 1.87 -6.07	27.99 1.83 -2.03	25.10 1.60 -2.15	24.87 1.55 -2.06	23.12 1.52 -0.76	22.63 1.46 -1.43	22.31 1.50 -0.89	22.81 1.51 -1.24	24.31 1.56 -1.99	26.53 1.62 -3.62	30.84 1.90 -3.95	38.56 2.38 -4.40	40.89 2.67 -3.61	29.55 2.00 -0.90	25.97 1.70 -0.27	22.90 1.54 0.00	20.21 1.20 0.00
BRADY___115KV_TB2 356060	16.05 -0.19 0.00	15.25 -0.23 0.00	14.19 -0.23 0.00	13.96 -0.17 0.00	14.38 -0.20 0.00	15.83 -0.13 0.00	21.54 -0.24 0.00	24.06 -0.19 0.00	23.89 -0.24 0.00	21.11 -0.23 0.00	21.13 -0.13 0.00	20.69 -0.15 0.00	19.52 -0.22 0.00	19.69 -0.24 0.00	19.84 -0.22 0.00	20.53 -0.23 0.00	21.04 -0.26 0.00	24.66 -0.32 0.00	31.30 -0.48 0.00	34.06 -0.55 0.00	26.17 -0.48 0.00	23.54 -0.46 0.00	21.00 -0.36 0.00	18.80 -0.21 0.00
BRANSCOMB___SOLAR 323811	17.91 0.94 -0.72	16.40 0.91 0.00	15.25 0.84 0.00	14.95 0.82 0.00	15.45 0.86 0.00	17.16 0.96 -0.24	26.01 1.40 -2.83	32.88 1.63 -7.00	27.01 1.59 -1.29	23.43 1.35 -0.74	23.08 1.21 -0.62	22.27 1.17 -0.26	21.27 1.05 -0.49	21.33 1.10 -0.31	21.61 1.12 -0.43	22.67 1.22 -0.68	24.21 1.28 -1.64	31.63 1.52 -5.12	39.54 2.06 -5.70	39.50 2.22 -2.67	29.58 1.76 -1.16	25.81 1.46 -0.35	22.56 1.20 0.00	20.13 1.12 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	18.43 1.33 -0.85	16.75 1.25 -0.01	15.51 1.08 -0.01	15.23 1.10 0.00	15.72 1.12 -0.01	17.85 1.39 -0.50	26.57 2.03 -2.77	32.88 2.16 -6.46	29.30 2.75 -2.42	26.86 2.37 -3.15	26.89 2.23 -3.40	24.07 2.17 -1.07	23.51 2.13 -1.64	23.43 2.21 -1.29	24.30 2.23 -2.01	26.02 2.28 -2.97	27.98 2.45 -4.23	32.48 2.77 -4.72	40.37 3.53 -5.07	41.66 3.63 -3.41	31.76 2.93 -2.18	29.07 2.59 -2.49	24.11 2.31 -0.44	20.88 1.86 -0.01
BRISTLHL_115KV_TB1 79998	16.34 0.08 -0.01	15.58 0.09 0.00	14.50 0.09 0.00	14.17 0.04 0.00	14.69 0.10 0.00	16.01 0.05 0.00	22.09 0.26 -0.05	24.86 0.46 -0.15	24.60 0.46 -0.02	21.83 0.49 0.00	21.64 0.38 0.00	21.13 0.29 0.00	19.97 0.24 0.00	20.13 0.20 0.00	20.22 0.16 0.00	20.87 0.10 0.00	21.48 0.17 -0.01	25.43 0.32 -0.11	32.41 0.51 -0.12	35.25 0.59 -0.04	27.08 0.40 -0.03	24.41 0.41 -0.01	21.75 0.38 0.00	19.22 0.21 0.00
BROOKHAVEN___DRP 24191	20.72 1.54 -2.92	17.06 1.46 -0.12	15.81 1.27 -0.12	15.39 1.22 -0.04	16.04 1.33 -0.12	20.49 1.60 -2.94	27.14 2.29 -3.07	35.58 2.50 -8.83	34.37 3.11 -7.13	37.77 2.71 -13.72	40.18 2.55 -16.37	27.86 2.52 -4.50	27.40 2.45 -5.22	27.95 2.51 -5.51	32.12 2.53 -9.53	36.64 2.62 -13.26	36.99 2.75 -12.94	37.79 3.10 -9.70	44.54 3.85 -8.91	42.72 4.08 -4.02	43.16 3.25 -13.26	35.19 2.90 -8.29	27.86 2.54 -3.96	21.20 2.07 -0.12



BROOKLYN_NAVY_YARD 23515	18.04 1.20 -0.59	16.54 1.05 0.00	15.37 0.95 0.00	15.06 0.93 0.00	15.52 0.93 0.00	17.33 1.18 -0.20	26.36 1.85 -2.73	32.69 2.23 -6.20	28.15 2.20 -1.83	25.08 1.94 -1.80	24.82 1.83 -1.74	23.27 1.79 -0.64	22.63 1.70 -1.20	22.38 1.71 -0.74	22.84 1.74 -1.03	24.21 1.79 -1.66	26.30 1.89 -3.11	31.30 2.15 -4.17	39.05 2.64 -4.64	40.94 2.98 -3.34	29.84 2.24 -0.95	26.23 1.94 -0.29	23.16 1.79 0.00	20.40 1.39 0.00
BROOKLYN___ARMY_DRP 323595	18.08 1.25 -0.59	16.61 1.13 0.00	15.45 1.04 0.00	15.15 1.02 0.00	15.61 1.02 0.00	17.40 1.24 -0.20	26.40 1.89 -2.73	33.84 2.28 -7.30	96.79 2.22 -70.44	28.07 1.98 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.85 -7.78	27.01 1.89 -4.36	26.53 1.94 -3.29	67.86 2.25 -40.62	39.21 2.80 -4.64	41.01 3.05 -3.34	30.00 2.40 -0.95	26.39 2.11 -0.29	23.22 1.86 0.00	20.51 1.50 0.00
BROOKVLE_69_KV_TB1 55790	18.21 1.36 -0.60	16.71 1.22 0.00	15.51 1.10 0.00	15.16 1.03 0.00	15.71 1.12 0.00	17.55 1.39 -0.21	26.53 2.03 -2.73	32.71 2.26 -6.20	28.54 2.56 -1.85	25.48 2.26 -1.87	25.28 2.19 -1.84	23.64 2.15 -0.66	23.00 2.05 -1.21	22.82 2.11 -0.78	23.29 2.13 -1.10	24.68 2.18 -1.73	26.74 2.26 -3.18	31.78 2.62 -4.17	39.72 3.31 -4.64	41.49 3.53 -3.34	30.37 2.77 -0.95	28.18 2.40 -1.79	23.54 2.16 -0.02	20.72 1.71 0.00
BROOME_2_LFGE 323671	16.23 -0.08 -0.06	15.48 0.00 0.00	14.45 0.03 0.00	14.11 -0.01 0.00	14.64 0.06 0.00	15.85 -0.13 -0.02	22.01 0.02 -0.21	25.00 0.17 -0.57	24.44 0.24 -0.07	21.75 0.40 0.00	21.47 0.21 0.00	20.98 0.15 0.00	19.85 0.12 0.00	19.99 0.06 0.00	20.04 -0.02 0.00	20.70 -0.06 0.00	21.39 0.04 -0.05	25.63 0.20 -0.44	32.46 0.19 -0.49	35.03 0.24 -0.17	26.96 0.21 -0.10	24.26 0.24 -0.03	21.60 0.24 0.00	18.97 -0.04 0.00
BROOME___LFGE 323600	16.23 -0.08 -0.06	15.48 0.00 0.00	14.45 0.03 0.00	14.11 -0.01 0.00	14.64 0.06 0.00	15.85 -0.13 -0.02	22.01 0.02 -0.21	25.00 0.17 -0.57	24.44 0.24 -0.07	21.75 0.40 0.00	21.47 0.21 0.00	20.98 0.15 0.00	19.85 0.12 0.00	19.99 0.06 0.00	20.04 -0.02 0.00	20.70 -0.06 0.00	21.39 0.04 -0.05	25.63 0.20 -0.44	32.46 0.19 -0.49	35.03 0.24 -0.17	26.96 0.21 -0.10	24.26 0.24 -0.03	21.60 0.24 0.00	18.97 -0.04 0.00
BROWNFLS_115KV_TB_3_5 80003	15.97 -0.28 0.00	15.19 -0.29 0.00	14.11 -0.30 0.00	13.87 -0.25 0.00	14.32 -0.26 0.00	15.76 -0.19 0.00	21.58 -0.20 0.00	24.04 -0.22 0.00	23.84 -0.29 0.00	21.04 -0.30 0.00	20.98 -0.28 0.00	20.50 -0.33 0.00	19.34 -0.39 0.00	19.49 -0.44 0.00	19.64 -0.42 0.00	20.35 -0.42 0.00	20.87 -0.43 0.00	24.49 -0.50 0.00	31.34 -0.44 0.00	34.24 -0.38 0.00	26.23 -0.43 0.00	23.61 -0.38 0.00	21.02 -0.34 0.00	18.80 -0.21 0.00
BROWNSV1_27_KV_LOAD 356125	18.17 1.33 -0.59	16.65 1.16 0.00	15.48 1.07 0.00	15.17 1.05 0.00	15.64 1.05 0.00	17.45 1.29 -0.20	26.51 2.00 -2.73	32.86 2.40 -6.20	28.30 2.34 -1.83	25.23 2.09 -1.80	25.03 2.04 -1.74	23.45 1.98 -0.64	22.80 1.87 -1.20	22.58 1.91 -0.74	23.02 1.93 -1.03	24.42 1.99 -1.66	26.47 2.07 -3.11	31.53 2.37 -4.17	39.34 2.92 -4.64	41.25 3.29 -3.34	30.08 2.48 -0.95	26.47 2.18 -0.29	23.31 1.94 0.00	20.55 1.54 0.00
BURROWS___LYONSDAL 23803	16.35 0.10 0.00	15.56 0.08 0.00	14.45 0.03 0.00	14.20 0.07 0.00	14.69 0.10 0.00	16.13 0.18 0.00	22.15 0.37 0.00	24.67 0.41 0.00	24.44 0.31 0.00	21.56 0.21 0.00	21.38 0.13 0.00	20.88 0.04 0.00	19.71 -0.02 0.00	19.89 -0.04 0.00	20.00 -0.06 0.00	20.74 -0.02 0.00	21.34 0.04 0.00	25.16 0.17 0.00	32.19 0.41 0.00	35.21 0.59 0.00	26.97 0.32 0.00	24.26 0.26 0.00	21.60 0.23 0.00	19.24 0.23 0.00
CAITHNESS_CC_1 323624	20.75 1.58 -2.93	17.02 1.41 -0.12	15.76 1.22 -0.12	15.40 1.23 -0.04	15.99 1.28 -0.12	20.44 1.55 -2.94	27.08 2.22 -3.07	35.59 2.50 -8.83	34.28 3.02 -7.14	37.76 2.69 -13.73	40.11 2.46 -16.39	27.78 2.44 -4.51	27.32 2.37 -5.22	27.85 2.41 -5.51	32.05 2.45 -9.54	36.56 2.53 -13.27	36.91 2.66 -12.95	37.60 2.90 -9.71	44.42 3.72 -8.92	42.55 3.91 -4.02	43.10 3.17 -13.28	35.09 2.81 -8.29	27.80 2.48 -3.96	21.13 2.00 -0.12
CALPINE BETH_PAGE_GT4 24209	18.28 1.41 -0.61	16.74 1.25 0.00	15.54 1.12 0.00	15.16 1.03 0.00	15.75 1.17 0.00	17.62 1.44 -0.23	26.53 2.03 -2.73	32.59 2.13 -6.20	28.65 2.63 -1.89	25.63 2.33 -1.96	25.39 2.19 -1.95	23.67 2.15 -0.68	23.05 2.07 -1.24	22.88 2.13 -0.82	23.38 2.15 -1.17	24.79 2.20 -1.82	26.86 2.30 -3.26	31.78 2.62 -4.17	39.76 3.34 -4.64	41.45 3.50 -3.34	30.40 2.80 -0.95	28.28 2.45 -1.84	23.66 2.24 -0.05	20.83 1.82 0.00
CALPINE_BETH_PAGE_GT_4 323586	18.32 1.46 -0.61	16.74 1.25 0.00	15.53 1.11 0.00	15.20 1.07 0.00	15.74 1.15 0.00	17.62 1.44 -0.23	26.54 2.03 -2.73	32.64 2.18 -6.20	28.66 2.63 -1.90	25.63 2.33 -1.96	25.39 2.19 -1.95	23.67 2.15 -0.68	23.05 2.07 -1.24	22.86 2.11 -0.82	23.36 2.13 -1.17	24.79 2.20 -1.82	26.86 2.30 -3.26	31.73 2.57 -4.17	39.76 3.34 -4.65	41.45 3.49 -3.34	30.43 2.82 -0.96	28.28 2.45 -1.84	23.68 2.26 -0.05	20.83 1.83 0.00
CALPINE_BP_GT1 23823	18.32 1.46 -0.61	16.74 1.25 0.00	15.53 1.11 0.00	15.20 1.07 0.00	15.74 1.15 0.00	17.62 1.44 -0.23	26.54 2.03 -2.73	32.64 2.18 -6.20	28.66 2.63 -1.90	25.63 2.33 -1.96	25.39 2.19 -1.95	23.67 2.15 -0.68	23.05 2.07 -1.24	22.86 2.11 -0.82	23.36 2.13 -1.17	24.79 2.20 -1.82	26.86 2.30 -3.26	31.73 2.57 -4.17	39.76 3.34 -4.65	41.45 3.49 -3.34	30.43 2.82 -0.96	28.28 2.45 -1.84	23.68 2.26 -0.05	20.83 1.83 0.00
CALSPAN___DRP 24200	15.69 -0.58 -0.03	15.19 -0.29 0.00	14.26 -0.16 0.00	13.90 -0.23 0.00	14.50 -0.09 0.00	15.29 -0.67 -0.01	21.16 -0.72 -0.10	23.67 -0.85 -0.27	23.58 -0.58 -0.03	21.28 -0.06 0.00	20.94 -0.32 0.00	20.52 -0.31 0.00	19.52 -0.22 0.00	19.63 -0.30 0.00	19.66 -0.40 0.00	20.14 -0.62 0.00	20.83 -0.49 -0.02	24.77 -0.42 -0.20	31.02 -0.99 -0.23	33.79 -0.90 -0.08	26.19 -0.51 -0.05	23.67 -0.34 -0.01	21.21 -0.15 0.00	18.36 -0.65 0.00
CALVERTON___SOLAR 323806	20.85 1.67 -2.93	17.11 1.50 -0.12	15.87 1.33 -0.12	15.48 1.31 -0.04	16.10 1.39 -0.12	20.55 1.66 -2.94	27.23 2.37 -3.07	35.78 2.69 -8.83	34.50 3.23 -7.13	37.95 2.88 -13.72	40.29 2.66 -16.38	27.97 2.63 -4.50	27.50 2.55 -5.22	28.01 2.57 -5.51	32.23 2.63 -9.53	36.74 2.72 -13.26	37.11 2.87 -12.94	37.87 3.17 -9.70	44.77 4.07 -8.92	42.93 4.29 -4.02	43.36 3.44 -13.27	35.33 3.05 -8.29	27.97 2.65 -3.96	21.26 2.13 -0.12
CANDIGU_WT_PWR 323617	15.91 -0.37 -0.04	15.30 -0.19 0.00	14.32 -0.10 0.00	13.96 -0.17 0.00	14.54 -0.04 0.00	15.57 -0.40 -0.01	21.60 -0.30 -0.13	24.41 -0.19 -0.35	24.12 -0.05 -0.04	21.62 0.28 0.00	21.28 0.02 0.00	20.75 -0.08 0.00	19.67 -0.06 0.00	19.77 -0.16 0.00	19.80 -0.26 0.00	20.43 -0.33 0.00	21.13 -0.19 -0.03	25.28 0.03 -0.27	31.89 -0.19 -0.30	34.61 -0.10 -0.10	26.74 0.03 -0.06	24.11 0.10 -0.02	21.47 0.11 0.00	18.72 -0.28 0.00

CARR STREET_E__SYR 24060	16.10 -0.16 -0.01	15.36 -0.12 0.00	14.32 -0.10 0.00	13.99 -0.14 0.00	14.48 -0.10 0.00	15.75 -0.21 -0.01	21.68 -0.15 -0.05	24.37 -0.05 -0.16	24.10 -0.05 -0.02	21.41 0.06 0.00	21.21 -0.04 0.00	20.75 -0.08 0.00	19.65 -0.08 0.00	19.81 -0.12 0.00	19.88 -0.18 0.00	20.56 -0.21 0.00	21.14 -0.17 -0.01	24.98 -0.12 -0.12	31.75 -0.16 -0.13	34.52 -0.14 -0.05	26.57 -0.11 -0.03	23.98 -0.02 -0.01	21.36 0.00 0.00	18.90 -0.11 0.00
CARTHAGE__PAPER 23857	16.15 -0.10 0.00	15.36 -0.12 0.00	14.26 -0.16 0.00	14.01 -0.11 0.00	14.51 -0.07 0.00	15.97 0.02 0.00	21.95 0.17 0.00	24.60 0.34 0.00	24.30 0.17 0.00	21.41 0.06 0.00	21.25 0.00 0.00	20.75 -0.08 0.00	19.55 -0.18 0.00	19.73 -0.20 0.00	19.84 -0.22 0.00	20.54 -0.23 0.00	21.17 -0.13 0.00	25.01 0.03 0.00	32.10 0.32 0.00	35.10 0.48 0.00	26.92 0.27 0.00	24.18 0.19 0.00	21.45 0.09 0.00	19.09 0.08 0.00
CASSADAGA_WT_PWR 323784	15.55 -0.73 -0.03	15.05 -0.43 0.00	14.14 -0.27 0.00	13.80 -0.32 0.00	14.43 -0.16 0.00	15.26 -0.70 -0.01	21.23 -0.65 -0.10	23.76 -0.78 -0.28	23.68 -0.48 -0.03	21.34 0.00 0.00	20.94 -0.32 0.00	20.50 -0.33 0.00	19.46 -0.28 0.00	19.47 -0.46 0.00	19.44 -0.62 0.00	20.06 -0.71 0.00	20.77 -0.55 -0.02	24.80 -0.40 -0.21	31.23 -0.79 -0.24	34.11 -0.59 -0.08	26.43 -0.27 -0.05	23.94 -0.07 -0.01	21.32 -0.04 0.00	18.50 -0.51 0.00
CE_DUNWOOD__DRP 24194	17.95 1.12 -0.58	16.49 1.01 0.00	15.34 0.92 0.00	15.03 0.90 0.00	15.50 0.92 0.00	17.28 1.13 -0.20	26.19 1.68 -2.73	32.46 2.01 -6.19	27.95 1.98 -1.85	24.92 1.75 -1.83	24.72 1.70 -1.77	23.13 1.65 -0.65	22.55 1.60 -1.22	22.32 1.63 -0.75	22.76 1.65 -1.05	24.16 1.70 -1.69	26.20 1.75 -3.15	31.18 2.05 -4.15	38.97 2.57 -4.62	40.82 2.84 -3.37	29.75 2.16 -0.94	26.13 1.85 -0.29	23.03 1.67 0.00	20.32 1.31 0.00
CE_MILLWOOD__DRP 24193	17.91 1.09 -0.58	16.48 0.99 0.00	15.32 0.91 0.00	15.02 0.89 0.00	15.48 0.89 0.00	17.25 1.10 -0.20	26.14 1.63 -2.73	32.36 1.94 -6.17	27.93 1.93 -1.88	24.91 1.69 -1.88	24.71 1.64 -1.82	23.11 1.60 -0.67	22.52 1.54 -1.25	22.28 1.57 -0.77	22.73 1.59 -1.08	24.14 1.64 -1.74	26.21 1.68 -3.23	31.08 1.97 -4.11	38.84 2.48 -4.58	40.79 2.77 -3.41	29.69 2.11 -0.94	26.08 1.80 -0.29	22.97 1.60 0.00	20.28 1.27 0.00
CE_NYC2_DRP 24202	18.08 1.25 -0.59	16.61 1.13 0.00	15.45 1.04 0.00	15.15 1.02 0.00	15.61 1.02 0.00	17.41 1.26 -0.20	26.42 1.92 -2.73	33.84 2.28 -7.30	96.82 2.24 -70.44	28.09 2.01 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.85 -7.78	27.03 1.91 -4.36	26.57 1.98 -3.29	67.88 2.27 -40.62	39.21 2.80 -4.64	41.04 3.08 -3.34	29.97 2.37 -0.95	26.35 2.06 -0.29	23.22 1.86 0.00	20.49 1.48 0.00
CE_NYC_DRP 24195	18.04 1.20 -0.59	16.57 1.08 0.00	15.41 0.99 0.00	15.10 0.97 0.00	15.56 0.98 0.00	17.37 1.21 -0.20	26.38 1.87 -2.73	32.71 2.26 -6.20	28.15 2.20 -1.83	25.10 1.96 -1.80	24.91 1.91 -1.74	23.33 1.85 -0.64	22.68 1.76 -1.20	22.46 1.79 -0.74	22.90 1.81 -1.03	24.29 1.87 -1.66	26.34 1.94 -3.11	31.38 2.22 -4.17	39.15 2.73 -4.64	41.01 3.05 -3.34	29.89 2.29 -0.95	26.30 2.02 -0.29	23.16 1.79 0.00	20.44 1.43 0.00
CHAFFEE__LFGE 323603	15.72 -0.55 -0.03	15.24 -0.25 0.00	14.30 -0.12 0.00	13.93 -0.20 0.00	14.53 -0.06 0.00	15.34 -0.62 -0.01	21.25 -0.63 -0.10	23.75 -0.78 -0.27	23.68 -0.48 -0.03	21.36 0.02 0.00	21.02 -0.23 0.00	20.63 -0.21 0.00	19.62 -0.12 0.00	19.67 -0.26 0.00	19.68 -0.38 0.00	20.24 -0.52 0.00	20.91 -0.41 -0.02	24.90 -0.30 -0.21	31.19 -0.83 -0.23	33.97 -0.73 -0.08	26.30 -0.40 -0.05	23.84 -0.17 -0.01	21.28 -0.09 0.00	18.48 -0.53 0.00
CHATEAUG_35_KV_LOAD 355732	15.83 -0.42 0.00	15.02 -0.46 0.00	13.98 -0.43 0.00	13.78 -0.35 0.00	14.16 -0.42 0.00	15.60 -0.35 0.00	21.28 -0.50 0.00	23.87 -0.39 0.00	23.86 -0.27 0.00	21.13 -0.21 0.00	21.19 -0.06 0.00	20.75 -0.08 0.00	19.56 -0.18 0.00	19.77 -0.16 0.00	19.98 -0.08 0.00	20.68 -0.08 0.00	21.28 -0.02 0.00	24.96 -0.02 0.00	31.75 -0.03 0.00	34.48 -0.14 0.00	26.39 -0.27 0.00	23.63 -0.36 0.00	20.96 -0.41 0.00	18.78 -0.23 0.00
CHATEAUG_WT_PWR 323614	15.86 -0.39 0.00	15.05 -0.43 0.00	14.01 -0.40 0.00	13.79 -0.34 0.00	14.19 -0.39 0.00	15.60 -0.35 0.00	21.30 -0.48 0.00	23.92 -0.34 0.00	23.89 -0.24 0.00	21.15 -0.19 0.00	21.21 -0.04 0.00	20.75 -0.08 0.00	19.57 -0.16 0.00	19.77 -0.16 0.00	20.02 -0.04 0.00	20.70 -0.06 0.00	21.30 0.00 0.00	24.99 0.00 0.00	31.75 -0.03 0.00	34.51 -0.10 0.00	26.41 -0.24 0.00	23.63 -0.36 0.00	20.96 -0.41 0.00	18.78 -0.23 0.00
CHAT_HIGH_FALL_HYD 323578	15.83 -0.42 0.00	15.02 -0.46 0.00	14.00 -0.42 0.00	13.78 -0.35 0.00	14.16 -0.42 0.00	15.60 -0.35 0.00	21.28 -0.50 0.00	23.87 -0.39 0.00	23.86 -0.26 0.00	21.13 -0.21 0.00	21.19 -0.06 0.00	20.75 -0.08 0.00	19.55 -0.18 0.00	19.77 -0.16 0.00	20.02 -0.04 0.00	20.68 -0.08 0.00	21.28 -0.02 0.00	24.96 -0.02 0.00	31.75 -0.03 0.00	34.48 -0.14 0.00	26.39 -0.27 0.00	23.61 -0.38 0.00	20.96 -0.41 0.00	18.78 -0.23 0.00
CHAUTAUQUA__LFGE 323629	15.69 -0.58 -0.03	15.19 -0.29 0.00	14.27 -0.14 0.00	13.90 -0.23 0.00	14.51 -0.07 0.00	15.34 -0.62 -0.01	21.25 -0.63 -0.10	23.83 -0.70 -0.28	23.73 -0.43 -0.03	21.41 0.06 0.00	21.06 -0.19 0.00	20.65 -0.19 0.00	19.62 -0.12 0.00	19.65 -0.28 0.00	19.64 -0.42 0.00	20.24 -0.52 0.00	20.94 -0.38 -0.02	24.93 -0.27 -0.21	31.29 -0.73 -0.24	34.14 -0.56 -0.08	26.43 -0.27 -0.05	23.94 -0.07 -0.01	21.36 0.00 0.00	18.52 -0.49 0.00
CHERRYST_13_KV_LD 356241	18.08 1.25 -0.59	16.60 1.11 0.00	15.44 1.02 0.00	15.13 1.00 0.00	15.59 1.01 0.00	17.40 1.24 -0.20	26.44 1.94 -2.73	32.76 2.30 -6.20	28.23 2.27 -1.83	25.17 2.03 -1.80	24.97 1.98 -1.74	23.39 1.92 -0.64	22.74 1.82 -1.20	22.52 1.85 -0.74	22.96 1.87 -1.03	24.33 1.91 -1.66	26.41 2.00 -3.11	31.45 2.30 -4.17	39.21 2.80 -4.64	41.11 3.15 -3.34	29.97 2.37 -0.95	26.35 2.06 -0.29	23.22 1.86 0.00	20.47 1.46 0.00
CHESTROR_138KV_BK263 355645	17.71 0.94 -0.52	16.35 0.87 0.00	15.20 0.78 0.00	14.91 0.78 0.00	15.37 0.79 0.00	17.06 0.93 -0.18	26.96 1.37 -3.81	33.07 1.65 -7.17	29.91 1.62 -4.17	28.22 1.39 -5.49	27.78 1.38 -5.14	24.12 1.33 -1.95	24.67 1.28 -3.66	23.51 1.32 -2.26	24.55 1.32 -3.16	27.21 1.37 -5.08	31.31 1.45 -8.56	30.41 1.70 -3.72	38.08 2.16 -4.14	43.81 2.39 -6.81	29.28 1.79 -0.85	25.79 1.54 -0.26	22.73 1.37 0.00	20.09 1.08 0.00
CH_MIDHUDSON__DRP 24192	17.86 1.01 -0.61	16.41 0.93 0.00	15.27 0.85 0.00	14.96 0.83 0.00	15.43 0.85 0.00	17.17 1.01 -0.21	25.94 1.46 -2.70	32.30 1.75 -6.29	27.52 1.74 -1.65	24.30 1.47 -1.48	24.10 1.42 -1.42	22.76 1.40 -0.53	22.06 1.34 -0.99	21.94 1.40 -0.61	22.32 1.40 -0.85	23.59 1.45 -1.37	25.47 1.51 -2.66	31.13 1.80 -4.34	38.90 2.29 -4.83	40.28 2.56 -3.10	29.56 1.92 -0.99	25.93 1.63 -0.30	22.79 1.43 0.00	20.15 1.14 0.00

CH_MISC_IPPS 23765	17.98 1.15 -0.58	16.54 1.05 0.00	15.37 0.95 0.00	15.08 0.95 0.00	15.53 0.95 0.00	17.24 1.09 -0.20	26.08 1.59 -2.71	32.31 1.89 -6.16	27.80 1.86 -1.82	24.68 1.56 -1.78	24.53 1.57 -1.71	22.97 1.50 -0.63	22.38 1.46 -1.19	22.16 1.50 -0.73	22.59 1.51 -1.03	23.95 1.54 -1.65	26.00 1.62 -3.08	31.05 1.92 -4.14	38.90 2.51 -4.61	40.74 2.80 -3.32	29.65 2.05 -0.94	26.03 1.75 -0.29	22.94 1.58 0.00	20.24 1.23 0.00
CH_RES_BVR_FALLS 23983	16.04 -0.21 0.00	15.27 -0.22 0.00	14.21 -0.20 0.00	13.94 -0.18 0.00	14.38 -0.20 0.00	15.76 -0.19 0.00	21.45 -0.33 0.00	23.89 -0.36 0.00	23.77 -0.36 0.00	21.02 -0.32 0.00	21.00 -0.25 0.00	20.59 -0.25 0.00	19.50 -0.24 0.00	19.69 -0.24 0.00	19.84 -0.22 0.00	20.51 -0.25 0.00	21.02 -0.28 0.00	24.64 -0.35 0.00	31.34 -0.44 0.00	34.10 -0.52 0.00	26.25 -0.40 0.00	23.61 -0.38 0.00	21.02 -0.34 0.00	18.78 -0.23 0.00
CH_RES_NIAGARA 23895	15.05 -1.22 -0.03	14.63 -0.85 0.00	13.75 -0.66 0.00	13.39 -0.74 0.00	13.96 -0.63 0.00	14.69 -1.28 -0.01	20.21 -1.66 -0.09	22.61 -1.89 -0.25	22.54 -1.62 -0.03	20.38 -0.96 0.00	20.09 -1.17 0.00	19.67 -1.17 0.00	18.73 -1.01 0.00	18.75 -1.18 0.00	18.78 -1.28 0.00	19.33 -1.43 0.00	19.93 -1.38 -0.02	23.65 -1.53 -0.19	29.57 -2.42 -0.21	32.20 -2.49 -0.07	24.99 -1.71 -0.04	22.73 -1.27 -0.01	20.36 -1.00 0.00	17.64 -1.37 0.00
CH_RES_SYRACUSE 23985	16.26 0.00 -0.02	15.52 0.03 0.00	14.45 0.03 0.00	14.11 -0.01 0.00	14.63 0.04 0.00	15.93 -0.03 -0.01	21.95 0.11 -0.06	25.04 0.61 -0.17	24.80 0.65 -0.02	22.03 0.68 0.00	21.81 0.55 0.00	21.27 0.44 0.00	20.13 0.39 0.00	20.27 0.34 0.00	20.34 0.28 0.00	21.01 0.25 0.00	21.57 0.26 -0.01	25.57 0.45 -0.13	32.56 0.64 -0.15	35.36 0.69 -0.05	27.19 0.51 -0.03	24.51 0.50 -0.01	21.81 0.45 0.00	19.26 0.25 0.00
CLINTON_WT_PWR 323605	15.86 -0.39 0.00	15.05 -0.43 0.00	14.01 -0.40 0.00	13.79 -0.34 0.00	14.19 -0.39 0.00	15.60 -0.35 0.00	21.30 -0.48 0.00	23.92 -0.34 0.00	23.89 -0.24 0.00	21.15 -0.19 0.00	21.21 -0.04 0.00	20.75 -0.08 0.00	19.57 -0.16 0.00	19.77 -0.16 0.00	20.02 -0.04 0.00	20.70 -0.06 0.00	21.30 0.00 0.00	24.99 0.00 0.00	31.75 -0.03 0.00	34.51 -0.10 0.00	26.41 -0.24 0.00	23.63 -0.36 0.00	20.96 -0.41 0.00	18.78 -0.23 0.00
CLINTON__LFGE 323618	15.94 -0.31 0.00	15.11 -0.37 0.00	14.09 -0.33 0.00	13.87 -0.25 0.00	14.27 -0.32 0.00	15.72 -0.24 0.00	21.47 -0.30 0.00	24.16 -0.10 0.00	24.15 0.02 0.00	21.39 0.04 0.00	21.44 0.19 0.00	20.98 0.15 0.00	19.75 0.02 0.00	19.97 0.04 0.00	20.24 0.18 0.00	20.91 0.15 0.00	21.53 0.23 0.00	25.29 0.30 0.00	32.13 0.35 0.00	34.89 0.28 0.00	26.71 0.05 0.00	23.87 -0.12 0.00	21.15 -0.21 0.00	18.95 -0.06 0.00
COBBLENY_34_KV_TB1 80064	15.72 -0.55 -0.03	15.24 -0.25 0.00	14.29 -0.13 0.00	13.93 -0.20 0.00	14.53 -0.06 0.00	15.34 -0.62 -0.01	21.25 -0.63 -0.10	23.78 -0.75 -0.27	23.68 -0.48 -0.03	21.36 0.02 0.00	21.02 -0.23 0.00	20.63 -0.21 0.00	19.61 -0.12 0.00	19.73 -0.20 0.00	19.76 -0.30 0.00	20.24 -0.52 0.00	20.92 -0.40 -0.02	24.90 -0.30 -0.21	31.19 -0.83 -0.23	33.97 -0.73 -0.08	26.30 -0.40 -0.05	23.77 -0.24 -0.01	21.28 -0.09 0.00	18.42 -0.59 0.00
COFFEEN__115KV_TB3 355620	16.41 0.16 0.00	15.61 0.12 0.00	14.47 0.06 0.00	14.23 0.10 0.00	14.75 0.16 0.00	16.21 0.26 0.00	22.34 0.57 0.00	25.31 0.95 -0.11	24.87 0.72 -0.01	21.90 0.55 0.00	21.68 0.43 0.00	21.15 0.31 0.00	19.93 0.20 0.00	20.09 0.16 0.00	20.16 0.10 0.00	20.87 0.10 0.00	21.54 0.23 -0.01	25.65 0.57 -0.08	32.95 1.08 -0.09	35.93 1.28 -0.03	27.60 0.93 -0.02	24.79 0.79 -0.01	21.98 0.62 0.00	19.41 0.40 0.00
COLDSPRG_115KV_BK1 355956	15.98 -0.29 -0.03	15.44 -0.05 0.00	14.49 0.07 0.00	14.13 0.00 0.00	14.76 0.18 0.00	15.63 -0.34 -0.01	21.77 -0.11 -0.10	24.38 -0.17 -0.29	24.28 0.12 -0.03	21.88 0.53 0.00	21.49 0.23 0.00	21.07 0.23 0.00	19.99 0.26 0.00	20.09 0.16 0.00	20.08 0.02 0.00	20.62 -0.15 0.00	21.34 0.02 -0.02	25.48 0.27 -0.22	32.02 0.00 -0.24	34.98 0.28 -0.08	27.08 0.37 -0.05	24.37 0.36 -0.02	21.75 0.38 0.00	18.86 -0.15 0.00
COLONIE_LFGE__ 323577	17.63 0.67 -0.71	16.15 0.67 0.00	15.02 0.61 0.00	14.74 0.61 0.00	15.21 0.63 0.00	16.91 0.72 -0.24	25.60 1.00 -2.82	32.41 1.19 -6.96	26.61 1.18 -1.30	23.06 0.96 -0.76	22.75 0.87 -0.62	21.94 0.83 -0.27	21.03 0.79 -0.51	21.10 0.86 -0.31	21.38 0.88 -0.44	22.42 0.96 -0.70	24.01 1.04 -1.66	31.30 1.22 -5.08	39.03 1.59 -5.66	38.99 1.70 -2.67	29.14 1.33 -1.16	25.45 1.10 -0.35	22.26 0.90 0.00	19.79 0.78 0.00
COOPERNY_115KV_TB1 80082	17.45 0.76 -0.44	16.18 0.70 0.00	15.05 0.63 0.00	14.75 0.62 0.00	15.23 0.64 0.00	16.87 0.77 -0.15	23.90 1.13 -0.98	28.99 1.36 -3.38	24.88 1.33 0.57	20.86 1.15 1.63	20.91 1.13 1.47	21.34 1.08 0.58	19.69 1.05 1.09	20.31 1.06 0.67	20.19 1.06 0.94	20.36 1.10 1.51	20.37 1.17 2.10	29.47 1.37 -3.11	36.99 1.75 -3.46	36.13 1.94 0.43	28.83 1.47 -0.71	25.46 1.25 -0.22	22.47 1.11 0.00	19.88 0.87 0.00
COPENHAGEN_WT_PWR 323753	16.30 0.05 0.00	15.52 0.03 0.00	14.39 -0.03 0.00	14.13 0.00 0.00	14.64 0.06 0.00	16.07 0.11 0.00	22.13 0.35 0.00	25.07 0.70 -0.11	24.67 0.53 -0.01	21.75 0.40 0.00	21.55 0.30 0.00	21.04 0.21 0.00	19.83 0.10 0.00	19.99 0.06 0.00	20.06 0.00 0.00	20.74 -0.02 0.00	21.41 0.11 -0.01	25.45 0.38 -0.08	32.67 0.79 -0.09	35.58 0.94 -0.03	27.34 0.67 -0.02	24.57 0.57 -0.01	21.79 0.43 0.00	19.28 0.27 0.00
CORNELL____ 23752	16.47 0.18 -0.04	15.69 0.20 0.00	14.60 0.19 0.00	14.28 0.16 0.00	14.82 0.23 0.00	16.11 0.14 -0.01	22.37 0.44 -0.15	25.46 0.78 -0.42	24.95 0.77 -0.05	22.15 0.81 0.00	21.85 0.60 0.00	21.32 0.48 0.00	20.15 0.41 0.00	20.31 0.38 0.00	20.39 0.32 0.00	21.05 0.29 0.00	21.72 0.38 -0.03	25.96 0.65 -0.32	33.00 0.86 -0.36	35.71 0.97 -0.12	27.47 0.75 -0.07	24.69 0.67 -0.02	21.96 0.60 0.00	19.29 0.29 0.00
CORONAAV_69_KV_TB1 355595	18.20 1.36 -0.59	16.69 1.21 0.00	15.50 1.08 0.00	15.13 1.00 0.00	15.71 1.12 0.00	17.54 1.39 -0.20	26.51 2.00 -2.73	32.59 2.13 -6.20	28.54 2.58 -1.83	25.44 2.28 -1.81	25.19 2.17 -1.76	23.60 2.13 -0.64	22.98 2.05 -1.19	22.78 2.09 -0.76	23.23 2.11 -1.06	24.60 2.16 -1.67	26.67 2.24 -3.13	31.73 2.57 -4.17	39.69 3.27 -4.64	41.42 3.46 -3.34	30.35 2.75 -0.95	28.13 2.38 -1.76	23.59 2.22 0.00	20.76 1.75 0.00
CORTLAND_115KV_TB3 80093	16.34 0.06 -0.03	15.59 0.11 0.00	14.52 0.10 0.00	14.20 0.07 0.00	14.72 0.13 0.00	16.00 0.03 -0.01	22.12 0.24 -0.11	25.02 0.46 -0.30	24.65 0.48 -0.04	21.88 0.53 0.00	21.62 0.36 0.00	21.11 0.27 0.00	19.97 0.24 0.00	20.13 0.20 0.00	20.20 0.14 0.00	20.87 0.10 0.00	21.51 0.19 -0.02	25.59 0.37 -0.23	32.51 0.48 -0.26	35.26 0.55 -0.09	27.13 0.43 -0.05	24.42 0.41 -0.02	21.75 0.38 0.00	19.16 0.15 0.00

COXSACKIE___GT 23611	17.78 0.86 -0.67	16.34 0.85 0.00	15.22 0.81 0.00	14.93 0.80 0.00	15.40 0.82 0.00	16.95 0.77 -0.23	25.56 1.07 -2.71	32.30 1.46 -6.59	26.83 1.37 -1.33	23.19 0.96 -0.88	23.08 1.04 -0.79	21.96 0.81 -0.31	21.11 0.79 -0.59	21.17 0.88 -0.36	21.52 0.94 -0.51	22.58 1.00 -0.82	24.32 1.21 -1.81	31.25 1.50 -4.76	39.21 2.13 -5.30	39.51 2.22 -2.67	29.31 1.57 -1.08	25.62 1.29 -0.33	22.35 0.98 0.00	19.98 0.97 0.00
CPV_VALLEY___CC1 323721	17.62 0.89 -0.48	16.29 0.80 0.00	15.14 0.72 0.00	14.85 0.72 0.00	15.31 0.73 0.00	17.00 0.88 -0.16	24.19 1.28 -1.12	29.59 1.55 -3.78	25.07 1.52 0.57	20.95 1.32 1.72	21.02 1.30 1.54	21.48 1.25 0.61	19.79 1.20 1.14	20.46 1.24 0.71	20.32 1.24 0.99	20.46 1.29 1.59	20.44 1.34 2.20	30.01 1.58 -3.45	37.62 2.00 -3.84	36.45 2.22 0.38	29.12 1.68 -0.78	25.67 1.44 -0.24	22.65 1.28 0.00	20.02 1.01 0.00
CPV_VALLEY___CC2 323722	17.62 0.89 -0.48	16.29 0.80 0.00	15.14 0.72 0.00	14.85 0.72 0.00	15.31 0.73 0.00	17.00 0.88 -0.16	24.19 1.28 -1.12	29.59 1.55 -3.78	25.07 1.52 0.57	20.95 1.32 1.72	21.02 1.30 1.54	21.48 1.25 0.61	19.79 1.20 1.14	20.46 1.24 0.71	20.32 1.24 0.99	20.46 1.29 1.59	20.44 1.34 2.20	30.01 1.58 -3.45	37.62 2.00 -3.84	36.45 2.22 0.38	29.12 1.68 -0.78	25.67 1.44 -0.24	22.65 1.28 0.00	20.02 1.01 0.00
CRESCENT___HYD 24018	17.63 0.67 -0.71	16.15 0.67 0.00	15.02 0.61 0.00	14.74 0.61 0.00	15.21 0.63 0.00	16.91 0.72 -0.24	25.60 1.00 -2.82	32.41 1.19 -6.96	26.61 1.18 -1.30	23.06 0.96 -0.76	22.75 0.87 -0.62	21.94 0.83 -0.27	21.03 0.79 -0.51	21.10 0.86 -0.31	21.38 0.88 -0.44	22.42 0.96 -0.70	24.01 1.04 -1.66	31.30 1.22 -5.08	39.03 1.59 -5.66	38.99 1.70 -2.67	29.14 1.33 -1.16	25.45 1.10 -0.35	22.26 0.90 0.00	19.79 0.78 0.00
CRICKET___VALLEY_CC1 323756	17.70 0.83 -0.62	16.27 0.79 0.00	15.12 0.71 0.00	14.83 0.71 0.00	15.30 0.71 0.00	17.06 0.89 -0.21	25.69 1.20 -2.71	32.09 1.46 -6.37	27.20 1.47 -1.60	23.93 1.22 -1.37	22.61 1.17 -0.19	22.47 1.15 -0.49	21.77 1.12 -0.91	21.69 1.20 -0.57	22.06 1.20 -0.79	23.32 1.29 -1.27	25.12 1.32 -2.50	31.00 1.58 -4.44	38.69 1.97 -4.94	39.83 2.18 -3.03	29.34 1.68 -1.01	25.69 1.39 -0.31	22.60 1.24 0.00	19.94 0.93 0.00
CRICKET___VALLEY_CC2 323757	17.70 0.83 -0.62	16.27 0.79 0.00	15.12 0.71 0.00	14.83 0.71 0.00	15.30 0.71 0.00	17.06 0.89 -0.21	25.69 1.20 -2.71	32.09 1.46 -6.37	27.20 1.47 -1.60	23.93 1.22 -1.37	22.61 1.17 -0.19	22.47 1.15 -0.49	21.77 1.12 -0.91	21.69 1.20 -0.57	22.06 1.20 -0.79	23.32 1.29 -1.27	25.12 1.32 -2.50	31.00 1.58 -4.44	38.69 1.97 -4.94	39.83 2.18 -3.03	29.34 1.68 -1.01	25.69 1.39 -0.31	22.60 1.24 0.00	19.94 0.93 0.00
CRICKET___VALLEY_CC3 323758	17.70 0.83 -0.62	16.27 0.79 0.00	15.12 0.71 0.00	14.83 0.71 0.00	15.30 0.71 0.00	17.06 0.89 -0.21	25.69 1.20 -2.71	32.09 1.46 -6.37	27.20 1.47 -1.60	23.93 1.22 -1.37	22.61 1.17 -0.19	22.47 1.15 -0.49	21.77 1.12 -0.91	21.69 1.20 -0.57	22.06 1.20 -0.79	23.32 1.29 -1.27	25.12 1.32 -2.50	31.00 1.58 -4.44	38.69 1.97 -4.94	39.83 2.18 -3.03	29.34 1.68 -1.01	25.69 1.39 -0.31	22.60 1.24 0.00	19.94 0.93 0.00
CRUCIBLE_METL_DRP 24180	16.28 0.02 -0.02	15.52 0.03 0.00	14.45 0.03 0.00	14.11 -0.01 0.00	14.63 0.04 0.00	15.93 -0.03 -0.01	21.95 0.11 -0.06	25.04 0.61 -0.17	24.80 0.65 -0.02	22.03 0.68 0.00	21.81 0.55 0.00	21.27 0.44 0.00	20.13 0.39 0.00	20.29 0.36 0.00	20.36 0.30 0.00	21.01 0.25 0.00	21.57 0.26 -0.01	25.57 0.45 -0.13	32.56 0.64 -0.15	35.36 0.69 -0.05	27.19 0.51 -0.03	24.48 0.48 -0.01	21.81 0.45 0.00	19.26 0.25 0.00
DAHOWA___HYDRO 323763	17.99 1.02 -0.72	16.48 0.99 0.00	15.33 0.91 0.00	15.02 0.89 0.00	15.52 0.93 0.00	17.23 1.04 -0.24	26.14 1.52 -2.84	33.03 1.77 -7.01	27.16 1.74 -1.29	23.57 1.49 -0.74	23.21 1.34 -0.62	22.39 1.29 -0.26	21.35 1.12 -0.49	21.41 1.18 -0.30	21.69 1.20 -0.42	22.75 1.31 -0.68	24.30 1.36 -1.63	31.74 1.62 -5.12	39.68 2.19 -5.70	39.67 2.39 -2.67	29.74 1.92 -1.16	25.93 1.58 -0.36	22.67 1.30 0.00	20.24 1.23 0.00
DANC___LFGE 323619	16.28 0.02 -0.01	15.50 0.02 0.00	14.40 -0.01 0.00	14.11 -0.01 0.00	14.63 0.04 0.00	15.99 0.03 0.00	22.04 0.22 -0.04	24.91 0.53 -0.12	24.55 0.41 -0.01	21.70 0.36 0.00	21.51 0.26 0.00	21.02 0.19 0.00	19.83 0.10 0.00	19.99 0.06 0.00	20.06 0.00 0.00	20.74 -0.02 0.00	21.37 0.06 -0.01	25.36 0.28 -0.09	32.46 0.57 -0.10	35.31 0.66 -0.04	27.18 0.51 -0.02	24.48 0.48 -0.01	21.70 0.34 0.00	19.20 0.19 0.00
DANSKAMMER___1 23586	17.98 1.15 -0.58	16.54 1.05 0.00	15.37 0.95 0.00	15.08 0.95 0.00	15.53 0.95 0.00	17.24 1.09 -0.20	26.08 1.59 -2.71	32.31 1.89 -6.16	27.80 1.86 -1.82	24.68 1.56 -1.78	24.53 1.57 -1.71	22.97 1.50 -0.63	22.38 1.46 -1.19	22.16 1.50 -0.73	22.59 1.51 -1.03	23.95 1.54 -1.65	26.00 1.62 -3.08	31.05 1.92 -4.14	38.90 2.51 -4.61	40.74 2.80 -3.32	29.65 2.05 -0.94	26.03 1.75 -0.29	22.94 1.58 0.00	20.24 1.23 0.00
DANSKAMMER___2 23589	17.98 1.15 -0.58	16.54 1.05 0.00	15.37 0.95 0.00	15.08 0.95 0.00	15.53 0.95 0.00	17.24 1.09 -0.20	26.08 1.59 -2.71	32.31 1.89 -6.16	27.80 1.86 -1.82	24.68 1.56 -1.78	24.53 1.57 -1.71	22.97 1.50 -0.63	22.38 1.46 -1.19	22.16 1.50 -0.73	22.59 1.51 -1.03	23.95 1.54 -1.65	26.00 1.62 -3.08	31.05 1.92 -4.14	38.90 2.51 -4.61	40.74 2.80 -3.32	29.65 2.05 -0.94	26.03 1.75 -0.29	22.94 1.58 0.00	20.24 1.23 0.00
DANSKAMMER___3 23590	17.98 1.15 -0.58	16.54 1.05 0.00	15.37 0.95 0.00	15.08 0.95 0.00	15.53 0.95 0.00	17.24 1.09 -0.20	26.08 1.59 -2.71	32.31 1.89 -6.16	27.80 1.86 -1.82	24.68 1.56 -1.78	24.53 1.57 -1.71	22.97 1.50 -0.63	22.38 1.46 -1.19	22.16 1.50 -0.73	22.59 1.51 -1.03	23.95 1.54 -1.65	26.00 1.62 -3.08	31.05 1.92 -4.14	38.90 2.51 -4.61	40.74 2.80 -3.32	29.65 2.05 -0.94	26.03 1.75 -0.29	22.94 1.58 0.00	20.24 1.23 0.00
DANSKAMMER___4 23591	17.98 1.15 -0.58	16.54 1.05 0.00	15.37 0.95 0.00	15.08 0.95 0.00	15.53 0.95 0.00	17.24 1.09 -0.20	26.08 1.59 -2.71	32.31 1.89 -6.16	27.80 1.86 -1.82	24.68 1.56 -1.78	24.53 1.57 -1.71	22.97 1.50 -0.63	22.38 1.46 -1.19	22.16 1.50 -0.73	22.59 1.51 -1.03	23.95 1.54 -1.65	26.00 1.62 -3.08	31.05 1.92 -4.14	38.90 2.51 -4.61	40.74 2.80 -3.32	29.65 2.05 -0.94	26.03 1.75 -0.29	22.94 1.58 0.00	20.24 1.23 0.00
DANSKAMMER___DIESEL 23592	17.98 1.15 -0.58	16.54 1.05 0.00	15.38 0.97 0.00	15.08 0.95 0.00	15.53 0.95 0.00	17.24 1.08 -0.20	26.08 1.59 -2.71	32.31 1.89 -6.16	27.80 1.86 -1.82	24.68 1.56 -1.78	24.53 1.57 -1.71	22.97 1.50 -0.63	22.38 1.46 -1.19	22.16 1.49 -0.73	22.59 1.50 -1.03	23.95 1.54 -1.65	26.00 1.62 -3.08	31.05 1.92 -4.14	38.90 2.51 -4.61	40.74 2.80 -3.32	29.65 2.05 -0.94	26.03 1.75 -0.29	22.92 1.56 0.00	20.26 1.25 0.00

DARBY___SOLAR 323810	17.93 0.96 -0.72	16.41 0.93 0.00	15.27 0.85 0.00	14.96 0.83 0.00	15.46 0.88 0.00	17.17 0.97 -0.24	26.03 1.41 -2.83	32.93 1.67 -7.00	27.06 1.64 -1.29	23.47 1.39 -0.74	23.13 1.25 -0.62	22.33 1.23 -0.26	21.31 1.08 -0.49	21.37 1.14 -0.31	21.65 1.16 -0.43	22.71 1.27 -0.68	24.26 1.32 -1.64	31.66 1.55 -5.12	39.58 2.10 -5.70	39.53 2.25 -2.67	29.60 1.79 -1.16	25.84 1.49 -0.35	22.58 1.22 0.00	20.15 1.14 0.00
DASHVILLE___HYD 23610	17.84 0.99 -0.60	16.40 0.91 0.00	15.24 0.82 0.00	14.93 0.81 0.00	15.40 0.82 0.00	17.08 0.93 -0.20	25.76 1.44 -2.54	31.85 1.53 -6.06	26.99 1.47 -1.39	23.65 1.22 -1.09	23.69 1.40 -1.04	22.41 1.19 -0.39	21.62 1.16 -0.73	21.58 1.20 -0.45	21.90 1.20 -0.63	23.00 1.23 -1.01	24.69 1.32 -2.07	30.85 1.57 -4.29	38.59 2.03 -4.78	39.57 2.25 -2.70	29.28 1.65 -0.98	25.71 1.42 -0.30	22.69 1.32 0.00	20.06 1.05 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	21.07 1.90 -2.92	17.39 1.78 -0.12	16.13 1.59 -0.12	15.67 1.50 -0.04	16.36 1.65 -0.12	20.82 1.93 -2.93	27.62 2.77 -3.07	36.29 3.20 -8.83	35.11 3.86 -7.12	38.43 3.37 -13.71	40.82 3.21 -16.36	28.48 3.15 -4.50	27.98 3.04 -5.21	28.56 3.13 -5.50	32.72 3.13 -9.53	37.25 3.24 -13.25	37.66 3.43 -12.93	38.61 3.92 -9.70	45.55 4.86 -8.91	43.87 5.23 -4.02	44.06 4.16 -13.25	35.95 3.67 -8.28	28.35 3.03 -3.95	21.62 2.49 -0.12
DELAWARE___LFGE 323621	17.27 0.73 -0.29	16.18 0.70 0.00	15.04 0.62 0.00	14.75 0.62 0.00	15.23 0.64 0.00	16.82 0.77 -0.10	23.86 1.13 -0.95	28.19 1.33 -2.60	25.59 1.30 -0.16	22.20 1.11 0.25	22.06 1.04 0.23	21.75 1.00 0.09	20.51 0.95 0.17	20.78 0.96 0.10	20.86 0.94 0.15	21.53 1.00 0.23	22.20 1.06 0.16	28.36 1.30 -2.07	35.70 1.62 -2.30	36.92 1.77 -0.53	28.54 1.41 -0.47	25.34 1.20 -0.14	22.41 1.05 0.00	19.83 0.82 0.00
DERFIELD_115KV_TB7 355931	16.30 0.05 0.00	15.53 0.05 0.00	14.46 0.04 0.00	14.17 0.04 0.00	14.63 0.04 0.00	16.02 0.06 0.00	21.89 0.11 0.00	24.36 0.10 0.00	24.20 0.07 0.00	21.41 0.06 0.00	21.28 0.02 0.00	20.86 0.02 0.00	19.75 0.02 0.00	19.97 0.04 0.00	20.10 0.04 0.00	20.80 0.04 0.00	21.36 0.06 0.00	25.09 0.10 0.00	31.91 0.13 0.00	34.76 0.14 0.00	26.79 0.13 0.00	24.11 0.12 0.00	21.47 0.11 0.00	19.07 0.06 0.00
DOGLEVILLE___HYD 23807	16.64 0.39 0.00	15.86 0.37 0.00	14.73 0.32 0.00	14.45 0.33 0.00	14.94 0.35 0.00	16.37 0.41 0.00	22.43 0.65 0.00	24.84 0.58 0.00	24.71 0.58 0.00	21.85 0.51 0.00	21.70 0.45 0.00	21.25 0.42 0.00	20.13 0.39 0.00	20.35 0.42 0.00	20.53 0.46 0.00	21.26 0.50 0.00	21.89 0.60 0.00	25.76 0.78 0.00	32.77 0.99 0.00	35.69 1.07 0.00	27.45 0.80 0.00	24.71 0.72 0.00	22.09 0.73 0.00	19.58 0.57 0.00
DUNKIRK___115KV_TB_200 55889	15.71 -0.57 -0.03	15.21 -0.28 0.00	14.27 -0.14 0.00	13.92 -0.21 0.00	14.53 -0.06 0.00	15.34 -0.62 -0.01	21.25 -0.63 -0.10	23.85 -0.68 -0.28	23.73 -0.43 -0.03	21.41 0.06 0.00	21.06 -0.19 0.00	20.65 -0.19 0.00	19.61 -0.12 0.00	19.71 -0.22 0.00	19.74 -0.32 0.00	20.24 -0.52 0.00	20.94 -0.38 -0.02	24.92 -0.27 -0.21	31.28 -0.73 -0.23	34.11 -0.59 -0.08	26.43 -0.27 -0.05	23.86 -0.14 -0.01	21.34 -0.02 0.00	18.46 -0.55 0.00
DUNKIRK___1 23563	15.71 -0.57 -0.03	15.21 -0.28 0.00	14.27 -0.14 0.00	13.92 -0.21 0.00	14.53 -0.06 0.00	15.34 -0.62 -0.01	21.25 -0.63 -0.10	23.85 -0.68 -0.28	23.73 -0.43 -0.03	21.41 0.06 0.00	21.06 -0.19 0.00	20.65 -0.19 0.00	19.61 -0.12 0.00	19.71 -0.22 0.00	19.74 -0.32 0.00	20.24 -0.52 0.00	20.94 -0.38 -0.02	24.92 -0.27 -0.21	31.28 -0.73 -0.23	34.11 -0.59 -0.08	26.43 -0.27 -0.05	23.86 -0.14 -0.01	21.34 -0.02 0.00	18.46 -0.55 0.00
DUNKIRK___2 23564	15.71 -0.57 -0.03	15.21 -0.28 0.00	14.27 -0.14 0.00	13.92 -0.21 0.00	14.53 -0.06 0.00	15.34 -0.62 -0.01	21.25 -0.63 -0.10	23.85 -0.68 -0.28	23.73 -0.43 -0.03	21.41 0.06 0.00	21.06 -0.19 0.00	20.65 -0.19 0.00	19.61 -0.12 0.00	19.71 -0.22 0.00	19.74 -0.32 0.00	20.24 -0.52 0.00	20.94 -0.38 -0.02	24.92 -0.27 -0.21	31.28 -0.73 -0.23	34.11 -0.59 -0.08	26.43 -0.27 -0.05	23.86 -0.14 -0.01	21.34 -0.02 0.00	18.46 -0.55 0.00
DUNKIRK___3 23565	15.72 -0.55 -0.03	15.22 -0.26 0.00	14.27 -0.14 0.00	13.92 -0.21 0.00	14.51 -0.07 0.00	15.34 -0.62 -0.01	21.25 -0.63 -0.10	23.85 -0.68 -0.28	23.73 -0.43 -0.03	21.38 0.04 0.00	21.06 -0.19 0.00	20.63 -0.21 0.00	19.59 -0.14 0.00	19.71 -0.22 0.00	19.72 -0.34 0.00	20.24 -0.52 0.00	20.94 -0.38 -0.02	24.93 -0.27 -0.21	31.28 -0.73 -0.23	34.07 -0.62 -0.08	26.38 -0.32 -0.05	23.82 -0.19 -0.01	21.30 -0.06 0.00	18.44 -0.57 0.00
DUNKIRK___4 23566	15.69 -0.58 -0.03	15.21 -0.28 0.00	14.26 -0.16 0.00	13.90 -0.23 0.00	14.51 -0.07 0.00	15.33 -0.64 -0.01	21.22 -0.65 -0.10	23.80 -0.73 -0.27	23.68 -0.48 -0.03	21.36 0.02 0.00	21.02 -0.23 0.00	20.61 -0.23 0.00	19.59 -0.14 0.00	19.69 -0.24 0.00	19.72 -0.34 0.00	20.22 -0.54 0.00	20.92 -0.40 -0.02	24.90 -0.30 -0.21	31.22 -0.79 -0.23	34.04 -0.66 -0.08	26.35 -0.35 -0.05	23.79 -0.22 -0.01	21.30 -0.06 0.00	18.44 -0.57 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	17.99 1.15 -0.59	16.52 1.04 0.00	15.37 0.95 0.00	15.06 0.93 0.00	15.53 0.95 0.00	17.32 1.16 -0.20	26.25 1.74 -2.73	32.52 2.06 -6.20	28.01 2.05 -1.83	24.95 1.81 -1.80	24.74 1.74 -1.74	23.18 1.71 -0.64	22.57 1.64 -1.20	22.34 1.67 -0.74	22.78 1.69 -1.03	24.17 1.74 -1.66	26.22 1.81 -3.11	31.25 2.10 -4.17	39.06 2.64 -4.64	40.87 2.91 -3.34	29.81 2.21 -0.95	26.20 1.92 -0.29	23.07 1.71 0.00	20.36 1.35 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	17.84 1.04 -0.55	16.44 0.96 0.00	15.28 0.86 0.00	14.98 0.85 0.00	15.45 0.86 0.00	17.15 1.01 -0.19	25.99 1.48 -2.73	32.04 1.75 -6.04	27.87 1.74 -2.00	24.93 1.47 -2.12	24.73 1.47 -2.01	23.00 1.42 -0.75	22.50 1.36 -1.41	22.20 1.40 -0.87	22.69 1.40 -1.22	24.15 1.43 -1.96	26.37 1.51 -3.56	30.73 1.80 -3.94	38.49 2.32 -4.39	40.75 2.56 -3.57	29.47 1.92 -0.90	25.90 1.63 -0.27	22.82 1.45 0.00	20.17 1.16 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	18.02 1.19 -0.59	16.55 1.07 0.00	15.40 0.98 0.00	15.09 0.96 0.00	15.55 0.96 0.00	17.35 1.20 -0.20	26.32 1.83 -2.71	32.63 2.18 -6.19	28.10 2.15 -1.82	25.03 1.90 -1.79	24.84 1.85 -1.73	23.26 1.79 -0.63	22.64 1.72 -1.19	22.42 1.75 -0.73	22.85 1.77 -1.02	24.22 1.81 -1.65	26.29 1.90 -3.10	31.32 2.17 -4.16	39.07 2.67 -4.62	40.90 2.94 -3.34	29.85 2.27 -0.93	26.23 1.97 -0.27	23.12 1.77 0.02	20.40 1.41 0.02
E179THST_13_KV_LOAD 356214	18.08 1.25 -0.59	16.60 1.11 0.00	15.44 1.02 0.00	15.13 1.00 0.00	15.59 1.01 0.00	17.40 1.24 -0.20	26.41 1.92 -2.71	32.73 2.28 -6.19	28.19 2.24 -1.82	25.11 1.98 -1.79	24.92 1.93 -1.73	23.34 1.88 -0.63	22.72 1.80 -1.19	22.49 1.83 -0.73	22.93 1.85 -1.02	24.30 1.89 -1.65	26.38 1.98 -3.10	31.42 2.27 -4.16	39.23 2.83 -4.62	41.04 3.08 -3.34	29.96 2.37 -0.93	26.33 2.06 -0.27	23.21 1.86 0.02	20.46 1.46 0.02

EAST HAMPTON___GT 23717	21.30 2.13 -2.92	17.54 1.94 -0.12	16.27 1.73 -0.12	15.86 1.69 -0.04	16.50 1.79 -0.12	20.98 2.09 -2.93	27.86 3.01 -3.07	36.65 3.57 -8.82	35.41 4.15 -7.13	38.79 3.73 -13.71	41.12 3.51 -16.36	28.77 3.44 -4.50	28.24 3.30 -5.21	28.76 3.33 -5.50	32.98 3.39 -9.52	37.52 3.51 -13.24	37.93 3.71 -12.93	38.91 4.22 -9.70	46.00 5.31 -8.91	44.39 5.75 -4.02	44.46 4.56 -13.25	36.28 4.01 -8.28	28.60 3.29 -3.95	21.83 2.70 -0.12
EAST RIVER___6 23660	18.02 1.19 -0.59	16.55 1.07 0.00	15.40 0.98 0.00	15.09 0.96 0.00	15.55 0.96 0.00	17.35 1.20 -0.20	26.36 1.85 -2.73	32.71 2.26 -6.20	28.15 2.20 -1.83	25.10 1.96 -1.80	24.91 1.91 -1.74	23.33 1.85 -0.64	22.70 1.78 -1.20	22.46 1.79 -0.74	22.90 1.81 -1.03	24.27 1.85 -1.66	26.36 1.96 -3.11	31.40 2.25 -4.17	39.15 2.73 -4.64	41.01 3.05 -3.34	29.89 2.29 -0.95	26.27 1.99 -0.29	23.14 1.77 0.00	20.40 1.39 0.00
EAST RIVER___7 23524	18.02 1.19 -0.59	16.55 1.07 0.00	15.40 0.98 0.00	15.09 0.96 0.00	15.55 0.96 0.00	17.35 1.20 -0.20	26.36 1.85 -2.73	32.71 2.26 -6.20	28.15 2.20 -1.83	25.10 1.96 -1.80	24.91 1.91 -1.74	23.33 1.85 -0.64	22.70 1.78 -1.20	22.46 1.79 -0.74	22.90 1.81 -1.03	24.27 1.85 -1.66	26.36 1.96 -3.11	31.40 2.25 -4.17	39.15 2.73 -4.64	41.01 3.05 -3.34	29.89 2.29 -0.95	26.27 1.99 -0.29	23.14 1.77 0.00	20.40 1.39 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	17.95 1.12 -0.58	16.49 1.01 0.00	15.34 0.92 0.00	15.03 0.90 0.00	15.50 0.92 0.00	17.28 1.13 -0.20	26.19 1.68 -2.73	32.46 2.01 -6.19	27.95 1.98 -1.85	24.92 1.75 -1.83	24.72 1.70 -1.77	23.13 1.65 -0.65	22.55 1.60 -1.22	22.32 1.63 -0.75	22.76 1.65 -1.05	24.16 1.70 -1.69	26.20 1.75 -3.15	31.18 2.05 -4.15	38.97 2.57 -4.62	40.82 2.84 -3.37	29.75 2.16 -0.94	26.13 1.85 -0.29	23.03 1.67 0.00	20.32 1.31 0.00
EAST_HAMPTON___DIESEL 23722	21.31 2.14 -2.92	17.54 1.94 -0.12	16.27 1.73 -0.12	15.86 1.69 -0.04	16.50 1.79 -0.12	20.99 2.11 -2.93	27.86 3.01 -3.07	36.67 3.59 -8.82	35.43 4.17 -7.13	38.81 3.76 -13.71	41.14 3.53 -16.36	28.77 3.44 -4.50	28.26 3.31 -5.21	28.78 3.35 -5.50	33.00 3.41 -9.52	37.52 3.51 -13.24	37.93 3.71 -12.93	38.93 4.25 -9.70	46.03 5.34 -8.91	44.39 5.75 -4.02	44.49 4.59 -13.25	36.31 4.03 -8.28	28.60 3.29 -3.95	21.83 2.70 -0.12
EAST_PULASKI___ESR 323781	16.34 0.08 -0.01	15.58 0.09 0.00	14.47 0.06 0.00	14.17 0.04 0.00	14.69 0.10 0.00	16.02 0.06 0.00	22.09 0.26 -0.05	24.93 0.53 -0.14	24.65 0.51 -0.02	21.83 0.49 0.00	21.64 0.38 0.00	21.15 0.31 0.00	19.99 0.26 0.00	20.15 0.22 0.00	20.22 0.16 0.00	20.87 0.10 0.00	21.48 0.17 -0.01	25.44 0.35 -0.10	32.50 0.60 -0.12	35.35 0.69 -0.04	27.21 0.53 -0.02	24.50 0.50 -0.01	21.77 0.41 0.00	19.24 0.23 0.00
EAST_RIVER___1 323558	18.05 1.22 -0.59	16.57 1.08 0.00	15.41 0.99 0.00	15.10 0.97 0.00	15.56 0.98 0.00	17.36 1.21 -0.20	26.38 1.87 -2.73	32.71 2.26 -6.20	28.15 2.20 -1.83	25.08 1.94 -1.80	24.91 1.91 -1.74	23.33 1.85 -0.64	22.68 1.76 -1.20	22.46 1.79 -0.74	22.88 1.79 -1.03	24.27 1.85 -1.66	26.34 1.94 -3.11	31.38 2.22 -4.17	39.15 2.73 -4.64	41.01 3.05 -3.34	29.89 2.29 -0.95	26.30 2.02 -0.29	23.18 1.81 0.00	20.44 1.43 0.00
EAST_RIVER___2 323559	18.02 1.19 -0.59	16.55 1.07 0.00	15.40 0.98 0.00	15.09 0.96 0.00	15.55 0.96 0.00	17.35 1.20 -0.20	26.36 1.85 -2.73	32.71 2.26 -6.20	28.15 2.20 -1.83	25.10 1.96 -1.80	24.91 1.91 -1.74	23.33 1.85 -0.64	22.70 1.78 -1.20	22.46 1.79 -0.74	22.90 1.81 -1.03	24.27 1.85 -1.66	26.36 1.96 -3.11	31.40 2.25 -4.17	39.15 2.73 -4.64	41.01 3.05 -3.34	29.89 2.29 -0.95	26.27 1.99 -0.29	23.14 1.77 0.00	20.40 1.39 0.00
EAST___DELAWARE_HYD 23607	17.96 1.19 -0.52	16.57 1.08 0.00	15.38 0.97 0.00	15.09 0.96 0.00	15.56 0.98 0.00	17.22 1.09 -0.18	25.24 1.59 -1.87	30.94 1.82 -4.86	26.50 1.79 -0.59	22.84 1.49 0.00	22.78 1.49 -0.04	22.25 1.42 0.00	21.11 1.38 0.00	21.32 1.39 0.00	21.47 1.40 0.00	22.19 1.43 0.00	23.24 1.55 -0.39	30.59 1.88 -3.72	38.37 2.45 -4.14	38.73 2.70 -1.41	29.50 2.00 -0.85	25.96 1.70 -0.26	22.97 1.60 0.00	20.24 1.23 0.00
EIGHT_POINT___WT_PWR 323820	16.09 -0.19 -0.03	15.47 -0.02 0.00	14.47 0.06 0.00	14.09 -0.04 0.00	14.70 0.12 0.00	15.74 -0.22 -0.01	21.92 0.02 -0.12	24.74 0.15 -0.33	24.51 0.34 -0.04	21.94 0.60 0.00	21.55 0.30 0.00	21.02 0.19 0.00	19.91 0.18 0.00	19.99 0.06 0.00	20.02 -0.04 0.00	20.68 -0.08 0.00	21.41 0.09 -0.03	25.64 0.40 -0.25	32.38 0.32 -0.28	35.20 0.48 -0.10	27.16 0.45 -0.06	24.47 0.45 -0.02	21.77 0.40 0.00	18.97 -0.04 0.00
ELBRIDGE_115KV_TB2 80188	16.12 -0.15 -0.02	15.38 -0.11 0.00	14.33 -0.09 0.00	14.00 -0.13 0.00	14.50 -0.09 0.00	15.77 -0.19 -0.01	21.71 -0.13 -0.06	25.20 0.75 -0.19	24.95 0.80 -0.02	22.20 0.85 0.00	21.93 0.68 0.00	21.40 0.56 0.00	20.23 0.49 0.00	20.39 0.46 0.00	20.43 0.36 0.00	21.10 0.33 0.00	21.61 0.30 -0.02	25.63 0.50 -0.15	32.64 0.70 -0.16	35.47 0.80 -0.06	27.27 0.59 -0.03	24.56 0.55 -0.01	21.85 0.49 0.00	19.24 0.23 0.00
ELEC_TRO_TEK 24086	18.12 1.28 -0.59	16.63 1.15 0.00	15.43 1.01 0.00	15.08 0.95 0.00	15.64 1.05 0.00	17.46 1.31 -0.20	26.42 1.92 -2.73	32.50 2.04 -6.20	28.45 2.49 -1.83	25.37 2.20 -1.83	25.14 2.10 -1.78	23.52 2.04 -0.64	22.90 1.97 -1.20	22.71 2.01 -0.76	23.16 2.03 -1.07	24.55 2.10 -1.69	26.60 2.15 -3.15	31.63 2.47 -4.17	39.50 3.08 -4.64	41.25 3.29 -3.34	30.21 2.61 -0.95	28.04 2.28 -1.76	23.46 2.09 -0.01	20.66 1.65 0.00
ELLENBURG_WT_PWR 323604	15.86 -0.39 0.00	15.05 -0.43 0.00	14.01 -0.40 0.00	13.79 -0.34 0.00	14.19 -0.39 0.00	15.60 -0.35 0.00	21.30 -0.48 0.00	23.92 -0.34 0.00	23.89 -0.24 0.00	21.15 -0.19 0.00	21.21 -0.04 0.00	20.75 -0.08 0.00	19.57 -0.16 0.00	19.77 -0.16 0.00	20.02 -0.04 0.00	20.70 -0.06 0.00	21.30 0.00 0.00	24.99 0.00 0.00	31.75 -0.03 0.00	34.51 -0.10 0.00	26.41 -0.24 0.00	23.63 -0.36 0.00	20.96 -0.41 0.00	18.78 -0.23 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	15.56 -0.71 -0.03	15.08 -0.40 0.00	14.16 -0.26 0.00	13.80 -0.32 0.00	14.38 -0.20 0.00	15.18 -0.78 -0.01	20.96 -0.91 -0.09	23.48 -1.04 -0.26	23.36 -0.80 -0.03	21.11 -0.23 0.00	20.79 -0.47 0.00	20.36 -0.48 0.00	19.36 -0.37 0.00	19.47 -0.46 0.00	19.50 -0.56 0.00	19.99 -0.77 0.00	20.66 -0.66 -0.02	24.54 -0.65 -0.20	30.76 -1.24 -0.22	33.48 -1.21 -0.08	25.95 -0.75 -0.05	23.46 -0.55 -0.01	21.04 -0.32 0.00	18.21 -0.80 0.00
EMPIRE_CC_1 323656	17.42 0.49 -0.69	15.98 0.50 0.00	14.88 0.46 0.00	14.59 0.47 0.00	15.07 0.48 0.00	16.76 0.57 -0.23	25.22 0.68 -2.77	31.81 0.80 -6.75	26.33 0.84 -1.35	22.83 0.60 -0.90	22.45 0.51 -0.68	21.63 0.48 -0.32	20.82 0.49 -0.60	20.84 0.54 -0.37	21.20 0.62 -0.51	22.27 0.68 -0.83	23.88 0.75 -1.84	30.74 0.87 -4.88	38.29 1.08 -5.43	38.52 1.18 -2.73	28.69 0.93 -1.11	25.08 0.74 -0.34	21.98 0.62 0.00	19.50 0.49 0.00

EMPIRE_CC_2 323658	17.42 0.49 -0.69	15.98 0.50 0.00	14.88 0.46 0.00	14.59 0.47 0.00	15.07 0.48 0.00	16.76 0.57 -0.23	25.22 0.68 -2.77	31.81 0.80 -6.75	26.33 0.84 -1.35	22.83 0.60 -0.90	22.45 0.51 -0.68	21.63 0.48 -0.32	20.82 0.49 -0.60	20.84 0.54 -0.37	21.20 0.62 -0.51	22.27 0.68 -0.83	23.88 0.75 -1.84	30.74 0.87 -4.88	38.29 1.08 -5.43	38.52 1.18 -2.73	28.69 0.93 -1.11	25.08 0.74 -0.34	21.98 0.62 0.00	19.50 0.49 0.00
ENORWICH_115KV_TB1 80156	17.24 0.88 -0.12	16.34 0.85 0.00	15.12 0.71 0.00	14.86 0.73 0.00	15.45 0.86 0.00	16.95 0.96 -0.04	23.83 1.63 -0.41	27.47 2.11 -1.10	26.19 1.93 -0.13	23.07 1.73 0.00	22.74 1.49 0.00	22.09 1.25 0.00	20.82 1.09 0.00	20.99 1.06 0.00	21.05 0.98 0.00	21.80 1.04 0.00	22.64 1.26 -0.09	27.68 1.85 -0.84	35.29 2.57 -0.94	37.70 2.77 -0.32	29.00 2.16 -0.19	25.92 1.87 -0.06	22.99 1.62 0.00	20.09 1.08 0.00
ERIE_ST__34_KV_TB1-2 80199	15.88 -0.39 -0.03	15.38 -0.11 0.00	14.42 0.00 0.00	14.06 -0.07 0.00	14.66 0.07 0.00	15.49 -0.48 -0.01	21.46 -0.41 -0.10	23.97 -0.56 -0.27	23.87 -0.29 -0.03	21.53 0.19 0.00	21.19 -0.06 0.00	20.77 -0.06 0.00	19.75 0.02 0.00	19.87 -0.06 0.00	19.90 -0.16 0.00	20.41 -0.35 0.00	21.11 -0.21 -0.02	25.12 -0.07 -0.20	31.50 -0.51 -0.23	34.28 -0.42 -0.08	26.54 -0.16 -0.05	23.96 -0.05 -0.01	21.45 0.09 0.00	18.63 -0.38 0.00
ERIE_WT_PWR 323693	15.69 -0.58 -0.03	15.21 -0.28 0.00	14.27 -0.14 0.00	13.90 -0.23 0.00	14.50 -0.09 0.00	15.31 -0.65 -0.01	21.18 -0.70 -0.10	23.67 -0.85 -0.27	23.58 -0.58 -0.03	21.30 -0.04 0.00	20.96 -0.30 0.00	20.54 -0.29 0.00	19.54 -0.20 0.00	19.57 -0.36 0.00	19.60 -0.46 0.00	20.16 -0.60 0.00	20.83 -0.49 -0.02	24.79 -0.40 -0.20	31.05 -0.95 -0.23	33.83 -0.86 -0.08	26.19 -0.51 -0.05	23.77 -0.24 -0.01	21.24 -0.13 0.00	18.44 -0.57 0.00
ESPRGFLD_115KV_TB1 80157	17.45 0.91 -0.30	16.34 0.85 0.00	15.17 0.75 0.00	14.89 0.76 0.00	15.39 0.80 0.00	17.03 0.97 -0.10	24.21 1.46 -0.97	28.64 1.72 -2.66	25.94 1.64 -0.17	22.49 1.41 0.26	22.35 1.34 0.24	22.02 1.27 0.09	20.72 1.16 0.17	21.00 1.18 0.11	21.08 1.16 0.15	21.73 1.20 0.24	22.43 1.30 0.16	28.74 1.62 -2.12	36.24 2.10 -2.36	37.42 2.25 -0.55	28.89 1.76 -0.48	25.63 1.49 -0.15	22.67 1.30 0.00	20.02 1.01 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	16.44 0.15 -0.04	15.67 0.19 0.00	14.59 0.17 0.00	14.26 0.13 0.00	14.80 0.22 0.00	16.10 0.13 -0.01	22.35 0.41 -0.15	25.43 0.75 -0.42	24.90 0.72 -0.05	22.11 0.77 0.00	21.83 0.57 0.00	21.27 0.44 0.00	20.13 0.39 0.00	20.29 0.36 0.00	20.34 0.28 0.00	21.01 0.25 0.00	21.69 0.36 -0.03	25.91 0.60 -0.33	32.94 0.79 -0.36	35.67 0.93 -0.12	27.42 0.69 -0.07	24.64 0.62 -0.02	21.92 0.56 0.00	19.28 0.27 0.00
ETNA_____115KV_TB2 80207	16.44 0.15 -0.04	15.67 0.19 0.00	14.59 0.17 0.00	14.26 0.13 0.00	14.80 0.22 0.00	16.10 0.13 -0.01	22.35 0.41 -0.15	25.43 0.75 -0.42	24.90 0.72 -0.05	22.11 0.77 0.00	21.83 0.57 0.00	21.27 0.44 0.00	20.13 0.39 0.00	20.29 0.36 0.00	20.34 0.28 0.00	21.01 0.25 0.00	21.69 0.36 -0.03	25.91 0.60 -0.33	32.94 0.79 -0.36	35.67 0.93 -0.12	27.42 0.69 -0.07	24.64 0.62 -0.02	21.92 0.56 0.00	19.28 0.27 0.00
EUCLID__115KV_TB2 356179	16.03 -0.23 -0.01	15.30 -0.19 0.00	14.24 -0.17 0.00	13.94 -0.18 0.00	14.43 -0.16 0.00	15.69 -0.27 0.00	21.59 -0.24 -0.05	24.18 -0.22 -0.14	23.93 -0.22 -0.02	21.24 -0.11 0.00	21.06 -0.19 0.00	20.63 -0.21 0.00	19.54 -0.20 0.00	19.69 -0.24 0.00	19.80 -0.26 0.00	20.43 -0.33 0.00	21.01 -0.30 -0.01	24.82 -0.27 -0.11	31.55 -0.35 -0.12	34.28 -0.38 -0.04	26.41 -0.27 -0.03	23.83 -0.17 -0.01	21.24 -0.13 0.00	18.80 -0.21 0.00
E_CANADA_CAP_HY 24051	17.49 0.52 -0.72	15.98 0.50 0.00	14.85 0.43 0.00	14.58 0.45 0.00	15.08 0.50 0.00	16.79 0.59 -0.24	25.69 1.07 -2.85	32.68 1.38 -7.04	26.64 1.23 -1.28	23.02 0.96 -0.72	22.61 0.74 -0.61	21.76 0.67 -0.25	20.78 0.57 -0.48	20.84 0.62 -0.30	21.16 0.68 -0.41	22.26 0.83 -0.66	23.78 0.87 -1.61	31.19 1.05 -5.16	38.95 1.43 -5.74	38.84 1.56 -2.66	29.00 1.17 -1.17	25.31 0.96 -0.36	21.94 0.58 0.00	19.67 0.66 0.00
E_CANADA_MHWK_HY 24050	16.64 0.39 0.00	15.86 0.37 0.00	14.73 0.32 0.00	14.45 0.33 0.00	14.94 0.35 0.00	16.37 0.41 0.00	22.43 0.65 0.00	24.84 0.58 0.00	24.71 0.58 0.00	21.85 0.51 0.00	21.70 0.45 0.00	21.25 0.42 0.00	20.13 0.39 0.00	20.35 0.42 0.00	20.53 0.46 0.00	21.26 0.50 0.00	21.89 0.60 0.00	25.76 0.78 0.00	32.77 0.99 0.00	35.69 1.07 0.00	27.45 0.80 0.00	24.71 0.72 0.00	22.09 0.73 0.00	19.58 0.57 0.00
E_FISHKILL__LBMP 23776	17.85 0.99 -0.61	16.40 0.91 0.00	15.25 0.84 0.00	14.95 0.82 0.00	15.42 0.83 0.00	17.18 1.02 -0.21	25.97 1.48 -2.71	32.35 1.77 -6.32	27.55 1.76 -1.66	24.34 1.52 -1.49	24.18 1.47 -1.46	22.80 1.44 -0.53	22.10 1.38 -0.99	21.98 1.43 -0.61	22.36 1.44 -0.85	23.63 1.49 -1.37	25.52 1.55 -2.67	31.17 1.82 -4.36	38.92 2.29 -4.85	40.29 2.56 -3.11	29.59 1.95 -0.99	25.95 1.66 -0.30	22.84 1.47 0.00	20.17 1.16 0.00
FALCON__SEABRD_CC1 323796	15.96 -0.29 0.00	15.14 -0.34 0.00	14.11 -0.30 0.00	13.89 -0.24 0.00	14.28 -0.31 0.00	15.72 -0.24 0.00	21.47 -0.30 0.00	24.16 -0.10 0.00	24.13 0.00 0.00	21.39 0.04 0.00	21.44 0.19 0.00	20.98 0.15 0.00	19.77 0.04 0.00	19.97 0.04 0.00	20.24 0.18 0.00	20.91 0.15 0.00	21.53 0.23 0.00	25.26 0.28 0.00	32.10 0.32 0.00	34.86 0.24 0.00	26.68 0.03 0.00	23.87 -0.12 0.00	21.15 -0.21 0.00	18.95 -0.06 0.00
FALCON__SEABRD_CC2 323797	15.96 -0.29 0.00	15.14 -0.34 0.00	14.11 -0.30 0.00	13.89 -0.24 0.00	14.28 -0.31 0.00	15.72 -0.24 0.00	21.47 -0.30 0.00	24.16 -0.10 0.00	24.13 0.00 0.00	21.39 0.04 0.00	21.44 0.19 0.00	20.98 0.15 0.00	19.77 0.04 0.00	19.97 0.04 0.00	20.24 0.18 0.00	20.91 0.15 0.00	21.53 0.23 0.00	25.26 0.28 0.00	32.10 0.32 0.00	34.86 0.24 0.00	26.68 0.03 0.00	23.87 -0.12 0.00	21.15 -0.21 0.00	18.95 -0.06 0.00
FAR ROCKAWAY__4 23548	18.31 1.48 -0.59	16.80 1.32 0.00	15.60 1.18 0.00	15.23 1.10 0.00	15.81 1.23 0.00	17.65 1.50 -0.20	26.68 2.18 -2.73	32.74 2.28 -6.20	28.73 2.77 -1.83	25.65 2.50 -1.81	25.38 2.36 -1.76	23.79 2.31 -0.64	23.14 2.21 -1.19	22.96 2.27 -0.76	23.41 2.29 -1.06	24.76 2.33 -1.67	26.84 2.41 -3.13	31.96 2.80 -4.17	39.98 3.56 -4.64	41.73 3.77 -3.34	30.61 3.01 -0.95	28.37 2.62 -1.76	23.76 2.39 0.00	20.91 1.90 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	18.05 1.22 -0.59	16.57 1.08 0.00	15.41 0.99 0.00	15.10 0.97 0.00	15.56 0.98 0.00	17.37 1.21 -0.20	26.38 1.87 -2.73	32.71 2.26 -6.20	28.15 2.20 -1.83	25.10 1.96 -1.80	24.91 1.91 -1.74	23.33 1.85 -0.64	22.68 1.76 -1.20	22.46 1.79 -0.74	22.90 1.81 -1.03	24.29 1.87 -1.66	26.34 1.94 -3.11	31.38 2.22 -4.17	39.15 2.73 -4.64	41.01 3.05 -3.34	29.92 2.32 -0.95	26.30 2.02 -0.29	23.18 1.82 0.00	20.44 1.43 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	18.05 1.22 -0.59	16.58 1.10 0.00	15.41 0.99 0.00	15.12 0.99 0.00	15.56 0.98 0.00	17.37 1.21 -0.20	26.40 1.89 -2.73	32.71 2.26 -6.20	28.15 2.20 -1.83	25.10 1.96 -1.80	24.91 1.91 -1.74	23.33 1.85 -0.64	22.68 1.76 -1.20	22.46 1.79 -0.74	22.90 1.81 -1.03	24.29 1.87 -1.66	26.34 1.94 -3.11	31.38 2.22 -4.17	39.15 2.73 -4.64	41.04 3.08 -3.34	29.92 2.32 -0.95	26.30 2.02 -0.29	23.18 1.82 0.00	20.45 1.44 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	18.04 1.20 -0.59	16.57 1.08 0.00	15.41 0.99 0.00	15.10 0.97 0.00	15.56 0.98 0.00	17.37 1.21 -0.20	26.38 1.87 -2.73	32.69 2.23 -6.20	28.15 2.20 -1.83	25.10 1.96 -1.80	24.89 1.89 -1.74	23.31 1.83 -0.64	22.68 1.76 -1.20	22.46 1.79 -0.74	22.90 1.81 -1.03	24.27 1.85 -1.66	26.34 1.94 -3.11	31.35 2.20 -4.17	39.12 2.70 -4.64	41.01 3.05 -3.34	29.89 2.29 -0.95	26.30 2.02 -0.29	23.16 1.79 0.00	20.44 1.43 0.00
FARRAGUT___LBMP 323566	18.04 1.20 -0.59	16.55 1.07 0.00	15.40 0.98 0.00	15.10 0.97 0.00	15.55 0.96 0.00	17.35 1.20 -0.20	26.36 1.85 -2.73	32.69 2.23 -6.20	28.13 2.17 -1.83	25.08 1.94 -1.80	24.86 1.87 -1.74	23.31 1.83 -0.64	22.66 1.74 -1.20	22.44 1.77 -0.74	22.88 1.79 -1.03	24.25 1.83 -1.66	26.32 1.92 -3.11	31.33 2.17 -4.17	39.09 2.67 -4.64	40.97 3.01 -3.34	29.89 2.29 -0.95	26.27 1.99 -0.29	23.16 1.79 0.00	20.42 1.41 0.00
FENNER___WINDPWR 24204	16.48 0.21 -0.02	15.70 0.22 0.00	14.60 0.19 0.00	14.30 0.17 0.00	14.82 0.23 0.00	16.19 0.22 -0.01	22.31 0.46 -0.07	25.07 0.61 -0.20	24.71 0.56 -0.02	21.88 0.53 0.00	21.66 0.40 0.00	21.15 0.31 0.00	20.01 0.28 0.00	20.17 0.24 0.00	20.26 0.20 0.00	20.95 0.19 0.00	21.59 0.28 -0.02	25.60 0.45 -0.16	32.59 0.64 -0.17	35.37 0.69 -0.06	27.19 0.51 -0.04	24.48 0.48 -0.01	21.81 0.45 0.00	19.30 0.29 0.00
FIBERTEK___ENERGY 23856	16.28 0.02 -0.02	15.52 0.03 0.00	14.45 0.03 0.00	14.11 -0.01 0.00	14.63 0.04 0.00	15.93 -0.03 -0.01	21.95 0.11 -0.06	25.04 0.61 -0.17	24.80 0.65 -0.02	22.03 0.68 0.00	21.81 0.55 0.00	21.27 0.44 0.00	20.13 0.39 0.00	20.29 0.36 0.00	20.36 0.30 0.00	21.01 0.25 0.00	21.57 0.26 -0.01	25.57 0.45 -0.13	32.56 0.64 -0.15	35.36 0.69 -0.05	27.19 0.51 -0.03	24.48 0.48 -0.01	21.81 0.45 0.00	19.26 0.25 0.00
FITZPATRICK____ 23598	15.81 -0.44 0.00	15.08 -0.40 0.00	14.06 -0.36 0.00	13.76 -0.37 0.00	14.21 -0.38 0.00	15.48 -0.48 0.00	21.19 -0.59 0.00	23.48 -0.78 0.00	23.33 -0.80 0.00	20.70 -0.64 0.00	20.55 -0.70 0.00	20.15 -0.69 0.00	19.10 -0.63 0.00	19.27 -0.66 0.00	19.36 -0.70 0.00	20.04 -0.73 0.00	20.57 -0.72 0.00	24.14 -0.85 0.00	30.70 -1.08 0.00	33.44 -1.18 0.00	25.77 -0.88 0.00	23.32 -0.67 0.00	20.79 -0.58 0.00	18.50 -0.51 0.00
FLOWRFLD_69_KV_BK1 356044	21.21 1.58 -3.38	17.06 1.42 -0.15	15.83 1.27 -0.15	15.35 1.17 -0.05	16.06 1.33 -0.15	21.04 1.61 -3.47	27.25 2.33 -3.14	36.21 2.62 -9.33	35.53 3.23 -8.17	40.23 2.82 -16.07	43.18 2.68 -19.25	28.70 2.60 -5.26	28.27 2.53 -6.01	28.98 2.61 -6.44	33.89 2.63 -11.20	39.02 2.72 -15.54	39.00 2.83 -14.87	38.91 3.15 -10.77	45.42 3.91 -9.73	42.92 4.15 -4.15	45.61 3.33 -15.63	36.54 2.98 -9.58	28.68 2.58 -4.73	21.21 2.05 -0.15
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	18.00 1.17 -0.59	16.57 1.08 0.00	15.40 0.98 0.00	15.09 0.96 0.00	15.56 0.98 0.00	17.25 1.10 -0.20	26.10 1.61 -2.71	32.38 1.94 -6.18	27.83 1.91 -1.79	24.68 1.60 -1.74	24.51 1.59 -1.67	22.97 1.52 -0.62	22.37 1.48 -1.16	22.16 1.51 -0.72	22.61 1.54 -1.00	23.93 1.56 -1.61	25.96 1.64 -3.02	31.11 1.95 -4.17	38.96 2.54 -4.64	40.74 2.84 -3.29	29.71 2.11 -0.95	26.08 1.80 -0.29	22.94 1.58 0.00	20.28 1.27 0.00
FORT ORANGE____ 23900	17.40 0.45 -0.70	15.93 0.45 0.00	14.86 0.45 0.00	14.58 0.45 0.00	15.04 0.45 0.00	16.72 0.53 -0.24	25.26 0.70 -2.79	31.96 0.85 -6.85	26.28 0.84 -1.30	22.77 0.64 -0.79	22.52 0.59 -0.67	21.64 0.52 -0.28	20.77 0.51 -0.52	20.83 0.58 -0.32	21.14 0.62 -0.45	22.18 0.68 -0.73	23.76 0.77 -1.69	30.90 0.93 -4.99	38.51 1.18 -5.55	38.53 1.24 -2.66	28.74 0.96 -1.13	25.11 0.77 -0.35	21.98 0.62 0.00	19.54 0.53 0.00
FORT_DRUM_COGEN 23780	16.28 0.03 0.00	15.50 0.02 0.00	14.37 -0.04 0.00	14.13 0.00 0.00	14.63 0.04 0.00	16.08 0.13 0.00	22.15 0.37 0.00	24.36 0.10 0.00	24.10 -0.02 0.00	21.24 -0.11 0.00	21.08 -0.17 0.00	20.59 -0.25 0.00	19.42 -0.32 0.00	19.59 -0.34 0.00	19.70 -0.36 0.00	20.43 -0.33 0.00	21.02 -0.28 0.00	24.79 -0.20 0.00	31.75 -0.03 0.00	34.79 0.17 0.00	26.60 -0.05 0.00	23.92 -0.07 0.00	21.26 -0.11 0.00	18.97 -0.04 0.00
FPL_FAR_ROCK_GT1 24212	18.36 1.53 -0.59	16.80 1.32 0.00	15.60 1.18 0.00	15.26 1.13 0.00	15.80 1.21 0.00	17.65 1.50 -0.20	26.68 2.18 -2.73	32.79 2.33 -6.20	28.73 2.77 -1.83	25.63 2.47 -1.81	25.38 2.36 -1.76	23.79 2.31 -0.64	23.14 2.21 -1.19	22.94 2.25 -0.76	23.39 2.27 -1.06	24.76 2.32 -1.67	26.84 2.41 -3.13	31.91 2.75 -4.17	40.02 3.59 -4.65	41.73 3.77 -3.34	30.62 3.01 -0.96	28.37 2.62 -1.76	23.78 2.41 0.00	20.91 1.90 0.00
FPL_FAR_ROCK_GT2 23815	18.36 1.53 -0.59	16.80 1.32 0.00	15.60 1.18 0.00	15.26 1.13 0.00	15.80 1.21 0.00	17.65 1.50 -0.20	26.68 2.18 -2.73	32.79 2.33 -6.20	28.73 2.77 -1.83	25.63 2.47 -1.81	25.38 2.36 -1.76	23.79 2.31 -0.64	23.14 2.21 -1.19	22.94 2.25 -0.76	23.39 2.27 -1.06	24.76 2.32 -1.67	26.84 2.41 -3.13	31.91 2.75 -4.17	40.02 3.59 -4.65	41.73 3.77 -3.34	30.62 3.01 -0.96	28.37 2.62 -1.76	23.78 2.41 0.00	20.91 1.90 0.00
FRANKLIN_FALL_HYD 24054	15.87 -0.37 0.00	15.07 -0.42 0.00	14.03 -0.39 0.00	13.82 -0.31 0.00	14.21 -0.38 0.00	15.65 -0.30 0.00	21.39 -0.39 0.00	23.97 -0.29 0.00	23.94 -0.19 0.00	21.19 -0.15 0.00	21.25 0.00 0.00	20.79 -0.04 0.00	19.59 -0.14 0.00	19.77 -0.16 0.00	19.98 -0.08 0.00	20.68 -0.08 0.00	21.26 -0.04 0.00	24.91 -0.07 0.00	31.72 -0.06 0.00	34.44 -0.17 0.00	26.39 -0.27 0.00	23.63 -0.36 0.00	21.00 -0.36 0.00	18.82 -0.19 0.00
FREEPORT_EQUS_GT1 23764	18.29 1.45 -0.60	16.72 1.24 0.00	15.53 1.11 0.00	15.20 1.07 0.00	15.72 1.14 0.00	17.59 1.42 -0.21	26.55 2.05 -2.73	32.71 2.26 -6.20	28.69 2.70 -1.86	25.61 2.39 -1.88	25.35 2.25 -1.84	23.70 2.21 -0.66	23.08 2.13 -1.22	22.88 2.17 -0.78	23.34 2.17 -1.10	24.76 2.26 -1.74	26.85 2.36 -3.19	31.80 2.65 -4.17	39.86 3.43 -4.65	41.59 3.63 -3.34	30.51 2.91 -0.96	28.30 2.52 -1.79	23.67 2.29 -0.02	20.82 1.81 0.00
FREEPORT___CT2 23818	18.29 1.45 -0.60	16.72 1.24 0.00	15.53 1.11 0.00	15.20 1.07 0.00	15.72 1.14 0.00	17.59 1.42 -0.21	26.55 2.05 -2.73	32.71 2.26 -6.20	28.69 2.70 -1.86	25.61 2.39 -1.88	25.35 2.25 -1.84	23.70 2.21 -0.66	23.08 2.13 -1.22	22.88 2.17 -0.78	23.34 2.17 -1.10	24.76 2.26 -1.74	26.85 2.36 -3.19	31.80 2.65 -4.17	39.86 3.43 -4.65	41.59 3.63 -3.34	30.51 2.91 -0.96	28.30 2.52 -1.79	23.67 2.29 -0.02	20.82 1.81 0.00



FRESHKLS_33_KV_LOAD 356253	17.97 1.14 -0.59	16.54 1.05 0.00	15.37 0.95 0.00	15.06 0.93 0.00	15.55 0.96 0.00	17.32 1.16 -0.20	26.25 1.74 -2.73	32.53 2.09 -6.19	28.00 2.05 -1.82	24.97 1.84 -1.79	24.75 1.76 -1.73	23.19 1.73 -0.63	22.58 1.66 -1.19	22.34 1.67 -0.73	22.79 1.71 -1.02	24.16 1.74 -1.65	26.21 1.81 -3.10	31.25 2.10 -4.16	39.03 2.64 -4.62	40.80 2.84 -3.34	29.82 2.24 -0.93	26.23 1.94 -0.29	23.07 1.71 0.00	20.47 1.46 0.00
FULTON COGEN____ 23766	16.34 0.08 -0.01	15.58 0.09 0.00	14.50 0.09 0.00	14.17 0.04 0.00	14.69 0.10 0.00	16.01 0.05 0.00	22.09 0.26 -0.05	24.86 0.46 -0.15	24.60 0.46 -0.02	21.83 0.49 0.00	21.64 0.38 0.00	21.13 0.29 0.00	19.97 0.24 0.00	20.13 0.20 0.00	20.22 0.16 0.00	20.87 0.10 0.00	21.48 0.17 -0.01	25.43 0.32 -0.11	32.41 0.51 -0.12	35.25 0.59 -0.04	27.08 0.40 -0.03	24.41 0.41 -0.01	21.75 0.38 0.00	19.22 0.21 0.00
FULTON____LFGE 323630	18.16 1.19 -0.72	16.60 1.12 0.00	15.41 0.99 0.00	15.15 1.02 0.00	15.68 1.09 0.00	17.38 1.18 -0.24	26.60 1.98 -2.85	33.29 1.99 -7.04	27.22 1.81 -1.28	23.53 1.47 -0.72	23.01 1.15 -0.61	22.13 1.04 -0.25	21.16 0.95 -0.48	21.22 1.00 -0.30	21.54 1.06 -0.41	22.69 1.27 -0.66	24.31 1.41 -1.61	31.79 1.65 -5.16	39.68 2.16 -5.74	39.63 2.36 -2.66	29.56 1.73 -1.17	25.77 1.42 -0.36	22.62 1.26 0.00	20.38 1.37 0.00
G.F.CEMENT____DRP 24184	18.17 1.20 -0.72	16.63 1.15 0.00	15.47 1.05 0.00	15.16 1.03 0.00	15.67 1.08 0.00	17.38 1.18 -0.24	26.40 1.79 -2.84	33.36 2.09 -7.01	27.45 2.03 -1.29	23.87 1.79 -0.73	23.49 1.62 -0.62	22.66 1.56 -0.26	21.54 1.32 -0.49	21.59 1.36 -0.30	21.87 1.38 -0.42	22.96 1.52 -0.68	24.46 1.53 -1.63	31.92 1.80 -5.13	40.00 2.51 -5.71	39.98 2.70 -2.66	30.03 2.21 -1.17	26.17 1.82 -0.36	22.84 1.47 0.00	20.45 1.44 0.00
GARDENVILLE____LBMP 24039	15.62 -0.65 -0.03	15.14 -0.34 0.00	14.20 -0.22 0.00	13.85 -0.28 0.00	14.44 -0.15 0.00	15.25 -0.72 -0.01	21.07 -0.81 -0.10	23.60 -0.92 -0.27	23.49 -0.68 -0.03	21.19 -0.15 0.00	20.87 -0.38 0.00	20.44 -0.40 0.00	19.44 -0.30 0.00	19.55 -0.38 0.00	19.58 -0.48 0.00	20.08 -0.69 0.00	20.74 -0.58 -0.02	24.67 -0.52 -0.20	30.93 -1.08 -0.23	33.66 -1.04 -0.08	26.09 -0.61 -0.05	23.58 -0.43 -0.01	21.13 -0.23 0.00	18.31 -0.70 0.00
GARDNVLA_35_KV_LD 355827	15.71 -0.57 -0.03	15.22 -0.26 0.00	14.29 -0.13 0.00	13.92 -0.21 0.00	14.51 -0.07 0.00	15.33 -0.64 -0.01	21.20 -0.68 -0.10	23.72 -0.80 -0.27	23.63 -0.53 -0.03	21.32 -0.02 0.00	21.00 -0.26 0.00	20.59 -0.25 0.00	19.56 -0.18 0.00	19.67 -0.26 0.00	19.70 -0.36 0.00	20.20 -0.56 0.00	20.87 -0.45 -0.02	24.82 -0.37 -0.20	31.08 -0.92 -0.23	33.86 -0.83 -0.08	26.25 -0.45 -0.05	23.72 -0.29 -0.01	21.26 -0.11 0.00	18.40 -0.61 0.00
GELCKHM__115KV_LOAD 80723	16.12 -0.15 -0.02	15.38 -0.11 0.00	14.32 -0.10 0.00	14.00 -0.13 0.00	14.50 -0.09 0.00	15.77 -0.19 -0.01	21.70 -0.13 -0.05	24.51 0.10 -0.16	24.27 0.12 -0.02	21.53 0.19 0.00	21.36 0.11 0.00	20.88 0.04 0.00	19.75 0.02 0.00	19.93 0.00 0.00	20.00 -0.06 0.00	20.66 -0.10 0.00	21.23 -0.09 -0.01	25.11 0.00 -0.12	31.94 0.03 -0.13	34.70 0.03 -0.05	26.71 0.03 -0.03	24.10 0.10 -0.01	21.45 0.09 0.00	18.97 -0.04 0.00
GENERAL____MILLS 23808	15.69 -0.58 -0.03	15.19 -0.29 0.00	14.26 -0.16 0.00	13.90 -0.23 0.00	14.50 -0.09 0.00	15.29 -0.67 -0.01	21.16 -0.72 -0.10	23.67 -0.85 -0.27	23.58 -0.58 -0.03	21.28 -0.06 0.00	20.94 -0.32 0.00	20.52 -0.31 0.00	19.52 -0.22 0.00	19.63 -0.30 0.00	19.66 -0.40 0.00	20.14 -0.62 0.00	20.83 -0.49 -0.02	24.77 -0.42 -0.20	31.02 -0.99 -0.23	33.79 -0.90 -0.08	26.19 -0.51 -0.05	23.67 -0.34 -0.01	21.21 -0.15 0.00	18.36 -0.65 0.00
GE_PLASTICS____DRP 24183	17.42 0.47 -0.70	15.93 0.45 0.00	14.86 0.45 0.00	14.57 0.44 0.00	15.04 0.45 0.00	16.72 0.53 -0.24	25.26 0.70 -2.79	31.97 0.85 -6.86	26.26 0.84 -1.29	22.77 0.66 -0.77	22.53 0.62 -0.66	21.67 0.56 -0.27	20.82 0.57 -0.51	20.84 0.60 -0.32	21.13 0.62 -0.44	22.16 0.69 -0.71	23.71 0.75 -1.66	30.89 0.90 -5.00	38.50 1.14 -5.57	38.48 1.21 -2.65	28.72 0.93 -1.14	25.11 0.77 -0.35	22.00 0.64 0.00	19.54 0.53 0.00
GILBOA____1 23756	17.43 0.60 -0.58	16.04 0.56 0.00	14.93 0.52 0.00	14.64 0.51 0.00	15.11 0.52 0.00	16.77 0.62 -0.20	24.91 0.89 -2.24	30.93 1.07 -5.61	26.12 1.06 -0.93	22.64 0.88 -0.42	22.47 0.83 -0.39	21.80 0.81 -0.15	20.78 0.77 -0.28	20.92 0.82 -0.17	21.13 0.82 -0.24	22.03 0.87 -0.39	23.28 0.92 -1.06	30.24 1.10 -4.15	37.74 1.33 -4.63	38.06 1.45 -1.99	28.77 1.17 -0.94	25.27 0.98 -0.29	22.22 0.86 0.00	19.69 0.68 0.00
GILBOA____2 23757	17.43 0.60 -0.58	16.04 0.56 0.00	14.93 0.52 0.00	14.64 0.51 0.00	15.11 0.52 0.00	16.77 0.62 -0.20	24.91 0.89 -2.24	30.93 1.07 -5.61	26.12 1.06 -0.93	22.64 0.88 -0.42	22.47 0.83 -0.39	21.80 0.81 -0.15	20.78 0.77 -0.28	20.92 0.82 -0.17	21.13 0.82 -0.24	22.03 0.87 -0.39	23.28 0.92 -1.06	30.24 1.10 -4.15	37.74 1.33 -4.63	38.06 1.45 -1.99	28.77 1.17 -0.94	25.27 0.98 -0.29	22.22 0.86 0.00	19.69 0.68 0.00
GILBOA____3 23758	17.43 0.60 -0.58	16.04 0.56 0.00	14.93 0.52 0.00	14.64 0.51 0.00	15.11 0.52 0.00	16.77 0.62 -0.20	24.91 0.89 -2.24	30.93 1.07 -5.61	26.12 1.06 -0.93	22.64 0.88 -0.42	22.47 0.83 -0.39	21.80 0.81 -0.15	20.78 0.77 -0.28	20.92 0.82 -0.17	21.13 0.82 -0.24	22.03 0.87 -0.39	23.28 0.92 -1.06	30.24 1.10 -4.15	37.74 1.33 -4.63	38.06 1.45 -1.99	28.77 1.17 -0.94	25.27 0.98 -0.29	22.22 0.86 0.00	19.69 0.68 0.00
GILBOA____4 23759	17.43 0.60 -0.58	16.04 0.56 0.00	14.93 0.52 0.00	14.64 0.51 0.00	15.11 0.52 0.00	16.77 0.62 -0.20	24.91 0.89 -2.24	30.93 1.07 -5.61	26.12 1.06 -0.93	22.64 0.88 -0.42	22.47 0.83 -0.39	21.80 0.81 -0.15	20.78 0.77 -0.28	20.92 0.82 -0.17	21.13 0.82 -0.24	22.03 0.87 -0.39	23.28 0.92 -1.06	30.24 1.10 -4.15	37.74 1.33 -4.63	38.06 1.45 -1.99	28.77 1.17 -0.94	25.27 0.98 -0.29	22.22 0.86 0.00	19.69 0.68 0.00
GILBOA____ 23599	17.43 0.60 -0.58	16.04 0.56 0.00	14.94 0.52 0.00	14.64 0.51 0.00	15.11 0.53 0.00	16.77 0.62 -0.20	24.91 0.89 -2.24	30.93 1.07 -5.61	26.12 1.06 -0.93	22.64 0.88 -0.42	22.47 0.83 -0.39	21.80 0.81 -0.15	20.78 0.77 -0.28	20.90 0.80 -0.17	21.13 0.82 -0.24	22.03 0.87 -0.39	23.28 0.92 -1.06	30.24 1.10 -4.15	37.71 1.30 -4.63	38.06 1.45 -1.99	28.77 1.17 -0.94	25.27 0.98 -0.29	22.22 0.85 0.00	19.69 0.68 0.00
GINNA____ 23603	15.13 -1.14 -0.02	14.46 -1.02 0.00	13.48 -0.94 0.00	13.18 -0.95 0.00	13.68 -0.90 0.00	14.78 -1.18 -0.01	20.34 -1.50 -0.07	22.96 -1.48 -0.19	22.78 -1.37 -0.02	20.32 -1.02 0.00	20.15 -1.11 0.00	19.69 -1.15 0.00	18.63 -1.10 0.00	18.71 -1.22 0.00	18.76 -1.30 0.00	19.39 -1.37 0.00	20.04 -1.28 -0.01	23.76 -1.37 -0.14	30.22 -1.72 -0.16	32.80 -1.87 -0.05	25.22 -1.47 -0.03	22.80 -1.20 -0.01	20.25 -1.11 0.00	17.75 -1.26 0.00

GLEN PARK____ 23778	16.38 0.13 0.00	15.59 0.11 0.00	14.46 0.04 0.00	14.21 0.09 0.00	14.72 0.13 0.00	16.18 0.22 0.00	22.30 0.52 0.00	25.26 0.90 -0.11	24.82 0.67 -0.01	21.85 0.51 0.00	21.64 0.38 0.00	21.13 0.29 0.00	19.91 0.18 0.00	20.05 0.12 0.00	20.12 0.06 0.00	20.83 0.06 0.00	21.52 0.21 -0.01	25.60 0.53 -0.08	32.89 1.02 -0.09	35.86 1.21 -0.03	27.55 0.88 -0.02	24.74 0.74 -0.01	21.94 0.58 0.00	19.39 0.38 0.00
GLENDALE_27_KV_LOAD 356172	18.15 1.32 -0.59	16.66 1.18 0.00	15.50 1.08 0.00	15.19 1.06 0.00	15.65 1.06 0.00	17.46 1.31 -0.20	26.51 2.00 -2.73	33.94 2.38 -7.30	96.91 2.34 -70.44	28.18 2.09 -4.74	30.40 2.02 -7.13	34.46 1.98 -11.64	33.86 1.87 -12.26	32.69 1.91 -10.85	29.77 1.93 -7.78	27.12 1.99 -4.36	26.65 2.07 -3.29	68.01 2.40 -40.62	39.37 2.96 -4.64	41.18 3.22 -3.34	30.08 2.48 -0.95	26.47 2.18 -0.29	23.31 1.94 0.00	20.55 1.54 0.00
GLENWOOD_IC_1_G5 23712	18.14 1.30 -0.60	16.65 1.16 0.00	15.47 1.05 0.00	15.12 0.99 0.00	15.65 1.06 0.00	17.49 1.32 -0.21	26.45 1.94 -2.73	32.62 2.16 -6.20	28.42 2.44 -1.85	25.37 2.16 -1.87	25.18 2.08 -1.84	23.53 2.04 -0.66	22.90 1.95 -1.21	22.70 1.99 -0.78	23.17 2.01 -1.10	24.57 2.08 -1.73	26.63 2.15 -3.18	31.63 2.47 -4.17	39.57 3.15 -4.64	41.32 3.36 -3.34	30.24 2.64 -0.95	28.06 2.28 -1.79	23.41 2.03 -0.02	20.63 1.62 0.00
GLENWOOD_IC_2_G1 23688	18.07 1.23 -0.59	16.58 1.10 0.00	15.40 0.98 0.00	15.09 0.96 0.00	15.59 1.01 0.00	17.40 1.25 -0.20	26.34 1.83 -2.73	32.57 2.11 -6.20	28.23 2.27 -1.83	25.16 2.01 -1.81	24.95 1.93 -1.76	23.37 1.90 -0.64	22.74 1.81 -1.19	22.54 1.85 -0.76	22.99 1.87 -1.06	24.37 1.93 -1.67	26.43 2.00 -3.13	31.45 2.30 -4.17	39.32 2.89 -4.65	41.11 3.15 -3.34	30.06 2.45 -0.96	27.86 2.11 -1.76	23.26 1.90 0.00	20.49 1.48 0.00
GLENWOOD_IC_3_G1 23689	18.07 1.23 -0.59	16.58 1.10 0.00	15.40 0.98 0.00	15.09 0.96 0.00	15.59 1.01 0.00	17.40 1.25 -0.20	26.34 1.83 -2.73	32.57 2.11 -6.20	28.23 2.27 -1.83	25.16 2.01 -1.81	24.95 1.93 -1.76	23.37 1.90 -0.64	22.74 1.81 -1.19	22.54 1.85 -0.76	22.99 1.87 -1.06	24.37 1.93 -1.67	26.43 2.00 -3.13	31.45 2.30 -4.17	39.32 2.89 -4.65	41.11 3.15 -3.34	30.06 2.45 -0.96	27.86 2.11 -1.76	23.26 1.90 0.00	20.49 1.48 0.00
GLENWOOD____4 23550	18.14 1.30 -0.60	16.65 1.16 0.00	15.47 1.05 0.00	15.12 0.99 0.00	15.65 1.06 0.00	17.49 1.32 -0.21	26.45 1.94 -2.73	32.62 2.16 -6.20	28.42 2.44 -1.85	25.37 2.16 -1.87	25.18 2.08 -1.84	23.53 2.04 -0.66	22.90 1.95 -1.21	22.70 1.99 -0.78	23.17 2.01 -1.10	24.57 2.08 -1.73	26.63 2.15 -3.18	31.63 2.47 -4.17	39.57 3.15 -4.64	41.32 3.36 -3.34	30.24 2.64 -0.95	28.06 2.28 -1.79	23.41 2.03 -0.02	20.63 1.62 0.00
GLENWOOD____5 23614	18.14 1.30 -0.60	16.65 1.16 0.00	15.47 1.05 0.00	15.12 0.99 0.00	15.65 1.06 0.00	17.49 1.32 -0.21	26.45 1.94 -2.73	32.62 2.16 -6.20	28.42 2.44 -1.85	25.37 2.16 -1.87	25.18 2.08 -1.84	23.53 2.04 -0.66	22.90 1.95 -1.21	22.70 1.99 -0.78	23.17 2.01 -1.10	24.57 2.08 -1.73	26.63 2.15 -3.18	31.63 2.47 -4.17	39.57 3.15 -4.64	41.32 3.36 -3.34	30.24 2.64 -0.95	28.06 2.28 -1.79	23.41 2.03 -0.02	20.63 1.62 0.00
GLOBAL GREEN_PORT_GT1 23814	21.28 2.11 -2.92	17.51 1.90 -0.12	16.24 1.70 -0.12	15.84 1.67 -0.04	16.47 1.76 -0.12	20.96 2.07 -2.93	27.81 2.96 -3.07	36.53 3.44 -8.82	35.28 4.03 -7.13	38.68 3.63 -13.71	41.01 3.40 -16.35	28.65 3.31 -4.50	28.12 3.18 -5.21	28.66 3.23 -5.50	32.88 3.29 -9.52	37.39 3.39 -13.24	37.83 3.60 -12.93	38.78 4.10 -9.70	45.88 5.18 -8.91	44.21 5.57 -4.02	44.33 4.43 -13.25	36.16 3.89 -8.28	28.56 3.25 -3.95	21.79 2.66 -0.12
GLOBE____DSASP 323697	15.02 -1.25 -0.03	14.60 -0.88 0.00	13.71 -0.71 0.00	13.37 -0.76 0.00	13.93 -0.66 0.00	14.64 -1.32 -0.01	20.17 -1.70 -0.09	22.59 -1.92 -0.25	22.47 -1.69 -0.03	20.32 -1.02 0.00	20.02 -1.23 0.00	19.63 -1.21 0.00	18.67 -1.07 0.00	18.77 -1.16 0.00	18.82 -1.24 0.00	19.27 -1.49 0.00	19.89 -1.43 -0.02	23.60 -1.57 -0.19	29.51 -2.48 -0.21	32.09 -2.60 -0.07	24.91 -1.79 -0.04	22.59 -1.42 -0.01	20.30 -1.07 0.00	17.55 -1.46 0.00
GOETHSLN____LBMP 323567	17.97 1.14 -0.59	16.49 1.01 0.00	15.34 0.92 0.00	15.05 0.92 0.00	15.49 0.90 0.00	17.30 1.15 -0.20	26.31 1.81 -2.73	32.59 2.13 -6.20	28.03 2.08 -1.83	25.02 1.88 -1.80	24.80 1.81 -1.74	23.22 1.75 -0.64	22.59 1.66 -1.20	22.36 1.69 -0.74	22.80 1.71 -1.03	24.19 1.76 -1.66	26.24 1.83 -3.11	31.20 2.05 -4.17	38.92 2.51 -4.63	40.83 2.87 -3.34	29.76 2.16 -0.95	26.18 1.90 -0.29	23.07 1.71 0.00	20.36 1.35 0.00
GOLAH____69_KV_TB 1_2 80279	15.78 -0.49 -0.02	15.17 -0.31 0.00	14.19 -0.23 0.00	13.85 -0.28 0.00	14.41 -0.18 0.00	15.47 -0.49 -0.01	21.24 -0.61 -0.07	23.92 -0.53 -0.19	23.77 -0.39 -0.02	21.30 -0.04 0.00	21.08 -0.17 0.00	20.63 -0.21 0.00	19.54 -0.20 0.00	19.61 -0.32 0.00	19.70 -0.36 0.00	20.29 -0.48 0.00	20.93 -0.38 -0.02	24.84 -0.30 -0.15	31.47 -0.48 -0.17	34.19 -0.48 -0.06	26.37 -0.32 -0.03	23.86 -0.14 -0.01	21.26 -0.11 0.00	18.53 -0.48 0.00
GOODYEAR_LAKE_HYD 323669	17.41 0.86 -0.30	16.29 0.81 0.00	15.12 0.71 0.00	14.85 0.72 0.00	15.33 0.74 0.00	16.96 0.91 -0.10	24.08 1.33 -0.97	28.50 1.58 -2.66	25.82 1.52 -0.17	22.38 1.30 0.26	22.25 1.23 0.24	21.91 1.17 0.09	20.65 1.09 0.17	20.92 1.10 0.11	21.00 1.08 0.15	21.67 1.14 0.24	22.35 1.21 0.16	28.61 1.50 -2.12	36.08 1.94 -2.36	37.24 2.08 -0.55	28.79 1.65 -0.48	25.53 1.39 -0.15	22.58 1.22 0.00	19.96 0.95 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	16.23 -0.08 -0.06	15.48 0.00 0.00	14.45 0.03 0.00	14.11 -0.01 0.00	14.66 0.07 0.00	15.85 -0.13 -0.02	22.01 0.02 -0.21	25.00 0.17 -0.57	24.41 0.22 -0.07	21.73 0.38 0.00	21.47 0.21 0.00	20.96 0.13 0.00	19.85 0.12 0.00	19.99 0.06 0.00	20.06 0.00 0.00	20.70 -0.06 0.00	21.37 0.02 -0.05	25.62 0.20 -0.44	32.42 0.16 -0.48	35.02 0.24 -0.17	26.96 0.21 -0.10	24.24 0.22 -0.03	21.60 0.23 0.00	18.95 -0.06 0.00
GOUDEY____7 23579	16.24 -0.06 -0.06	15.50 0.02 0.00	14.46 0.04 0.00	14.13 0.00 0.00	14.67 0.09 0.00	15.86 -0.11 -0.02	22.03 0.04 -0.21	25.02 0.19 -0.57	24.44 0.24 -0.07	21.75 0.41 0.00	21.49 0.23 0.00	20.98 0.15 0.00	19.87 0.14 0.00	20.01 0.08 0.00	20.08 0.02 0.00	20.72 -0.04 0.00	21.39 0.04 -0.05	25.65 0.22 -0.44	32.46 0.19 -0.48	35.06 0.28 -0.17	26.99 0.24 -0.10	24.26 0.24 -0.03	21.62 0.26 0.00	18.97 -0.04 0.00
GOUDEY____8 23580	16.23 -0.08 -0.06	15.48 0.00 0.00	14.45 0.03 0.00	14.11 -0.01 0.00	14.66 0.07 0.00	15.85 -0.13 -0.02	22.01 0.02 -0.21	25.00 0.17 -0.57	24.41 0.22 -0.07	21.73 0.38 0.00	21.47 0.21 0.00	20.96 0.13 0.00	19.85 0.12 0.00	19.99 0.06 0.00	20.06 0.00 0.00	20.70 -0.06 0.00	21.37 0.02 -0.05	25.62 0.20 -0.44	32.42 0.16 -0.48	35.02 0.24 -0.17	26.96 0.21 -0.10	24.24 0.22 -0.03	21.60 0.23 0.00	18.95 -0.06 0.00

GOWANUS_GT1_1 24077	18.08 1.25 -0.59	16.61 1.13 0.00	15.45 1.04 0.00	15.15 1.02 0.00	15.61 1.02 0.00	17.40 1.24 -0.20	26.40 1.89 -2.73	33.84 2.28 -7.30	96.79 2.22 -70.44	28.07 1.98 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.85 -7.78	27.01 1.89 -4.36	26.53 1.94 -3.29	67.86 2.25 -40.62	39.21 2.80 -4.64	41.01 3.05 -3.34	30.00 2.40 -0.95	26.39 2.11 -0.29	23.22 1.86 0.00	20.51 1.50 0.00
GOWANUS_GT1_2 24078	18.08 1.25 -0.59	16.61 1.13 0.00	15.45 1.04 0.00	15.15 1.02 0.00	15.61 1.02 0.00	17.40 1.24 -0.20	26.40 1.89 -2.73	33.84 2.28 -7.30	96.79 2.22 -70.44	28.07 1.98 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.85 -7.78	27.01 1.89 -4.36	26.53 1.94 -3.29	67.86 2.25 -40.62	39.21 2.80 -4.64	41.01 3.05 -3.34	30.00 2.40 -0.95	26.39 2.11 -0.29	23.22 1.86 0.00	20.51 1.50 0.00
GOWANUS_GT1_3 24079	18.08 1.25 -0.59	16.61 1.13 0.00	15.45 1.04 0.00	15.15 1.02 0.00	15.61 1.02 0.00	17.40 1.24 -0.20	26.40 1.89 -2.73	33.84 2.28 -7.30	96.79 2.22 -70.44	28.07 1.98 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.85 -7.78	27.01 1.89 -4.36	26.53 1.94 -3.29	67.86 2.25 -40.62	39.21 2.80 -4.64	41.01 3.05 -3.34	30.00 2.40 -0.95	26.39 2.11 -0.29	23.22 1.86 0.00	20.51 1.50 0.00
GOWANUS_GT1_4 24080	18.08 1.25 -0.59	16.61 1.13 0.00	15.45 1.04 0.00	15.15 1.02 0.00	15.61 1.02 0.00	17.40 1.24 -0.20	26.40 1.89 -2.73	33.84 2.28 -7.30	96.79 2.22 -70.44	28.07 1.98 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.85 -7.78	27.01 1.89 -4.36	26.53 1.94 -3.29	67.86 2.25 -40.62	39.21 2.80 -4.64	41.01 3.05 -3.34	30.00 2.40 -0.95	26.39 2.11 -0.29	23.22 1.86 0.00	20.51 1.50 0.00
GOWANUS_GT1_5 24084	18.08 1.25 -0.59	16.61 1.13 0.00	15.45 1.04 0.00	15.15 1.02 0.00	15.61 1.02 0.00	17.40 1.24 -0.20	26.40 1.89 -2.73	33.84 2.28 -7.30	96.79 2.22 -70.44	28.07 1.98 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.85 -7.78	27.01 1.89 -4.36	26.53 1.94 -3.29	67.86 2.25 -40.62	39.21 2.80 -4.64	41.01 3.05 -3.34	30.00 2.40 -0.95	26.39 2.11 -0.29	23.22 1.86 0.00	20.51 1.50 0.00
GOWANUS_GT1_6 24111	18.08 1.25 -0.59	16.61 1.13 0.00	15.45 1.04 0.00	15.15 1.02 0.00	15.61 1.02 0.00	17.40 1.24 -0.20	26.40 1.89 -2.73	33.84 2.28 -7.30	96.79 2.22 -70.44	28.07 1.98 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.85 -7.78	27.01 1.89 -4.36	26.53 1.94 -3.29	67.86 2.25 -40.62	39.21 2.80 -4.64	41.01 3.05 -3.34	30.00 2.40 -0.95	26.39 2.11 -0.29	23.22 1.86 0.00	20.51 1.50 0.00
GOWANUS_GT1_7 24112	18.08 1.25 -0.59	16.61 1.13 0.00	15.45 1.04 0.00	15.15 1.02 0.00	15.61 1.02 0.00	17.40 1.24 -0.20	26.40 1.89 -2.73	33.84 2.28 -7.30	96.79 2.22 -70.44	28.07 1.98 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.85 -7.78	27.01 1.89 -4.36	26.53 1.94 -3.29	67.86 2.25 -40.62	39.21 2.80 -4.64	41.01 3.05 -3.34	30.00 2.40 -0.95	26.39 2.11 -0.29	23.22 1.86 0.00	20.51 1.50 0.00
GOWANUS_GT1_8 24113	18.08 1.25 -0.59	16.61 1.13 0.00	15.45 1																					

GOWANUS_GT2_8 24121	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.14 1.00 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.41 1.89 -2.74	33.87 2.31 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.03 1.91 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	30.01 2.40 -0.96	26.40 2.11 -0.30	23.25 1.88 -0.01	20.52 1.50 -0.01
GOWANUS_GT3_1 24122	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.14 1.00 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.41 1.89 -2.74	33.87 2.31 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.03 1.91 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	30.01 2.40 -0.96	26.40 2.11 -0.30	23.25 1.88 -0.01	20.52 1.50 -0.01
GOWANUS_GT3_2 24123	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.14 1.00 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.41 1.89 -2.74	33.87 2.31 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.03 1.91 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	30.01 2.40 -0.96	26.40 2.11 -0.30	23.25 1.88 -0.01	20.52 1.50 -0.01
GOWANUS_GT3_3 24124	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.14 1.00 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.41 1.89 -2.74	33.87 2.31 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.03 1.91 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	30.01 2.40 -0.96	26.40 2.11 -0.30	23.25 1.88 -0.01	20.52 1.50 -0.01
GOWANUS_GT3_4 24125	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.14 1.00 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.41 1.89 -2.74	33.87 2.31 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.03 1.91 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	30.01 2.40 -0.96	26.40 2.11 -0.30	23.25 1.88 -0.01	20.52 1.50 -0.01
GOWANUS_GT3_5 24126	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.14 1.00 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.41 1.89 -2.74	33.87 2.31 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.03 1.91 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	30.01 2.40 -0.96	26.40 2.11 -0.30	23.25 1.88 -0.01	20.52 1.50 -0.01
GOWANUS_GT3_6 24127	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.14 1.00 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.41 1.89 -2.74	33.87 2.31 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.03 1.91 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	30.01 2.40 -0.96	26.40 2.11 -0.30	23.25 1.88 -0.01	20.52 1.50 -0.01
GOWANUS_GT3_7 24128	18.11 1.27																							

GOWANUS_GT4_7 24136	18.08 1.25 -0.59	16.61 1.13 0.00	15.45 1.04 0.00	15.15 1.02 0.00	15.61 1.02 0.00	17.40 1.24 -0.20	26.40 1.89 -2.73	33.84 2.28 -7.30	96.79 2.22 -70.44	28.07 1.98 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.85 -7.78	27.01 1.89 -4.36	26.53 1.94 -3.29	67.86 2.25 -40.62	39.21 2.80 -4.64	41.01 3.05 -3.34	30.00 2.40 -0.95	26.39 2.11 -0.29	23.22 1.86 0.00	20.51 1.50 0.00
GOWANUS_GT4_8 24137	18.08 1.25 -0.59	16.61 1.13 0.00	15.45 1.04 0.00	15.15 1.02 0.00	15.61 1.02 0.00	17.40 1.24 -0.20	26.40 1.89 -2.73	33.84 2.28 -7.30	96.79 2.22 -70.44	28.07 1.98 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.85 -7.78	27.01 1.89 -4.36	26.53 1.94 -3.29	67.86 2.25 -40.62	39.21 2.80 -4.64	41.01 3.05 -3.34	30.00 2.40 -0.95	26.39 2.11 -0.29	23.22 1.86 0.00	20.51 1.50 0.00
GREENBSH_115KV_TB3 55895	17.33 0.37 -0.70	15.86 0.37 0.00	14.81 0.39 0.00	14.51 0.38 0.00	14.98 0.39 0.00	16.66 0.46 -0.24	25.16 0.59 -2.80	31.87 0.73 -6.88	26.15 0.72 -1.30	22.65 0.53 -0.78	22.40 0.49 -0.65	21.57 0.46 -0.28	20.70 0.45 -0.52	20.75 0.50 -0.32	21.03 0.52 -0.45	22.08 0.60 -0.72	23.64 0.66 -1.68	30.78 0.77 -5.02	38.35 0.99 -5.58	38.35 1.07 -2.66	28.62 0.83 -1.14	24.99 0.65 -0.35	21.88 0.51 0.00	19.43 0.42 0.00
GREENDGE_115KV_TB5 80291	16.20 -0.08 -0.03	15.50 0.02 0.00	14.46 0.04 0.00	14.10 -0.03 0.00	14.67 0.09 0.00	15.85 -0.11 -0.01	22.03 0.13 -0.12	25.02 0.44 -0.32	24.70 0.53 -0.04	22.03 0.68 0.00	21.72 0.47 0.00	21.15 0.31 0.00	20.01 0.28 0.00	20.15 0.22 0.00	20.20 0.14 0.00	20.83 0.06 0.00	21.52 0.19 -0.03	25.69 0.45 -0.25	32.34 0.29 -0.27	35.09 0.38 -0.09	27.19 0.48 -0.06	24.44 0.43 -0.02	21.77 0.41 0.00	19.03 0.02 0.00
GREENIDGE___3 23582	16.20 -0.08 -0.03	15.50 0.02 0.00	14.46 0.04 0.00	14.10 -0.03 0.00	14.67 0.09 0.00	15.85 -0.11 -0.01	22.03 0.13 -0.12	25.02 0.44 -0.32	24.70 0.53 -0.04	22.03 0.68 0.00	21.72 0.47 0.00	21.15 0.31 0.00	20.01 0.28 0.00	20.15 0.22 0.00	20.20 0.14 0.00	20.83 0.06 0.00	21.52 0.19 -0.03	25.69 0.45 -0.25	32.34 0.29 -0.27	35.09 0.38 -0.09	27.19 0.48 -0.06	24.44 0.43 -0.02	21.77 0.41 0.00	19.03 0.02 0.00
GREENIDGE___4 23583	16.20 -0.08 -0.03	15.50 0.02 0.00	14.46 0.04 0.00	14.10 -0.03 0.00	14.67 0.09 0.00	15.87 -0.10 -0.01	22.03 0.13 -0.12	25.02 0.44 -0.32	24.70 0.53 -0.04	22.03 0.68 0.00	21.72 0.47 0.00	21.15 0.31 0.00	20.01 0.28 0.00	20.13 0.20 0.00	20.16 0.10 0.00	20.83 0.06 0.00	21.52 0.19 -0.03	25.69 0.45 -0.25	32.34 0.29 -0.27	35.06 0.35 -0.09	27.19 0.48 -0.06	24.47 0.45 -0.02	21.77 0.40 0.00	19.05 0.04 0.00
GREENLWN_69_KV_BK 3 55738	18.11 1.49 -0.37	16.69 1.22 0.02	15.51 1.11 0.02	15.04 0.92 0.01	15.77 1.20 0.02	17.44 1.53 0.05	26.67 2.20 -2.69	32.35 2.23 -5.86	28.35 2.87 -1.35	24.63 2.54 -0.75	24.11 2.40 -0.46	23.48 2.35 -0.29	22.81 2.25 -0.83	22.55 2.29 -0.33	22.67 2.31 -0.30	23.79 2.39 -0.64	26.02 2.47 -2.26	31.16 2.72 -3.44	39.26 3.40 -4.08	41.40 3.53 -3.25	28.92 2.93 0.66	27.78 2.62 -1.17	23.42 2.41 0.36	20.80 1.81 0.02
GREENWD_138_KV_38B11_REV_LBMP_J 345004	18.08 1.25 -0.59	16.61 1.13 0.00	15.45 1.04 0.00	15.15 1.02 0.00	15.61 1.02 0.00	17.40 1.24 -0.20	26.40 1.89 -2.73	33.84 2.28 -7.30	96.79 2.22 -70.44	28.07 1.98 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.85 -7.78	27.01 1.89 -4.36	26.53 1.94 -3.29	67.86 2.25 -40.62	39.21 2.80 -4.64	41.01 3.05 -3.34	30.00 2.40 -0.95	26.39 2.11 -0.29	23.22 1.86 0.00	20.51 1.50 0.00
GRISSOM___SOLAR 323813	18.16 1.19 -0.72	16.60 1.12 0.00	15.41 0.99 0.00	15.15 1.02 0.00	15.68 1.09 0.00	17.38 1.18 -0.24	26.60 1.98 -2.85	33.29 1.99 -7.04	27.22 1.81 -1.28	23.53 1.47 -0.72	23.01 1.15 -0.61	22.13 1.04 -0.25	21.16 0.95 -0.48	21.22 1.00 -0.30	21.54 1.06 -0.41	22.69 1.27 -0.66	24.31 1.41 -1.61	31.79 1.65 -5.16	39.68 2.16 -5.74	39.63 2.36 -2.66	29.56 1.73 -1.17	25.77 1.42 -0.36	22.62 1.26 0.00	20.38 1.37 0.00
GROVEVILLE___HYD 323602	18.00 1.17 -0.59	16.57 1.08 0.00	15.40 0.98 0.00	15.09 0.96 0.00	15.56 0.98 0.00	17.25 1.10 -0.20	26.10 1.61 -2.71	32.38 1.94 -6.18	27.83 1.91 -1.79	24.68 1.60 -1.74	24.51 1.59 -1.67	22.97 1.52 -0.62	22.37 1.48 -1.16	22.16 1.51 -0.72	22.61 1.54 -1.00	23.93 1.56 -1.61	25.96 1.64 -3.02	31.11 1.95 -4.17	38.96 2.54 -4.64	40.74 2.84 -3.29	29.71 2.11 -0.95	26.08 1.80 -0.29	22.94 1.58 0.00	20.28 1.27 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	16.28 0.02 -0.02	15.52 0.03 0.00	14.45 0.03 0.00	14.11 -0.01 0.00	14.63 0.04 0.00	15.93 -0.03 -0.01	21.95 0.11 -0.06	25.04 0.61 -0.17	24.80 0.65 -0.02	22.03 0.68 0.00	21.81 0.55 0.00	21.27 0.44 0.00	20.13 0.39 0.00	20.29 0.36 0.00	20.36 0.30 0.00	21.01 0.25 0.00	21.57 0.26 -0.01	25.57 0.45 -0.13	32.56 0.64 -0.15	35.36 0.69 -0.05	27.19 0.51 -0.03	24.48 0.48 -0.01	21.81 0.45 0.00	19.26 0.25 0.00
HAMLTNNY_34_KV_TB 80303	16.20 -0.06 -0.02	15.45 -0.03 0.00	14.39 -0.03 0.00	14.07 -0.06 0.00	14.57 -0.01 0.00	15.85 -0.11 -0.01	21.84 0.00 -0.06	25.35 0.90 -0.19	25.09 0.94 -0.02	22.32 0.98 0.00	22.06 0.81 0.00	21.50 0.67 0.00	20.34 0.61 0.00	20.49 0.56 0.00	20.55 0.48 0.00	21.20 0.44 0.00	21.74 0.43 -0.02	25.78 0.65 -0.15	32.83 0.89 -0.16	35.68 1.00 -0.06	27.43 0.75 -0.03	24.70 0.70 -0.01	21.96 0.60 0.00	19.31 0.30 0.00
HAMPSHIRE___PAPER_HYD 323593	15.97 -0.28 0.00	15.19 -0.29 0.00	14.11 -0.30 0.00	13.87 -0.25 0.00	14.32 -0.26 0.00	15.76 -0.19 0.00	21.58 -0.20 0.00	24.04 -0.22 0.00	23.84 -0.29 0.00	21.04 -0.30 0.00	20.98 -0.28 0.00	20.50 -0.33 0.00	19.34 -0.39 0.00	19.49 -0.44 0.00	19.64 -0.42 0.00	20.33 -0.44 0.00	20.87 -0.43 0.00	24.49 -0.50 0.00	31.34 -0.44 0.00	34.24 -0.38 0.00	26.23 -0.43 0.00	23.59 -0.41 0.00	21.02 -0.34 0.00	18.80 -0.21 0.00
HARDSCRABBLE_WT_PWR 323673	16.46 0.21 0.00	15.67 0.19 0.00	14.56 0.14 0.00	14.28 0.16 0.00	14.76 0.18 0.00	16.19 0.24 0.00	22.19 0.41 0.00	24.60 0.34 0.00	24.49 0.36 0.00	21.66 0.32 0.00	21.51 0.26 0.00	21.04 0.21 0.00	19.93 0.20 0.00	20.17 0.24 0.00	20.34 0.28 0.00	21.08 0.31 0.00	21.72 0.43 0.00	25.56 0.58 0.00	32.54 0.76 0.00	35.41 0.80 0.00	27.24 0.59 0.00	24.50 0.50 0.00	21.88 0.51 0.00	19.39 0.38 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	17.85 1.07 -0.53	16.46 0.98 0.00	15.30 0.88 0.00	14.99 0.86 0.00	15.46 0.88 0.00	17.16 1.02 -0.18	25.96 1.50 -2.68	31.88 1.77 -5.86	27.90 1.74 -2.03	25.04 1.49 -2.20	24.84 1.49 -2.10	23.06 1.44 -0.78	22.60 1.40 -1.47	22.27 1.43 -0.91	22.78 1.44 -1.27	24.27 1.47 -2.04	26.55 1.58 -3.67	30.61 1.85 -3.77	38.33 2.35 -4.20	40.81 2.60 -3.59	29.46 1.95 -0.86	25.89 1.63 -0.26	22.88 1.52 0.00	20.21 1.20 0.00

HARSNRAD_115KV_TB1 81005	15.38 -0.89 -0.02	14.94 -0.54 0.00	14.03 -0.39 0.00	13.66 -0.47 0.00	14.25 -0.34 0.00	15.01 -0.96 -0.01	20.67 -1.20 -0.09	23.17 -1.33 -0.24	23.07 -1.09 -0.03	20.83 -0.51 0.00	20.53 -0.72 0.00	20.13 -0.71 0.00	19.12 -0.61 0.00	19.23 -0.70 0.00	19.28 -0.78 0.00	19.75 -1.02 0.00	20.40 -0.92 -0.02	24.22 -0.95 -0.18	30.33 -1.65 -0.21	33.03 -1.66 -0.07	25.60 -1.09 -0.04	23.19 -0.82 -0.01	20.81 -0.56 0.00	17.96 -1.05 0.00
HARZA MOOSE__RIVER 24016	16.35 0.10 0.00	15.56 0.08 0.00	14.45 0.03 0.00	14.20 0.07 0.00	14.69 0.10 0.00	16.13 0.18 0.00	22.15 0.37 0.00	24.67 0.41 0.00	24.44 0.31 0.00	21.56 0.21 0.00	21.38 0.13 0.00	20.88 0.04 0.00	19.71 -0.02 0.00	19.89 -0.04 0.00	20.00 -0.06 0.00	20.74 -0.02 0.00	21.34 0.04 0.00	25.16 0.17 0.00	32.19 0.41 0.00	35.21 0.59 0.00	26.97 0.32 0.00	24.26 0.26 0.00	21.60 0.23 0.00	19.24 0.23 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	16.10 -0.16 -0.02	15.35 -0.14 0.00	14.30 -0.12 0.00	13.99 -0.14 0.00	14.47 -0.12 0.00	15.74 -0.22 -0.01	21.68 -0.15 -0.05	24.34 -0.07 -0.16	24.08 -0.07 -0.02	21.38 0.04 0.00	21.19 -0.06 0.00	20.73 -0.10 0.00	19.63 -0.10 0.00	19.79 -0.14 0.00	19.88 -0.18 0.00	20.53 -0.23 0.00	21.12 -0.19 -0.01	24.96 -0.15 -0.12	31.72 -0.19 -0.13	34.49 -0.17 -0.05	26.55 -0.13 -0.03	23.95 -0.05 -0.01	21.34 -0.02 0.00	18.88 -0.13 0.00
HELLGATE_13_KV_LD 55870	18.08 1.25 -0.59	16.61 1.13 0.00	15.45 1.04 0.00	15.15 1.02 0.00	15.61 1.02 0.00	17.40 1.24 -0.20	26.42 1.92 -2.73	33.84 2.28 -7.30	96.82 2.24 -70.44	28.07 1.98 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.85 -7.78	27.01 1.89 -4.36	26.57 1.98 -3.29	67.88 2.27 -40.62	39.21 2.80 -4.64	41.04 3.08 -3.34	29.97 2.37 -0.95	26.35 2.06 -0.29	23.22 1.86 0.00	20.47 1.46 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	18.08 1.25 -0.59	16.61 1.13 0.00	15.45 1.04 0.00	15.15 1.02 0.00	15.61 1.02 0.00	17.40 1.24 -0.20	26.42 1.92 -2.73	33.84 2.28 -7.30	96.82 2.24 -70.44	28.07 1.98 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.85 -7.78	27.01 1.89 -4.36	26.57 1.98 -3.29	67.88 2.27 -40.62	39.21 2.80 -4.64	41.04 3.08 -3.34	29.97 2.37 -0.95	26.35 2.06 -0.29	23.22 1.86 0.00	20.47 1.46 0.00
HEMPSTEAD____ 23647	18.16 1.32 -0.60	16.61 1.13 0.00	15.43 1.01 0.00	15.10 0.97 0.00	15.62 1.04 0.00	17.48 1.31 -0.21	26.40 1.89 -2.73	32.57 2.11 -6.20	28.47 2.49 -1.86	25.41 2.20 -1.87	25.20 2.10 -1.84	23.54 2.04 -0.66	22.92 1.97 -1.21	22.72 2.01 -0.78	23.17 2.01 -1.10	24.59 2.10 -1.73	26.65 2.17 -3.18	31.61 2.45 -4.17	39.57 3.15 -4.65	41.28 3.32 -3.34	30.27 2.66 -0.96	28.09 2.30 -1.79	23.46 2.07 -0.02	20.64 1.64 0.00
HEWLETT__69_KV_BK3 55828	18.25 1.41 -0.59	16.74 1.25 0.00	15.54 1.12 0.00	15.17 1.05 0.00	15.75 1.17 0.00	17.59 1.44 -0.20	26.58 2.07 -2.73	32.64 2.18 -6.20	28.63 2.68 -1.83	25.54 2.39 -1.81	25.27 2.25 -1.76	23.68 2.21 -0.64	23.06 2.13 -1.19	22.86 2.17 -0.76	23.31 2.19 -1.06	24.68 2.24 -1.67	26.73 2.30 -3.13	31.83 2.67 -4.17	39.82 3.40 -4.64	41.52 3.57 -3.34	30.45 2.85 -0.95	28.22 2.47 -1.76	23.67 2.31 0.00	20.83 1.82 0.00
HICKLING__1 23621	16.21 -0.08 -0.04	15.53 0.05 0.00	14.52 0.10 0.00	14.16 0.03 0.00	14.75 0.16 0.00	15.84 -0.13 -0.01	22.01 0.09 -0.15	25.02 0.36 -0.40	24.66 0.48 -0.05	22.05 0.70 0.00	21.72 0.47 0.00	21.17 0.33 0.00	20.05 0.32 0.00	20.19 0.26 0.00	20.22 0.16 0.00	20.83 0.06 0.00	21.54 0.21 -0.03	25.77 0.47 -0.31	32.54 0.41 -0.34	35.29 0.55 -0.12	27.23 0.51 -0.07	24.45 0.43 -0.02	21.77 0.41 0.00	18.99 -0.02 0.00
HICKLING__2 23622	16.21 -0.08 -0.04	15.53 0.05 0.00	14.52 0.10 0.00	14.16 0.03 0.00	14.75 0.16 0.00	15.84 -0.13 -0.01	22.01 0.09 -0.15	25.02 0.36 -0.40	24.66 0.48 -0.05	22.05 0.70 0.00	21.72 0.47 0.00	21.17 0.33 0.00	20.05 0.32 0.00	20.19 0.26 0.00	20.22 0.16 0.00	20.83 0.06 0.00	21.54 0.21 -0.03	25.77 0.47 -0.31	32.54 0.41 -0.34	35.29 0.55 -0.12	27.23 0.51 -0.07	24.45 0.43 -0.02	21.77 0.41 0.00	18.99 -0.02 0.00
HIGH FALLS__HY 23754	18.03 1.20 -0.58	16.58 1.10 0.00	15.40 0.98 0.00	15.09 0.96 0.00	15.56 0.98 0.00	17.25 1.10 -0.20	25.80 1.63 -2.39	31.87 1.84 -5.77	27.15 1.79 -1.23	23.75 1.52 -0.89	23.64 1.53 -0.85	22.61 1.46 -0.32	21.75 1.42 -0.59	21.73 1.43 -0.37	22.04 1.46 -0.51	23.06 1.47 -0.82	24.65 1.60 -1.75	31.02 1.90 -4.13	38.85 2.48 -4.60	39.79 2.73 -2.44	29.62 2.03 -0.94	26.01 1.73 -0.29	23.01 1.64 0.00	20.28 1.27 0.00
HILLBURN__GT 23639	17.88 1.09 -0.54	16.46 0.98 0.00	15.30 0.88 0.00	15.00 0.88 0.00	15.48 0.89 0.00	17.21 1.07 -0.18	26.18 1.59 -2.82	32.17 1.84 -6.07	28.18 1.81 -2.24	25.42 1.58 -2.50	25.19 1.55 -2.38	23.23 1.50 -0.89	22.86 1.46 -1.67	22.46 1.50 -1.03	23.01 1.51 -1.44	24.63 1.56 -2.31	27.04 1.62 -4.12	30.73 1.90 -3.84	38.44 2.38 -4.28	41.16 2.63 -3.91	29.53 2.00 -0.87	25.94 1.68 -0.27	22.94 1.58 0.00	20.24 1.23 0.00
HILLSIDE_115KV_TB1 80332	16.05 -0.24 -0.04	15.38 -0.11 0.00	14.36 -0.06 0.00	14.02 -0.11 0.00	14.59 0.00 0.00	15.67 -0.30 -0.01	21.76 -0.17 -0.15	24.65 -0.02 -0.42	24.28 0.10 -0.05	21.68 0.34 0.00	21.38 0.13 0.00	20.86 0.02 0.00	19.77 0.04 0.00	19.89 -0.04 0.00	19.94 -0.12 0.00	20.56 -0.21 0.00	21.22 -0.11 -0.03	25.38 0.07 -0.32	32.07 -0.06 -0.35	34.74 0.00 -0.12	26.80 0.08 -0.07	24.09 0.07 -0.02	21.49 0.13 0.00	18.78 -0.23 0.00
HISHELDN_WT_PWR 323625	15.59 -0.68 -0.03	15.10 -0.39 0.00	14.16 -0.26 0.00	13.79 -0.34 0.00	14.40 -0.19 0.00	15.25 -0.72 -0.01	21.10 -0.78 -0.10	23.69 -0.85 -0.29	23.54 -0.63 -0.03	21.19 -0.15 0.00	20.85 -0.40 0.00	20.40 -0.44 0.00	19.38 -0.35 0.00	19.41 -0.52 0.00	19.44 -0.62 0.00	20.04 -0.73 0.00	20.72 -0.60 -0.02	24.68 -0.53 -0.22	31.01 -1.02 -0.24	33.73 -0.97 -0.08	26.12 -0.59 -0.05	23.65 -0.36 -0.02	21.11 -0.26 0.00	18.36 -0.65 0.00
HOLTSVILLE_IC_1 23690	20.72 1.54 -2.93	16.99 1.38 -0.12	15.75 1.21 -0.12	15.39 1.22 -0.04	15.98 1.27 -0.12	20.43 1.53 -2.94	27.05 2.20 -3.08	35.54 2.45 -8.84	34.24 2.97 -7.14	37.74 2.65 -13.75	40.08 2.42 -16.41	27.74 2.40 -4.51	27.29 2.33 -5.23	27.82 2.37 -5.52	32.02 2.41 -9.55	36.54 2.49 -13.28	36.88 2.62 -12.96	37.53 2.82 -9.72	44.36 3.65 -8.93	42.45 3.81 -4.02	43.04 3.09 -13.30	35.03 2.73 -8.30	27.78 2.46 -3.96	21.11 1.98 -0.12
HOLTSVILLE_IC_10 23699	20.72 1.62 -2.84	17.04 1.44 -0.12	15.80 1.27 -0.12	15.44 1.27 -0.04	16.03 1.33 -0.12	20.39 1.60 -2.84	27.15 2.31 -3.06	35.61 2.62 -8.73	34.24 3.16 -6.95	37.47 2.82 -13.31	39.71 2.59 -15.87	27.75 2.54 -4.37	27.28 2.47 -5.08	27.80 2.53 -5.34	31.87 2.57 -9.24	36.28 2.66 -12.85	36.67 2.77 -12.60	37.51 3.02 -9.50	44.45 3.91 -8.76	42.73 4.12 -4.00	42.77 3.30 -12.81	34.98 2.93 -8.06	27.74 2.56 -3.82	21.20 2.07 -0.12

HOLTSVILLE_IC_2 23691	20.72 1.54 -2.93	16.99 1.38 -0.12	15.75 1.21 -0.12	15.39 1.22 -0.04	15.98 1.27 -0.12	20.43 1.53 -2.94	27.05 2.20 -3.08	35.54 2.45 -8.84	34.24 2.97 -7.14	37.74 2.65 -13.75	40.08 2.42 -16.41	27.74 2.40 -4.51	27.29 2.33 -5.23	27.82 2.37 -5.52	32.02 2.41 -9.55	36.54 2.49 -13.28	36.88 2.62 -12.96	37.53 2.82 -9.72	44.36 3.65 -8.93	42.45 3.81 -4.02	43.04 3.09 -13.30	35.03 2.73 -8.30	27.78 2.46 -3.96	21.11 1.98 -0.12
HOLTSVILLE_IC_3 23692	20.72 1.54 -2.93	16.99 1.38 -0.12	15.75 1.21 -0.12	15.39 1.22 -0.04	15.98 1.27 -0.12	20.43 1.53 -2.94	27.05 2.20 -3.08	35.54 2.45 -8.84	34.24 2.97 -7.14	37.74 2.65 -13.75	40.08 2.42 -16.41	27.74 2.40 -4.51	27.29 2.33 -5.23	27.82 2.37 -5.52	32.02 2.41 -9.55	36.54 2.49 -13.28	36.88 2.62 -12.96	37.53 2.82 -9.72	44.36 3.65 -8.93	42.45 3.81 -4.02	43.04 3.09 -13.30	35.03 2.73 -8.30	27.78 2.46 -3.96	21.11 1.98 -0.12
HOLTSVILLE_IC_4 23693	20.72 1.54 -2.93	16.99 1.38 -0.12	15.75 1.21 -0.12	15.39 1.22 -0.04	15.98 1.27 -0.12	20.43 1.53 -2.94	27.05 2.20 -3.08	35.54 2.45 -8.84	34.24 2.97 -7.14	37.74 2.65 -13.75	40.08 2.42 -16.41	27.74 2.40 -4.51	27.29 2.33 -5.23	27.82 2.37 -5.52	32.02 2.41 -9.55	36.54 2.49 -13.28	36.88 2.62 -12.96	37.53 2.82 -9.72	44.36 3.65 -8.93	42.45 3.81 -4.02	43.04 3.09 -13.30	35.03 2.73 -8.30	27.78 2.46 -3.96	21.11 1.98 -0.12
HOLTSVILLE_IC_5 23694	20.72 1.54 -2.93	16.99 1.38 -0.12	15.75 1.21 -0.12	15.39 1.22 -0.04	15.98 1.27 -0.12	20.43 1.53 -2.94	27.05 2.20 -3.08	35.54 2.45 -8.84	34.24 2.97 -7.14	37.74 2.65 -13.75	40.08 2.42 -16.41	27.74 2.40 -4.51	27.29 2.33 -5.23	27.82 2.37 -5.52	32.02 2.41 -9.55	36.54 2.49 -13.28	36.88 2.62 -12.96	37.53 2.82 -9.72	44.36 3.65 -8.93	42.45 3.81 -4.02	43.04 3.09 -13.30	35.03 2.73 -8.30	27.78 2.46 -3.96	21.11 1.98 -0.12
HOLTSVILLE_IC_6 23695	20.72 1.62 -2.84	17.04 1.44 -0.12	15.80 1.27 -0.12	15.44 1.27 -0.04	16.03 1.33 -0.12	20.39 1.60 -2.84	27.15 2.31 -3.06	35.61 2.62 -8.73	34.24 3.16 -6.95	37.47 2.82 -13.31	39.71 2.59 -15.87	27.75 2.54 -4.37	27.28 2.47 -5.08	27.80 2.53 -5.34	31.87 2.57 -9.24	36.28 2.66 -12.85	36.67 2.77 -12.60	37.51 3.02 -9.50	44.45 3.91 -8.76	42.73 4.12 -4.00	42.77 3.30 -12.81	34.98 2.93 -8.06	27.74 2.56 -3.82	21.20 2.07 -0.12
HOLTSVILLE_IC_7 23696	20.72 1.62 -2.84	17.04 1.44 -0.12	15.80 1.27 -0.12	15.44 1.27 -0.04	16.03 1.33 -0.12	20.39 1.60 -2.84	27.15 2.31 -3.06	35.61 2.62 -8.73	34.24 3.16 -6.95	37.47 2.82 -13.31	39.71 2.59 -15.87	27.75 2.54 -4.37	27.28 2.47 -5.08	27.80 2.53 -5.34	31.87 2.57 -9.24	36.28 2.66 -12.85	36.67 2.77 -12.60	37.51 3.02 -9.50	44.45 3.91 -8.76	42.73 4.12 -4.00	42.77 3.30 -12.81	34.98 2.93 -8.06	27.74 2.56 -3.82	21.20 2.07 -0.12
HOLTSVILLE_IC_8 23697	20.72 1.62 -2.84	17.04 1.44 -0.12	15.80 1.27 -0.12	15.44 1.27 -0.04	16.03 1.33 -0.12	20.39 1.60 -2.84	27.15 2.31 -3.06	35.61 2.62 -8.73	34.24 3.16 -6.95	37.47 2.82 -13.31	39.71 2.59 -15.87	27.75 2.54 -4.37	27.28 2.47 -5.08	27.80 2.53 -5.34	31.87 2.57 -9.24	36.28 2.66 -12.85	36.67 2.77 -12.60	37.51 3.02 -9.50	44.45 3.91 -8.76	42.73 4.12 -4.00	42.77 3.30 -12.81	34.98 2.93 -8.06	27.74 2.56 -3.82	21.20 2.07 -0.12
HOLTSVILLE_IC_9 23698	20.72 1.62 -2.84	17.04 1.44 -0.12	15.80 1.27 -0.12	15.44 1.27 -0.04	16.03 1.33 -0.12	20.39 1.60 -2.84	27.15 2.31 -3.06	35.61 2.62 -8.73	34.24 3.16 -6.95	37.47 2.82 -13.31	39.71 2.59 -15.87	27.75 2.54 -4.37	27.28 2.47 -5.08	27.80 2.53 -5.34	31.87 2.57 -9.24	36.28 2.66 -12.85	36.67 2.77 -12.60	37.51 3.02 -9.50	44.45 3.91 -8.76	42.73 4.12 -4.00	42.77 3.30 -12.81	34.98 2.93 -8.06	27.74 2.56 -3.82	21.20 2.07 -0.12
HOMER_HL_115KV_TB2 355744	15.99 -0.29 -0.03	15.44 -0.05 0.00	14.47 0.06 0.00	14.11 -0.01 0.00	14.73 0.15 0.00	15.60 -0.37 -0.01	21.67 -0.22 -0.11	24.26 -0.29 -0.29	24.09 -0.07 -0.04	21.71 0.36 0.00	21.34 0.09 0.00	20.90 0.06 0.00	19.83 0.10 0.00	19.93 0.00 0.00	19.94 -0.12 0.00	20.47 -0.29 0.00	21.19 -0.13 -0.02	25.29 0.07 -0.22	31.78 -0.25 -0.25	34.60 -0.10 -0.09	26.78 0.08 -0.05	24.08 0.07 -0.02	21.53 0.17 0.00	18.76 -0.25 0.00
HOWARD_WT_PWR 323690	16.10 -0.18 -0.03	15.47 -0.02 0.00	14.47 0.06 0.00	14.10 -0.03 0.00	14.70 0.12 0.00	15.76 -0.21 -0.01	21.92 0.02 -0.12	24.77 0.17 -0.34	24.53 0.36 -0.04	21.96 0.62 0.00	21.57 0.32 0.00	21.02 0.19 0.00	19.93 0.20 0.00	20.01 0.08 0.00	20.04 -0.02 0.00	20.68 -0.08 0.00	21.43 0.11 -0.03	25.67 0.42 -0.26	32.42 0.35 -0.29	35.23 0.52 -0.10	27.19 0.48 -0.06	24.49 0.48 -0.02	21.79 0.43 0.00	18.97 -0.04 0.00
HQ_GEN_CEDARS 23644	15.96 -0.29 0.00	15.16 -0.33 0.00	14.11 -0.30 0.00	13.87 -0.25 0.00	14.29 -0.29 0.00	15.70 -0.26 0.00	21.34 -0.44 0.00	23.72 -0.53 0.00	23.62 -0.51 0.00	20.92 -0.43 0.00	20.94 -0.32 0.00	20.50 -0.33 0.00	19.38 -0.36 0.00	19.55 -0.38 0.00	19.70 -0.36 0.00	20.39 -0.37 0.00	20.87 -0.43 0.00	24.41 -0.57 0.00	31.08 -0.70 0.00	33.82 -0.80 0.00	25.99 -0.67 0.00	23.37 -0.62 0.00	20.87 -0.49 0.00	18.69 -0.32 0.00
HQ_GEN_CEDARS_PROXY 323590	15.80 -0.29 0.16	15.31 -0.33 -0.16	14.13 -0.29 0.00	13.87 -0.25 0.00	14.29 -0.29 0.00	15.70 -0.26 0.00	21.34 -0.44 0.00	23.72 -0.53 0.00	23.62 -0.51 0.00	20.92 -0.43 0.00	20.94 -0.32 0.00	20.50 -0.33 0.00	19.38 -0.35 0.00	19.55 -0.38 0.00	19.74 -0.32 0.00	20.39 -0.37 0.00	20.87 -0.43 0.00	24.42 -0.57 0.00	31.08 -0.70 0.00	33.82 -0.79 0.00	25.99 -0.67 0.00	23.35 -0.65 0.00	20.85 -0.51 0.00	18.69 -0.32 0.00
HQ_GEN_IMPORT 323601	15.91 -0.18 0.16	15.44 -0.20 -0.16	14.24 -0.17 0.00	13.96 -0.17 0.00	14.40 -0.19 0.00	15.78 -0.18 0.00	21.43 -0.35 0.00	23.87 -0.39 0.00	23.74 -0.39 0.00	21.00 -0.34 0.00	21.00 -0.25 0.00	20.61 -0.23 0.00	19.52 -0.22 0.00	19.71 -0.22 0.00	19.86 -0.20 0.00	20.54 -0.23 0.00	21.00 -0.30 0.00	24.61 -0.37 0.00	31.30 -0.48 0.00	34.06 -0.56 0.00	26.20 -0.45 0.00	23.56 -0.43 0.00	21.00 -0.36 0.00	18.80 -0.21 0.00
HQ_GEN_WHEEL 23651	15.91 -0.18 0.16	15.44 -0.20 -0.16	14.24 -0.17 0.00	13.96 -0.17 0.00	14.40 -0.19 0.00	15.78 -0.18 0.00	21.43 -0.35 0.00	23.87 -0.39 0.00	23.74 -0.39 0.00	21.00 -0.34 0.00	21.00 -0.25 0.00	20.61 -0.23 0.00	19.52 -0.22 0.00	19.71 -0.22 0.00	19.86 -0.20 0.00	20.54 -0.23 0.00	21.00 -0.30 0.00	24.61 -0.37 0.00	31.30 -0.48 0.00	34.06 -0.56 0.00	26.20 -0.45 0.00	23.56 -0.43 0.00	21.00 -0.36 0.00	18.80 -0.21 0.00
HUDSON_AVE_GT_3 23810	18.05 1.22 -0.59	16.58 1.10 0.00	15.43 1.01 0.00	15.12 0.99 0.00	15.58 0.99 0.00	17.38 1.23 -0.20	26.40 1.89 -2.73	32.74 2.28 -6.20	28.18 2.22 -1.83	25.14 2.01 -1.80	24.93 1.93 -1.74	23.35 1.88 -0.64	22.72 1.80 -1.20	22.48 1.81 -0.74	22.92 1.83 -1.03	24.31 1.89 -1.66	26.36 1.96 -3.11	31.40 2.25 -4.17	39.18 2.76 -4.64	41.08 3.12 -3.34	29.95 2.35 -0.95	26.32 2.04 -0.29	23.20 1.84 0.00	20.47 1.46 0.00





INDECK___OLEAN 23982	15.99 -0.29 -0.03	15.44 -0.05 0.00	14.47 0.06 0.00	14.11 -0.01 0.00	14.73 0.15 0.00	15.61 -0.35 -0.01	21.67 -0.22 -0.11	24.26 -0.29 -0.29	24.09 -0.07 -0.04	21.70 0.36 0.00	21.34 0.09 0.00	20.90 0.06 0.00	19.83 0.10 0.00	19.89 -0.04 0.00	19.88 -0.18 0.00	20.47 -0.29 0.00	21.19 -0.13 -0.02	25.29 0.08 -0.22	31.77 -0.26 -0.25	34.60 -0.10 -0.09	26.76 0.05 -0.05	24.13 0.12 -0.02	21.53 0.17 0.00	18.80 -0.21 0.00
INDECK___OSWEGO 23783	16.42 0.16 -0.01	15.66 0.17 0.00	14.58 0.16 0.00	14.24 0.11 0.00	14.76 0.18 0.00	16.09 0.13 0.00	22.22 0.39 -0.05	25.13 0.73 -0.15	24.87 0.72 -0.02	22.07 0.73 0.00	21.85 0.59 0.00	21.34 0.50 0.00	20.17 0.43 0.00	20.31 0.38 0.00	20.38 0.32 0.00	21.05 0.29 0.00	21.65 0.34 -0.01	25.68 0.58 -0.11	32.73 0.82 -0.12	35.59 0.94 -0.04	27.37 0.69 -0.03	24.65 0.65 -0.01	21.92 0.55 0.00	19.35 0.34 0.00
INDECK___YERKES 23781	15.49 -0.78 -0.03	15.05 -0.43 0.00	14.13 -0.29 0.00	13.76 -0.37 0.00	14.35 -0.23 0.00	15.12 -0.85 -0.01	20.87 -1.00 -0.09	23.34 -1.16 -0.25	23.29 -0.87 -0.03	21.06 -0.28 0.00	20.72 -0.53 0.00	20.34 -0.50 0.00	19.32 -0.42 0.00	19.37 -0.56 0.00	19.38 -0.68 0.00	19.95 -0.81 0.00	20.59 -0.72 -0.02	24.46 -0.73 -0.19	30.63 -1.37 -0.21	33.37 -1.32 -0.07	25.84 -0.85 -0.04	23.48 -0.53 -0.01	21.00 -0.36 0.00	18.19 -0.82 0.00
INDIAN POINT_GT_1 24139	17.89 1.07 -0.57	16.46 0.98 0.00	15.31 0.89 0.00	15.00 0.88 0.00	15.48 0.89 0.00	17.23 1.08 -0.19	26.12 1.61 -2.73	32.35 1.94 -6.15	27.94 1.91 -1.90	24.95 1.69 -1.93	24.75 1.64 -1.86	23.10 1.58 -0.68	22.53 1.52 -1.28	22.28 1.55 -0.79	22.74 1.56 -1.11	24.16 1.62 -1.78	26.25 1.66 -3.29	31.02 1.95 -4.09	38.78 2.45 -4.55	40.83 2.77 -3.44	29.66 2.08 -0.93	26.05 1.78 -0.28	22.97 1.60 0.00	20.26 1.25 0.00
INDIAN POINT_GT_2 23659	17.89 1.07 -0.57	16.46 0.98 0.00	15.31 0.89 0.00	15.00 0.88 0.00	15.48 0.89 0.00	17.23 1.08 -0.19	26.12 1.61 -2.73	32.35 1.94 -6.15	27.94 1.91 -1.90	24.95 1.69 -1.93	24.75 1.64 -1.86	23.10 1.58 -0.68	22.53 1.52 -1.28	22.28 1.55 -0.79	22.74 1.56 -1.11	24.16 1.62 -1.78	26.25 1.66 -3.29	31.02 1.95 -4.09	38.78 2.45 -4.55	40.83 2.77 -3.44	29.66 2.08 -0.93	26.05 1.78 -0.28	22.97 1.60 0.00	20.26 1.25 0.00
INDIAN POINT_GT_3 24019	17.89 1.07 -0.57	16.46 0.98 0.00	15.31 0.89 0.00	15.00 0.88 0.00	15.48 0.89 0.00	17.23 1.08 -0.19	26.12 1.61 -2.73	32.35 1.94 -6.15	27.94 1.91 -1.90	24.95 1.69 -1.93	24.75 1.64 -1.86	23.10 1.58 -0.68	22.53 1.52 -1.28	22.28 1.55 -0.79	22.74 1.56 -1.11	24.16 1.62 -1.78	26.25 1.66 -3.29	31.02 1.95 -4.09	38.78 2.45 -4.55	40.83 2.77 -3.44	29.66 2.08 -0.93	26.05 1.78 -0.28	22.97 1.60 0.00	20.26 1.25 0.00
INDIAN POINT___2 23530	17.88 1.07 -0.56	16.44 0.96 0.00	15.30 0.88 0.00	14.99 0.86 0.00	15.46 0.88 0.00	17.21 1.07 -0.19	26.11 1.59 -2.74	32.27 1.92 -6.09	27.99 1.88 -1.98	25.05 1.64 -2.07	24.83 1.59 -1.99	23.13 1.56 -0.73	22.61 1.50 -1.38	22.32 1.53 -0.85	22.80 1.55 -1.19	24.27 1.60 -1.91	26.45 1.66 -3.49	30.94 1.95 -4.00	38.68 2.45 -4.45	40.86 2.70 -3.55	29.61 2.05 -0.91	26.02 1.75 -0.28	22.94 1.58 0.00	20.24 1.23 0.00
INDIAN POINT___3 23531	17.88 1.06 -0.57	16.44 0.96 0.00	15.30 0.88 0.00	14.99 0.86 0.00	15.46 0.88 0.00	17.22 1.07 -0.19	26.10 1.59 -2.73	32.30 1.89 -6.15	27.91 1.88 -1.90	24.91 1.64 -1.92	24.70 1.59 -1.86	23.08 1.56 -0.68	22.51 1.50 -1.28	22.26 1.53 -0.79	22.72 1.54 -1.11	24.14 1.60 -1.78	26.25 1.66 -3.29	31.03 1.95 -4.09	38.78 2.45 -4.55	40.76 2.70 -3.44	29.63 2.05 -0.93	26.03 1.75 -0.28	22.92 1.56 0.00	20.25 1.24 0.00
INGHAM_C_115KV_TB7 356103	16.64 0.39 0.00	15.86 0.37 0.00	14.73 0.32 0.00	14.45 0.32 0.00	14.94 0.35 0.00	16.37 0.41 0.00	22.43 0.65 0.00	24.84 0.58 0.00	24.71 0.58 0.00	21.85 0.51 0.00	21.70 0.45 0.00	21.25 0.42 0.00	20.13 0.39 0.00	20.35 0.42 0.00	20.53 0.46 0.00	21.24 0.48 0.00	21.89 0.60 0.00	25.76 0.77 0.00	32.77 0.99 0.00	35.69 1.07 0.00	27.45 0.80 0.00	24.69 0.70 0.00	22.09 0.73 0.00	19.58 0.57 0.00
IP CORINTH___1 23988	18.14 1.17 -0.72	16.61 1.13 0.00	15.45 1.04 0.00	15.15 1.02 0.00	15.65 1.06 0.00	17.36 1.16 -0.24	26.36 1.74 -2.84	33.34 2.06 -7.02	27.42 2.00 -1.29	23.84 1.77 -0.73	23.46 1.59 -0.62	22.66 1.56 -0.26	21.50 1.28 -0.49	21.55 1.32 -0.30	21.83 1.34 -0.42	22.89 1.45 -0.68	24.37 1.45 -1.62	31.82 1.70 -5.13	39.94 2.45 -5.72	39.91 2.63 -2.66	29.98 2.16 -1.17	26.15 1.80 -0.36	22.82 1.45 0.00	20.44 1.43 0.00
IP___TICONDEROGA 23804	18.79 1.82 -0.72	17.23 1.75 0.00	16.02 1.60 0.00	15.68 1.55 0.00	16.22 1.63 0.00	17.97 1.77 -0.24	27.32 2.70 -2.84	34.40 3.13 -7.02	28.46 3.04 -1.29	24.83 2.75 -0.73	24.34 2.47 -0.62	23.51 2.42 -0.26	22.19 1.97 -0.49	22.24 2.01 -0.30	22.53 2.05 -0.42	23.64 2.20 -0.68	25.18 2.26 -1.63	32.72 2.60 -5.13	41.05 3.56 -5.71	41.12 3.84 -2.66	31.02 3.20 -1.17	27.01 2.66 -0.36	23.54 2.18 0.00	21.27 2.26 0.00
ISLIP_RES_REC 323679	20.52 1.67 -2.60	17.08 1.49 -0.11	15.83 1.31 -0.11	15.48 1.31 -0.04	16.06 1.37 -0.11	20.15 1.64 -2.55	27.18 2.37 -3.03	35.45 2.74 -8.45	33.80 3.28 -6.39	36.33 2.92 -12.06	38.29 2.70 -14.34	27.45 2.65 -3.96	26.97 2.58 -4.66	27.40 2.63 -4.84	31.08 2.67 -8.35	35.17 2.76 -11.64	35.77 2.90 -11.57	37.10 3.20 -8.91	44.19 4.10 -8.31	42.87 4.33 -3.92	41.62 3.46 -11.50	34.44 3.07 -7.38	27.42 2.65 -3.40	21.26 2.15 -0.11
JAMAICA___27_KV_LOAD 355505	18.02 1.19 -0.59	16.54 1.05 0.00	15.37 0.95 0.00	15.06 0.93 0.00	15.50 0.92 0.00	17.35 1.20 -0.20	26.40 1.89 -2.73	32.79 2.33 -6.20	28.27 2.32 -1.83	25.19 2.05 -1.80	24.84 1.85 -1.74	23.27 1.79 -0.64	22.64 1.72 -1.20	22.42 1.75 -0.74	22.86 1.77 -1.03	24.25 1.83 -1.66	26.34 1.94 -3.11	31.35 2.20 -4.17	39.15 2.73 -4.64	41.01 3.05 -3.34	29.87 2.27 -0.95	26.27 1.99 -0.29	23.20 1.84 0.00	20.42 1.41 0.00
JANIS___SOLAR 323808	16.82 0.49 -0.08	15.98 0.50 0.00	14.86 0.45 0.00	14.54 0.41 0.00	15.11 0.52 0.00	16.49 0.51 -0.03	23.10 1.02 -0.30	26.48 1.43 -0.80	25.53 1.30 -0.10	22.54 1.19 0.00	22.19 0.93 0.00	21.59 0.75 0.00	20.36 0.63 0.00	20.53 0.60 0.00	20.58 0.52 0.00	21.32 0.56 0.00	22.11 0.75 -0.06	26.82 1.22 -0.61	34.14 1.68 -0.68	36.72 1.87 -0.23	28.20 1.41 -0.14	25.31 1.27 -0.04	22.43 1.07 0.00	19.69 0.68 0.00
JARVIS____ 23743	16.30 0.05 0.00	15.53 0.05 0.00	14.45 0.03 0.00	14.17 0.04 0.00	14.63 0.04 0.00	16.02 0.06 0.00	21.89 0.11 0.00	24.36 0.10 0.00	24.20 0.07 0.00	21.41 0.06 0.00	21.28 0.02 0.00	20.86 0.02 0.00	19.75 0.02 0.00	19.97 0.04 0.00	20.10 0.04 0.00	20.80 0.04 0.00	21.38 0.09 0.00	25.09 0.10 0.00	31.91 0.13 0.00	34.76 0.14 0.00	26.79 0.13 0.00	24.11 0.12 0.00	21.47 0.11 0.00	19.07 0.06 0.00

JENNISON___1 23625	17.08 0.68 -0.15	16.15 0.67 0.00	14.99 0.58 0.00	14.71 0.58 0.00	15.27 0.69 0.00	16.72 0.72 -0.05	23.55 1.24 -0.53	27.26 1.60 -1.40	25.79 1.50 -0.17	22.71 1.37 0.00	22.44 1.19 0.00	21.86 1.02 0.00	20.64 0.91 0.00	20.79 0.86 0.00	20.87 0.80 0.00	21.59 0.83 0.00	22.39 0.98 -0.11	27.48 1.42 -1.07	34.88 1.91 -1.19	37.10 2.08 -0.41	28.52 1.63 -0.24	25.48 1.42 -0.07	22.60 1.24 0.00	19.83 0.82 0.00
JENNISON___2 23626	17.08 0.68 -0.15	16.15 0.67 0.00	14.99 0.58 0.00	14.71 0.58 0.00	15.27 0.69 0.00	16.72 0.72 -0.05	23.55 1.24 -0.53	27.26 1.60 -1.40	25.79 1.50 -0.17	22.71 1.37 0.00	22.44 1.19 0.00	21.86 1.02 0.00	20.64 0.91 0.00	20.79 0.86 0.00	20.87 0.80 0.00	21.59 0.83 0.00	22.39 0.98 -0.11	27.48 1.42 -1.07	34.88 1.91 -1.19	37.10 2.08 -0.41	28.52 1.63 -0.24	25.48 1.42 -0.07	22.60 1.24 0.00	19.83 0.82 0.00
JERICHO_RISE_WT_PWR 323719	15.81 -0.44 0.00	15.00 -0.48 0.00	13.97 -0.45 0.00	13.75 -0.38 0.00	14.15 -0.44 0.00	15.57 -0.38 0.00	21.23 -0.54 0.00	23.82 -0.44 0.00	23.81 -0.31 0.00	21.06 -0.28 0.00	21.15 -0.11 0.00	20.71 -0.12 0.00	19.52 -0.22 0.00	19.73 -0.20 0.00	19.98 -0.08 0.00	20.64 -0.12 0.00	21.23 -0.06 0.00	24.89 -0.10 0.00	31.65 -0.13 0.00	34.41 -0.21 0.00	26.33 -0.32 0.00	23.56 -0.43 0.00	20.91 -0.45 0.00	18.74 -0.27 0.00
KATONAH___115KV_46KV_TB4 355592	18.00 1.15 -0.60	16.55 1.07 0.00	15.40 0.98 0.00	15.09 0.96 0.00	15.55 0.96 0.00	17.32 1.16 -0.20	26.26 1.76 -2.72	32.68 2.16 -6.26	27.99 2.12 -1.74	24.82 1.84 -1.64	24.62 1.76 -1.60	23.15 1.73 -0.58	22.48 1.66 -1.09	22.28 1.67 -0.68	22.69 1.69 -0.94	24.00 1.72 -1.51	25.89 1.70 -2.88	31.25 2.00 -4.26	39.13 2.61 -4.75	40.92 3.08 -3.23	29.89 2.27 -0.97	26.23 1.94 -0.30	23.07 1.71 0.00	20.36 1.35 0.00
KCE_NY_1 323755	17.93 0.96 -0.72	16.41 0.93 0.00	15.27 0.85 0.00	14.96 0.83 0.00	15.46 0.88 0.00	17.17 0.97 -0.24	26.03 1.41 -2.84	32.94 1.67 -7.01	27.06 1.64 -1.29	23.49 1.41 -0.73	23.15 1.28 -0.62	22.35 1.25 -0.26	21.35 1.12 -0.49	21.41 1.18 -0.30	21.69 1.20 -0.42	22.73 1.29 -0.68	24.29 1.36 -1.63	31.72 1.60 -5.13	39.62 2.13 -5.71	39.57 2.28 -2.67	29.63 1.81 -1.17	25.86 1.51 -0.36	22.60 1.24 0.00	20.17 1.16 0.00
KCE_NY_6_ESR 323823	15.69 -0.58 -0.03	15.21 -0.28 0.00	14.27 -0.14 0.00	13.90 -0.23 0.00	14.50 -0.09 0.00	15.31 -0.65 -0.01	21.18 -0.70 -0.10	23.67 -0.85 -0.27	23.58 -0.58 -0.03	21.30 -0.04 0.00	20.96 -0.30 0.00	20.54 -0.29 0.00	19.54 -0.20 0.00	19.57 -0.36 0.00	19.60 -0.46 0.00	20.16 -0.60 0.00	20.83 -0.49 -0.02	24.79 -0.40 -0.20	31.05 -0.95 -0.23	33.83 -0.86 -0.08	26.19 -0.51 -0.05	23.77 -0.24 -0.01	21.24 -0.13 0.00	18.44 -0.57 0.00
KEDC_PORT_JEFF_GT2 24210	20.97 1.62 -3.10	17.06 1.44 -0.13	15.80 1.25 -0.13	15.42 1.24 -0.04	16.03 1.31 -0.13	20.69 1.60 -3.14	27.16 2.29 -3.10	35.85 2.57 -9.02	34.77 3.11 -7.53	38.73 2.77 -14.61	41.27 2.55 -17.46	28.13 2.50 -4.79	27.70 2.45 -5.52	28.28 2.49 -5.86	32.76 2.53 -10.17	37.50 2.62 -14.12	37.68 2.71 -13.67	37.99 2.90 -10.10	44.63 3.62 -9.23	42.60 3.91 -4.07	43.95 3.14 -14.16	35.58 2.81 -8.78	28.16 2.54 -4.25	21.18 2.04 -0.13
KEDC_PORT_JEFF_GT3 24211	20.97 1.62 -3.10	17.06 1.44 -0.13	15.80 1.25 -0.13	15.42 1.24 -0.04	16.03 1.31 -0.13	20.69 1.60 -3.14	27.16 2.29 -3.10	35.85 2.57 -9.02	34.77 3.11 -7.53	38.73 2.77 -14.61	41.27 2.55 -17.46	28.13 2.50 -4.79	27.70 2.45 -5.52	28.28 2.49 -5.86	32.76 2.53 -10.17	37.50 2.62 -14.12	37.68 2.71 -13.67	37.99 2.90 -10.10	44.63 3.62 -9.23	42.60 3.91 -4.07	43.95 3.14 -14.16	35.58 2.81 -8.78	28.16 2.54 -4.25	21.18 2.04 -0.13
KEDC_GLWD_GT4 24219	18.18 1.33 -0.60	16.65 1.16 0.00	15.46 1.04 0.00	15.15 1.02 0.00	15.65 1.06 0.00	17.49 1.32 -0.21	26.45 1.94 -2.73	32.66 2.21 -6.20	28.42 2.44 -1.86	25.37 2.15 -1.87	25.18 2.08 -1.84	23.54 2.04 -0.66	22.90 1.95 -1.21	22.70 1.99 -0.78	23.17 2.01 -1.10	24.57 2.08 -1.73	26.63 2.15 -3.18	31.61 2.45 -4.17	39.57 3.15 -4.65	41.31 3.36 -3.34	30.25 2.64 -0.96	28.06 2.28 -1.79	23.44 2.05 -0.02	20.62 1.61 0.00
KEDC_GLWD_GT5 24220	18.18 1.33 -0.60	16.65 1.16 0.00	15.46 1.04 0.00	15.15 1.02 0.00	15.65 1.06 0.00	17.49 1.32 -0.21	26.45 1.94 -2.73	32.66 2.21 -6.20	28.42 2.44 -1.86	25.37 2.15 -1.87	25.18 2.08 -1.84	23.54 2.04 -0.66	22.90 1.95 -1.21	22.70 1.99 -0.78	23.17 2.01 -1.10	24.57 2.08 -1.73	26.63 2.15 -3.18	31.61 2.45 -4.17	39.57 3.15 -4.65	41.31 3.36 -3.34	30.25 2.64 -0.96	28.06 2.28 -1.79	23.44 2.05 -0.02	20.62 1.61 0.00
KENSICO____ 23655	17.95 1.12 -0.58	16.49 1.01 0.00	15.34 0.92 0.00	15.03 0.90 0.00	15.50 0.92 0.00	17.28 1.13 -0.20	26.19 1.68 -2.73	32.46 2.01 -6.19	27.95 1.98 -1.85	24.92 1.75 -1.83	24.72 1.70 -1.77	23.13 1.65 -0.65	22.55 1.60 -1.22	22.32 1.63 -0.75	22.76 1.65 -1.05	24.16 1.70 -1.69	26.20 1.75 -3.15	31.18 2.05 -4.15	38.97 2.57 -4.62	40.82 2.84 -3.37	29.75 2.16 -0.94	26.13 1.85 -0.29	23.03 1.67 0.00	20.32 1.31 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	17.98 1.19 -0.55	16.58 1.10 0.00	15.40 0.98 0.00	15.09 0.96 0.00	15.56 0.98 0.00	17.24 1.10 -0.18	25.54 1.61 -2.15	31.42 1.84 -5.32	26.91 1.81 -0.98	23.41 1.52 -0.55	23.33 1.53 -0.55	22.49 1.46 -0.20	21.50 1.40 -0.37	21.59 1.43 -0.23	21.85 1.46 -0.32	22.75 1.47 -0.51	24.12 1.60 -1.23	30.81 1.92 -3.89	38.59 2.48 -4.33	39.40 2.77 -2.02	29.56 2.03 -0.89	25.99 1.73 -0.27	22.97 1.60 0.00	20.28 1.27 0.00
KIAC_JFK_GT1 23816	17.99 1.15 -0.59	16.49 1.01 0.00	15.32 0.91 0.00	15.03 0.90 0.00	15.48 0.89 0.00	17.30 1.15 -0.20	26.34 1.83 -2.73	32.74 2.28 -6.20	28.23 2.27 -1.83	25.14 2.01 -1.80	24.80 1.81 -1.74	23.22 1.75 -0.64	22.61 1.68 -1.20	22.38 1.71 -0.74	22.82 1.73 -1.03	24.21 1.79 -1.66	26.30 1.90 -3.11	31.30 2.15 -4.17	39.06 2.64 -4.64	40.90 2.94 -3.34	29.81 2.21 -0.95	26.20 1.92 -0.29	23.14 1.77 0.00	20.36 1.35 0.00
KIAC_JFK_GT2 23817	17.99 1.15 -0.59	16.49 1.01 0.00	15.32 0.91 0.00	15.03 0.90 0.00	15.48 0.89 0.00	17.30 1.15 -0.20	26.34 1.83 -2.73	32.74 2.28 -6.20	28.23 2.27 -1.83	25.14 2.01 -1.80	24.80 1.81 -1.74	23.22 1.75 -0.64	22.61 1.68 -1.20	22.38 1.71 -0.74	22.82 1.73 -1.03	24.21 1.79 -1.66	26.30 1.90 -3.11	31.30 2.15 -4.17	39.06 2.64 -4.64	40.90 2.94 -3.34	29.81 2.21 -0.95	26.20 1.92 -0.29	23.14 1.77 0.00	20.36 1.35 0.00
KIAC_JFK____ 323774	17.99 1.15 -0.59	16.49 1.01 0.00	15.33 0.91 0.00	15.02 0.89 0.00	15.48 0.89 0.00	17.30 1.15 -0.20	26.34 1.83 -2.73	32.76 2.31 -6.20	28.23 2.27 -1.83	25.14 2.01 -1.80	24.80 1.81 -1.74	23.22 1.75 -0.64	22.59 1.66 -1.20	22.36 1.69 -0.74	22.82 1.73 -1.03	24.19 1.76 -1.66	26.30 1.89 -3.11	31.30 2.15 -4.17	39.05 2.64 -4.64	40.90 2.94 -3.34	29.81 2.21 -0.95	26.20 1.92 -0.29	23.16 1.79 0.00	20.36 1.35 0.00

KINTIGH____ 23543	15.34 -0.93 -0.02	14.87 -0.62 0.00	13.94 -0.48 0.00	13.59 -0.54 0.00	14.15 -0.44 0.00	14.97 -0.99 -0.01	20.62 -1.24 -0.08	23.18 -1.31 -0.23	23.02 -1.13 -0.03	20.74 -0.60 0.00	20.47 -0.79 0.00	20.07 -0.77 0.00	19.06 -0.67 0.00	19.17 -0.76 0.00	19.22 -0.84 0.00	19.73 -1.04 0.00	20.36 -0.96 -0.02	24.14 -1.02 -0.17	30.29 -1.68 -0.19	32.95 -1.73 -0.07	25.52 -1.17 -0.04	23.12 -0.89 -0.01	20.72 -0.64 0.00	17.93 -1.08 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	15.94 -0.31 0.00	15.11 -0.37 0.00	14.09 -0.33 0.00	13.87 -0.25 0.00	14.27 -0.32 0.00	15.72 -0.24 0.00	21.47 -0.30 0.00	24.16 -0.10 0.00	24.15 0.02 0.00	21.38 0.04 0.00	21.45 0.19 0.00	20.98 0.15 0.00	19.75 0.02 0.00	19.97 0.04 0.00	20.20 0.14 0.00	20.91 0.15 0.00	21.53 0.23 0.00	25.29 0.30 0.00	32.13 0.35 0.00	34.89 0.28 0.00	26.71 0.05 0.00	23.87 -0.12 0.00	21.17 -0.19 0.00	18.95 -0.06 0.00
LACHUTE__HYDRO 323717	18.79 1.82 -0.72	17.23 1.75 0.00	16.00 1.59 0.00	15.68 1.55 0.00	16.22 1.63 0.00	17.97 1.77 -0.24	27.32 2.70 -2.84	34.40 3.13 -7.02	28.46 3.04 -1.29	24.83 2.75 -0.73	24.33 2.46 -0.62	23.51 2.42 -0.26	22.19 1.97 -0.49	22.27 2.03 -0.30	22.53 2.05 -0.42	23.64 2.20 -0.68	25.18 2.26 -1.63	32.72 2.60 -5.13	41.05 3.56 -5.71	41.12 3.84 -2.66	31.02 3.20 -1.17	27.01 2.66 -0.36	23.54 2.18 0.00	21.27 2.26 0.00
LAWRNCV_115KV_TB1 80681	15.94 -0.31 0.00	15.13 -0.36 0.00	14.09 -0.33 0.00	13.85 -0.28 0.00	14.27 -0.32 0.00	15.70 -0.26 0.00	21.39 -0.39 0.00	23.77 -0.49 0.00	23.65 -0.48 0.00	20.89 -0.45 0.00	20.94 -0.32 0.00	20.48 -0.35 0.00	19.34 -0.39 0.00	19.49 -0.44 0.00	19.64 -0.42 0.00	20.35 -0.42 0.00	20.81 -0.49 0.00	24.29 -0.70 0.00	30.99 -0.79 0.00	33.75 -0.87 0.00	25.88 -0.77 0.00	23.32 -0.67 0.00	20.87 -0.49 0.00	18.71 -0.30 0.00
LEDERLE____ 23769	17.92 1.12 -0.55	16.51 1.02 0.00	15.34 0.92 0.00	15.03 0.90 0.00	15.50 0.92 0.00	17.24 1.10 -0.19	26.20 1.63 -2.79	32.28 1.94 -6.08	28.22 1.95 -2.14	25.39 1.71 -2.34	25.14 1.66 -2.23	23.29 1.63 -0.83	22.86 1.56 -1.57	22.49 1.59 -0.97	23.02 1.61 -1.35	24.60 1.66 -2.17	26.91 1.73 -3.89	30.92 2.02 -3.90	38.67 2.54 -4.35	41.23 2.84 -3.78	29.67 2.13 -0.89	26.09 1.82 -0.27	22.99 1.62 0.00	20.30 1.29 0.00
LIGHTHSE_115KV_TB6 355974	16.29 0.03 -0.01	15.52 0.03 0.00	14.43 0.01 0.00	14.13 0.00 0.00	14.64 0.06 0.00	15.96 0.00 0.00	22.00 0.17 -0.04	24.80 0.41 -0.13	24.51 0.36 -0.02	21.71 0.36 0.00	21.51 0.26 0.00	21.04 0.21 0.00	19.89 0.16 0.00	20.03 0.10 0.00	20.12 0.06 0.00	20.76 0.00 -0.01	21.35 0.04 -0.10	25.31 0.22 -0.10	32.34 0.44 -0.11	35.17 0.52 -0.04	27.08 0.40 -0.02	24.41 0.41 -0.01	21.68 0.32 0.00	19.16 0.15 0.00
LINDEN COGEN____ 23786	17.97 1.14 -0.59	16.49 1.01 0.00	15.34 0.92 0.00	15.03 0.91 0.00	15.49 0.90 0.00	17.29 1.13 -0.20	26.31 1.81 -2.73	32.59 2.14 -6.20	28.03 2.08 -1.83	24.97 1.84 -1.80	24.80 1.81 -1.74	23.20 1.73 -0.64	22.59 1.66 -1.20	22.34 1.67 -0.74	22.78 1.69 -1.03	24.17 1.74 -1.66	26.24 1.83 -3.11	31.20 2.05 -4.17	38.92 2.51 -4.63	40.80 2.84 -3.34	29.76 2.16 -0.95	26.16 1.87 -0.29	23.07 1.71 0.00	20.34 1.33 0.00
LINDHRST_69_KV_BK1 356055	18.45 1.46 -0.74	16.82 1.33 -0.01	15.59 1.17 -0.01	15.25 1.12 0.00	15.82 1.23 -0.01	17.84 1.50 -0.38	26.71 2.18 -2.75	32.96 2.35 -6.35	29.21 2.90 -2.18	26.49 2.54 -2.61	26.40 2.40 -2.75	24.09 2.35 -0.90	23.46 2.27 -1.46	23.36 2.35 -1.08	24.06 2.37 -1.63	25.65 2.43 -2.45	27.67 2.58 -3.79	32.42 2.95 -4.48	40.41 3.75 -4.88	41.91 3.91 -3.38	31.41 3.12 -1.64	28.92 2.74 -2.19	24.06 2.44 -0.27	20.97 1.96 -0.01
LIPA_MISC_IPP 23656	20.72 1.54 -2.92	17.06 1.46 -0.12	15.81 1.27 -0.12	15.39 1.22 -0.04	16.04 1.33 -0.12	20.49 1.60 -2.94	27.14 2.29 -3.07	35.58 2.50 -8.83	34.37 3.11 -7.13	37.77 2.71 -13.72	40.18 2.55 -16.37	27.86 2.52 -4.50	27.40 2.45 -5.22	27.95 2.51 -5.51	32.12 2.53 -9.53	36.64 2.62 -13.26	36.99 2.75 -12.94	37.79 3.10 -9.70	44.54 3.85 -8.91	42.72 4.08 -4.02	43.16 3.25 -13.26	35.19 2.90 -8.29	27.86 2.54 -3.96	21.20 2.07 -0.12
LISF__SOLAR 323691	20.81 1.66 -2.91	17.09 1.49 -0.12	15.84 1.30 -0.12	15.46 1.29 -0.04	16.06 1.36 -0.12	20.50 1.63 -2.92	27.18 2.33 -3.07	35.69 2.62 -8.81	34.38 3.16 -7.10	37.80 2.82 -13.64	40.10 2.57 -16.27	27.85 2.54 -4.48	27.39 2.47 -5.19	27.89 2.49 -5.47	32.09 2.55 -9.47	36.58 2.64 -13.18	36.94 2.77 -12.87	37.70 3.05 -9.66	44.61 3.94 -8.89	42.79 4.15 -4.02	43.16 3.33 -13.18	35.19 2.95 -8.24	27.90 2.61 -3.93	21.22 2.09 -0.12
LITTLE FALLS__HYD 24013	16.64 0.39 0.00	15.86 0.37 0.00	14.73 0.32 0.00	14.45 0.32 0.00	14.94 0.35 0.00	16.37 0.41 0.00	22.43 0.65 0.00	24.84 0.58 0.00	24.71 0.58 0.00	21.85 0.51 0.00	21.70 0.45 0.00	21.25 0.42 0.00	20.13 0.39 0.00	20.35 0.42 0.00	20.53 0.46 0.00	21.24 0.48 0.00	21.89 0.60 0.00	25.76 0.77 0.00	32.77 0.99 0.00	35.69 1.07 0.00	27.45 0.80 0.00	24.69 0.70 0.00	22.09 0.73 0.00	19.58 0.57 0.00
LITTLRIV_115KV_TB1 356100	16.05 -0.19 0.00	15.24 -0.25 0.00	14.17 -0.25 0.00	13.94 -0.18 0.00	14.37 -0.22 0.00	15.84 -0.11 0.00	21.60 -0.17 0.00	24.14 -0.12 0.00	23.96 -0.17 0.00	21.15 -0.19 0.00	21.17 -0.09 0.00	20.71 -0.13 0.00	19.52 -0.22 0.00	19.69 -0.24 0.00	19.84 -0.22 0.00	20.53 -0.23 0.00	21.02 -0.28 0.00	24.61 -0.37 0.00	31.24 -0.54 0.00	33.99 -0.62 0.00	26.09 -0.56 0.00	23.51 -0.48 0.00	21.02 -0.34 0.00	18.82 -0.19 0.00
LI_NEWBRDGE__DRP 323616	18.08 1.25 -0.58	16.60 1.11 0.00	15.40 0.98 0.00	15.03 0.90 0.00	15.62 1.04 0.00	17.44 1.29 -0.19	26.38 1.87 -2.73	32.45 1.99 -6.20	28.45 2.51 -1.81	25.32 2.20 -1.78	25.06 2.08 -1.72	23.48 2.02 -0.63	22.87 1.95 -1.18	22.67 1.99 -0.74	23.11 2.01 -1.04	24.48 2.08 -1.64	26.56 2.15 -3.11	31.58 2.42 -4.17	39.47 3.05 -4.64	41.18 3.22 -3.34	30.19 2.59 -0.95	27.99 2.26 -1.74	23.45 2.09 0.01	20.64 1.63 0.00
LOCKPORT_115KV_TB60_63_64 80432	15.36 -0.91 -0.02	14.93 -0.56 0.00	14.01 -0.40 0.00	13.66 -0.47 0.00	14.24 -0.35 0.00	15.01 -0.96 -0.01	20.67 -1.20 -0.09	23.16 -1.33 -0.24	23.07 -1.09 -0.03	20.83 -0.51 0.00	20.53 -0.72 0.00	20.13 -0.71 0.00	19.12 -0.61 0.00	19.23 -0.70 0.00	19.28 -0.78 0.00	19.75 -1.02 0.00	20.40 -0.92 -0.02	24.22 -0.95 -0.18	30.36 -1.62 -0.20	33.02 -1.66 -0.07	25.60 -1.09 -0.04	23.19 -0.82 -0.01	20.81 -0.56 0.00	17.96 -1.05 0.00
LOCKPORT__CC1 323769	15.36 -0.91 -0.02	14.94 -0.54 0.00	14.03 -0.39 0.00	13.66 -0.47 0.00	14.25 -0.33 0.00	15.02 -0.94 -0.01	20.67 -1.20 -0.09	23.14 -1.36 -0.24	23.07 -1.09 -0.03	20.85 -0.49 0.00	20.53 -0.72 0.00	20.13 -0.71 0.00	19.12 -0.61 0.00	19.17 -0.76 0.00	19.18 -0.88 0.00	19.77 -1.00 0.00	20.40 -0.92 -0.02	24.22 -0.95 -0.18	30.33 -1.65 -0.21	33.03 -1.66 -0.07	25.58 -1.12 -0.04	23.26 -0.74 -0.01	20.81 -0.56 0.00	18.02 -0.99 0.00

LOCKPORT___CC2 323770	15.36 -0.91 -0.02	14.94 -0.54 0.00	14.03 -0.39 0.00	13.66 -0.47 0.00	14.25 -0.33 0.00	15.02 -0.94 -0.01	20.67 -1.20 -0.09	23.14 -1.36 -0.24	23.07 -1.09 -0.03	20.85 -0.49 0.00	20.53 -0.72 0.00	20.13 -0.71 0.00	19.12 -0.61 0.00	19.17 -0.76 0.00	19.18 -0.88 0.00	19.77 -1.00 0.00	20.40 -0.92 -0.02	24.22 -0.95 -0.18	30.33 -1.65 -0.21	33.03 -1.66 -0.07	25.58 -1.12 -0.04	23.26 -0.74 -0.01	20.81 -0.56 0.00	18.02 -0.99 0.00
LOCKPORT___CC3 323771	15.36 -0.91 -0.02	14.94 -0.54 0.00	14.03 -0.39 0.00	13.66 -0.47 0.00	14.25 -0.33 0.00	15.02 -0.94 -0.01	20.67 -1.20 -0.09	23.14 -1.36 -0.24	23.07 -1.09 -0.03	20.85 -0.49 0.00	20.53 -0.72 0.00	20.13 -0.71 0.00	19.12 -0.61 0.00	19.17 -0.76 0.00	19.18 -0.88 0.00	19.77 -1.00 0.00	20.40 -0.92 -0.02	24.22 -0.95 -0.18	30.33 -1.65 -0.21	33.03 -1.66 -0.07	25.58 -1.12 -0.04	23.26 -0.74 -0.01	20.81 -0.56 0.00	18.02 -0.99 0.00
LONG_LAKE_PHOENIX 24014	16.34 0.08 -0.01	15.58 0.09 0.00	14.50 0.09 0.00	14.17 0.04 0.00	14.69 0.10 0.00	16.01 0.05 0.00	22.09 0.26 -0.05	24.86 0.46 -0.15	24.60 0.46 -0.02	21.83 0.49 0.00	21.64 0.38 0.00	21.13 0.29 0.00	19.97 0.24 0.00	20.13 0.20 0.00	20.22 0.16 0.00	20.87 0.10 0.00	21.48 0.17 -0.01	25.43 0.32 -0.11	32.41 0.51 -0.12	35.25 0.59 -0.04	27.08 0.40 -0.03	24.41 0.41 -0.01	21.75 0.38 0.00	19.22 0.21 0.00
LOVETT___3 23632	17.86 1.06 -0.55	16.44 0.96 0.00	15.28 0.86 0.00	14.98 0.85 0.00	15.45 0.86 0.00	17.19 1.05 -0.19	26.12 1.57 -2.77	32.20 1.87 -6.08	28.05 1.83 -2.09	25.22 1.62 -2.26	24.98 1.57 -2.16	23.16 1.52 -0.80	22.71 1.48 -1.50	22.37 1.51 -0.93	22.88 1.52 -1.30	24.40 1.56 -2.08	26.70 1.64 -3.77	30.81 1.90 -3.93	38.57 2.42 -4.37	40.99 2.67 -3.70	29.57 2.03 -0.89	25.99 1.73 -0.27	22.90 1.54 0.00	20.23 1.22 0.00
LOVETT___4 23642	17.86 1.06 -0.55	16.44 0.96 0.00	15.28 0.86 0.00	14.98 0.85 0.00	15.45 0.86 0.00	17.19 1.05 -0.19	26.12 1.57 -2.77	32.20 1.87 -6.08	28.05 1.83 -2.09	25.22 1.62 -2.26	24.98 1.57 -2.16	23.16 1.52 -0.80	22.71 1.48 -1.50	22.37 1.51 -0.93	22.88 1.52 -1.30	24.40 1.56 -2.08	26.70 1.64 -3.77	30.81 1.90 -3.93	38.57 2.42 -4.37	40.99 2.67 -3.70	29.57 2.03 -0.89	25.99 1.73 -0.27	22.90 1.54 0.00	20.23 1.22 0.00
LOVETT___5 23593	17.86 1.06 -0.55	16.44 0.96 0.00	15.28 0.86 0.00	14.98 0.85 0.00	15.45 0.86 0.00	17.19 1.05 -0.19	26.12 1.57 -2.77	32.20 1.87 -6.08	28.05 1.83 -2.09	25.22 1.62 -2.26	24.98 1.57 -2.16	23.16 1.52 -0.80	22.71 1.48 -1.50	22.37 1.51 -0.93	22.88 1.52 -1.30	24.40 1.56 -2.08	26.70 1.64 -3.77	30.81 1.90 -3.93	38.57 2.42 -4.37	40.99 2.67 -3.70	29.57 2.03 -0.89	25.99 1.73 -0.27	22.90 1.54 0.00	20.23 1.22 0.00
LOWER RAQUET___HYD 24057	15.92 -0.32 0.00	15.13 -0.36 0.00	14.09 -0.33 0.00	13.85 -0.28 0.00	14.27 -0.32 0.00	15.70 -0.26 0.00	21.41 -0.37 0.00	23.77 -0.48 0.00	23.65 -0.48 0.00	20.89 -0.45 0.00	20.91 -0.34 0.00	20.48 -0.35 0.00	19.32 -0.42 0.00	19.47 -0.46 0.00	19.66 -0.40 0.00	20.33 -0.44 0.00	20.79 -0.51 0.00	24.24 -0.75 0.00	30.95 -0.83 0.00	33.72 -0.90 0.00	25.85 -0.80 0.00	23.27 -0.72 0.00	20.87 -0.49 0.00	18.70 -0.30 0.00
LOWER___HUDSON 24059	17.63 0.67 -0.71	16.15 0.67 0.00	15.02 0.61 0.00	14.74 0.61 0.00	15.21 0.63 0.00	16.91 0.72 -0.24	25.60 1.00 -2.82	32.41 1.19 -6.96	26.61 1.18 -1.30	23.06 0.96 -0.76	22.75 0.87 -0.62	21.94 0.83 -0.27	21.03 0.79 -0.51	21.10 0.86 -0.31	21.38 0.88 -0.44	22.42 0.96 -0.70	24.01 1.04 -1.66	31.30 1.22 -5.08	39.03 1.59 -5.66	38.99 1.70 -2.67	29.14 1.33 -1.16	25.45 1.10 -0.35	22.26 0.90 0.00	19.79 0.78 0.00
LOWVILLE_115KV_TB2 356335	16.18 -0.06 0.00	15.41 -0.08 0.00	14.30 -0.12 0.00	14.06 -0.07 0.00	14.56 -0.03 0.00	16.00 0.05 0.00	22.00 0.22 0.00	24.50 0.24 0.00	24.25 0.12 0.00	21.36 0.02 0.00	21.19 -0.06 0.00	20.69 -0.15 0.00	19.50 -0.24 0.00	19.67 -0.26 0.00	19.80 -0.26 0.00	20.53 -0.23 0.00	21.15 -0.15 0.00	24.94 -0.05 0.00	31.97 0.19 0.00	35.07 0.45 0.00	26.79 0.13 0.00	24.09 0.10 0.00	21.43 0.06 0.00	19.14 0.13 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	17.93 0.96 -0.72	16.41 0.93 0.00	15.27 0.85 0.00	14.96 0.83 0.00	15.45 0.86 0.00	17.16 0.96 -0.24	26.01 1.39 -2.84	32.92 1.65 -7.01	27.04 1.62 -1.29	23.46 1.39 -0.73	23.12 1.25 -0.62	22.33 1.23 -0.26	21.35 1.12 -0.49	21.39 1.16 -0.30	21.67 1.18 -0.42	22.73 1.29 -0.68	24.27 1.34 -1.63	31.69 1.57 -5.13	39.59 2.10 -5.71	39.53 2.25 -2.67	29.60 1.79 -1.17	25.84 1.49 -0.36	22.58 1.22 0.00	20.15 1.14 0.00
LUTHERNY_35_KV_BK2 355980	17.93 0.96 -0.72	16.41 0.93 0.00	15.27 0.85 0.00	14.96 0.83 0.00	15.46 0.88 0.00	17.17 0.97 -0.24	26.03 1.42 -2.84	32.94 1.67 -7.01	27.06 1.64 -1.29	23.49 1.41 -0.73	23.15 1.28 -0.62	22.35 1.25 -0.26	21.35 1.12 -0.49	21.39 1.16 -0.30	21.69 1.20 -0.42	22.73 1.29 -0.68	24.29 1.36 -1.63	31.72 1.60 -5.13	39.62 2.13 -5.71	39.57 2.28 -2.67	29.63 1.81 -1.17	25.86 1.51 -0.36	22.58 1.22 0.00	20.17 1.16 0.00
LWR___OSWEGATCHIE_HYD 23850	15.97 -0.28 0.00	15.19 -0.29 0.00	14.11 -0.30 0.00	13.87 -0.25 0.00	14.32 -0.26 0.00	15.76 -0.19 0.00	21.58 -0.20 0.00	24.04 -0.22 0.00	23.84 -0.29 0.00	21.04 -0.30 0.00	20.98 -0.28 0.00	20.50 -0.33 0.00	19.34 -0.39 0.00	19.49 -0.44 0.00	19.64 -0.42 0.00	20.35 -0.42 0.00	20.87 -0.43 0.00	24.49 -0.50 0.00	31.34 -0.44 0.00	34.24 -0.38 0.00	26.23 -0.43 0.00	23.61 -0.38 0.00	21.02 -0.34 0.00	18.80 -0.21 0.00
LYONS_FALL_HYD 23570	16.35 0.10 0.00	15.56 0.08 0.00	14.45 0.03 0.00	14.20 0.07 0.00	14.69 0.10 0.00	16.13 0.18 0.00	22.15 0.37 0.00	24.67 0.41 0.00	24.44 0.31 0.00	21.56 0.21 0.00	21.38 0.13 0.00	20.88 0.04 0.00	19.71 -0.02 0.00	19.89 -0.04 0.00	20.00 -0.06 0.00	20.72 -0.04 0.00	21.36 0.06 0.00	25.17 0.18 0.00	32.19 0.41 0.00	35.21 0.59 0.00	26.97 0.32 0.00	24.26 0.26 0.00	21.60 0.24 0.00	19.26 0.25 0.00
MADISON___COUNTY_LFGE 323628	16.57 0.32 0.00	15.81 0.33 0.00	14.69 0.27 0.00	14.40 0.27 0.00	14.91 0.32 0.00	16.32 0.37 0.00	22.43 0.65 0.00	25.12 0.75 -0.11	24.84 0.70 -0.01	21.96 0.62 0.00	21.76 0.51 0.00	21.25 0.42 0.00	20.09 0.36 0.00	20.27 0.34 0.00	20.36 0.30 0.00	21.05 0.29 0.00	21.67 0.36 -0.01	25.62 0.55 -0.08	32.67 0.79 -0.09	35.55 0.90 -0.03	27.34 0.67 -0.02	24.60 0.60 -0.01	21.92 0.56 0.00	19.43 0.42 0.00
MALONE___115KV_TB1 356076	15.87 -0.37 0.00	15.07 -0.42 0.00	14.03 -0.39 0.00	13.82 -0.31 0.00	14.21 -0.38 0.00	15.65 -0.30 0.00	21.39 -0.39 0.00	23.97 -0.29 0.00	23.94 -0.19 0.00	21.19 -0.15 0.00	21.25 0.00 0.00	20.79 -0.04 0.00	19.59 -0.14 0.00	19.77 -0.16 0.00	19.98 -0.08 0.00	20.68 -0.08 0.00	21.26 -0.04 0.00	24.91 -0.07 0.00	31.72 -0.06 0.00	34.44 -0.17 0.00	26.39 -0.27 0.00	23.63 -0.36 0.00	21.00 -0.36 0.00	18.82 -0.19 0.00

MAPLEWOD_115KV_TB3 80458	17.52 0.57 -0.71	16.04 0.56 0.00	14.96 0.55 0.00	14.67 0.54 0.00	15.14 0.55 0.00	16.83 0.64 -0.24	25.43 0.85 -2.81	32.22 1.04 -6.91	26.47 1.04 -1.30	22.95 0.83 -0.77	22.64 0.74 -0.64	21.82 0.71 -0.27	20.94 0.69 -0.51	20.99 0.74 -0.32	21.27 0.76 -0.44	22.33 0.85 -0.71	23.91 0.94 -1.68	31.13 1.10 -5.04	38.79 1.40 -5.61	38.78 1.49 -2.67	28.95 1.15 -1.15	25.28 0.94 -0.35	22.11 0.75 0.00	19.66 0.65 0.00
MAPLE RIDGE_WT_1 323574	15.63 -0.62 0.00	14.90 -0.59 0.00	13.87 -0.55 0.00	13.61 -0.52 0.00	14.08 -0.51 0.00	15.44 -0.51 0.00	21.15 -0.63 0.00	23.60 -0.65 0.00	23.55 -0.58 0.00	20.81 -0.53 0.00	20.64 -0.62 0.00	20.19 -0.65 0.00	19.12 -0.61 0.00	19.35 -0.58 0.00	19.54 -0.52 0.00	20.33 -0.44 0.00	20.98 -0.32 0.00	24.74 -0.25 0.00	31.49 -0.29 0.00	34.27 -0.35 0.00	26.36 -0.29 0.00	23.66 -0.34 0.00	20.96 -0.41 0.00	18.55 -0.46 0.00
MAPLE RIDGE_WT_2 323611	15.63 -0.62 0.00	14.90 -0.59 0.00	13.87 -0.55 0.00	13.61 -0.52 0.00	14.08 -0.51 0.00	15.44 -0.51 0.00	21.15 -0.63 0.00	23.60 -0.65 0.00	23.55 -0.58 0.00	20.81 -0.53 0.00	20.64 -0.62 0.00	20.19 -0.65 0.00	19.12 -0.61 0.00	19.35 -0.58 0.00	19.54 -0.52 0.00	20.33 -0.44 0.00	20.98 -0.32 0.00	24.74 -0.25 0.00	31.49 -0.29 0.00	34.27 -0.35 0.00	26.36 -0.29 0.00	23.66 -0.34 0.00	20.96 -0.41 0.00	18.55 -0.46 0.00
MARBLE_RIVER_WT_PWR 323696	15.84 -0.41 0.00	15.03 -0.45 0.00	14.00 -0.42 0.00	13.78 -0.35 0.00	14.18 -0.41 0.00	15.60 -0.35 0.00	21.30 -0.48 0.00	23.92 -0.34 0.00	23.89 -0.24 0.00	21.15 -0.19 0.00	21.21 -0.04 0.00	20.77 -0.06 0.00	19.57 -0.16 0.00	19.79 -0.14 0.00	20.04 -0.02 0.00	20.70 -0.06 0.00	21.30 0.00 0.00	24.99 0.00 0.00	31.78 0.00 0.00	34.51 0.00 0.00	26.44 -0.10 0.00	23.66 -0.21 0.00	20.98 -0.34 0.00	18.78 -0.23 0.00
MARSHVLE_115KV_TB1 80742	17.56 0.58 -0.72	16.03 0.54 0.00	14.91 0.49 0.00	14.62 0.49 0.00	15.13 0.54 0.00	16.84 0.64 -0.24	25.78 1.15 -2.85	32.78 1.48 -7.04	26.72 1.30 -1.28	23.11 1.05 -0.72	22.67 0.81 -0.61	21.82 0.73 -0.25	20.84 0.63 -0.48	20.90 0.68 -0.30	21.20 0.72 -0.41	22.32 0.89 -0.66	23.84 0.94 -1.61	31.27 1.12 -5.16	39.05 1.53 -5.74	38.94 1.66 -2.66	29.08 1.25 -1.17	25.38 1.03 -0.36	22.00 0.64 0.00	19.73 0.72 0.00
MARSH_HILL_WT_PWR 323713	16.09 -0.19 -0.03	15.47 -0.02 0.00	14.47 0.06 0.00	14.09 -0.04 0.00	14.70 0.12 0.00	15.74 -0.22 -0.01	21.92 0.02 -0.12	24.74 0.15 -0.33	24.51 0.34 -0.04	21.94 0.60 0.00	21.55 0.30 0.00	21.02 0.19 0.00	19.91 0.18 0.00	19.99 0.06 0.00	20.02 -0.04 0.00	20.68 -0.08 0.00	21.41 0.09 -0.03	25.64 0.40 -0.25	32.38 0.32 -0.28	35.20 0.48 -0.10	27.16 0.45 -0.06	24.47 0.45 -0.02	21.77 0.40 0.00	18.97 -0.04 0.00
MCINTYRE_115KV_TB2 80467	16.10 -0.15 0.00	15.28 -0.20 0.00	14.21 -0.20 0.00	13.99 -0.14 0.00	14.41 -0.18 0.00	15.89 -0.06 0.00	21.65 -0.13 0.00	24.28 0.02 0.00	24.08 -0.05 0.00	21.26 -0.09 0.00	21.25 0.00 0.00	20.79 -0.04 0.00	19.59 -0.14 0.00	19.79 -0.14 0.00	19.92 -0.14 0.00	20.64 -0.12 0.00	21.13 -0.17 0.00	24.79 -0.20 0.00	31.40 -0.38 0.00	34.17 -0.45 0.00	26.25 -0.40 0.00	23.63 -0.36 0.00	21.06 -0.30 0.00	18.86 -0.15 0.00
MECO____69_KV_BK1 80468	18.16 1.19 -0.72	16.60 1.11 0.00	15.43 1.01 0.00	15.15 1.02 0.00	15.68 1.09 0.00	17.38 1.18 -0.24	26.61 1.98 -2.85	33.26 1.96 -7.04	27.22 1.81 -1.28	23.53 1.47 -0.72	23.02 1.15 -0.61	22.13 1.04 -0.25	21.16 0.95 -0.48	21.20 0.98 -0.30	21.54 1.06 -0.41	22.69 1.27 -0.66	24.31 1.41 -1.61	31.79 1.65 -5.16	39.68 2.16 -5.74	39.63 2.35 -2.66	29.56 1.73 -1.17	25.77 1.42 -0.36	22.62 1.26 0.00	20.38 1.37 0.00
MENANDS__115KV_TB5 355628	17.44 0.49 -0.71	15.96 0.48 0.00	14.89 0.48 0.00	14.59 0.47 0.00	15.07 0.48 0.00	16.75 0.56 -0.24	25.30 0.72 -2.80	32.06 0.90 -6.91	26.35 0.92 -1.30	22.82 0.70 -0.77	22.54 0.64 -0.64	21.69 0.58 -0.27	20.84 0.59 -0.52	20.87 0.62 -0.32	21.17 0.66 -0.45	22.23 0.75 -0.72	23.79 0.81 -1.68	31.00 0.97 -5.04	38.59 1.21 -5.61	38.60 1.32 -2.67	28.81 1.01 -1.15	25.16 0.82 -0.35	22.00 0.64 0.00	19.56 0.55 0.00
MG INDUSTRY__DRP 24185	17.48 0.54 -0.70	16.01 0.53 0.00	14.94 0.52 0.00	14.64 0.51 0.00	15.11 0.53 0.00	16.78 0.59 -0.24	25.33 0.78 -2.77	32.00 0.87 -6.87	26.31 0.89 -1.29	22.80 0.70 -0.76	22.57 0.66 -0.66	21.73 0.63 -0.27	20.85 0.61 -0.50	20.90 0.66 -0.31	21.18 0.68 -0.43	22.21 0.75 -0.70	23.73 0.79 -1.65	30.95 0.95 -5.01	38.54 1.18 -5.58	38.54 1.28 -2.64	28.78 0.99 -1.14	25.16 0.82 -0.35	22.05 0.68 0.00	19.58 0.57 0.00
MID__OSWEGATCHIE_HYD 23849	15.97 -0.28 0.00	15.19 -0.29 0.00	14.11 -0.30 0.00	13.87 -0.25 0.00	14.32 -0.26 0.00	15.76 -0.19 0.00	21.58 -0.20 0.00	24.04 -0.22 0.00	23.84 -0.29 0.00	21.04 -0.30 0.00	20.98 -0.28 0.00	20.50 -0.33 0.00	19.34 -0.39 0.00	19.49 -0.44 0.00	19.64 -0.42 0.00	20.35 -0.42 0.00	20.87 -0.43 0.00	24.49 -0.50 0.00	31.34 -0.44 0.00	34.24 -0.38 0.00	26.23 -0.43 0.00	23.61 -0.38 0.00	21.02 -0.34 0.00	18.80 -0.21 0.00
MID__RAQUETTE_HYD 23851	15.92 -0.32 0.00	15.13 -0.36 0.00	14.07 -0.35 0.00	13.85 -0.28 0.00	14.27 -0.32 0.00	15.70 -0.26 0.00	21.41 -0.37 0.00	23.77 -0.49 0.00	23.65 -0.48 0.00	20.89 -0.45 0.00	20.91 -0.34 0.00	20.48 -0.35 0.00	19.32 -0.41 0.00	19.47 -0.46 0.00	19.62 -0.44 0.00	20.33 -0.44 0.00	20.79 -0.51 0.00	24.24 -0.75 0.00	30.95 -0.83 0.00	33.72 -0.90 0.00	25.85 -0.80 0.00	23.30 -0.70 0.00	20.87 -0.49 0.00	18.71 -0.30 0.00
MILLIKEN__1 23584	16.46 0.18 -0.04	15.70 0.22 0.00	14.62 0.20 0.00	14.28 0.16 0.00	14.82 0.23 0.00	16.13 0.16 -0.01	22.35 0.44 -0.14	25.54 0.90 -0.38	25.19 1.01 -0.05	22.37 1.02 0.00	22.06 0.81 0.00	21.50 0.67 0.00	20.32 0.59 0.00	20.49 0.56 0.00	20.55 0.48 0.00	21.20 0.44 0.00	21.82 0.49 -0.03	26.05 0.77 -0.29	33.15 1.05 -0.32	35.90 1.18 -0.11	27.60 0.88 -0.07	24.81 0.79 -0.02	22.07 0.70 0.00	19.39 0.38 0.00
MILLIKEN__2 23585	16.46 0.18 -0.04	15.70 0.22 0.00	14.62 0.20 0.00	14.28 0.16 0.00	14.82 0.23 0.00	16.13 0.16 -0.01	22.35 0.44 -0.14	25.54 0.90 -0.38	25.19 1.01 -0.05	22.37 1.02 0.00	22.06 0.81 0.00	21.50 0.67 0.00	20.32 0.59 0.00	20.49 0.56 0.00	20.55 0.48 0.00	21.20 0.44 0.00	21.82 0.49 -0.03	26.05 0.77 -0.29	33.15 1.05 -0.32	35.90 1.18 -0.11	27.60 0.88 -0.07	24.81 0.79 -0.02	22.07 0.70 0.00	19.39 0.38 0.00
MILLIKEN__DIESEL 23629	16.46 0.18 -0.04	15.70 0.22 0.00	14.62 0.20 0.00	14.28 0.16 0.00	14.82 0.23 0.00	16.13 0.16 -0.01	22.35 0.44 -0.14	25.54 0.90 -0.38	25.19 1.01 -0.05	22.37 1.02 0.00	22.06 0.81 0.00	21.50 0.67 0.00	20.32 0.59 0.00	20.49 0.56 0.00	20.55 0.48 0.00	21.20 0.44 0.00	21.82 0.49 -0.03	26.05 0.77 -0.29	33.15 1.05 -0.32	35.90 1.18 -0.11	27.60 0.88 -0.07	24.81 0.79 -0.02	22.07 0.70 0.00	19.39 0.38 0.00

MILLSEAT___LFGE 323607	15.60 -0.67 -0.02	15.11 -0.37 0.00	14.17 -0.25 0.00	13.82 -0.31 0.00	14.40 -0.19 0.00	15.25 -0.72 -0.01	21.01 -0.85 -0.08	23.64 -0.85 -0.23	23.55 -0.60 -0.03	21.22 -0.13 0.00	20.91 -0.34 0.00	20.48 -0.35 0.00	19.44 -0.30 0.00	19.47 -0.46 0.00	19.48 -0.58 0.00	20.10 -0.67 0.00	20.74 -0.57 -0.02	24.67 -0.50 -0.18	31.05 -0.92 -0.20	33.78 -0.90 -0.07	26.11 -0.59 -0.04	23.69 -0.31 -0.01	21.13 -0.23 0.00	18.29 -0.72 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	17.91 1.09 -0.58	16.48 0.99 0.00	15.32 0.91 0.00	15.02 0.89 0.00	15.48 0.89 0.00	17.25 1.10 -0.20	26.14 1.63 -2.73	32.36 1.94 -6.17	27.93 1.93 -1.88	24.91 1.69 -1.88	24.71 1.64 -1.82	23.11 1.60 -0.67	22.52 1.54 -1.25	22.28 1.57 -0.77	22.73 1.59 -1.08	24.14 1.64 -1.74	26.21 1.68 -3.23	31.08 1.97 -4.11	38.84 2.48 -4.58	40.79 2.77 -3.41	29.69 2.11 -0.94	26.08 1.80 -0.29	22.97 1.60 0.00	20.28 1.27 0.00
MILLWOOD_13_KV_LOAD 356217	17.96 1.14 -0.58	16.52 1.04 0.00	15.35 0.94 0.00	15.06 0.93 0.00	15.52 0.93 0.00	17.28 1.13 -0.20	26.21 1.70 -2.73	32.46 2.04 -6.17	28.03 2.03 -1.88	24.99 1.77 -1.88	24.79 1.72 -1.82	23.17 1.67 -0.67	22.60 1.62 -1.25	22.34 1.63 -0.77	22.79 1.65 -1.08	24.20 1.70 -1.74	26.25 1.73 -3.23	31.10 2.00 -4.11	38.93 2.57 -4.58	40.93 2.91 -3.41	29.77 2.19 -0.94	26.15 1.87 -0.29	23.03 1.67 0.00	20.32 1.31 0.00
MODEL_CITY_ENERGY 24167	15.18 -1.09 -0.02	14.79 -0.70 0.00	13.90 -0.52 0.00	13.54 -0.59 0.00	14.11 -0.48 0.00	14.86 -1.10 -0.01	20.43 -1.44 -0.09	22.88 -1.63 -0.24	22.78 -1.37 -0.03	20.59 -0.75 0.00	20.28 -0.98 0.00	19.88 -0.96 0.00	18.90 -0.83 0.00	18.95 -0.98 0.00	18.96 -1.10 0.00	19.52 -1.25 0.00	20.15 -1.17 -0.02	23.93 -1.25 -0.19	29.95 -2.03 -0.21	32.58 -2.11 -0.07	25.26 -1.44 -0.04	22.98 -1.03 -0.01	20.55 -0.81 0.00	17.81 -1.20 0.00
MODERN_LFGE___ 323580	15.18 -1.09 -0.02	14.79 -0.70 0.00	13.90 -0.52 0.00	13.54 -0.59 0.00	14.11 -0.48 0.00	14.86 -1.10 -0.01	20.43 -1.44 -0.09	22.88 -1.63 -0.24	22.78 -1.37 -0.03	20.59 -0.75 0.00	20.28 -0.98 0.00	19.88 -0.96 0.00	18.90 -0.83 0.00	18.95 -0.98 0.00	18.96 -1.10 0.00	19.52 -1.25 0.00	20.15 -1.17 -0.02	23.93 -1.25 -0.19	29.95 -2.03 -0.21	32.58 -2.11 -0.07	25.26 -1.44 -0.04	22.98 -1.03 -0.01	20.55 -0.81 0.00	17.81 -1.20 0.00
MOHAWK_PAPER___DRP 24187	17.52 0.57 -0.71	16.04 0.56 0.00	14.96 0.55 0.00	14.67 0.54 0.00	15.14 0.55 0.00	16.83 0.64 -0.24	25.43 0.85 -2.81	32.22 1.04 -6.91	26.47 1.04 -1.30	22.95 0.83 -0.77	22.64 0.74 -0.64	21.82 0.71 -0.27	20.94 0.69 -0.51	20.99 0.74 -0.32	21.27 0.76 -0.44	22.33 0.85 -0.71	23.91 0.94 -1.68	31.13 1.10 -5.04	38.79 1.49 -5.61	38.78 1.49 -2.67	28.95 1.15 -1.15	25.28 0.94 -0.35	22.11 0.75 0.00	19.66 0.65 0.00
MOHICAN___35_KV_115KV_LD 80490	18.17 1.20 -0.72	16.63 1.15 0.00	15.47 1.05 0.00	15.16 1.03 0.00	15.67 1.08 0.00	17.38 1.18 -0.24	26.40 1.79 -2.84	33.36 2.09 -7.01	27.45 2.03 -1.29	23.87 1.79 -0.73	23.49 1.62 -0.62	22.66 1.56 -0.26	21.54 1.32 -0.49	21.59 1.36 -0.30	21.87 1.38 -0.42	22.96 1.52 -0.68	24.46 1.53 -1.63	31.92 1.80 -5.13	40.00 2.51 -5.71	39.98 2.70 -2.66	30.03 2.21 -1.17	26.17 1.82 -0.36	22.84 1.47 0.00	20.45 1.44 0.00
MONGAUP___HYD 23641	17.78 1.02 -0.51	16.43 0.94 0.00	15.25 0.84 0.00	14.96 0.83 0.00	15.42 0.83 0.00	17.07 0.94 -0.17	23.28 1.37 -0.13	28.63 1.63 -2.74	23.18 1.62 2.56	17.89 1.37 4.82	18.20 1.34 4.40	20.44 1.31 1.71	17.79 1.26 3.21	19.24 1.29 1.99	18.62 1.32 2.77	17.66 1.35 4.45	15.98 1.47 6.79	30.39 1.75 -3.65	38.03 2.19 -4.06	33.69 2.42 3.35	29.32 1.84 -0.83	25.81 1.56 -0.25	22.73 1.37 0.00	20.09 1.08 0.00
MONTAUK___DIESEL 23721	21.23 2.06 -2.92	17.54 1.94 -0.12	16.27 1.73 -0.12	15.81 1.64 -0.04	16.50 1.79 -0.12	20.98 2.09 -2.93	27.86 3.01 -3.07	36.58 3.49 -8.82	35.40 4.15 -7.12	38.72 3.67 -13.71	41.12 3.51 -16.36	28.77 3.44 -4.50	28.24 3.30 -5.21	28.82 3.39 -5.50	32.98 3.39 -9.52	37.49 3.49 -13.24	37.93 3.71 -12.93	38.98 4.30 -9.70	45.99 5.31 -8.91	44.38 5.75 -4.02	44.43 4.53 -13.24	36.28 4.01 -8.28	28.58 3.27 -3.95	21.83 2.70 -0.12
MOONROAD_115KV_HARTFLD_TB1-2 355988	15.54 -0.73 -0.03	15.05 -0.43 0.00	14.14 -0.27 0.00	13.80 -0.32 0.00	14.43 -0.16 0.00	15.26 -0.70 -0.01	21.23 -0.65 -0.10	23.79 -0.75 -0.28	23.68 -0.48 -0.03	21.32 -0.02 0.00	20.94 -0.32 0.00	20.50 -0.33 0.00	19.46 -0.28 0.00	19.53 -0.40 0.00	19.52 -0.54 0.00	20.06 -0.71 0.00	20.77 -0.55 -0.02	24.80 -0.40 -0.21	31.22 -0.79 -0.24	34.11 -0.59 -0.08	26.46 -0.24 -0.05	23.86 -0.14 -0.01	21.32 -0.04 0.00	18.44 -0.57 0.00
MORTIMER_115KV_TB3 55949	15.83 -0.44 -0.02	15.17 -0.31 0.00	14.17 -0.25 0.00	13.85 -0.28 0.00	14.38 -0.20 0.00	15.47 -0.49 -0.01	21.28 -0.57 -0.07	24.04 -0.41 -0.19	23.86 -0.29 -0.02	21.32 -0.02 0.00	21.13 -0.13 0.00	20.67 -0.17 0.00	19.57 -0.16 0.00	19.67 -0.26 0.00	19.74 -0.32 0.00	20.35 -0.42 0.00	20.99 -0.32 -0.02	24.89 -0.25 -0.15	31.56 -0.38 -0.16	34.26 -0.42 -0.06	26.39 -0.29 -0.03	23.86 -0.14 -0.01	21.24 -0.13 0.00	18.53 -0.48 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	18.02 1.19 -0.59	16.55 1.07 0.00	15.40 0.98 0.00	15.09 0.96 0.00	15.55 0.96 0.00	17.35 1.20 -0.20	26.31 1.81 -2.73	32.62 2.16 -6.20	28.08 2.12 -1.83	25.04 1.90 -1.80	24.82 1.83 -1.74	23.27 1.79 -0.64	22.62 1.70 -1.20	22.40 1.73 -0.74	22.84 1.75 -1.03	24.23 1.81 -1.66	26.28 1.87 -3.11	31.33 2.17 -4.17	39.09 2.67 -4.64	40.94 2.98 -3.34	29.87 2.27 -0.95	26.25 1.97 -0.29	23.12 1.75 0.00	20.40 1.39 0.00
MUNSVILLE_WIND_PWR 323609	17.29 0.93 -0.12	16.37 0.88 0.00	15.17 0.75 0.00	14.89 0.76 0.00	15.49 0.90 0.00	17.00 1.01 -0.04	23.94 1.74 -0.41	27.59 2.23 -1.10	26.31 2.05 -0.13	23.18 1.84 0.00	22.85 1.59 0.00	22.17 1.33 0.00	20.90 1.16 0.00	21.04 1.12 0.00	21.09 1.02 0.00	21.84 1.08 0.00	22.73 1.34 -0.09	27.83 2.00 -0.84	35.48 2.76 -0.94	37.91 2.98 -0.32	29.16 2.32 -0.19	26.07 2.02 -0.06	23.09 1.73 0.00	20.19 1.18 0.00
N SALMON___HYD 24042	15.87 -0.37 0.00	15.07 -0.42 0.00	14.03 -0.39 0.00	13.82 -0.31 0.00	14.21 -0.38 0.00	15.65 -0.30 0.00	21.39 -0.39 0.00	23.97 -0.29 0.00	23.93 -0.19 0.00	21.19 -0.15 0.00	21.25 -0.04 0.00	20.80 -0.14 0.00	19.60 -0.16 0.00	19.77 -0.16 0.00	20.02 -0.04 0.00	20.68 -0.08 0.00	21.26 -0.04 0.00	24.91 -0.07 0.00	31.72 -0.06 0.00	34.44 -0.17 0.00	26.39 -0.27 0.00	23.61 -0.38 0.00	21.00 -0.36 0.00	18.82 -0.19 0.00
N.AKRON___115KV_KNAPP 355671	15.61 -0.67 -0.02	15.11 -0.37 0.00	14.17 -0.25 0.00	13.82 -0.31 0.00	14.41 -0.18 0.00	15.25 -0.72 -0.01	21.01 -0.85 -0.08	23.62 -0.87 -0.23	23.53 -0.63 -0.03	21.21 -0.13 0.00	20.91 -0.34 0.00	20.46 -0.38 0.00	19.42 -0.32 0.00	19.51 -0.42 0.00	19.56 -0.50 0.00	20.08 -0.69 0.00	20.74 -0.58 -0.02	24.64 -0.52 -0.18	31.03 -0.95 -0.20	33.75 -0.93 -0.07	26.08 -0.61 -0.04	23.60 -0.41 -0.01	21.13 -0.23 0.00	18.25 -0.76 0.00

N.BELMOR_69_KV_BK1 55787	18.21 1.36 -0.60	16.71 1.22 0.00	15.50 1.08 0.00	15.15 1.02 0.00	15.71 1.12 0.00	17.57 1.40 -0.21	26.53 2.03 -2.73	32.64 2.18 -6.20	28.64 2.65 -1.86	25.56 2.35 -1.87	25.33 2.23 -1.84	23.66 2.17 -0.66	23.04 2.09 -1.21	22.86 2.15 -0.78	23.33 2.17 -1.10	24.72 2.22 -1.74	26.80 2.32 -3.18	31.83 2.67 -4.17	39.79 3.37 -4.64	41.52 3.57 -3.34	30.45 2.85 -0.95	28.26 2.47 -1.79	23.63 2.24 -0.02	20.80 1.79 0.00
N.E_GEN_SANDY PD 24062	17.46 0.71 -0.50	16.35 0.71 -0.16	15.07 0.65 0.00	14.78 0.65 0.00	15.24 0.66 0.00	16.97 0.80 -0.22	25.59 1.07 -2.74	32.10 1.28 -6.56	27.00 1.33 -1.55	23.46 1.05 -1.07	22.68 0.98 -0.45	22.20 0.96 -0.40	21.44 0.95 -0.76	21.41 1.02 -0.47	21.76 1.04 -0.66	22.94 1.12 -1.05	24.65 1.17 -2.18	31.04 1.40 -4.65	38.74 1.78 -5.18	39.44 1.94 -2.88	29.20 1.49 -1.06	25.54 1.22 -0.32	22.43 1.07 0.00	19.83 0.82 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	17.87 1.07 -0.55	16.46 0.98 0.00	15.31 0.89 0.00	15.00 0.88 0.00	15.46 0.88 0.00	17.21 1.07 -0.19	26.15 1.59 -2.78	32.24 1.89 -6.08	28.11 1.86 -2.12	25.27 1.62 -2.31	25.05 1.59 -2.20	23.20 1.54 -0.82	22.77 1.50 -1.54	22.41 1.53 -0.95	22.94 1.54 -1.33	24.47 1.58 -2.13	26.80 1.66 -3.84	30.85 1.95 -3.91	38.59 2.45 -4.36	41.10 2.73 -3.75	29.59 2.05 -0.89	26.02 1.75 -0.27	22.92 1.56 0.00	20.25 1.24 0.00
N.QUEENS_27_KV_LOAD 356247	17.97 1.14 -0.59	16.54 1.05 0.00	15.38 0.97 0.00	15.08 0.95 0.00	15.53 0.95 0.00	17.33 1.18 -0.20	26.30 1.81 -2.71	32.63 2.18 -6.19	28.10 2.15 -1.82	25.03 1.90 -1.79	24.84 1.85 -1.73	23.28 1.81 -0.63	22.66 1.74 -1.19	22.42 1.75 -0.73	22.87 1.79 -1.02	24.24 1.83 -1.65	26.27 1.87 -3.10	31.32 2.17 -4.16	39.07 2.67 -4.62	40.90 2.94 -3.34	29.85 2.27 -0.93	26.21 1.94 -0.27	23.10 1.75 0.02	20.38 1.39 0.02
N.TROY___115KV_TB1 355778	17.63 0.67 -0.71	16.15 0.67 0.00	15.04 0.62 0.00	14.74 0.61 0.00	15.21 0.63 0.00	16.91 0.72 -0.24	25.60 1.00 -2.82	32.41 1.19 -6.96	26.61 1.18 -1.30	23.06 0.96 -0.76	22.75 0.87 -0.62	21.94 0.83 -0.27	21.03 0.79 -0.51	21.08 0.84 -0.31	21.36 0.86 -0.44	22.42 0.96 -0.70	23.98 1.02 -1.66	31.30 1.22 -5.08	39.03 1.59 -5.66	38.99 1.70 -2.67	29.14 1.33 -1.16	25.45 1.10 -0.35	22.26 0.90 0.00	19.79 0.78 0.00
NARROWS_GT1_1 24228	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.14 1.00 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.41 1.89 -2.74	33.87 2.31 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.03 1.91 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	30.01 2.40 -0.96	26.40 2.11 -0.30	23.25 1.88 -0.01	20.52 1.50 -0.01
NARROWS_GT1_2 24229	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.14 1.00 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.41 1.89 -2.74	33.87 2.31 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.03 1.91 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	30.01 2.40 -0.96	26.40 2.11 -0.30	23.25 1.88 -0.01	20.52 1.50 -0.01
NARROWS_GT1_3 24230	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.14 1.00 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.41 1.89 -2.74	33.87 2.31 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.03 1.91 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	30.01 2.40 -0.96	26.40 2.11 -0.30	23.25 1.88 -0.01	20.52 1.50 -0.01
NARROWS_GT1_4 24231	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.14 1.00 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.41 1.89 -2.74	33.87 2.31 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.03 1.91 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	30.01 2.40 -0.96	26.40 2.11 -0.30	23.25 1.88 -0.01	20.52 1.50 -0.01
NARROWS_GT1_5 24232	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.14 1.00 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.41 1.89 -2.74	33.87 2.31 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.03 1.91 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	30.01 2.40 -0.96	26.40 2.11 -0.30	23.25 1.88 -0.01	20.52 1.50 -0.01
NARROWS_GT1_6 24233	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.14 1.00 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.41 1.89 -2.74	33.87 2.31 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.03 1.91 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	30.01 2.40 -0.96	26.40 2.11 -0.30	23.25 1.88 -0.01	20.52 1.50 -0.01
NARROWS_GT1_7 24234	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.14 1.00 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.41 1.89 -2.74	33.87 2.31 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.03 1.91 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	30.01 2.40 -0.96	26.40 2.11 -0.30	23.25 1.88 -0.01	20.52 1.50 -0.01
NARROWS_GT1_8 24235	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.14 1.00 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.41 1.89 -2.74	33.87 2.31 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.03 1.91 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	30.01 2.40 -0.96	26.40 2.11 -0.30	23.25 1.88 -0.01	20.52 1.50 -0.01
NARROWS_GT2_1 24236	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.14 1.00 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.41 1.89 -2.74	33.87 2.31 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.03 1.91 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	30.01 2.40 -0.96	26.40 2.11 -0.30	23.25 1.88 -0.01	20.52 1.50 -0.01
NARROWS_GT2_2 24237	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.14 1.00 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.41 1.89 -2.74	33.87 2.31 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.03 1.91 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	30.01 2.40 -0.96	26.40 2.11 -0.30	23.25 1.88 -0.01	20.52 1.50 -0.01

NARROWS_GT2_3 24238	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.14 1.00 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.41 1.89 -2.74	33.87 2.31 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.03 1.91 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	30.01 2.40 -0.96	26.40 2.11 -0.30	23.25 1.88 -0.01	20.52 1.50 -0.01
NARROWS_GT2_4 24239	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.14 1.00 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.41 1.89 -2.74	33.87 2.31 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.03 1.91 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	30.01 2.40 -0.96	26.40 2.11 -0.30	23.25 1.88 -0.01	20.52 1.50 -0.01
NARROWS_GT2_5 24240	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.14 1.00 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.41 1.89 -2.74	33.87 2.31 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.03 1.91 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	30.01 2.40 -0.96	26.40 2.11 -0.30	23.25 1.88 -0.01	20.52 1.50 -0.01
NARROWS_GT2_6 24241	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.14 1.00 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.41 1.89 -2.74	33.87 2.31 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.03 1.91 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	30.01 2.40 -0.96	26.40 2.11 -0.30	23.25 1.88 -0.01	20.52 1.50 -0.01
NARROWS_GT2_7 24242	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.14 1.00 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.41 1.89 -2.74	33.87 2.31 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.03 1.91 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	30.01 2.40 -0.96	26.40 2.11 -0.30	23.25 1.88 -0.01	20.52 1.50 -0.01
NARROWS_GT2_8 24243	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.14 1.00 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.41 1.89 -2.74	33.87 2.31 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.03 1.91 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	30.01 2.40 -0.96	26.40 2.11 -0.30	23.25 1.88 -0.01	20.52 1.50 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	17.57 0.65 -0.67	16.12 0.63 0.00	15.05 0.63 0.00	14.75 0.62 0.00	15.23 0.64 0.00	16.80 0.62 -0.23	25.38 0.89 -2.71	32.04 1.19 -6.59	26.59 1.13 -1.33	23.02 0.79 -0.88	22.91 0.87 -0.79	21.82 0.67 -0.31	20.95 0.63 -0.59	20.99 0.70 -0.36	21.34 0.76 -0.51	22.43 0.85 -0.82	24.11 1.00 -1.81	30.97 1.22 -4.76	38.79 1.72 -5.30	39.05 1.77 -2.67	29.01 1.28 -1.08	25.36 1.03 -0.33	22.15 0.79 0.00	19.83 0.82 0.00
NCHELSEA_115KV_TR2 355582	17.98 1.15 -0.58	16.55 1.07 0.00	15.38 0.97 0.00	15.08 0.95 0.00	15.55 0.96 0.00	17.24 1.08 -0.20	26.08 1.59 -2.71	32.34 1.92 -6.17	27.82 1.88 -1.81	24.69 1.58 -1.77	24.52 1.57 -1.69	22.98 1.52 -0.63	22.37 1.46 -1.18	22.15 1.49 -0.73	22.60 1.52 -1.02	23.93 1.54 -1.63	25.98 1.62 -3.06	31.06 1.92 -4.15	38.91 2.51 -4.62	40.73 2.80 -3.31	29.68 2.08 -0.94	26.06 1.78 -0.29	22.92 1.56 0.00	20.26 1.25 0.00
NEG CAPITAL___MECHNVIL 23645	17.89 0.93 -0.72	16.40 0.91 0.00	15.25 0.84 0.00	14.95 0.82 0.00	15.43 0.85 0.00	17.16 0.96 -0.24	25.99 1.37 -2.83	32.88 1.63 -7.00	27.01 1.59 -1.29	23.45 1.37 -0.74	23.10 1.23 -0.62	22.31 1.21 -0.26	21.33 1.10 -0.49	21.39 1.16 -0.31	21.67 1.18 -0.43	22.74 1.29 -0.69	24.30 1.36 -1.64	31.71 1.60 -5.12	39.57 2.10 -5.70	39.53 2.25 -2.67	29.57 1.76 -1.16	25.81 1.46 -0.35	22.56 1.20 0.00	20.13 1.12 0.00
NEG CENTRAL_HIGH_ACRES 23767	15.65 -0.62 -0.02	14.97 -0.51 0.00	13.97 -0.45 0.00	13.65 -0.48 0.00	14.16 -0.42 0.00	15.31 -0.65 -0.01	21.11 -0.74 -0.07	23.94 -0.51 -0.19	23.74 -0.41 -0.02	21.22 -0.13 0.00	21.00 -0.25 0.00	20.50 -0.33 0.00	19.42 -0.32 0.00	19.47 -0.46 0.00	19.52 -0.54 0.00	20.18 -0.58 0.00	20.65 -0.66 -0.02	24.51 -0.62 -0.15	31.12 -0.83 -0.17	33.81 -0.86 -0.06	25.99 -0.69 -0.03	23.50 -0.51 -0.01	20.89 -0.47 0.00	18.31 -0.70 0.00
NEG CENTRAL___DRP 24199	16.19 -0.08 -0.02	15.45 -0.03 0.00	14.40 -0.01 0.00	14.07 -0.06 0.00	14.60 0.01 0.00	15.85 -0.11 -0.01	21.92 0.07 -0.08	25.13 0.65 -0.22	24.88 0.72 -0.03	22.15 0.81 0.00	21.87 0.62 0.00	21.32 0.48 0.00	20.15 0.41 0.00	20.29 0.36 0.00	20.34 0.28 0.00	20.99 0.23 0.00	21.59 0.28 -0.02	25.66 0.50 -0.17	32.57 0.60 -0.19	35.37 0.69 -0.06	27.25 0.56 -0.04	24.51 0.50 -0.01	21.83 0.47 0.00	19.12 0.11 0.00
NEG CENTRAL___INDECK 23768	16.28 0.00 -0.03	15.61 0.12 0.00	14.58 0.16 0.00	14.21 0.09 0.00	14.82 0.23 0.00	15.93 -0.03 -0.01	22.10 0.22 -0.10	25.02 0.48 -0.27	24.77 0.60 -0.03	22.11 0.77 0.00	21.76 0.51 0.00	21.19 0.35 0.00	20.07 0.34 0.00	20.13 0.20 0.00	20.19 0.12 0.00	20.89 0.13 0.00	21.64 0.32 -0.02	25.87 0.67 -0.21	32.87 0.86 -0.23	35.73 1.04 -0.08	27.50 0.80 -0.05	24.82 0.82 -0.01	22.00 0.64 0.00	19.12 0.11 0.00
NEG CENTRAL___SENECA 23627	16.19 -0.08 -0.02	15.48 0.00 0.00	14.43 0.01 0.00	14.09 -0.04 0.00	14.64 0.06 0.00	15.87 -0.10 -0.01	21.99 0.13 -0.08	24.98 0.49 -0.24	24.71 0.55 -0.03	22.05 0.70 0.00	21.74 0.49 0.00	21.19 0.35 0.00	20.03 0.30 0.00	20.17 0.24 0.00	20.22 0.16 0.00	20.87 0.10 0.00	21.51 0.19 -0.02	25.62 0.45 -0.18	32.39 0.41 -0.20	35.21 0.52 -0.07	27.17 0.48 -0.04	24.44 0.43 -0.01	21.77 0.41 0.00	19.05 0.04 0.00
NEG CENTRAL___STATE_STREET 24147	16.32 0.05 -0.02	15.55 0.06 0.00	14.49 0.07 0.00	14.16 0.03 0.00	14.67 0.09 0.00	15.98 0.02 -0.01	22.07 0.22 -0.08	25.70 1.21 -0.23	25.43 1.28 -0.03	22.62 1.28 0.00	22.32 1.06 0.00	21.75 0.92 0.00	20.56 0.83 0.00	20.71 0.78 0.00	20.73 0.66 0.00	21.39 0.62 0.00	21.87 0.55 -0.02	26.01 0.85 -0.17	33.15 1.18 -0.19	36.00 1.32 -0.07	27.65 0.96 -0.04	24.87 0.86 -0.01	21.98 0.62 0.00	19.31 0.30 0.00
NEG MILLWOOD___DRP 24198	18.16 1.32 -0.60	16.71 1.22 0.00	15.53 1.11 0.00	15.23 1.10 0.00	15.68 1.09 0.00	17.42 1.26 -0.20	26.43 1.94 -2.71	32.82 2.33 -6.23	28.13 2.27 -1.73	24.87 1.90 -1.63	24.69 1.87 -1.57	23.23 1.81 -0.58	22.57 1.76 -1.09	22.34 1.73 -0.67	22.75 1.75 -0.94	24.06 1.79 -1.51	25.89 1.73 -2.87	31.31 2.07 -4.24	39.30 2.80 -4.72	41.22 3.39 -3.21	30.07 2.45 -0.96	26.38 2.09 -0.29	23.18 1.82 0.00	20.47 1.46 0.00



NEG NORTH_FLCN_SEA 23793	15.96 -0.29 0.00	15.14 -0.34 0.00	14.10 -0.32 0.00	13.89 -0.24 0.00	14.28 -0.31 0.00	15.73 -0.22 0.00	21.47 -0.30 0.00	24.16 -0.10 0.00	24.13 0.00 0.00	21.38 0.04 0.00	21.45 0.19 0.00	20.98 0.15 0.00	19.77 0.04 0.00	19.97 0.04 0.00	20.20 0.14 0.00	20.91 0.15 0.00	21.51 0.21 0.00	25.26 0.27 0.00	32.10 0.32 0.00	34.86 0.24 0.00	26.68 0.03 0.00	23.90 -0.10 0.00	21.15 -0.21 0.00	18.95 -0.06 0.00
NEG NORTH_KES_CHATEGAY 23792	15.83 -0.42 0.00	15.02 -0.46 0.00	13.98 -0.43 0.00	13.78 -0.35 0.00	14.16 -0.42 0.00	15.60 -0.35 0.00	21.28 -0.50 0.00	23.87 -0.39 0.00	23.86 -0.27 0.00	21.13 -0.21 0.00	21.19 -0.06 0.00	20.75 -0.08 0.00	19.56 -0.18 0.00	19.77 -0.16 0.00	19.98 -0.08 0.00	20.68 -0.08 0.00	21.28 -0.02 0.00	24.96 -0.02 0.00	31.75 -0.03 0.00	34.48 -0.14 0.00	26.39 -0.27 0.00	23.63 -0.36 0.00	20.96 -0.41 0.00	18.78 -0.23 0.00
NEG NORTH___ALICE_FALLS 23915	15.94 -0.31 0.00	15.11 -0.37 0.00	14.09 -0.33 0.00	13.87 -0.25 0.00	14.27 -0.32 0.00	15.72 -0.24 0.00	21.47 -0.30 0.00	24.16 -0.10 0.00	24.15 0.02 0.00	21.38 0.04 0.00	21.45 0.19 0.00	20.98 0.15 0.00	19.75 0.02 0.00	19.97 0.04 0.00	20.20 0.14 0.00	20.91 0.15 0.00	21.53 0.23 0.00	25.29 0.30 0.00	32.13 0.35 0.00	34.89 0.28 0.00	26.71 0.05 0.00	23.87 -0.12 0.00	21.17 -0.19 0.00	18.95 -0.06 0.00
NEG NORTH___LWR_SARANAC 23913	15.94 -0.31 0.00	15.11 -0.37 0.00	14.09 -0.33 0.00	13.87 -0.25 0.00	14.27 -0.32 0.00	15.72 -0.24 0.00	21.47 -0.30 0.00	24.16 -0.10 0.00	24.15 0.02 0.00	21.38 0.04 0.00	21.45 0.19 0.00	20.98 0.15 0.00	19.75 0.02 0.00	19.97 0.04 0.00	20.20 0.14 0.00	20.91 0.15 0.00	21.53 0.23 0.00	25.29 0.30 0.00	32.13 0.35 0.00	34.89 0.28 0.00	26.71 0.05 0.00	23.87 -0.12 0.00	21.17 -0.19 0.00	18.95 -0.06 0.00
NEG NORTH___PLATTSBURG 23628	15.94 -0.31 0.00	15.11 -0.37 0.00	14.09 -0.33 0.00	13.87 -0.25 0.00	14.27 -0.32 0.00	15.72 -0.24 0.00	21.47 -0.30 0.00	24.16 -0.10 0.00	24.15 0.02 0.00	21.39 0.04 0.00	21.44 0.19 0.00	20.98 0.15 0.00	19.75 0.02 0.00	19.97 0.04 0.00	20.24 0.18 0.00	20.91 0.15 0.00	21.53 0.23 0.00	25.29 0.30 0.00	32.13 0.35 0.00	34.89 0.28 0.00	26.71 0.05 0.00	23.87 -0.12 0.00	21.15 -0.21 0.00	18.95 -0.06 0.00
NEG WEST_LEA_LOCKPORT 23791	15.38 -0.89 -0.02	14.94 -0.54 0.00	14.03 -0.39 0.00	13.66 -0.47 0.00	14.25 -0.34 0.00	15.01 -0.96 -0.01	20.67 -1.20 -0.09	23.17 -1.33 -0.24	23.07 -1.09 -0.03	20.83 -0.51 0.00	20.53 -0.72 0.00	20.13 -0.71 0.00	19.12 -0.61 0.00	19.23 -0.70 0.00	19.28 -0.78 0.00	19.75 -1.02 0.00	20.40 -0.92 -0.02	24.22 -0.95 -0.18	30.33 -1.65 -0.21	33.03 -1.66 -0.07	25.60 -1.09 -0.04	23.19 -0.82 -0.01	20.81 -0.56 0.00	17.96 -1.05 0.00
NEG WEST___LANCASTR 23811	15.93 -0.34 -0.03	15.41 -0.08 0.00	14.45 0.03 0.00	14.09 -0.04 0.00	14.69 0.10 0.00	15.55 -0.41 -0.01	21.53 -0.35 -0.10	24.00 -0.53 -0.28	23.85 -0.31 -0.03	21.51 0.17 0.00	21.17 -0.09 0.00	20.73 -0.10 0.00	19.69 -0.04 0.00	19.81 -0.12 0.00	19.84 -0.22 0.00	20.35 -0.42 0.00	21.04 -0.28 -0.02	25.08 -0.12 -0.21	31.48 -0.54 -0.24	34.25 -0.45 -0.08	26.51 -0.19 -0.05	23.91 -0.10 -0.01	21.41 0.04 0.00	18.69 -0.32 0.00
NEG_PENN_ALLEGHNY 23528	16.26 -0.05 -0.06	15.52 0.03 0.00	14.49 0.07 0.00	14.14 0.01 0.00	14.69 0.10 0.00	15.90 -0.08 -0.02	22.08 0.09 -0.21	25.10 0.27 -0.57	24.51 0.31 -0.07	21.81 0.47 0.00	21.55 0.30 0.00	21.04 0.21 0.00	19.91 0.18 0.00	20.05 0.12 0.00	20.10 0.04 0.00	20.76 0.00 0.00	21.45 0.11 -0.05	25.70 0.28 -0.44	32.55 0.29 -0.49	35.16 0.38 -0.17	27.05 0.29 -0.10	24.34 0.31 -0.03	21.66 0.30 0.00	19.03 0.02 0.00
NEG___GEN_MONROE 24207	15.78 -0.49 -0.02	15.17 -0.31 0.00	14.19 -0.23 0.00	13.85 -0.28 0.00	14.41 -0.18 0.00	15.47 -0.49 -0.01	21.24 -0.61 -0.07	23.92 -0.53 -0.19	23.77 -0.39 -0.02	21.30 -0.04 0.00	21.08 -0.17 0.00	20.63 -0.21 0.00	19.54 -0.20 0.00	19.61 -0.32 0.00	19.70 -0.36 0.00	20.29 -0.48 0.00	20.93 -0.38 -0.02	24.84 -0.30 -0.15	31.47 -0.48 -0.17	34.19 -0.48 -0.06	26.37 -0.32 -0.03	23.86 -0.14 -0.01	21.26 -0.11 0.00	18.53 -0.48 0.00
NEPA___ENERGY 23901	15.79 -0.49 -0.03	15.27 -0.22 0.00	14.32 -0.10 0.00	13.96 -0.17 0.00	14.56 -0.03 0.00	15.41 -0.56 -0.01	21.31 -0.57 -0.10	24.01 -0.53 -0.28	23.85 -0.31 -0.03	21.49 0.15 0.00	21.15 -0.11 0.00	20.71 -0.13 0.00	19.67 -0.06 0.00	19.77 -0.16 0.00	19.80 -0.26 0.00	20.33 -0.44 0.00	21.02 -0.30 -0.02	25.03 -0.17 -0.22	31.45 -0.57 -0.24	34.21 -0.48 -0.08	26.52 -0.19 -0.05	23.89 -0.12 -0.02	21.36 0.00 0.00	18.52 -0.49 0.00
NEVERSINK___HYD 23608	17.95 1.19 -0.52	16.57 1.08 0.00	15.37 0.95 0.00	15.08 0.95 0.00	15.55 0.96 0.00	17.22 1.09 -0.18	25.23 1.59 -1.86	30.92 1.82 -4.84	26.48 1.76 -0.59	22.84 1.49 0.00	22.78 1.49 -0.04	22.25 1.42 0.00	21.09 1.36 0.00	21.32 1.39 0.00	21.47 1.40 0.00	22.18 1.41 0.00	23.24 1.55 -0.39	30.57 1.88 -3.70	38.32 2.41 -4.12	38.69 2.67 -1.40	29.47 1.97 -0.84	25.95 1.70 -0.26	22.94 1.58 0.00	20.24 1.23 0.00
NEWKRMKL_115KV_TB1 55635	17.36 0.41 -0.71	15.87 0.39 0.00	14.83 0.42 0.00	14.54 0.41 0.00	14.99 0.41 0.00	16.69 0.49 -0.24	25.21 0.63 -2.80	31.92 0.75 -6.91	26.20 0.77 -1.30	22.71 0.60 -0.77	22.43 0.53 -0.65	21.61 0.50 -0.27	20.74 0.49 -0.51	20.78 0.54 -0.32	21.07 0.56 -0.44	22.12 0.64 -0.71	23.67 0.70 -1.67	30.85 0.82 -5.04	38.44 1.05 -5.61	38.39 1.11 -2.66	28.65 0.85 -1.15	25.01 0.67 -0.35	21.90 0.53 0.00	19.47 0.46 0.00
NEWTON___FALLS_HYD 23847	15.97 -0.28 0.00	15.19 -0.29 0.00	14.11 -0.30 0.00	13.87 -0.25 0.00	14.32 -0.26 0.00	15.76 -0.19 0.00	21.58 -0.20 0.00	24.04 -0.22 0.00	23.84 -0.29 0.00	21.04 -0.30 0.00	20.98 -0.28 0.00	20.50 -0.33 0.00	19.34 -0.39 0.00	19.49 -0.44 0.00	19.64 -0.42 0.00	20.35 -0.42 0.00	20.87 -0.43 0.00	24.49 -0.50 0.00	31.34 -0.44 0.00	34.24 -0.38 0.00	26.23 -0.43 0.00	23.61 -0.38 0.00	21.02 -0.34 0.00	18.80 -0.21 0.00
NGRID_A1_DSASP 323792	15.05 -1.22 -0.03	14.63 -0.85 0.00	13.75 -0.66 0.00	13.39 -0.74 0.00	13.96 -0.63 0.00	14.69 -1.28 -0.01	20.21 -1.66 -0.09	22.61 -1.89 -0.25	22.54 -1.62 -0.03	20.38 -0.96 0.00	20.09 -1.17 0.00	19.67 -1.17 0.00	18.73 -1.01 0.00	18.75 -1.18 0.00	18.78 -1.28 0.00	19.33 -1.43 0.00	19.93 -1.38 -0.02	23.65 -1.53 -0.19	29.57 -2.42 -0.21	32.20 -2.49 -0.07	24.99 -1.71 -0.04	22.73 -1.27 -0.01	20.36 -1.00 0.00	17.64 -1.37 0.00
NGRID_A2_DSASP 323793	15.05 -1.22 -0.03	14.63 -0.85 0.00	13.75 -0.66 0.00	13.39 -0.74 0.00	13.96 -0.63 0.00	14.69 -1.28 -0.01	20.21 -1.66 -0.09	22.61 -1.89 -0.25	22.54 -1.62 -0.03	20.38 -0.96 0.00	20.09 -1.17 0.00	19.67 -1.17 0.00	18.73 -1.01 0.00	18.75 -1.18 0.00	18.78 -1.28 0.00	19.33 -1.43 0.00	19.93 -1.38 -0.02	23.65 -1.53 -0.19	29.57 -2.42 -0.21	32.20 -2.49 -0.07	24.99 -1.71 -0.04	22.73 -1.27 -0.01	20.36 -1.00 0.00	17.64 -1.37 0.00

NGRID_A4_DSASP 323807	15.05 -1.22 -0.03	14.63 -0.85 0.00	13.75 -0.66 0.00	13.39 -0.74 0.00	13.96 -0.63 0.00	14.69 -1.28 -0.01	20.21 -1.66 -0.09	22.61 -1.89 -0.25	22.54 -1.62 -0.03	20.38 -0.96 0.00	20.09 -1.17 0.00	19.67 -1.17 0.00	18.73 -1.01 0.00	18.75 -1.18 0.00	18.78 -1.28 0.00	19.33 -1.43 0.00	19.93 -1.38 -0.02	23.65 -1.53 -0.19	29.57 -2.42 -0.21	32.20 -2.49 -0.07	24.99 -1.71 -0.04	22.73 -1.27 -0.01	20.36 -1.00 0.00	17.64 -1.37 0.00
NIAGARA_115E_LBMP 323715	15.10 -1.17 -0.03	14.73 -0.76 0.00	13.84 -0.58 0.00	13.48 -0.65 0.00	14.05 -0.54 0.00	14.78 -1.18 -0.01	20.30 -1.57 -0.09	22.71 -1.79 -0.25	22.64 -1.52 -0.03	20.45 -0.90 0.00	20.15 -1.11 0.00	19.75 -1.08 0.00	18.79 -0.95 0.00	18.83 -1.10 0.00	18.84 -1.22 0.00	19.39 -1.37 0.00	20.02 -1.30 -0.02	23.75 -1.42 -0.19	29.73 -2.26 -0.21	32.33 -2.36 -0.07	25.10 -1.60 -0.04	22.83 -1.18 -0.01	20.42 -0.94 0.00	17.70 -1.31 0.00
NIAGARA_115W_LBMP 323714	15.01 -1.27 -0.03	14.60 -0.88 0.00	13.72 -0.69 0.00	13.37 -0.76 0.00	13.93 -0.66 0.00	14.64 -1.32 -0.01	20.17 -1.70 -0.09	22.56 -1.94 -0.25	22.47 -1.69 -0.03	20.32 -1.02 0.00	20.02 -1.23 0.00	19.63 -1.21 0.00	18.67 -1.07 0.00	18.71 -1.22 0.00	18.74 -1.32 0.00	19.27 -1.50 0.00	19.89 -1.43 -0.02	23.61 -1.57 -0.19	29.48 -2.51 -0.21	32.09 -2.60 -0.07	24.91 -1.79 -0.04	22.69 -1.32 -0.01	20.30 -1.07 0.00	17.58 -1.43 0.00
NIAGARA_230_LBMP 323716	15.23 -1.04 -0.03	14.82 -0.67 0.00	13.93 -0.49 0.00	13.56 -0.57 0.00	14.13 -0.45 0.00	14.88 -1.09 -0.01	20.50 -1.37 -0.09	22.93 -1.58 -0.25	22.81 -1.35 -0.03	20.62 -0.73 0.00	20.32 -0.93 0.00	19.90 -0.94 0.00	18.92 -0.81 0.00	18.97 -0.96 0.00	19.00 -1.06 0.00	19.56 -1.20 0.00	20.19 -1.13 -0.02	23.95 -1.22 -0.19	29.95 -2.03 -0.21	32.58 -2.11 -0.07	25.28 -1.41 -0.04	23.00 -1.01 -0.01	20.60 -0.77 0.00	17.87 -1.14 0.00
NIAGARA__115KV_198_GIBSON 55903	15.02 -1.25 -0.03	14.60 -0.88 0.00	13.71 -0.71 0.00	13.37 -0.76 0.00	13.93 -0.66 0.00	14.64 -1.32 -0.01	20.17 -1.70 -0.09	22.59 -1.92 -0.25	22.47 -1.69 -0.03	20.32 -1.02 0.00	20.02 -1.23 0.00	19.63 -1.21 0.00	18.67 -1.07 0.00	18.77 -1.16 0.00	18.82 -1.24 0.00	19.27 -1.49 0.00	19.89 -1.43 -0.02	23.60 -1.57 -0.19	29.51 -2.48 -0.21	32.09 -2.60 -0.07	24.91 -1.79 -0.04	22.59 -1.42 -0.01	20.30 -1.07 0.00	17.55 -1.46 0.00
NIAGARA____ 23760	15.23 -1.04 -0.03	14.82 -0.67 0.00	13.93 -0.49 0.00	13.56 -0.57 0.00	14.13 -0.45 0.00	14.88 -1.09 -0.01	20.50 -1.37 -0.09	22.93 -1.58 -0.25	22.81 -1.35 -0.03	20.62 -0.73 0.00	20.32 -0.93 0.00	19.90 -0.94 0.00	18.92 -0.81 0.00	18.97 -0.96 0.00	19.00 -1.06 0.00	19.56 -1.20 0.00	20.19 -1.13 -0.02	23.95 -1.22 -0.19	29.96 -2.03 -0.21	32.58 -2.11 -0.07	25.28 -1.41 -0.04	23.00 -1.01 -0.01	20.60 -0.77 0.00	17.87 -1.14 0.00
NINE_MILE_1 23575	15.81 -0.44 0.00	15.08 -0.40 0.00	14.06 -0.36 0.00	13.76 -0.37 0.00	14.21 -0.38 0.00	15.46 -0.49 0.00	21.19 -0.59 0.00	23.48 -0.78 0.00	23.33 -0.80 0.00	20.70 -0.64 0.00	20.55 -0.70 0.00	20.15 -0.69 0.00	19.10 -0.63 0.00	19.27 -0.66 0.00	19.36 -0.70 0.00	20.04 -0.73 0.00	20.57 -0.72 0.00	24.14 -0.85 0.00	30.70 -1.08 0.00	33.44 -1.18 0.00	25.77 -0.88 0.00	23.32 -0.67 0.00	20.79 -0.58 0.00	18.48 -0.53 0.00
NINE_MILE_2 23744	15.81 -0.44 0.00	15.08 -0.40 0.00	14.06 -0.36 0.00	13.76 -0.37 0.00	14.21 -0.38 0.00	15.48 -0.48 0.00	21.19 -0.59 0.00	23.48 -0.78 0.00	23.33 -0.80 0.00	20.70 -0.64 0.00	20.55 -0.70 0.00	20.15 -0.69 0.00	19.10 -0.63 0.00	19.27 -0.66 0.00	19.36 -0.70 0.00	20.04 -0.73 0.00	20.57 -0.72 0.00	24.14 -0.85 0.00	30.70 -1.08 0.00	33.44 -1.18 0.00	25.77 -0.88 0.00	23.32 -0.67 0.00	20.79 -0.58 0.00	18.50 -0.51 0.00
NM_CAPITAL____DRP 24208	17.39 0.44 -0.71	15.92 0.43 0.00	14.86 0.45 0.00	14.57 0.44 0.00	15.04 0.45 0.00	16.72 0.53 -0.24	25.26 0.68 -2.80	31.98 0.82 -6.90	26.28 0.84 -1.30	22.76 0.64 -0.78	22.47 0.57 -0.65	21.65 0.54 -0.28	20.78 0.53 -0.52	20.83 0.58 -0.32	21.13 0.62 -0.45	22.17 0.69 -0.72	23.75 0.77 -1.68	30.92 0.90 -5.03	38.52 1.14 -5.60	38.50 1.21 -2.67	28.73 0.93 -1.14	25.09 0.74 -0.35	21.96 0.60 0.00	19.50 0.49 0.00
NM_CENTRAL____DRP 24181	16.12 -0.15 -0.01	15.38 -0.11 0.00	14.32 -0.10 0.00	14.00 -0.13 0.00	14.50 -0.09 0.00	15.77 -0.19 0.00	21.72 -0.11 -0.05	24.41 0.00 -0.15	24.15 0.00 -0.02	21.45 0.11 0.00	21.25 0.00 0.00	20.77 -0.06 0.00	19.67 -0.06 0.00	19.85 -0.08 0.00	19.94 -0.12 0.00	20.58 -0.19 0.00	21.16 -0.15 -0.01	25.00 -0.10 -0.12	31.81 -0.10 -0.13	34.56 -0.10 -0.04	26.60 -0.08 -0.03	24.00 0.00 -0.01	21.38 0.02 0.00	18.91 -0.10 0.00
NM_FRONTIER____DRP 24179	15.02 -1.25 -0.03	14.60 -0.88 0.00	13.71 -0.71 0.00	13.37 -0.76 0.00	13.93 -0.66 0.00	14.64 -1.32 -0.01	20.17 -1.70 -0.09	22.59 -1.92 -0.25	22.47 -1.69 -0.03	20.32 -1.02 0.00	20.02 -1.23 0.00	19.63 -1.21 0.00	18.67 -1.07 0.00	18.77 -1.16 0.00	18.82 -1.24 0.00	19.27 -1.49 0.00	19.89 -1.43 -0.02	23.60 -1.57 -0.19	29.51 -2.48 -0.21	32.09 -2.60 -0.07	24.91 -1.79 -0.04	22.59 -1.42 -0.01	20.30 -1.07 0.00	17.55 -1.46 0.00
NM_ST_REGIS____HYD 24053	15.91 -0.34 0.00	15.10 -0.39 0.00	14.06 -0.36 0.00	13.83 -0.30 0.00	14.24 -0.35 0.00	15.68 -0.27 0.00	21.39 -0.39 0.00	23.80 -0.46 0.00	23.72 -0.41 0.00	20.96 -0.38 0.00	21.00 -0.26 0.00	20.54 -0.29 0.00	19.38 -0.36 0.00	19.55 -0.38 0.00	19.72 -0.34 0.00	20.41 -0.35 0.00	20.89 -0.40 0.00	24.41 -0.57 0.00	31.14 -0.64 0.00	33.89 -0.73 0.00	25.99 -0.67 0.00	23.37 -0.62 0.00	20.89 -0.47 0.00	18.72 -0.29 0.00
NORTHPORT____1 23551	18.23 1.38 -0.60	16.77 1.28 0.00	15.50 1.08 0.00	15.29 1.16 0.00	15.74 1.15 0.00	17.54 1.37 -0.21	26.49 1.98 -2.73	32.59 2.14 -6.20	28.65 2.65 -1.86	25.60 2.37 -1.89	25.21 2.10 -1.85	23.56 2.06 -0.66	23.00 2.05 -1.22	22.83 2.11 -0.79	23.32 2.15 -1.11	24.73 2.22 -1.75	26.83 2.34 -3.19	31.63 2.47 -4.17	39.73 3.31 -4.65	41.31 3.36 -3.34	30.35 2.75 -0.96	28.21 2.42 -1.80	23.63 2.24 -0.02	20.85 1.84 0.00
NORTHPORT____2 23552	18.23 1.38 -0.60	16.77 1.28 0.00	15.50 1.08 0.00	15.29 1.16 0.00	15.74 1.15 0.00	17.54 1.37 -0.21	26.49 1.98 -2.73	32.59 2.14 -6.20	28.65 2.65 -1.86	25.60 2.37 -1.89	25.21 2.10 -1.85	23.56 2.06 -0.66	23.00 2.05 -1.22	22.83 2.11 -0.79	23.32 2.15 -1.11	24.73 2.22 -1.75	26.83 2.34 -3.19	31.63 2.47 -4.17	39.73 3.31 -4.65	41.31 3.36 -3.34	30.35 2.75 -0.96	28.21 2.42 -1.80	23.63 2.24 -0.02	20.85 1.84 0.00
NORTHPORT____3 23553	18.43 1.56 -0.62	16.69 1.21 0.01	15.51 1.10 0.01	15.06 0.93 0.00	15.72 1.14 0.01	17.74 1.55 -0.24	26.73 2.22 -2.73	32.65 2.33 -6.06	28.95 2.89 -1.92	25.93 2.56 -2.03	25.71 2.42 -2.03	23.91 2.37 -0.70	23.28 2.29 -1.26	23.08 2.31 -0.84	23.58 2.31 -1.21	25.08 2.43 -1.88	27.10 2.49 -3.31	31.51 2.65 -3.88	39.48 3.27 -4.42	41.45 3.53 -3.30	29.90 2.93 -0.31	28.48 2.62 -1.87	23.86 2.43 -0.07	20.79 1.79 0.01

NORTHPORT___4 23650	18.43 1.56 -0.62	16.69 1.21 0.01	15.51 1.10 0.01	15.06 0.93 0.00	15.72 1.14 0.01	17.74 1.55 -0.24	26.73 2.22 -2.73	32.65 2.33 -6.06	28.95 2.89 -1.92	25.93 2.56 -2.03	25.71 2.42 -2.03	23.91 2.37 -0.70	23.28 2.29 -1.26	23.08 2.31 -0.84	23.58 2.31 -1.21	25.08 2.43 -1.88	27.10 2.49 -3.31	31.51 2.65 -3.88	39.48 3.27 -4.42	41.45 3.53 -3.30	29.90 2.93 -0.31	28.48 2.62 -1.87	23.86 2.43 -0.07	20.79 1.79 0.01
NORTHPORT___IC 23718	18.23 1.38 -0.60	16.77 1.28 0.00	15.50 1.08 0.00	15.29 1.16 0.00	15.74 1.15 0.00	17.54 1.37 -0.21	26.49 1.98 -2.73	32.59 2.14 -6.20	28.65 2.65 -1.86	25.60 2.37 -1.89	25.21 2.10 -1.85	23.56 2.06 -0.66	23.00 2.05 -1.22	22.83 2.11 -0.79	23.32 2.15 -1.11	24.73 2.22 -1.75	26.83 2.34 -3.19	31.63 2.47 -4.17	39.73 3.31 -4.65	41.31 3.36 -3.34	30.35 2.75 -0.96	28.21 2.42 -1.80	23.63 2.24 -0.02	20.85 1.84 0.00
NORTH___COUNTRY_ESR 323785	15.81 -0.44 0.00	15.00 -0.48 0.00	13.97 -0.45 0.00	13.75 -0.38 0.00	14.15 -0.44 0.00	15.57 -0.38 0.00	21.23 -0.54 0.00	23.82 -0.44 0.00	23.81 -0.31 0.00	21.06 -0.28 0.00	21.15 -0.11 0.00	20.71 -0.12 0.00	19.52 -0.22 0.00	19.73 -0.20 0.00	19.98 -0.08 0.00	20.64 -0.12 0.00	21.23 -0.06 0.00	24.89 -0.10 0.00	31.65 -0.13 0.00	34.41 -0.21 0.00	26.33 -0.32 0.00	23.56 -0.43 0.00	20.91 -0.45 0.00	18.74 -0.27 0.00
NPX_GEN_1385_PROXY 323591	18.07 1.38 -0.44	16.92 1.28 -0.16	15.40 0.98 0.00	15.29 1.16 0.00	15.74 1.15 0.00	17.54 1.37 -0.21	26.36 1.85 -2.73	32.21 1.75 -6.20	28.19 2.20 -1.86	25.28 2.05 -1.89	24.27 1.23 -1.78	22.81 1.31 -0.66	22.47 1.52 -1.22	22.39 1.67 -0.79	23.00 1.83 -1.11	24.27 1.76 -1.75	26.52 2.02 -3.19	31.13 1.97 -4.17	39.32 2.89 -4.65	40.56 2.60 -3.34	29.90 2.29 -0.96	27.88 2.09 -1.80	23.63 2.24 -0.02	20.85 1.84 0.00
NPX_GEN_CSC 323557	20.71 1.69 -2.77	17.26 1.50 -0.28	15.87 1.33 -0.12	15.48 1.31 -0.04	16.10 1.39 -0.12	20.55 1.66 -2.94	27.23 2.37 -3.07	35.81 2.72 -8.83	34.55 3.28 -7.14	38.01 2.92 -13.74	40.35 2.70 -16.40	27.99 2.65 -4.51	27.52 2.56 -5.22	28.05 2.61 -5.51	32.26 2.65 -9.55	36.80 2.76 -13.28	37.15 2.90 -12.96	37.90 3.20 -9.71	44.78 4.07 -8.93	42.97 4.33 -4.02	43.41 3.46 -13.29	35.37 3.07 -8.30	27.98 2.65 -3.96	21.28 2.15 -0.12
NSINS_S_GLNS_FALLS 23858	18.19 1.22 -0.72	16.66 1.18 0.00	15.50 1.08 0.00	15.17 1.05 0.00	15.69 1.11 0.00	17.41 1.21 -0.24	26.42 1.81 -2.84	33.38 2.11 -7.02	27.49 2.08 -1.29	23.89 1.81 -0.73	23.51 1.64 -0.62	22.70 1.60 -0.26	21.56 1.34 -0.49	21.61 1.38 -0.30	21.89 1.40 -0.42	22.96 1.52 -0.68	24.46 1.53 -1.63	31.92 1.80 -5.13	40.04 2.54 -5.71	40.02 2.73 -2.66	30.06 2.24 -1.17	26.20 1.85 -0.36	22.86 1.50 0.00	20.49 1.48 0.00
NUCOR_STEEL___DRP 24197	16.33 0.06 -0.02	15.58 0.09 0.00	14.50 0.09 0.00	14.17 0.04 0.00	14.70 0.12 0.00	15.98 0.02 -0.01	22.05 0.20 -0.07	25.54 1.07 -0.22	25.29 1.13 -0.03	22.49 1.15 0.00	22.21 0.96 0.00	21.65 0.81 0.00	20.46 0.73 0.00	20.61 0.68 0.00	20.63 0.56 0.00	21.28 0.52 0.00	21.76 0.45 -0.02	25.83 0.67 -0.17	32.95 0.99 -0.19	35.75 1.07 -0.06	27.49 0.80 -0.04	24.75 0.74 -0.01	22.03 0.66 0.00	19.35 0.34 0.00
NUMBER_THREE_WT_PWR 323818	16.15 -0.10 0.00	15.38 -0.11 0.00	14.29 -0.13 0.00	14.04 -0.08 0.00	14.53 -0.06 0.00	15.99 0.03 0.00	21.95 0.17 0.00	24.48 0.22 0.00	24.20 0.07 0.00	21.32 -0.02 0.00	21.17 -0.08 0.00	20.65 -0.19 0.00	19.48 -0.26 0.00	19.65 -0.28 0.00	19.76 -0.30 0.00	20.49 -0.27 0.00	21.13 -0.17 0.00	24.89 -0.10 0.00	31.91 0.13 0.00	35.03 0.42 0.00	26.76 0.11 0.00	24.04 0.05 0.00	21.38 0.02 0.00	19.12 0.11 0.00
NYISO_LBMP_REFERENCE 24008	16.25 0.00 0.00	15.48 0.00 0.00	14.42 0.00 0.00	14.13 0.00 0.00	14.59 0.00 0.00	15.96 0.00 0.00	21.78 0.00 0.00	24.26 0.00 0.00	24.13 0.00 0.00	21.34 0.00 0.00	21.25 0.00 0.00	20.84 0.00 0.00	19.73 0.00 0.00	19.93 0.00 0.00	20.06 0.00 0.00	20.76 0.00 0.00	21.30 0.00 0.00	24.99 0.00 0.00	31.78 0.00 0.00	34.62 0.00 0.00	26.65 0.00 0.00	23.99 0.00 0.00	21.36 0.00 0.00	19.01 0.00 0.00
NYPA_BRENTWD___GT 24164	18.49 1.40 -0.85	16.75 1.25 -0.01	15.50 1.07 -0.01	15.29 1.16 0.00	15.74 1.14 -0.01	17.85 1.39 -0.50	26.57 2.03 -2.77	32.95 2.23 -6.46	29.30 2.75 -2.42	26.94 2.45 -3.15	26.89 2.23 -3.40	24.07 2.17 -1.07	23.51 2.13 -1.64	23.41 2.19 -1.29	24.32 2.25 -2.01	26.04 2.30 -2.97	27.98 2.45 -4.23	32.38 2.68 -4.72	40.41 3.56 -5.07	41.66 3.63 -3.41	31.79 2.96 -2.18	29.07 2.59 -2.49	24.11 2.31 -0.44	20.89 1.86 -0.01
NYPA_GOWANUS___GT5 24156	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.14 1.00 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.41 1.89 -2.74	33.87 2.31 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.03 1.91 -4.36	26.53 1.94 -3.29	67.83 2.22 -40.62	39.22 2.80 -4.65	40.97 3.01 -3.34	30.01 2.40 -0.96	26.40 2.11 -0.30	23.25 1.88 -0.01	20.52 1.50 -0.01
NYPA_GOWANUS___GT6 24157	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.14 1.00 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.41 1.89 -2.74	33.87 2.31 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.03 1.91 -4.36	26.53 1.94 -3.29	67.83 2.22 -40.62	39.22 2.80 -4.65	40.97 3.01 -3.34	30.01 2.40 -0.96	26.40 2.11 -0.30	23.25 1.88 -0.01	20.52 1.50 -0.01
NYPA_HARLEM__RVR_GT1 24160	17.96 1.12 -0.59	16.53 1.04 -0.01	15.38 0.95 -0.01	15.07 0.93 -0.01	15.53 0.93 -0.01	17.32 1.16 -0.21	26.28 1.79 -2.72	32.61 2.16 -6.19	28.05 2.10 -1.82	25.01 1.88 -1.79	24.81 1.83 -1.73	23.24 1.77 -0.63	22.62 1.70 -1.19	22.38 1.71 -0.73	22.81 1.73 -1.02	24.20 1.79 -1.65	26.25 1.85 -3.10	31.30 2.15 -4.16	39.08 2.67 -4.63	40.86 2.91 -3.33	29.83 2.24 -0.94	26.19 1.92 -0.28	23.11 1.75 0.01	20.35 1.35 0.01
NYPA_HARLEM__RVR_GT2 24161	17.96 1.12 -0.59	16.53 1.04 -0.01	15.38 0.95 -0.01	15.07 0.93 -0.01	15.53 0.93 -0.01	17.32 1.16 -0.21	26.28 1.79 -2.72	32.61 2.16 -6.19	28.05 2.10 -1.82	25.01 1.88 -1.79	24.81 1.83 -1.73	23.24 1.77 -0.63	22.62 1.70 -1.19	22.38 1.71 -0.73	22.81 1.73 -1.02	24.20 1.79 -1.65	26.25 1.85 -3.10	31.30 2.15 -4.16	39.08 2.67 -4.63	40.86 2.91 -3.33	29.83 2.24 -0.94	26.19 1.92 -0.28	23.11 1.75 0.01	20.35 1.35 0.01
NYPA_KENT___GT 24152	18.11 1.27 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.15 1.02 -0.01	15.61 1.02 -0.01	17.42 1.26 -0.21	26.43 1.92 -2.74	33.87 2.31 -7.30	96.82 2.24 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.01 1.89 -4.36	26.55 1.96 -3.29	67.86 2.25 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	29.98 2.37 -0.96	26.38 2.09 -0.30	23.25 1.88 -0.01	20.50 1.48 -0.01

NYPA_POUCH1____GT 24155	18.12 1.28 -0.59	16.64 1.15 -0.01	15.46 1.04 -0.01	15.15 1.02 -0.01	15.63 1.04 -0.01	17.42 1.26 -0.21	26.43 1.92 -2.74	33.89 2.33 -7.30	96.79 2.22 -70.44	28.05 1.96 -4.74	30.30 1.91 -7.13	34.33 1.85 -11.64	33.80 1.81 -12.26	32.63 1.85 -10.85	29.71 1.87 -7.78	27.05 1.93 -4.36	26.53 1.94 -3.29	67.83 2.22 -40.62	39.22 2.80 -4.65	40.97 3.01 -3.34	30.03 2.43 -0.96	26.43 2.13 -0.30	23.27 1.90 -0.01	20.54 1.52 -0.01
NYPA_VERNON____GT2 24162	18.11 1.27 -0.59	16.62 1.13 -0.01	15.46 1.04 -0.01	15.15 1.02 -0.01	15.61 1.02 -0.01	17.42 1.26 -0.21	26.43 1.92 -2.74	33.87 2.31 -7.30	96.82 2.24 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.01 1.89 -4.36	26.57 1.98 -3.29	67.88 2.27 -40.62	39.22 2.80 -4.65	41.04 3.08 -3.34	29.98 2.37 -0.96	26.38 2.09 -0.30	23.25 1.88 -0.01	20.50 1.48 -0.01
NYPA_VERNON____GT3 24163	18.11 1.27 -0.59	16.62 1.13 -0.01	15.46 1.04 -0.01	15.15 1.02 -0.01	15.61 1.02 -0.01	17.42 1.26 -0.21	26.43 1.92 -2.74	33.87 2.31 -7.30	96.82 2.24 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.01 1.89 -4.36	26.57 1.98 -3.29	67.88 2.27 -40.62	39.22 2.80 -4.65	41.04 3.08 -3.34	29.98 2.37 -0.96	26.38 2.09 -0.30	23.25 1.88 -0.01	20.50 1.48 -0.01
NYPA____ASTORIA_CC1 323568	18.09 1.25 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.15 1.02 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.43 1.92 -2.74	33.84 2.28 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.59 1.81 -10.85	29.67 1.83 -7.78	27.01 1.89 -4.36	26.57 1.98 -3.29	67.88 2.27 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	29.98 2.37 -0.96	26.35 2.06 -0.30	23.23 1.86 -0.01	20.48 1.46 -0.01
NYPA____ASTORIA_CC2 323569	18.09 1.25 -0.59	16.62 1.13 -0.01	15.45 1.02 -0.01	15.15 1.02 -0.01	15.61 1.02 -0.01	17.41 1.25 -0.21	26.43 1.92 -2.74	33.84 2.28 -7.30	96.79 2.22 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.59 1.81 -10.85	29.67 1.83 -7.78	27.01 1.89 -4.36	26.57 1.98 -3.29	67.88 2.27 -40.62	39.22 2.80 -4.65	41.01 3.05 -3.34	29.98 2.37 -0.96	26.35 2.06 -0.30	23.23 1.86 -0.01	20.48 1.46 -0.01
NYPA____HOLTSVILL 23794	20.72 1.54 -2.93	16.99 1.38 -0.12	15.75 1.21 -0.12	15.39 1.22 -0.04	15.98 1.27 -0.12	20.43 1.53 -2.94	27.05 2.20 -3.08	35.54 2.45 -8.84	34.24 2.97 -7.14	37.74 2.65 -13.75	40.08 2.42 -16.41	27.74 2.40 -4.51	27.29 2.33 -5.23	27.82 2.37 -5.52	32.02 2.41 -9.55	36.54 2.49 -13.28	36.86 2.60 -12.96	37.53 2.82 -9.72	44.36 3.65 -8.93	42.45 3.81 -4.02	43.04 3.09 -13.30	35.03 2.73 -8.30	27.78 2.46 -3.96	21.11 1.98 -0.12
NYPA____HELLGATE_GT1 24158	17.98 1.14 -0.59	16.53 1.04 -0.01	15.38 0.95 -0.01	15.07 0.93 -0.01	15.53 0.93 -0.01	17.32 1.16 -0.21	26.28 1.79 -2.72	32.61 2.16 -6.19	28.05 2.10 -1.82	25.01 1.88 -1.79	24.81 1.83 -1.73	23.24 1.77 -0.63	22.62 1.70 -1.19	22.38 1.71 -0.73	22.81 1.73 -1.02	24.20 1.79 -1.65	26.25 1.85 -3.10	31.27 2.12 -4.16	39.05 2.64 -4.63	40.82 2.87 -3.33	29.80 2.21 -0.94	26.19 1.92 -0.28	23.11 1.75 0.01	20.35 1.35 0.01
NYPA____HELLGATE_GT2 24159	17.98 1.14 -0.59	16.53 1.04 -0.01	15.38 0.95 -0.01	15.07 0.93 -0.01	15.53 0.93 -0.01	17.32 1.16 -0.21	26.28 1.79 -2.72	32.61 2.16 -6.19	28.05 2.10 -1.82	25.01 1.88 -1.79	24.81 1.83 -1.73	23.24 1.77 -0.63	22.62 1.70 -1.19	22.38 1.71 -0.73	22.81 1.73 -1.02	24.20 1.79 -1.65	26.25 1.85 -3.10	31.27 2.12 -4.16	39.05 2.64 -4.63	40.82 2.87 -3.33	29.80 2.21 -0.94	26.19 1.92 -0.28	23.11 1.75 0.01	20.35 1.35 0.01
NYS_BARGE____HYD 23848	15.36 -0.91 -0.02	14.93 -0.56 0.00	14.03 -0.39 0.00	13.66 -0.47 0.00	14.24 -0.35 0.00	15.01 -0.96 -0.01	20.67 -1.20 -0.09	23.14 -1.36 -0.24	23.07 -1.09 -0.03	20.85 -0.49 0.00	20.53 -0.72 0.00	20.13 -0.71 0.00	19.12 -0.61 0.00	19.17 -0.76 0.00	19.18 -0.88 0.00	19.77 -1.00 0.00	20.40 -0.92 -0.02	24.22 -0.95 -0.18	30.36 -1.62 -0.20	33.03 -1.66 -0.07	25.60 -1.09 -0.04	23.26 -0.74 -0.01	20.81 -0.56 0.00	18.02 -0.99 0.00
OAK ORCHARD____HYD 24046	15.83 -0.44 -0.02	15.17 -0.31 0.00	14.19 -0.23 0.00	13.85 -0.28 0.00	14.38 -0.20 0.00	15.47 -0.49 -0.01	21.28 -0.57 -0.07	24.01 -0.44 -0.19	23.86 -0.29 -0.02	21.32 -0.02 0.00	21.13 -0.13 0.00	20.67 -0.17 0.00	19.57 -0.16 0.00	19.65 -0.28 0.00	19.70 -0.36 0.00	20.37 -0.40 0.00	20.99 -0.32 -0.02	24.89 -0.25 -0.15	31.56 -0.38 -0.16	34.26 -0.41 -0.06	26.39 -0.29 -0.03	23.88 -0.12 -0.01	21.24 -0.13 0.00	18.55 -0.46 0.00
OAKDALE__35_KV_LOAD 356122	16.20 -0.11 -0.06	15.45 -0.03 0.00	14.42 0.00 0.00	14.09 -0.04 0.00	14.63 0.04 0.00	15.82 -0.16 -0.02	21.98 -0.02 -0.23	24.99 0.12 -0.61	24.37 0.17 -0.07	21.68 0.34 0.00	21.42 0.17 0.00	20.92 0.08 0.00	19.81 0.08 0.00	19.97 0.04 0.00	20.02 -0.04 0.00	20.66 -0.10 0.00	21.35 0.00 -0.05	25.61 0.15 -0.47	32.40 0.10 -0.52	34.97 0.17 -0.18	26.92 0.16 -0.11	24.19 0.17 -0.03	21.56 0.19 0.00	18.93 -0.08 0.00
OCC_CHEM____DRP 24175	15.05 -1.22 -0.03	14.63 -0.85 0.00	13.75 -0.66 0.00	13.39 -0.73 0.00	13.96 -0.63 0.00	14.69 -1.28 -0.01	20.21 -1.66 -0.09	22.64 -1.87 -0.25	22.54 -1.62 -0.03	20.36 -0.98 0.00	20.06 -1.19 0.00	19.67 -1.17 0.00	18.73 -1.01 0.00	18.83 -1.10 0.00	18.88 -1.18 0.00	19.33 -1.43 0.00	19.93 -1.38 -0.02	23.65 -1.52 -0.19	29.58 -2.42 -0.21	32.20 -2.49 -0.07	24.99 -1.71 -0.04	22.66 -1.34 -0.01	20.36 -1.00 0.00	17.58 -1.43 0.00
OH_GEN_PROXY 24063	15.11 -1.01 0.13	14.99 -0.65 -0.16	13.94 -0.48 0.00	13.58 -0.55 0.00	14.15 -0.44 0.00	14.91 -1.05 -0.01	20.52 -1.35 -0.09	23.00 -1.50 -0.25	22.88 -1.28 -0.03	20.66 -0.68 0.00	20.36 -0.89 0.00	19.96 -0.87 0.00	18.98 -0.75 0.00	19.03 -0.90 0.00	19.04 -1.02 0.00	19.62 -1.14 0.00	20.23 -1.09 -0.02	24.03 -1.15 -0.19	30.05 -1.94 -0.21	32.72 -1.97 -0.07	25.36 -1.33 -0.04	23.07 -0.94 -0.01	20.64 -0.73 0.00	17.89 -1.12 0.00
OLIN_CORP_DRP 24177	15.15 -1.12 -0.03	14.76 -0.73 0.00	13.85 -0.56 0.00	13.51 -0.62 0.00	14.08 -0.51 0.00	14.81 -1.15 -0.01	20.37 -1.50 -0.09	22.81 -1.70 -0.25	22.69 -1.47 -0.03	20.49 -0.85 0.00	20.19 -1.06 0.00	19.79 -1.04 0.00	18.82 -0.91 0.00	18.93 -1.00 0.00	18.98 -1.08 0.00	19.43 -1.33 0.00	20.06 -1.26 -0.02	23.83 -1.35 -0.19	29.80 -2.19 -0.21	32.44 -2.25 -0.07	25.15 -1.55 -0.04	22.81 -1.20 -0.01	20.49 -0.88 0.00	17.70 -1.31 0.00
OLIN_CORP_DSASP 323712	15.05 -1.22 -0.03	14.63 -0.85 0.00	13.75 -0.66 0.00	13.39 -0.74 0.00	13.96 -0.63 0.00	14.69 -1.28 -0.01	20.21 -1.66 -0.09	22.61 -1.89 -0.25	22.54 -1.62 -0.03	20.38 -0.96 0.00	20.09 -1.17 0.00	19.67 -1.17 0.00	18.73 -1.01 0.00	18.75 -1.18 0.00	18.78 -1.28 0.00	19.33 -1.43 0.00	19.93 -1.38 -0.02	23.65 -1.53 -0.19	29.57 -2.42 -0.21	32.20 -2.49 -0.07	24.99 -1.71 -0.04	22.73 -1.27 -0.01	20.36 -1.00 0.00	17.64 -1.37 0.00

ONEIDA_HERK_LFGE 323681	16.43 0.18 0.00	15.64 0.15 0.00	14.53 0.11 0.00	14.26 0.13 0.00	14.75 0.16 0.00	16.19 0.24 0.00	22.24 0.46 0.00	24.74 0.48 0.00	24.54 0.41 0.00	21.66 0.32 0.00	21.49 0.23 0.00	21.00 0.17 0.00	19.83 0.10 0.00	20.01 0.08 0.00	20.12 0.06 0.00	20.83 0.06 0.00	21.47 0.17 0.00	25.29 0.30 0.00	32.29 0.51 0.00	35.27 0.66 0.00	27.08 0.43 0.00	24.35 0.36 0.00	21.70 0.34 0.00	19.30 0.29 0.00
ONEIDA___115KV_TB4 55905	16.57 0.32 0.00	15.81 0.33 0.00	14.69 0.27 0.00	14.40 0.27 0.00	14.91 0.32 0.00	16.32 0.37 0.00	22.43 0.65 0.00	25.12 0.75 -0.11	24.84 0.70 -0.01	21.96 0.62 0.00	21.76 0.51 0.00	21.25 0.42 0.00	20.09 0.36 0.00	20.27 0.34 0.00	20.36 0.30 0.00	21.05 0.29 0.00	21.67 0.36 -0.01	25.62 0.55 -0.08	32.67 0.79 -0.09	35.55 0.90 -0.03	27.34 0.67 -0.02	24.60 0.60 -0.01	21.92 0.56 0.00	19.43 0.42 0.00
ONONDAGA_REF_OCCRA 23987	16.17 -0.10 -0.02	15.42 -0.06 0.00	14.36 -0.06 0.00	14.04 -0.08 0.00	14.54 -0.04 0.00	15.82 -0.14 -0.01	21.82 -0.02 -0.06	24.61 0.17 -0.19	24.32 0.17 -0.02	21.60 0.26 0.00	21.38 0.13 0.00	20.90 0.06 0.00	19.79 0.06 0.00	19.95 0.02 0.00	20.04 -0.02 0.00	20.70 -0.06 0.00	21.29 -0.02 -0.01	25.21 0.07 -0.14	32.07 0.13 -0.16	34.81 0.14 -0.05	26.79 0.11 -0.03	24.15 0.14 -0.01	21.51 0.15 0.00	19.01 0.00 0.00
ONONDAGA___COGEN 23986	16.28 0.02 -0.02	15.52 0.03 0.00	14.45 0.03 0.00	14.11 -0.01 0.00	14.63 0.04 0.00	15.93 -0.03 -0.01	21.95 0.11 -0.06	25.04 0.61 -0.17	24.80 0.65 -0.02	22.03 0.68 0.00	21.81 0.55 0.00	21.27 0.44 0.00	20.13 0.39 0.00	20.29 0.36 0.00	20.36 0.30 0.00	21.01 0.25 0.00	21.57 0.26 -0.01	25.57 0.45 -0.13	32.56 0.64 -0.15	35.36 0.69 -0.05	27.19 0.51 -0.03	24.48 0.48 -0.01	21.81 0.45 0.00	19.26 0.25 0.00
ONTARIO___LFGE 23819	16.19 -0.08 -0.02	15.48 0.00 0.00	14.45 0.03 0.00	14.09 -0.04 0.00	14.64 0.06 0.00	15.87 -0.10 -0.01	21.99 0.13 -0.08	24.95 0.46 -0.24	24.71 0.56 -0.03	22.05 0.70 0.00	21.74 0.49 0.00	21.19 0.35 0.00	20.03 0.30 0.00	20.15 0.22 0.00	20.19 0.12 0.00	20.87 0.10 0.00	21.51 0.19 -0.02	25.62 0.45 -0.18	32.39 0.41 -0.20	35.21 0.52 -0.07	27.17 0.48 -0.04	24.46 0.45 -0.01	21.77 0.40 0.00	19.07 0.06 0.00
ORANGEVILLE_WT_PWR 323706	15.63 -0.65 -0.03	15.11 -0.37 0.00	14.17 -0.25 0.00	13.80 -0.32 0.00	14.40 -0.19 0.00	15.30 -0.67 -0.01	21.17 -0.72 -0.11	23.80 -0.75 -0.29	23.63 -0.53 -0.04	21.26 -0.09 0.00	20.89 -0.36 0.00	20.44 -0.40 0.00	19.40 -0.34 0.00	19.43 -0.50 0.00	19.48 -0.58 0.00	20.08 -0.68 0.00	20.77 -0.55 -0.02	24.77 -0.45 -0.23	31.11 -0.92 -0.25	33.84 -0.86 -0.09	26.20 -0.51 -0.05	23.72 -0.29 -0.02	21.15 -0.21 0.00	18.42 -0.59 0.00
ORANGEVILLE___ESR 323794	15.63 -0.65 -0.03	15.11 -0.37 0.00	14.17 -0.25 0.00	13.80 -0.32 0.00	14.40 -0.19 0.00	15.30 -0.67 -0.01	21.17 -0.72 -0.11	23.80 -0.75 -0.29	23.63 -0.53 -0.04	21.26 -0.09 0.00	20.89 -0.36 0.00	20.44 -0.40 0.00	19.40 -0.34 0.00	19.43 -0.50 0.00	19.48 -0.58 0.00	20.08 -0.68 0.00	20.77 -0.55 -0.02	24.77 -0.45 -0.23	31.11 -0.92 -0.25	33.84 -0.86 -0.09	26.20 -0.51 -0.05	23.72 -0.29 -0.02	21.15 -0.21 0.00	18.42 -0.59 0.00
OSWEGATCHIE___HYD 24044	15.97 -0.28 0.00	15.19 -0.29 0.00	14.11 -0.30 0.00	13.87 -0.25 0.00	14.32 -0.26 0.00	15.76 -0.19 0.00	21.58 -0.20 0.00	24.04 -0.22 0.00	23.84 -0.29 0.00	21.04 -0.30 0.00	20.98 -0.28 0.00	20.50 -0.33 0.00	19.34 -0.39 0.00	19.49 -0.44 0.00	19.64 -0.42 0.00	20.33 -0.44 0.00	20.87 -0.43 0.00	24.49 -0.50 0.00	31.34 -0.44 0.00	34.24 -0.38 0.00	26.23 -0.43 0.00	23.59 -0.41 0.00	21.02 -0.34 0.00	18.80 -0.21 0.00
OSWEGO___5 23606	15.92 -0.34 -0.01	15.17 -0.31 0.00	14.14 -0.27 0.00	13.85 -0.28 0.00	14.31 -0.28 0.00	15.58 -0.38 0.00	21.36 -0.46 -0.04	23.58 -0.68 0.00	23.45 -0.68 0.00	20.81 -0.53 0.00	20.66 -0.59 0.00	20.25 -0.58 0.00	19.18 -0.55 0.00	19.35 -0.58 0.00	19.46 -0.60 0.00	20.12 -0.64 0.00	20.66 -0.64 0.00	24.26 -0.73 0.00	30.86 -0.92 0.00	33.61 -1.01 0.00	25.91 -0.75 0.00	23.42 -0.58 0.00	20.87 -0.49 0.00	18.55 -0.46 0.00
OSWEGO___6 23613	15.92 -0.34 -0.01	15.17 -0.31 0.00	14.14 -0.27 0.00	13.85 -0.28 0.00	14.31 -0.28 0.00	15.58 -0.38 0.00	21.36 -0.46 -0.04	23.58 -0.68 0.00	23.45 -0.68 0.00	20.81 -0.53 0.00	20.66 -0.59 0.00	20.25 -0.58 0.00	19.18 -0.55 0.00	19.35 -0.58 0.00	19.46 -0.60 0.00	20.12 -0.64 0.00	20.66 -0.64 0.00	24.26 -0.73 0.00	30.86 -0.92 0.00	33.61 -1.01 0.00	25.91 -0.75 0.00	23.42 -0.58 0.00	20.87 -0.49 0.00	18.55 -0.46 0.00
OUTOKUMPU-AB___DRP 24206	15.49 -0.78 -0.03	15.04 -0.45 0.00	14.11 -0.30 0.00	13.75 -0.38 0.00	14.34 -0.25 0.00	15.10 -0.86 -0.01	20.85 -1.02 -0.09	23.34 -1.16 -0.25	23.27 -0.89 -0.03	21.02 -0.32 0.00	20.70 -0.55 0.00	20.32 -0.52 0.00	19.30 -0.43 0.00	19.41 -0.52 0.00	19.46 -0.60 0.00	19.91 -0.85 0.00	20.57 -0.75 -0.02	24.43 -0.75 -0.19	30.63 -1.37 -0.21	33.34 -1.35 -0.07	25.84 -0.85 -0.04	23.38 -0.62 -0.01	20.98 -0.38 0.00	18.12 -0.89 0.00
OXBOW___ 24026	15.30 -0.97 -0.03	14.86 -0.62 0.00	13.97 -0.45 0.00	13.61 -0.52 0.00	14.18 -0.41 0.00	14.93 -1.04 -0.01	20.58 -1.28 -0.09	23.03 -1.48 -0.25	22.95 -1.21 -0.03	20.77 -0.58 0.00	20.45 -0.81 0.00	20.04 -0.79 0.00	19.06 -0.67 0.00	19.11 -0.82 0.00	19.12 -0.94 0.00	19.68 -1.08 0.00	20.32 -1.00 -0.02	24.11 -1.07 -0.19	30.18 -1.81 -0.21	32.85 -1.84 -0.07	25.47 -1.23 -0.04	23.17 -0.84 -0.01	20.72 -0.64 0.00	17.95 -1.06 0.00
OXY_CHEM_DSASP 323612	15.05 -1.22 -0.03	14.63 -0.85 0.00	13.75 -0.66 0.00	13.39 -0.73 0.00	13.96 -0.63 0.00	14.69 -1.28 -0.01	20.21 -1.66 -0.09	22.64 -1.87 -0.25	22.54 -1.62 -0.03	20.36 -0.98 0.00	20.06 -1.19 0.00	19.67 -1.17 0.00	18.73 -1.01 0.00	18.83 -1.10 0.00	18.88 -1.18 0.00	19.33 -1.43 0.00	19.93 -1.38 -0.02	23.65 -1.52 -0.19	29.58 -2.42 -0.21	32.20 -2.49 -0.07	24.99 -1.71 -0.04	22.66 -1.34 -0.01	20.36 -1.00 0.00	17.58 -1.43 0.00
OZONE_PARK_ESR 323760	18.17 1.33 -0.59	16.68 1.19 0.00	15.50 1.08 0.00	15.19 1.06 0.00	15.65 1.06 0.00	17.46 1.31 -0.20	26.53 2.03 -2.73	32.88 2.43 -6.20	28.35 2.39 -1.83	25.25 2.11 -1.80	25.06 2.06 -1.74	23.47 2.00 -0.64	22.82 1.89 -1.20	22.60 1.93 -0.74	23.04 1.95 -1.03	24.44 2.01 -1.66	26.51 2.11 -3.11	31.58 2.42 -4.17	39.41 2.99 -4.64	41.32 3.36 -3.34	30.13 2.53 -0.95	26.49 2.21 -0.29	23.33 1.97 0.00	20.57 1.56 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	15.05 -1.22 -0.03	14.63 -0.85 0.00	13.75 -0.66 0.00	13.39 -0.73 0.00	13.96 -0.63 0.00	14.69 -1.28 -0.01	20.21 -1.66 -0.09	22.64 -1.87 -0.25	22.54 -1.62 -0.03	20.36 -0.98 0.00	20.06 -1.19 0.00	19.67 -1.17 0.00	18.73 -1.01 0.00	18.83 -1.10 0.00	18.88 -1.18 0.00	19.33 -1.43 0.00	19.93 -1.38 -0.02	23.65 -1.52 -0.19	29.58 -2.42 -0.21	32.20 -2.49 -0.07	24.99 -1.71 -0.04	22.66 -1.34 -0.01	20.36 -1.00 0.00	17.58 -1.43 0.00

PACKARD__115KV_DUPONT_184 80571	15.05 -1.22 -0.03	14.63 -0.85 0.00	13.75 -0.66 0.00	13.39 -0.73 0.00	13.96 -0.63 0.00	14.69 -1.28 -0.01	20.21 -1.66 -0.09	22.64 -1.87 -0.25	22.54 -1.62 -0.03	20.36 -0.98 0.00	20.06 -1.19 0.00	19.67 -1.17 0.00	18.73 -1.01 0.00	18.83 -1.10 0.00	18.88 -1.18 0.00	19.33 -1.43 0.00	19.93 -1.38 -0.02	23.65 -1.52 -0.19	29.58 -2.42 -0.21	32.20 -2.49 -0.07	24.99 -1.71 -0.04	22.66 -1.34 -0.01	20.36 -1.00 0.00	17.58 -1.43 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	18.02 1.19 -0.59	16.55 1.07 0.00	15.40 0.98 0.00	15.09 0.96 0.00	15.55 0.96 0.00	17.35 1.20 -0.20	26.32 1.83 -2.71	32.63 2.18 -6.19	28.07 2.12 -1.82	25.03 1.90 -1.79	24.84 1.85 -1.73	23.26 1.79 -0.63	22.64 1.72 -1.19	22.40 1.73 -0.73	22.83 1.75 -1.02	24.22 1.81 -1.65	26.29 1.90 -3.10	31.30 2.15 -4.16	39.07 2.67 -4.62	40.90 2.94 -3.34	29.85 2.27 -0.93	26.23 1.97 -0.27	23.12 1.77 0.02	20.40 1.41 0.02
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	18.20 1.36 -0.59	16.69 1.21 0.00	15.54 1.12 0.00	15.23 1.10 0.00	15.68 1.09 0.00	17.49 1.34 -0.20	26.52 2.03 -2.71	32.75 2.30 -6.19	28.22 2.27 -1.82	25.14 2.01 -1.79	24.92 1.93 -1.73	23.32 1.85 -0.63	22.72 1.80 -1.19	22.47 1.81 -0.73	22.93 1.85 -1.02	24.32 1.91 -1.65	26.34 1.94 -3.10	31.52 2.37 -4.16	39.23 2.83 -4.62	41.04 3.08 -3.34	29.96 2.37 -0.93	26.33 2.06 -0.27	23.31 1.97 0.02	20.57 1.58 0.02
PATROON__115KV_TB1 80586	17.40 0.44 -0.71	15.92 0.43 0.00	14.86 0.45 0.00	14.57 0.44 0.00	15.04 0.45 0.00	16.72 0.53 -0.24	25.28 0.70 -2.81	32.00 0.82 -6.92	26.27 0.84 -1.30	22.77 0.66 -0.77	22.49 0.60 -0.64	21.67 0.56 -0.27	20.79 0.55 -0.51	20.82 0.58 -0.32	21.13 0.62 -0.44	22.16 0.69 -0.71	23.73 0.77 -1.67	30.94 0.90 -5.05	38.54 1.14 -5.62	38.49 1.21 -2.66	28.73 0.93 -1.15	25.06 0.72 -0.35	21.94 0.58 0.00	19.52 0.51 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	15.87 -0.41 -0.03	15.36 -0.12 0.00	14.40 -0.01 0.00	14.04 -0.08 0.00	14.64 0.06 0.00	15.49 -0.48 -0.01	21.44 -0.44 -0.10	23.92 -0.61 -0.27	23.80 -0.36 -0.03	21.47 0.13 0.00	21.13 -0.13 0.00	20.71 -0.13 0.00	19.69 -0.04 0.00	19.81 -0.12 0.00	19.84 -0.22 0.00	20.33 -0.44 0.00	21.02 -0.30 -0.02	25.05 -0.15 -0.21	31.41 -0.60 -0.23	34.18 -0.52 -0.08	26.46 -0.24 -0.05	23.89 -0.12 -0.01	21.38 0.02 0.00	18.61 -0.40 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	18.16 1.32 -0.60	16.71 1.22 0.00	15.53 1.11 0.00	15.23 1.10 0.00	15.68 1.09 0.00	17.42 1.26 -0.20	26.43 1.94 -2.71	32.82 2.33 -6.23	28.13 2.27 -1.73	24.87 1.90 -1.63	24.69 1.87 -1.57	23.23 1.81 -0.58	22.57 1.76 -1.09	22.34 1.73 -0.67	22.75 1.75 -0.94	24.06 1.79 -1.51	25.89 1.73 -2.87	31.31 2.07 -4.24	39.30 2.80 -4.72	41.22 3.39 -3.21	30.07 2.45 -0.96	26.38 2.09 -0.29	23.18 1.82 0.00	20.47 1.46 0.00
PEEKSKILL____ 23653	17.91 1.09 -0.57	16.46 0.98 0.00	15.31 0.89 0.00	15.00 0.88 0.00	15.48 0.89 0.00	17.23 1.09 -0.19	26.12 1.61 -2.73	32.35 1.94 -6.15	27.94 1.91 -1.90	24.93 1.67 -1.93	24.75 1.64 -1.86	23.10 1.58 -0.68	22.53 1.52 -1.28	22.28 1.56 -0.79	22.74 1.57 -1.11	24.16 1.62 -1.78	26.25 1.66 -3.29	31.02 1.95 -4.09	38.81 2.48 -4.55	40.83 2.77 -3.44	29.66 2.08 -0.93	26.05 1.78 -0.28	22.97 1.60 0.00	20.26 1.25 0.00
PGE MADISON__WINDPWR 24146	17.29 0.93 -0.12	16.37 0.88 0.00	15.17 0.75 0.00	14.89 0.76 0.00	15.49 0.90 0.00	17.00 1.01 -0.04	23.94 1.74 -0.41	27.59 2.23 -1.10	26.31 2.05 -0.13	23.18 1.84 0.00	22.85 1.59 0.00	22.17 1.33 0.00	20.90 1.16 0.00	21.04 1.12 0.00	21.09 1.02 0.00	21.84 1.08 0.00	22.73 1.34 -0.09	27.83 2.00 -0.84	35.48 2.76 -0.94	37.91 2.98 -0.32	29.16 2.32 -0.19	26.07 2.02 -0.06	23.09 1.73 0.00	20.19 1.18 0.00
PIERCEFIELD__HYD 23852	15.92 -0.32 0.00	15.13 -0.36 0.00	14.07 -0.35 0.00	13.85 -0.28 0.00	14.27 -0.32 0.00	15.70 -0.26 0.00	21.41 -0.37 0.00	23.77 -0.49 0.00	23.65 -0.48 0.00	20.89 -0.45 0.00	20.91 -0.34 0.00	20.48 -0.35 0.00	19.32 -0.41 0.00	19.47 -0.46 0.00	19.62 -0.44 0.00	20.33 -0.44 0.00	20.79 -0.51 0.00	24.24 -0.75 0.00	30.95 -0.83 0.00	33.72 -0.90 0.00	25.85 -0.80 0.00	23.30 -0.70 0.00	20.87 -0.49 0.00	18.71 -0.30 0.00
PINELAWN_CC_1 323563	18.43 1.46 -0.72	16.76 1.27 -0.01	15.53 1.11 -0.01	15.23 1.10 0.00	15.76 1.17 -0.01	17.76 1.45 -0.35	26.64 2.11 -2.75	32.90 2.33 -6.31	29.08 2.82 -2.13	26.32 2.50 -2.48	26.15 2.32 -2.58	23.96 2.27 -0.85	23.34 2.19 -1.42	23.20 2.25 -1.02	23.86 2.27 -1.53	25.45 2.37 -2.32	27.45 2.47 -3.68	32.14 2.75 -4.40	40.20 3.59 -4.83	41.73 3.74 -3.37	31.14 3.01 -1.48	28.75 2.64 -2.12	23.93 2.35 -0.22	20.88 1.86 -0.01
PJM_GEN_HTP_PROXY 323702	17.88 1.20 -0.43	16.71 1.07 -0.16	15.38 0.97 0.00	15.09 0.96 0.00	15.55 0.96 0.00	17.35 1.20 -0.20	26.36 1.85 -2.73	32.69 2.23 -6.20	28.10 2.15 -1.83	25.06 1.92 -1.80	24.87 1.87 -1.74	23.29 1.81 -0.64	22.66 1.74 -1.20	22.42 1.75 -0.74	22.86 1.77 -1.03	24.25 1.83 -1.66	26.30 1.89 -3.11	31.33 2.17 -4.17	39.09 2.67 -4.64	40.97 3.01 -3.34	29.86 2.26 -0.95	26.25 1.97 -0.29	23.16 1.79 0.00	20.42 1.41 0.00
PJM_GEN_KEystone 24065	16.63 0.23 -0.16	15.93 0.29 -0.16	14.73 0.32 0.00	14.40 0.27 0.00	14.92 0.34 0.00	16.27 0.21 -0.11	23.72 0.41 -1.53	28.24 0.58 -3.40	25.87 0.63 -1.11	23.26 0.75 -1.17	22.99 0.62 -1.12	21.83 0.58 -0.41	21.08 0.57 -0.78	20.95 0.54 -0.48	21.24 0.50 -0.67	22.30 0.46 -1.08	23.82 0.55 -1.97	27.94 0.73 -2.23	34.99 0.73 -2.48	37.51 0.90 -1.99	27.88 0.72 -0.51	24.82 0.67 -0.15	22.00 0.64 0.00	19.30 0.29 0.00
PJM_GEN_NEPTUNE_PROXY 323594	17.97 1.30 -0.42	16.74 1.10 -0.16	15.38 0.97 0.00	15.06 0.93 0.00	15.59 1.01 0.00	17.42 1.28 -0.19	26.38 1.87 -2.73	32.47 2.01 -6.20	28.43 2.49 -1.82	25.32 2.20 -1.78	25.04 2.06 -1.72	23.48 2.02 -0.63	22.85 1.93 -1.18	22.65 1.97 -0.74	23.07 1.97 -1.04	24.48 2.08 -1.64	26.53 2.13 -3.11	31.53 2.38 -4.17	39.48 3.05 -4.65	41.14 3.18 -3.34	30.19 2.58 -0.96	27.96 2.23 -1.74	23.45 2.09 0.01	20.62 1.61 0.00
PJM_GEN_VFT_PROXY 323633	17.81 1.14 -0.43	16.65 1.01 -0.16	15.34 0.92 0.00	15.03 0.91 0.00	15.49 0.90 0.00	17.29 1.13 -0.20	26.31 1.81 -2.73	32.59 2.14 -6.20	28.03 2.08 -1.83	24.97 1.84 -1.80	24.80 1.81 -1.74	23.20 1.73 -0.64	22.59 1.66 -1.20	22.34 1.67 -0.74	22.78 1.69 -1.03	24.17 1.74 -1.66	26.24 1.83 -3.11	31.20 2.05 -4.17	38.92 2.51 -4.63	40.80 2.84 -3.34	29.76 2.16 -0.95	26.16 1.87 -0.29	23.07 1.71 0.00	20.34 1.33 0.00
PLATSBURG_115KV_PMLD1 355749	15.96 -0.29 0.00	15.14 -0.34 0.00	14.10 -0.32 0.00	13.89 -0.24 0.00	14.28 -0.31 0.00	15.72 -0.24 0.00	21.47 -0.30 0.00	24.14 -0.12 0.00	24.13 0.00 0.00	21.36 0.02 0.00	21.42 0.17 0.00	20.96 0.13 0.00	19.75 0.02 0.00	19.97 0.04 0.00	20.18 0.12 0.00	20.89 0.12 0.00	21.51 0.21 0.00	25.24 0.25 0.00	32.07 0.29 0.00	34.86 0.24 0.00	26.68 0.03 0.00	23.87 -0.12 0.00	21.15 -0.21 0.00	18.93 -0.08 0.00

PLEASANTVLY___LBMP 24000	17.83 0.96 -0.62	16.37 0.88 0.00	15.22 0.81 0.00	14.93 0.81 0.00	15.39 0.80 0.00	17.15 0.99 -0.21	25.91 1.42 -2.71	32.33 1.72 -6.35	27.45 1.71 -1.61	24.22 1.47 -1.40	24.04 1.40 -1.39	22.71 1.38 -0.50	22.01 1.34 -0.93	21.88 1.38 -0.58	22.25 1.38 -0.81	23.51 1.45 -1.29	25.36 1.51 -2.55	31.17 1.77 -4.41	38.91 2.22 -4.91	40.12 2.46 -3.05	29.52 1.87 -1.00	25.88 1.58 -0.31	22.77 1.41 0.00	20.11 1.10 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	17.96 1.12 -0.59	16.51 1.02 0.00	15.35 0.94 0.00	15.05 0.92 0.00	15.52 0.93 0.00	17.30 1.15 -0.20	26.20 1.70 -2.72	32.51 2.01 -6.24	27.90 2.00 -1.77	24.78 1.75 -1.69	24.60 1.70 -1.64	23.10 1.67 -0.60	22.45 1.60 -1.12	22.26 1.63 -0.70	22.68 1.65 -0.97	24.02 1.70 -1.56	26.00 1.75 -2.95	31.27 2.05 -4.23	39.10 2.61 -4.71	40.75 2.87 -3.26	29.77 2.16 -0.96	26.16 1.87 -0.29	23.03 1.67 0.00	20.32 1.31 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	17.96 1.12 -0.59	16.51 1.02 0.00	15.35 0.94 0.00	15.05 0.92 0.00	15.52 0.93 0.00	17.30 1.15 -0.20	26.20 1.70 -2.72	32.51 2.01 -6.24	27.90 2.00 -1.77	24.78 1.75 -1.69	24.60 1.70 -1.64	23.10 1.67 -0.60	22.45 1.60 -1.12	22.26 1.63 -0.70	22.68 1.65 -0.97	24.02 1.70 -1.56	26.00 1.75 -2.95	31.27 2.05 -4.23	39.10 2.61 -4.71	40.75 2.87 -3.26	29.77 2.16 -0.96	26.16 1.87 -0.29	23.03 1.67 0.00	20.32 1.31 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	17.88 1.02 -0.61	16.43 0.94 0.00	15.28 0.86 0.00	14.98 0.85 0.00	15.45 0.86 0.00	17.18 1.02 -0.21	25.94 1.46 -2.71	32.30 1.75 -6.30	27.52 1.74 -1.65	24.27 1.45 -1.48	24.03 1.42 -1.35	22.74 1.38 -0.53	22.06 1.34 -0.99	21.91 1.38 -0.61	22.32 1.40 -0.85	23.58 1.45 -1.37	25.49 1.53 -2.66	31.13 1.80 -4.34	38.94 2.32 -4.84	40.28 2.56 -3.10	29.56 1.92 -0.99	25.93 1.63 -0.30	22.82 1.45 0.00	20.15 1.14 0.00
POLETTI____ 23519	18.00 1.17 -0.59	16.54 1.05 0.00	15.38 0.97 0.00	15.08 0.95 0.00	15.53 0.95 0.00	17.33 1.18 -0.20	26.31 1.81 -2.73	32.62 2.16 -6.20	28.08 2.12 -1.83	25.04 1.90 -1.80	24.84 1.85 -1.74	23.27 1.79 -0.64	22.62 1.70 -1.20	22.40 1.73 -0.74	22.84 1.75 -1.03	24.23 1.81 -1.66	26.28 1.87 -3.11	31.28 2.12 -4.17	39.02 2.61 -4.64	40.90 2.94 -3.34	29.81 2.21 -0.95	26.23 1.94 -0.29	23.12 1.75 0.00	20.40 1.39 0.00
POMONA___ESR 323819	17.89 1.09 -0.55	16.46 0.98 0.00	15.30 0.88 0.00	15.00 0.88 0.00	15.46 0.88 0.00	17.21 1.07 -0.19	26.15 1.59 -2.78	32.24 1.89 -6.08	28.11 1.86 -2.12	25.27 1.62 -2.31	25.05 1.59 -2.20	23.20 1.54 -0.82	22.77 1.50 -1.54	22.41 1.53 -0.95	22.94 1.55 -1.33	24.47 1.58 -2.13	26.80 1.66 -3.84	30.85 1.95 -3.91	38.59 2.45 -4.36	41.10 2.73 -3.75	29.59 2.05 -0.89	26.02 1.75 -0.27	22.94 1.58 0.00	20.24 1.23 0.00
PORT_JEFF_3 23555	20.81 1.59 -2.97	17.02 1.41 -0.13	15.78 1.24 -0.13	15.40 1.23 -0.04	16.01 1.30 -0.13	20.50 1.56 -2.98	27.10 2.24 -3.08	35.66 2.52 -8.87	34.40 3.04 -7.23	37.99 2.71 -13.94	40.37 2.49 -16.63	27.87 2.46 -4.57	27.41 2.39 -5.29	27.95 2.43 -5.59	32.22 2.47 -9.68	36.78 2.55 -13.46	37.05 2.64 -13.12	37.56 2.77 -9.80	44.33 3.56 -9.00	42.39 3.74 -4.03	43.15 3.01 -13.49	35.11 2.71 -8.41	27.87 2.48 -4.03	21.13 2.00 -0.13
PORT_JEFF_4 23616	20.81 1.59 -2.97	17.02 1.41 -0.13	15.78 1.24 -0.13	15.40 1.23 -0.04	16.01 1.30 -0.13	20.50 1.56 -2.98	27.10 2.24 -3.08	35.66 2.52 -8.87	34.40 3.04 -7.23	37.99 2.71 -13.94	40.37 2.49 -16.63	27.87 2.46 -4.57	27.41 2.39 -5.29	27.95 2.43 -5.59	32.22 2.47 -9.68	36.78 2.55 -13.46	37.05 2.64 -13.12	37.56 2.77 -9.80	44.33 3.56 -9.00	42.39 3.74 -4.03	43.15 3.01 -13.49	35.11 2.71 -8.41	27.87 2.48 -4.03	21.13 2.00 -0.13
PORT_JEFF_IC 23713	20.97 1.62 -3.10	17.06 1.44 -0.13	15.80 1.25 -0.13	15.42 1.24 -0.04	16.03 1.31 -0.13	20.69 1.60 -3.14	27.16 2.29 -3.10	35.85 2.57 -9.02	34.77 3.11 -7.53	38.73 2.77 -14.61	41.27 2.55 -17.46	28.13 2.50 -4.79	27.70 2.45 -5.52	28.28 2.49 -5.86	32.76 2.53 -10.17	37.50 2.62 -14.12	37.68 2.71 -13.67	37.99 2.90 -10.10	44.63 3.62 -9.23	42.60 3.91 -4.07	43.95 3.14 -14.16	35.58 2.81 -8.78	28.16 2.54 -4.25	21.18 2.04 -0.13
PPL PILGRIM_ST_GT1 24216	18.49 1.40 -0.85	16.75 1.25 -0.01	15.50 1.07 -0.01	15.29 1.16 0.00	15.74 1.14 -0.01	17.85 1.39 -0.50	26.57 2.03 -2.77	32.95 2.23 -6.46	29.30 2.75 -2.42	26.94 2.45 -3.15	26.89 2.23 -3.40	24.07 2.17 -1.07	23.51 2.13 -1.64	23.41 2.19 -1.29	24.32 2.25 -2.01	26.04 2.30 -2.97	27.98 2.45 -4.23	32.38 2.68 -4.72	40.41 3.56 -5.07	41.66 3.63 -3.41	31.79 2.96 -2.18	29.07 2.59 -2.49	24.11 2.31 -0.44	20.89 1.86 -0.01
PPL PILGRIM_ST_GT2 24217	18.49 1.40 -0.85	16.75 1.25 -0.01	15.50 1.07 -0.01	15.29 1.16 0.00	15.74 1.14 -0.01	17.85 1.39 -0.50	26.57 2.03 -2.77	32.95 2.23 -6.46	29.30 2.75 -2.42	26.94 2.45 -3.15	26.89 2.23 -3.40	24.07 2.17 -1.07	23.51 2.13 -1.64	23.41 2.19 -1.29	24.32 2.25 -2.01	26.04 2.30 -2.97	27.98 2.45 -4.23	32.38 2.68 -4.72	40.41 3.56 -5.07	41.66 3.63 -3.41	31.79 2.96 -2.18	29.07 2.59 -2.49	24.11 2.31 -0.44	20.89 1.86 -0.01
PPL_SHRM_GT3 24213	20.89 1.69 -2.95	17.13 1.52 -0.12	15.88 1.34 -0.12	15.50 1.33 -0.04	16.11 1.40 -0.12	20.60 1.67 -2.97	27.25 2.40 -3.08	35.83 2.72 -8.86	34.60 3.28 -7.19	38.12 2.92 -13.86	40.49 2.70 -16.54	28.03 2.65 -4.55	27.56 2.56 -5.26	28.08 2.59 -5.56	32.34 2.65 -9.63	36.91 2.76 -13.39	37.27 2.92 -13.05	37.95 3.20 -9.76	44.85 4.10 -8.96	42.97 4.33 -4.03	43.51 3.46 -13.40	35.43 3.07 -8.36	28.03 2.67 -4.00	21.28 2.15 -0.12
PPL_SHRM_GT4 24214	20.89 1.69 -2.95	17.13 1.52 -0.12	15.88 1.34 -0.12	15.50 1.33 -0.04	16.11 1.40 -0.12	20.60 1.67 -2.97	27.25 2.40 -3.08	35.83 2.72 -8.86	34.60 3.28 -7.19	38.12 2.92 -13.86	40.49 2.70 -16.54	28.03 2.65 -4.55	27.56 2.56 -5.26	28.08 2.59 -5.56	32.34 2.65 -9.63	36.91 2.76 -13.39	37.27 2.92 -13.05	37.95 3.20 -9.76	44.85 4.10 -8.96	42.97 4.33 -4.03	43.51 3.46 -13.40	35.43 3.07 -8.36	28.03 2.67 -4.00	21.28 2.15 -0.12
PROJECT___ORANGE 1 24174	16.13 -0.13 -0.01	15.38 -0.11 0.00	14.33 -0.09 0.00	14.02 -0.11 0.00	14.50 -0.09 0.00	15.78 -0.18 0.00	21.72 -0.11 -0.05	24.41 0.00 -0.15	24.15 0.00 -0.02	21.45 0.11 0.00	21.25 0.00 0.00	20.79 -0.04 0.00	19.67 -0.06 0.00	19.85 -0.08 0.00	19.94 -0.12 0.00	20.58 -0.19 0.00	21.18 -0.13 -0.01	25.03 -0.07 -0.12	31.82 -0.10 -0.13	34.56 -0.10 -0.04	26.60 -0.08 -0.03	24.00 0.00 -0.01	21.38 0.02 0.00	18.91 -0.10 0.00
PROJECT___ORANGE 2 24166	16.13 -0.13 -0.01	15.38 -0.11 0.00	14.33 -0.09 0.00	14.02 -0.11 0.00	14.50 -0.09 0.00	15.78 -0.18 0.00	21.72 -0.11 -0.05	24.41 0.00 -0.15	24.15 0.00 -0.02	21.45 0.11 0.00	21.25 0.00 0.00	20.79 -0.04 0.00	19.67 -0.06 0.00	19.85 -0.08 0.00	19.94 -0.12 0.00	20.58 -0.19 0.00	21.18 -0.13 -0.01	25.03 -0.07 -0.12	31.82 -0.10 -0.13	34.56 -0.10 -0.04	26.60 -0.08 -0.03	24.00 0.00 -0.01	21.38 0.02 0.00	18.91 -0.10 0.00

PUCKETT___SOLAR 323809	16.53	15.75	14.66	14.34	14.89	16.19	22.59	25.79	24.90	22.05	21.76	21.21	20.07	20.19	20.26	20.97	21.73	26.27	33.31	35.79	27.54	24.73	21.98	19.30
	0.20	0.26	0.24	0.21	0.31	0.21	0.50	0.70	0.67	0.70	0.51	0.38	0.34	0.26	0.20	0.21	0.36	0.65	0.82	0.94	0.75	0.70	0.62	0.29
	-0.09	0.00	0.00	0.00	0.00	-0.03	-0.31	-0.83	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-0.64	-0.71	-0.24	-0.14	-0.04	0.00	0.00
PYRITES___HYD 24023	16.10	15.28	14.20	13.99	14.41	15.89	21.67	24.48	24.27	21.41	21.36	20.92	19.71	19.89	20.02	20.72	21.23	24.91	31.34	34.10	26.17	23.59	21.09	18.86
	-0.15	-0.20	-0.22	-0.14	-0.18	-0.06	-0.11	0.22	0.14	0.06	0.11	0.08	-0.02	-0.04	-0.04	-0.04	-0.06	-0.07	-0.44	-0.52	-0.48	-0.41	-0.28	-0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
QUAKERRD_115KV_BK1 80622	15.52	14.85	13.85	13.54	14.05	15.16	20.87	23.50	23.31	20.79	20.60	20.15	19.08	19.19	19.26	19.87	20.52	24.33	30.89	33.53	25.81	23.31	20.77	18.19
	-0.75	-0.63	-0.56	-0.59	-0.54	-0.80	-0.98	-0.95	-0.84	-0.55	-0.66	-0.69	-0.65	-0.74	-0.80	-0.89	-0.79	-0.80	-1.05	-1.14	-0.88	-0.70	-0.60	-0.82
	-0.02	0.00	0.00	0.00	0.00	-0.01	-0.07	-0.19	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.14	-0.16	-0.05	-0.03	-0.01	0.00	0.00
QUENSBRY_115KV_TB8 356137	18.22	16.68	15.51	15.20	15.71	17.43	26.47	33.48	27.57	23.97	23.59	22.78	21.62	21.67	21.95	23.02	24.52	31.97	40.10	40.12	30.14	26.27	22.90	20.53
	1.25	1.19	1.10	1.07	1.12	1.23	1.85	2.21	2.15	1.90	1.72	1.69	1.40	1.43	1.46	1.58	1.60	1.85	2.61	2.84	2.32	1.92	1.54	1.52
	-0.72	0.00	0.00	0.00	0.00	-0.24	-2.84	-7.02	-1.29	-0.73	-0.62	-0.26	-0.49	-0.30	-0.42	-0.68	-1.63	-5.13	-5.72	-2.66	-1.17	-0.36	0.00	0.00
RAMAPO___LBMP 323565	17.82	16.41	15.27	14.96	15.43	17.16	26.05	32.10	28.01	25.16	24.92	23.13	22.66	22.33	22.84	24.35	26.63	30.75	38.46	40.89	29.51	25.94	22.86	20.19
	1.02	0.93	0.85	0.83	0.85	1.02	1.52	1.82	1.81	1.58	1.53	1.50	1.44	1.47	1.48	1.52	1.60	1.87	2.35	2.60	1.97	1.68	1.50	1.18
	-0.55	0.00	0.00	0.00	0.00	-0.18	-2.75	-6.02	-2.07	-2.24	-2.14	-0.79	-1.49	-0.92	-1.29	-2.07	-3.74	-3.89	-4.33	-3.67	-0.88	-0.27	0.00	0.00
RANKINE____ 23646	15.69	15.19	14.26	13.90	14.50	15.29	21.16	23.67	23.58	21.28	20.94	20.52	19.52	19.63	19.66	20.14	20.83	24.77	31.02	33.79	26.19	23.67	21.21	18.36
	-0.58	-0.29	-0.16	-0.23	-0.09	-0.67	-0.72	-0.85	-0.58	-0.06	-0.32	-0.31	-0.22	-0.30	-0.40	-0.62	-0.49	-0.42	-0.99	-0.90	-0.51	-0.34	-0.15	-0.65
	-0.03	0.00	0.00	0.00	0.00	-0.01	-0.10	-0.27	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.20	-0.23	-0.08	-0.05	-0.01	0.00	0.00
RAVENSWOOD_GT2_1 24244	18.02	16.55	15.40	15.09	15.55	17.35	26.34	32.64	28.11	25.06	24.84	23.29	22.64	22.42	22.86	24.25	26.30	31.33	39.09	40.94	29.87	26.27	23.14	20.42
	1.19	1.07	0.98	0.96	0.96	1.20	1.83	2.18	2.15	1.92	1.85	1.81	1.72	1.75	1.77	1.83	1.90	2.17	2.67	2.98	2.27	1.99	1.77	1.41
	-0.59	0.00	0.00	0.00	0.00	-0.20	-2.73	-6.20	-1.83	-1.80	-1.74	-0.64	-1.20	-0.74	-1.03	-1.66	-3.11	-4.17	-4.64	-3.34	-0.95	-0.29	0.00	0.00
RAVENSWOOD_GT2_2 24245	18.02	16.55	15.40	15.09	15.55	17.35	26.34	32.64	28.11	25.06	24.84	23.29	22.64	22.42	22.86	24.25	26.30	31.33	39.09	40.94	29.87	26.27	23.14	20.42
	1.19	1.07	0.98	0.96	0.96	1.20	1.83	2.18	2.15	1.92	1.85	1.81	1.72	1.75	1.77	1.83	1.90	2.17	2.67	2.98	2.27	1.99	1.77	1.41
	-0.59	0.00	0.00	0.00	0.00	-0.20	-2.73	-6.20	-1.83	-1.80	-1.74	-0.64	-1.20	-0.74	-1.03	-1.66	-3.11	-4.17	-4.64	-3.34	-0.95	-0.29	0.00	0.00
RAVENSWOOD_GT2_3 24246	18.02	16.55	15.40	15.09	15.55	17.35	26.34	32.64	28.11	25.06	24.84	23.27	22.64	22.42	22.86	24.25	26.30	31.33	39.09	40.94	29.87	26.27	23.14	20.42
	1.19	1.07	0.98	0.96	0.96	1.20	1.83	2.18	2.15	1.92	1.85	1.79	1.72	1.75	1.77	1.83	1.90	2.17	2.67	2.98	2.27	1.99	1.77	1.41
	-0.59	0.00	0.00	0.00	0.00	-0.20	-2.73	-6.20	-1.83	-1.80	-1.74	-0.64	-1.20	-0.74	-1.03	-1.66	-3.11	-4.17	-4.64	-3.34	-0.95	-0.29	0.00	0.00
RAVENSWOOD_GT2_4 24247	18.02	16.55	15.40	15.09	15.55	17.35	26.34	32.64	28.11	25.06	24.84	23.27	22.64	22.42	22.86	24.25	26.30	31.33	39.09	40.94	29.87	26.27	23.14	20.42
	1.19	1.07	0.98	0.96	0.96	1.20	1.83	2.18	2.15	1.92	1.85	1.79	1.72	1.75	1.77	1.83	1.90	2.17	2.67	2.98	2.27	1.99	1.77	1.41
	-0.59	0.00	0.00	0.00	0.00	-0.20	-2.73	-6.20	-1.83	-1.80	-1.74	-0.64	-1.20	-0.74	-1.03	-1.66	-3.11	-4.17	-4.64	-3.34	-0.95	-0.29	0.00	0.00
RAVENSWOOD_GT3_1 24248	18.04	16.55	15.40	15.10	15.55	17.35	26.34	32.64	28.11	25.06	24.84	23.29	22.64	22.42	22.86	24.25	26.30	31.33	39.09	40.94	29.87	26.27	23.14	20.42
	1.20	1.07	0.98	0.97	0.96	1.20	1.83	2.18	2.15	1.92	1.85	1.81	1.72	1.75	1.77	1.83	1.90	2.17	2.67	2.98	2.27	1.99	1.77	1.41
	-0.59	0.00	0.00	0.00	0.00	-0.20	-2.73	-6.20	-1.83	-1.80	-1.74	-0.64	-1.20	-0.74	-1.03	-1.66	-3.11	-4.17	-4.64	-3.34	-0.95	-0.29	0.00	0.00
RAVENSWOOD_GT3_2 24249	18.04	16.55	15.40	15.10	15.55	17.35	26.34	32.64	28.11	25.06	24.84	23.29	22.64	22.42	22.86	24.25	26.30	31.33	39.09	40.94	29.87	26.27	23.14	20.42
	1.20	1.07	0.98	0.97	0.96	1.20	1.83	2.18	2.15	1.92	1.85	1.81	1.72	1.75	1.77	1.83	1.90	2.17	2.67	2.98	2.27	1.99	1.77	1.41
	-0.59	0.00	0.00	0.00	0.00	-0.20	-2.73	-6.20	-1.83	-1.80	-1.74	-0.64	-1.20	-0.74	-1.03	-1.66	-3.11	-4.17	-4.64	-3.34	-0.95	-0.29	0.00	0.00
RAVENSWOOD_GT3_3 24250	18.05	16.57	15.41	15.10	15.56	17.37	26.36	32.69	28.13	25.08	24.89	23.31	22.68	22.44	22.88	24.27	26.32	31.35	39.15	41.01	29.92	26.30	23.16	20.44
	1.22	1.08	0.99	0.97	0.98	1.21	1.85	2.23	2.17	1.94	1.89	1.83	1.76	1.77	1.79	1.85	1.92	2.20	2.73	3.05	2.32	2.02	1.79	1.43
	-0.59	0.00	0.00	0.00	0.00	-0.20	-2.73	-6.20	-1.83	-1.80	-1.74	-0.64	-1.20	-0.74	-1.03	-1.66	-3.11	-4.17	-4.64	-3.34	-0.95	-0.29	0.00	0.00
RAVENSWOOD_GT3_4 24251	18.05	16.57	15.41	15.10	15.56	17.37	26.36	32.69	28.13	25.08	24.89	23.31	22.68	22.44	22.88	24.27	26.32	31.35	39.15	41.01	29.92	26.30	23.16	20.44
	1.22	1.08	0.99	0.97	0.98	1.21	1.85	2.23	2.17	1.94	1.89	1.83	1.76	1.77	1.79	1.85	1.92	2.20	2.73	3.05	2.32	2.02	1.79	1.43
	-0.59	0.00	0.00	0.00	0.00	-0.20	-2.73	-6.20	-1.83	-1.80	-1.74	-0.64	-1.20	-0.74	-1.03	-1.66	-3.11	-4.17	-4.64	-3.34	-0.95	-0.29	0.00	0.00
RAVENSWOOD_GT_1 23729	18.11	16.62	15.46	15.15	15.61	17.42	26.43	33.87	96.82	28.07	30.32	34.35	33.78	32.61	29.69	27.01	26.57	67.88	39.22	41.04	29.98	26.38	23.25	20.50
	1.27	1.13	1.04	1.02	1.02	1.26	1.92	2.31	2.24	1.99	1.93	1.88	1.80	1.83	1.84	1.89	1.98	2.27	2.80	3.08	2.37	2.09	1.88	1.48
	-0.59	-0.01	-0.01	-0.01	-0.01	-0.21	-2.74	-7.30	-70.44	-4.74	-7.13	-11.64	-12.26	-10.85	-7.78	-4.36	-3.29	-40.62	-4.65	-3.34	-0.96	-0.30	-0.01	-0.01



RAVENSWOOD_GT_10 24258	18.04 1.20 -0.59	16.57 1.08 0.00	15.40 0.98 0.00	15.10 0.97 0.00	15.56 0.98 0.00	17.35 1.20 -0.20	26.36 1.85 -2.73	32.64 2.18 -6.20	28.11 2.15 -1.83	25.06 1.92 -1.80	24.84 1.85 -1.74	23.29 1.81 -0.64	22.64 1.72 -1.20	22.42 1.75 -0.74	22.86 1.77 -1.03	24.25 1.83 -1.66	26.30 1.90 -3.11	31.33 2.17 -4.17	39.09 2.67 -4.64	40.94 2.98 -3.34	29.87 2.27 -0.95	26.27 1.99 -0.29	23.14 1.77 0.00	20.42 1.41 0.00
RAVENSWOOD_GT_11 24259	18.04 1.20 -0.59	16.57 1.08 0.00	15.40 0.98 0.00	15.09 0.96 0.00	15.56 0.98 0.00	17.35 1.20 -0.20	26.36 1.85 -2.73	32.66 2.21 -6.20	28.10 2.15 -1.83	25.04 1.90 -1.80	24.84 1.85 -1.74	23.29 1.81 -0.64	22.64 1.72 -1.20	22.42 1.75 -0.74	22.86 1.77 -1.03	24.23 1.81 -1.66	26.30 1.89 -3.11	31.33 2.17 -4.17	39.09 2.67 -4.64	40.94 2.98 -3.34	29.86 2.26 -0.95	26.27 1.99 -0.29	23.16 1.79 0.00	20.42 1.41 0.00
RAVENSWOOD_GT_4 24252	18.02 1.19 -0.59	16.55 1.07 0.00	15.40 0.98 0.00	15.09 0.96 0.00	15.55 0.96 0.00	17.35 1.20 -0.20	26.34 1.83 -2.73	32.64 2.18 -6.20	28.11 2.15 -1.83	25.04 1.90 -1.80	24.84 1.85 -1.74	23.27 1.79 -0.64	22.64 1.72 -1.20	22.42 1.75 -0.74	22.86 1.77 -1.03	24.23 1.81 -1.66	26.30 1.90 -3.11	31.30 2.15 -4.17	39.09 2.67 -4.64	40.94 2.98 -3.34	29.87 2.27 -0.95	26.25 1.97 -0.29	23.14 1.77 0.00	20.42 1.41 0.00
RAVENSWOOD_GT_5 24254	18.02 1.19 -0.59	16.55 1.07 0.00	15.40 0.98 0.00	15.09 0.96 0.00	15.55 0.96 0.00	17.35 1.20 -0.20	26.34 1.83 -2.73	32.64 2.18 -6.20	28.11 2.15 -1.83	25.04 1.90 -1.80	24.84 1.85 -1.74	23.27 1.79 -0.64	22.64 1.72 -1.20	22.42 1.75 -0.74	22.86 1.77 -1.03	24.23 1.81 -1.66	26.30 1.90 -3.11	31.30 2.15 -4.17	39.09 2.67 -4.64	40.94 2.98 -3.34	29.87 2.27 -0.95	26.25 1.97 -0.29	23.14 1.77 0.00	20.42 1.41 0.00
RAVENSWOOD_GT_6 24253	18.02 1.19 -0.59	16.55 1.07 0.00	15.40 0.98 0.00	15.09 0.96 0.00	15.55 0.96 0.00	17.35 1.20 -0.20	26.34 1.83 -2.73	32.64 2.18 -6.20	28.11 2.15 -1.83	25.04 1.90 -1.80	24.84 1.85 -1.74	23.27 1.79 -0.64	22.64 1.72 -1.20	22.42 1.75 -0.74	22.86 1.77 -1.03	24.23 1.81 -1.66	26.30 1.90 -3.11	31.30 2.15 -4.17	39.09 2.67 -4.64	40.94 2.98 -3.34	29.87 2.27 -0.95	26.25 1.97 -0.29	23.14 1.77 0.00	20.42 1.41 0.00
RAVENSWOOD_GT_7 24255	18.02 1.19 -0.59	16.55 1.07 0.00	15.40 0.98 0.00	15.09 0.96 0.00	15.55 0.96 0.00	17.35 1.20 -0.20	26.34 1.83 -2.73	32.64 2.18 -6.20	28.11 2.15 -1.83	25.04 1.90 -1.80	24.84 1.85 -1.74	23.27 1.79 -0.64	22.64 1.72 -1.20	22.42 1.75 -0.74	22.86 1.77 -1.03	24.23 1.81 -1.66	26.30 1.90 -3.11	31.30 2.15 -4.17	39.09 2.67 -4.64	40.94 2.98 -3.34	29.87 2.27 -0.95	26.25 1.97 -0.29	23.14 1.77 0.00	20.42 1.41 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	18.04 1.20 -0.59	16.57 1.08 0.00	15.40 0.98 0.00	15.10 0.97 0.00	15.56 0.98 0.00	17.35 1.20 -0.20	26.36 1.85 -2.73	32.64 2.18 -6.20	28.11 2.15 -1.83	25.06 1.92 -1.80	24.84 1.85 -1.74	23.29 1.81 -0.64	22.64 1.72 -1.20	22.42 1.75 -0.74	22.86 1.77 -1.03	24.25 1.83 -1.66	26.30 1.90 -3.11	31.33 2.17 -4.17	39.09 2.67 -4.64	40.94 2.98 -3.34	29.87 2.27 -0.95	26.27 1.99 -0.29	23.14 1.77 0.00	20.42 1.41 0.00
RAVENSWOOD_GT_9 24257	18.04 1.20 -0.59	16.57 1.08 0.00	15.40 0.98 0.00	15.10 0.97 0.00	15.56 0.98 0.00	17.35 1.20 -0.20	26.36 1.85 -2.73	32.64 2.18 -6.20	28.11 2.15 -1.83	25.06 1.92 -1.80	24.84 1.85 -1.74	23.29 1.81 -0.64	22.64 1.72 -1.20	22.42 1.75 -0.74	22.86 1.77 -1.03	24.25 1.83 -1.66	26.30 1.90 -3.11	31.33 2.17 -4.17	39.09 2.67 -4.64	40.94 2.98 -3.34	29.87 2.27 -0.95	26.27 1.99 -0.29	23.14 1.77 0.00	20.42 1.41 0.00
RAVENSWOOD___1 23533	18.11 1.27 -0.59	16.62 1.13 -0.01	15.46 1.04 -0.01	15.15 1.02 -0.01	15.61 1.02 -0.01	17.42 1.26 -0.21	26.43 1.92 -2.74	33.87 2.31 -7.30	96.82 2.24 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.01 1.89 -4.36	26.57 1.98 -3.29	67.88 2.27 -40.62	39.22 2.80 -4.65	41.04 3.08 -3.34	29.98 2.37 -0.96	26.38 2.09 -0.30	23.25 1.88 -0.01	20.50 1.48 -0.01
RAVENSWOOD___2 23534	18.11 1.27 -0.59	16.62 1.13 -0.01	15.46 1.04 -0.01	15.15 1.02 -0.01	15.61 1.02 -0.01	17.42 1.26 -0.21	26.43 1.92 -2.74	33.87 2.31 -7.30	96.82 2.24 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.01 1.89 -4.36	26.57 1.98 -3.29	67.88 2.27 -40.62	39.22 2.80 -4.65	41.04 3.08 -3.34	29.98 2.37 -0.96	26.38 2.09 -0.30	23.25 1.88 -0.01	20.50 1.48 -0.01
RAVENSWOOD___3 23535	18.04 1.20 -0.59	16.55 1.07 0.00	15.40 0.98 0.00	15.09 0.96 0.00	15.55 0.96 0.00	17.35 1.20 -0.20	26.34 1.83 -2.73	32.66 2.21 -6.20	28.10 2.15 -1.83	25.04 1.90 -1.80	24.84 1.85 -1.74	23.27 1.79 -0.64	22.64 1.72 -1.20	22.42 1.75 -0.74	22.86 1.77 -1.03	24.23 1.81 -1.66	26.30 1.89 -3.11	31.33 2.17 -4.17	39.09 2.67 -4.64	40.94 2.98 -3.34	29.86 2.26 -0.95	26.27 1.99 -0.29	23.16 1.79 0.00	20.42 1.41 0.00
RAVENSWOOD___4 23820	18.11 1.27 -0.59	16.62 1.13 -0.01	15.46 1.04 -0.01	15.15 1.02 -0.01	15.61 1.02 -0.01	17.42 1.26 -0.21	26.43 1.92 -2.74	33.87 2.31 -7.30	96.82 2.24 -70.44	28.07 1.99 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.84 -7.78	27.01 1.89 -4.36	26.57 1.98 -3.29	67.88 2.27 -40.62	39.22 2.80 -4.65	41.04 3.08 -3.34	29.98 2.37 -0.96	26.38 2.09 -0.30	23.25 1.88 -0.01	20.50 1.48 -0.01
RCPL_TRUST___DRP 24196	18.04 1.20 -0.59	16.57 1.08 0.00	15.41 0.99 0.00	15.10 0.97 0.00	15.56 0.98 0.00	17.37 1.21 -0.20	26.40 1.89 -2.73	32.74 2.28 -6.20	28.15 2.20 -1.83	25.12 1.98 -1.80	24.91 1.91 -1.74	23.33 1.85 -0.64	22.70 1.78 -1.20	22.46 1.79 -0.74	22.90 1.81 -1.03	24.29 1.87 -1.66	26.34 1.94 -3.11	31.38 2.22 -4.17	39.15 2.73 -4.64	41.01 3.05 -3.34	29.92 2.32 -0.95	26.30 2.02 -0.29	23.16 1.79 0.00	20.44 1.43 0.00
RED___ROCHESTER 323720	15.89 -0.37 -0.02	15.24 -0.25 0.00	14.23 -0.19 0.00	13.90 -0.23 0.00	14.44 -0.15 0.00	15.53 -0.43 -0.01	21.39 -0.46 -0.07	24.16 -0.29 -0.19	24.01 -0.14 -0.02	21.47 0.13 0.00	21.25 0.00 0.00	20.80 -0.04 0.00	19.67 -0.06 0.00	19.77 -0.16 0.00	19.80 -0.26 0.00	20.47 -0.29 0.00	21.12 -0.19 -0.02	25.06 -0.07 -0.15	31.78 -0.16 -0.16	34.53 -0.14 -0.06	26.58 -0.11 -0.03	24.05 0.05 -0.01	21.34 -0.02 0.00	18.63 -0.38 0.00
REGAN___SOLAR 323812	18.16 1.19 -0.72	16.60 1.12 0.00	15.41 0.99 0.00	15.15 1.02 0.00	15.68 1.09 0.00	17.38 1.18 -0.24	26.60 1.98 -2.85	33.29 1.99 -7.04	27.22 1.81 -1.28	23.53 1.47 -0.72	23.01 1.15 -0.61	22.13 1.04 -0.25	21.16 0.95 -0.48	21.22 1.00 -0.30	21.54 1.06 -0.41	22.69 1.27 -0.66	24.31 1.41 -1.61	31.79 1.65 -5.16	39.68 2.16 -5.74	39.63 2.36 -2.66	29.56 1.73 -1.17	25.77 1.42 -0.36	22.62 1.26 0.00	20.38 1.37 0.00

RENSSELAER___COGEN 23796	17.33 0.37 -0.70	15.86 0.37 0.00	14.81 0.39 0.00	14.51 0.38 0.00	14.98 0.39 0.00	16.66 0.46 -0.24	25.16 0.59 -2.80	31.87 0.73 -6.88	26.15 0.72 -1.30	22.65 0.53 -0.78	22.40 0.49 -0.65	21.57 0.46 -0.28	20.70 0.45 -0.52	20.75 0.50 -0.32	21.05 0.54 -0.45	22.08 0.60 -0.72	23.64 0.66 -1.68	30.78 0.78 -5.02	38.35 0.99 -5.58	38.35 1.07 -2.66	28.62 0.83 -1.14	24.99 0.65 -0.35	21.88 0.51 0.00	19.43 0.42 0.00
REPUBLIC_115KV_BARTNBRK 55605	18.90 1.93 -0.72	17.33 1.84 0.00	16.10 1.69 0.00	15.77 1.64 0.00	16.32 1.74 0.00	18.07 1.87 -0.24	27.47 2.85 -2.84	34.55 3.27 -7.02	28.60 3.18 -1.29	24.96 2.88 -0.73	24.44 2.57 -0.62	23.64 2.54 -0.26	22.31 2.09 -0.49	22.36 2.13 -0.30	22.63 2.15 -0.42	23.74 2.30 -0.68	25.31 2.39 -1.63	32.87 2.75 -5.13	41.24 3.75 -5.71	41.33 4.05 -2.66	31.15 3.33 -1.17	27.13 2.78 -0.36	23.65 2.29 0.00	21.39 2.38 0.00
REVERE_CPPR_DRP 24186	16.65 0.41 0.00	15.87 0.39 0.00	14.73 0.32 0.00	14.47 0.34 0.00	14.98 0.39 0.00	16.42 0.46 0.00	22.58 0.81 0.00	25.16 0.90 0.00	24.95 0.82 0.00	22.03 0.68 0.00	21.83 0.57 0.00	21.30 0.46 0.00	20.11 0.37 0.00	20.29 0.36 0.00	20.41 0.34 0.00	21.10 0.33 0.00	21.72 0.43 0.00	25.66 0.67 0.00	32.77 0.99 0.00	35.72 1.11 0.00	27.45 0.80 0.00	24.71 0.72 0.00	22.05 0.68 0.00	19.52 0.51 0.00
REYNOLDS_115KV_TB3 80639	17.44 0.49 -0.71	15.98 0.50 0.00	14.91 0.49 0.00	14.61 0.48 0.00	15.07 0.48 0.00	16.77 0.57 -0.24	25.32 0.74 -2.80	32.05 0.90 -6.89	26.35 0.92 -1.31	22.83 0.70 -0.78	22.54 0.64 -0.65	21.72 0.60 -0.28	20.85 0.59 -0.52	20.89 0.64 -0.32	21.20 0.68 -0.45	22.24 0.75 -0.73	23.82 0.83 -1.69	30.98 0.97 -5.02	38.61 1.24 -5.59	38.61 1.32 -2.67	28.83 1.04 -1.14	25.18 0.84 -0.35	22.03 0.66 0.00	19.56 0.55 0.00
RIVERBAY____ 323610	18.20 1.36 -0.59	16.69 1.21 0.00	15.54 1.12 0.00	15.23 1.10 0.00	15.68 1.09 0.00	17.49 1.34 -0.20	26.52 2.03 -2.71	32.75 2.30 -6.19	28.22 2.27 -1.82	25.14 2.01 -1.79	24.92 1.93 -1.73	23.32 1.85 -0.63	22.72 1.80 -1.19	22.47 1.81 -0.73	22.93 1.85 -1.02	24.32 1.91 -1.65	26.34 1.94 -3.10	31.52 2.37 -4.16	39.23 2.83 -4.62	41.04 3.08 -3.34	29.96 2.37 -0.93	26.33 2.06 -0.27	23.31 1.97 0.02	20.57 1.58 0.02
RIVERSDE_115KV_TB3 55908	17.39 0.44 -0.71	15.92 0.43 0.00	14.86 0.45 0.00	14.57 0.44 0.00	15.04 0.45 0.00	16.72 0.53 -0.24	25.26 0.68 -2.80	31.98 0.82 -6.90	26.28 0.84 -1.30	22.76 0.64 -0.78	22.47 0.57 -0.65	21.65 0.54 -0.28	20.78 0.53 -0.52	20.83 0.58 -0.32	21.13 0.62 -0.45	22.17 0.69 -0.72	23.75 0.77 -1.68	30.92 0.90 -5.03	38.52 1.14 -5.60	38.50 1.21 -2.67	28.73 0.93 -1.14	25.09 0.74 -0.35	21.96 0.60 0.00	19.50 0.49 0.00
ROARING___BROOK_WT_PWR 323790	15.63 -0.62 0.00	14.90 -0.59 0.00	13.87 -0.55 0.00	13.61 -0.52 0.00	14.08 -0.51 0.00	15.44 -0.51 0.00	21.15 -0.63 0.00	23.60 -0.65 0.00	23.55 -0.58 0.00	20.81 -0.53 0.00	20.64 -0.62 0.00	20.19 -0.65 0.00	19.12 -0.61 0.00	19.35 -0.58 0.00	19.54 -0.52 0.00	20.33 -0.44 0.00	20.98 -0.32 0.00	24.74 -0.25 0.00	31.49 -0.29 0.00	34.27 -0.35 0.00	26.36 -0.29 0.00	23.66 -0.34 0.00	20.96 -0.41 0.00	18.55 -0.46 0.00
ROCHESRG_115KV_T4 355643	15.78 -0.49 -0.02	15.13 -0.36 0.00	14.13 -0.29 0.00	13.80 -0.32 0.00	14.34 -0.25 0.00	15.42 -0.54 -0.01	21.21 -0.63 -0.07	23.91 -0.53 -0.19	23.74 -0.41 -0.02	21.21 -0.13 0.00	21.00 -0.26 0.00	20.54 -0.29 0.00	19.48 -0.26 0.00	19.59 -0.34 0.00	19.66 -0.40 0.00	20.26 -0.50 0.00	20.89 -0.43 -0.02	24.76 -0.37 -0.14	31.37 -0.57 -0.16	34.08 -0.59 -0.05	26.26 -0.43 -0.03	23.74 -0.26 -0.01	21.15 -0.21 0.00	18.46 -0.55 0.00
ROCHESTER_9_IC 23652	15.84 -0.42 -0.02	15.19 -0.29 0.00	14.19 -0.23 0.00	13.86 -0.27 0.00	14.40 -0.19 0.00	15.48 -0.48 -0.01	21.30 -0.54 -0.07	24.06 -0.39 -0.19	23.89 -0.27 -0.02	21.34 0.00 0.00	21.15 -0.11 0.00	20.69 -0.15 0.00	19.59 -0.14 0.00	19.69 -0.24 0.00	19.76 -0.30 0.00	20.37 -0.39 0.00	21.02 -0.30 -0.02	24.91 -0.22 -0.15	31.59 -0.35 -0.16	34.33 -0.35 -0.06	26.42 -0.27 -0.03	23.88 -0.12 -0.01	21.26 -0.11 0.00	18.55 -0.46 0.00
ROCKVIEW_13_KV_LD 356306	18.02 1.19 -0.59	16.57 1.08 0.00	15.41 0.99 0.00	15.10 0.97 0.00	15.56 0.98 0.00	17.37 1.21 -0.20	26.31 1.81 -2.73	32.62 2.16 -6.20	28.08 2.12 -1.83	25.02 1.88 -1.80	24.82 1.83 -1.74	23.27 1.79 -0.64	22.65 1.72 -1.20	22.42 1.75 -0.74	22.86 1.77 -1.03	24.25 1.83 -1.66	26.28 1.87 -3.11	31.35 2.20 -4.17	39.18 2.76 -4.64	41.01 3.05 -3.34	29.89 2.29 -0.95	26.27 1.99 -0.29	23.16 1.79 0.00	20.42 1.41 0.00
ROME_____115KV_TB2 80656	16.65 0.41 0.00	15.87 0.39 0.00	14.73 0.32 0.00	14.47 0.34 0.00	14.98 0.39 0.00	16.42 0.46 0.00	22.58 0.81 0.00	25.16 0.90 0.00	24.95 0.82 0.00	22.03 0.68 0.00	21.83 0.57 0.00	21.30 0.46 0.00	20.11 0.37 0.00	20.29 0.36 0.00	20.41 0.34 0.00	21.10 0.33 0.00	21.72 0.43 0.00	25.66 0.67 0.00	32.77 0.99 0.00	35.72 1.11 0.00	27.45 0.80 0.00	24.71 0.72 0.00	22.05 0.68 0.00	19.52 0.51 0.00
ROSETON___1 23587	17.64 0.75 -0.65	16.18 0.70 0.00	15.07 0.65 0.00	14.76 0.64 0.00	15.24 0.66 0.00	16.94 0.77 -0.22	25.52 1.09 -2.65	31.98 1.31 -6.41	26.80 1.30 -1.37	23.41 1.09 -0.98	23.23 1.04 -0.93	22.21 1.02 -0.35	21.37 0.99 -0.65	21.37 1.04 -0.40	21.67 1.04 -0.56	22.77 1.10 -0.91	24.39 1.15 -1.94	30.96 1.37 -4.59	38.61 1.71 -5.11	39.22 1.90 -2.70	29.16 1.46 -1.04	25.54 1.22 -0.32	22.43 1.07 0.00	19.84 0.84 0.00
ROSETON___2 23588	17.64 0.75 -0.65	16.18 0.70 0.00	15.07 0.65 0.00	14.76 0.64 0.00	15.24 0.66 0.00	16.94 0.77 -0.22	25.52 1.09 -2.65	31.98 1.31 -6.41	26.80 1.30 -1.37	23.41 1.09 -0.98	23.23 1.04 -0.93	22.21 1.02 -0.35	21.37 0.99 -0.65	21.37 1.04 -0.40	21.67 1.04 -0.56	22.77 1.10 -0.91	24.39 1.15 -1.94	30.96 1.37 -4.59	38.61 1.71 -5.11	39.22 1.90 -2.70	29.16 1.46 -1.04	25.54 1.22 -0.32	22.43 1.07 0.00	19.84 0.84 0.00
ROTTTRDAM_115KV_TB3 80664	17.64 0.67 -0.72	16.12 0.63 0.00	15.01 0.59 0.00	14.71 0.58 0.00	15.18 0.60 0.00	16.89 0.69 -0.24	25.63 1.00 -2.85	32.46 1.16 -7.04	26.55 1.13 -1.28	23.02 0.96 -0.72	22.74 0.87 -0.61	21.95 0.85 -0.25	21.00 0.79 -0.48	21.04 0.82 -0.30	21.32 0.84 -0.41	22.36 0.93 -0.66	23.89 0.98 -1.61	31.29 1.15 -5.16	39.01 1.49 -5.74	38.90 1.63 -2.66	29.08 1.25 -1.17	25.41 1.06 -0.36	22.26 0.90 0.00	19.81 0.80 0.00
RUSSELL___1 23602	15.91 -0.36 -0.02	15.24 -0.25 0.00	14.23 -0.19 0.00	13.90 -0.23 0.00	14.44 -0.15 0.00	15.53 -0.43 -0.01	21.39 -0.46 -0.07	24.18 -0.27 -0.19	24.01 -0.14 -0.02	21.47 0.13 0.00	21.25 0.00 0.00	20.79 -0.04 0.00	19.69 -0.04 0.00	19.79 -0.14 0.00	19.84 -0.22 0.00	20.47 -0.29 0.00	21.12 -0.19 -0.02	25.06 -0.07 -0.15	31.78 -0.16 -0.16	34.53 -0.14 -0.06	26.58 -0.11 -0.03	24.00 0.00 -0.01	21.34 -0.02 0.00	18.61 -0.40 0.00

RUSSELL___2 23532	15.91 -0.36 -0.02	15.24 -0.25 0.00	14.23 -0.19 0.00	13.90 -0.23 0.00	14.44 -0.15 0.00	15.53 -0.43 -0.01	21.39 -0.46 -0.07	24.18 -0.27 -0.19	24.01 -0.14 -0.02	21.47 0.13 0.00	21.25 0.00 0.00	20.79 -0.04 0.00	19.69 -0.04 0.00	19.79 -0.14 0.00	19.84 -0.22 0.00	20.47 -0.29 0.00	21.12 -0.19 -0.02	25.06 -0.07 -0.15	31.78 -0.16 -0.16	34.53 -0.14 -0.06	26.58 -0.11 -0.03	24.00 0.00 -0.01	21.34 -0.02 0.00	18.61 -0.40 0.00
RUSSELL___3 23549	15.91 -0.36 -0.02	15.24 -0.25 0.00	14.23 -0.19 0.00	13.90 -0.23 0.00	14.44 -0.15 0.00	15.53 -0.43 -0.01	21.39 -0.46 -0.07	24.18 -0.27 -0.19	24.01 -0.14 -0.02	21.47 0.13 0.00	21.25 0.00 0.00	20.79 -0.04 0.00	19.69 -0.04 0.00	19.79 -0.14 0.00	19.84 -0.22 0.00	20.47 -0.29 0.00	21.12 -0.19 -0.02	25.06 -0.07 -0.15	31.78 -0.16 -0.16	34.53 -0.14 -0.06	26.58 -0.11 -0.03	24.00 0.00 -0.01	21.34 -0.02 0.00	18.61 -0.40 0.00
RUSSELL___4 23556	15.91 -0.36 -0.02	15.24 -0.25 0.00	14.23 -0.19 0.00	13.90 -0.23 0.00	14.44 -0.15 0.00	15.53 -0.43 -0.01	21.39 -0.46 -0.07	24.18 -0.27 -0.19	24.01 -0.14 -0.02	21.47 0.13 0.00	21.25 0.00 0.00	20.79 -0.04 0.00	19.69 -0.04 0.00	19.79 -0.14 0.00	19.84 -0.22 0.00	20.47 -0.29 0.00	21.12 -0.19 -0.02	25.06 -0.07 -0.15	31.78 -0.16 -0.16	34.53 -0.14 -0.06	26.58 -0.11 -0.03	24.00 0.00 -0.01	21.34 -0.02 0.00	18.61 -0.40 0.00
RUSSELL___STATION 23914	15.91 -0.36 -0.02	15.24 -0.25 0.00	14.23 -0.19 0.00	13.90 -0.23 0.00	14.44 -0.15 0.00	15.53 -0.43 -0.01	21.39 -0.46 -0.07	24.18 -0.27 -0.19	24.01 -0.14 -0.02	21.47 0.13 0.00	21.25 0.00 0.00	20.79 -0.04 0.00	19.69 -0.04 0.00	19.79 -0.14 0.00	19.84 -0.22 0.00	20.47 -0.29 0.00	21.12 -0.19 -0.02	25.06 -0.07 -0.15	31.78 -0.16 -0.16	34.53 -0.14 -0.06	26.58 -0.11 -0.03	24.00 0.00 -0.01	21.34 -0.02 0.00	18.61 -0.40 0.00
S SALMON___HYD 24043	16.29 0.03 -0.01	15.52 0.03 0.00	14.43 0.01 0.00	14.13 0.00 0.00	14.64 0.06 0.00	15.96 0.00 0.00	22.00 0.17 -0.04	24.80 0.41 -0.13	24.51 0.36 -0.02	21.70 0.36 0.00	21.51 0.26 0.00	21.04 0.21 0.00	19.87 0.14 0.00	20.03 0.10 0.00	20.10 0.04 0.00	20.76 0.00 0.00	21.37 0.06 -0.01	25.31 0.22 -0.10	32.34 0.44 -0.11	35.18 0.52 -0.04	27.08 0.40 -0.02	24.43 0.43 -0.01	21.68 0.32 0.00	19.18 0.17 0.00
S.PERRY___115KV_TB1 80734	16.29 0.02 -0.03	15.61 0.12 0.00	14.58 0.16 0.00	14.21 0.08 0.00	14.82 0.23 0.00	15.93 -0.03 -0.01	22.10 0.22 -0.10	25.04 0.51 -0.27	24.77 0.60 -0.03	22.09 0.75 0.00	21.76 0.51 0.00	21.19 0.35 0.00	20.07 0.34 0.00	20.17 0.24 0.00	20.22 0.16 0.00	20.89 0.12 0.00	21.64 0.32 -0.02	25.87 0.67 -0.21	32.87 0.86 -0.23	35.74 1.04 -0.08	27.50 0.80 -0.05	24.78 0.77 -0.01	22.00 0.64 0.00	19.09 0.08 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	15.48 -0.80 -0.03	15.02 -0.46 0.00	14.10 -0.32 0.00	13.75 -0.38 0.00	14.32 -0.26 0.00	15.10 -0.86 -0.01	20.85 -1.02 -0.09	23.35 -1.16 -0.26	23.22 -0.94 -0.03	20.98 -0.36 0.00	20.66 -0.60 0.00	20.25 -0.58 0.00	19.26 -0.47 0.00	19.37 -0.56 0.00	19.40 -0.66 0.00	19.89 -0.87 0.00	20.53 -0.79 -0.02	24.41 -0.77 -0.20	30.57 -1.43 -0.22	33.27 -1.42 -0.07	25.79 -0.91 -0.04	23.34 -0.67 -0.01	20.94 -0.43 0.00	18.12 -0.89 0.00
SAWYER___23_KV_LOAD 55526	15.48 -0.80 -0.03	15.02 -0.46 0.00	14.10 -0.32 0.00	13.75 -0.38 0.00	14.32 -0.26 0.00	15.10 -0.86 -0.01	20.85 -1.02 -0.09	23.35 -1.16 -0.26	23.22 -0.94 -0.03	20.98 -0.36 0.00	20.66 -0.60 0.00	20.25 -0.58 0.00	19.26 -0.47 0.00	19.37 -0.56 0.00	19.40 -0.66 0.00	19.89 -0.87 0.00	20.53 -0.79 -0.02	24.41 -0.77 -0.20	30.57 -1.43 -0.22	33.27 -1.42 -0.07	25.79 -0.91 -0.04	23.34 -0.67 -0.01	20.94 -0.43 0.00	18.12 -0.89 0.00
SELKIRK___I 23801	17.48 0.54 -0.70	16.01 0.53 0.00	14.93 0.52 0.00	14.64 0.51 0.00	15.11 0.52 0.00	16.78 0.59 -0.24	25.33 0.78 -2.77	32.00 0.87 -6.87	26.31 0.89 -1.29	22.80 0.70 -0.76	22.57 0.66 -0.66	21.73 0.62 -0.27	20.85 0.61 -0.50	20.90 0.66 -0.31	21.18 0.68 -0.43	22.21 0.75 -0.70	23.74 0.79 -1.65	30.95 0.95 -5.01	38.54 1.18 -5.58	38.54 1.28 -2.64	28.78 0.99 -1.14	25.16 0.82 -0.35	22.07 0.70 0.00	19.58 0.57 0.00
SELKIRK___II 23799	17.42 0.47 -0.70	15.93 0.45 0.00	14.86 0.45 0.00	14.57 0.44 0.00	15.04 0.45 0.00	16.72 0.53 -0.24	25.26 0.70 -2.79	31.97 0.85 -6.86	26.26 0.84 -1.29	22.77 0.66 -0.77	22.53 0.62 -0.66	21.67 0.56 -0.27	20.82 0.57 -0.51	20.86 0.62 -0.32	21.15 0.64 -0.44	22.18 0.71 -0.71	23.73 0.77 -1.66	30.89 0.90 -5.00	38.49 1.14 -5.57	38.48 1.21 -2.65	28.72 0.93 -1.14	25.11 0.77 -0.35	22.00 0.64 0.00	19.52 0.51 0.00
SENECA OSWGO___HYD 24041	16.34 0.08 -0.01	15.58 0.09 0.00	14.50 0.09 0.00	14.17 0.04 0.00	14.69 0.10 0.00	16.01 0.05 0.00	22.09 0.26 -0.05	24.86 0.46 -0.15	24.60 0.46 -0.02	21.83 0.49 0.00	21.64 0.38 0.00	21.13 0.29 0.00	19.97 0.24 0.00	20.13 0.20 0.00	20.21 0.14 0.00	20.87 0.10 0.00	21.48 0.17 -0.01	25.42 0.32 -0.11	32.41 0.51 -0.12	35.25 0.59 -0.04	27.08 0.40 -0.03	24.43 0.43 -0.01	21.75 0.38 0.00	19.22 0.21 0.00
SENECA___115KV_TB3 355854	15.71 -0.57 -0.03	15.22 -0.26 0.00	14.27 -0.14 0.00	13.92 -0.21 0.00	14.51 -0.07 0.00	15.33 -0.64 -0.01	21.20 -0.68 -0.10	23.72 -0.80 -0.27	23.61 -0.55 -0.03	21.32 -0.02 0.00	20.98 -0.28 0.00	20.57 -0.27 0.00	19.56 -0.18 0.00	19.67 -0.26 0.00	19.70 -0.36 0.00	20.18 -0.58 0.00	20.87 -0.45 -0.02	24.82 -0.37 -0.20	31.08 -0.92 -0.23	33.86 -0.83 -0.08	26.25 -0.45 -0.05	23.72 -0.29 -0.01	21.26 -0.11 0.00	18.40 -0.61 0.00
SENECA___ENERGY 23797	16.06 -0.21 -0.02	15.34 -0.14 0.00	14.30 -0.12 0.00	13.97 -0.16 0.00	14.50 -0.09 0.00	15.74 -0.22 -0.01	21.75 -0.11 -0.08	24.99 0.51 -0.22	24.73 0.58 -0.03	22.05 0.70 0.00	21.74 0.49 0.00	21.21 0.38 0.00	20.05 0.31 0.00	20.17 0.24 0.00	20.21 0.14 0.00	20.87 0.10 0.00	21.47 0.15 -0.02	25.51 0.35 -0.17	32.38 0.41 -0.19	35.20 0.52 -0.06	27.09 0.40 -0.04	24.39 0.38 -0.01	21.70 0.34 0.00	19.05 0.04 0.00
SHOEMAKER___GT 23640	17.67 0.91 -0.51	16.30 0.82 0.00	15.15 0.73 0.00	14.86 0.73 0.00	15.33 0.74 0.00	16.99 0.86 -0.17	23.19 1.28 -0.13	28.58 1.58 -2.74	23.11 1.55 2.56	17.85 1.32 4.82	18.16 1.30 4.40	20.38 1.25 1.71	17.73 1.20 3.21	19.18 1.24 1.99	18.56 1.26 2.77	17.60 1.29 4.45	15.87 1.36 6.79	30.24 1.60 -3.65	37.88 2.04 -4.06	33.51 2.25 3.35	29.19 1.71 -0.83	25.71 1.46 -0.25	22.65 1.28 0.00	20.00 0.99 0.00
SHOEMAKR_138KV_BK 111 55601	17.65 0.89 -0.51	16.31 0.82 0.00	15.17 0.75 0.00	14.86 0.73 0.00	15.33 0.74 0.00	17.00 0.88 -0.17	22.45 1.28 0.62	27.65 1.55 -1.84	21.74 1.52 3.91	15.78 1.32 6.88	16.25 1.30 6.30	19.64 1.25 2.44	16.35 1.20 4.58	18.33 1.24 2.84	17.35 1.24 3.96	15.69 1.29 6.36	12.80 1.36 9.86	30.21 1.60 -3.62	37.84 2.03 -4.03	31.47 2.25 5.39	29.18 1.71 -0.82	25.68 1.44 -0.25	22.65 1.28 0.00	20.02 1.01 0.00

SHOREHAM_IC_1 23715	20.89 1.69 -2.95	17.13 1.52 -0.12	15.88 1.34 -0.12	15.50 1.33 -0.04	16.11 1.40 -0.12	20.60 1.67 -2.97	27.25 2.40 -3.08	35.83 2.72 -8.86	34.60 3.28 -7.19	38.12 2.92 -13.86	40.49 2.70 -16.54	28.03 2.65 -4.55	27.56 2.56 -5.26	28.08 2.59 -5.56	32.34 2.65 -9.63	36.91 2.76 -13.39	37.27 2.92 -13.05	37.95 3.20 -9.76	44.85 4.10 -8.96	42.97 4.33 -4.03	43.51 3.46 -13.40	35.43 3.07 -8.36	28.03 2.67 -4.00	21.28 2.15 -0.12
SHOREHAM_IC_2 23716	20.89 1.69 -2.95	17.13 1.52 -0.12	15.88 1.34 -0.12	15.50 1.33 -0.04	16.11 1.40 -0.12	20.60 1.67 -2.97	27.25 2.40 -3.08	35.83 2.72 -8.86	34.60 3.28 -7.19	38.12 2.92 -13.86	40.49 2.70 -16.54	28.03 2.65 -4.55	27.56 2.56 -5.26	28.08 2.59 -5.56	32.34 2.65 -9.63	36.91 2.76 -13.39	37.27 2.92 -13.05	37.95 3.20 -9.76	44.85 4.10 -8.96	42.97 4.33 -4.03	43.51 3.46 -13.40	35.43 3.07 -8.36	28.03 2.67 -4.00	21.28 2.15 -0.12
SISSONVILLE____ 23735	15.92 -0.32 0.00	15.13 -0.36 0.00	14.07 -0.35 0.00	13.85 -0.28 0.00	14.27 -0.32 0.00	15.70 -0.26 0.00	21.41 -0.37 0.00	23.77 -0.49 0.00	23.65 -0.48 0.00	20.89 -0.45 0.00	20.91 -0.34 0.00	20.48 -0.35 0.00	19.32 -0.41 0.00	19.47 -0.46 0.00	19.62 -0.44 0.00	20.33 -0.44 0.00	20.79 -0.51 0.00	24.24 -0.75 0.00	30.95 -0.83 0.00	33.72 -0.90 0.00	25.85 -0.80 0.00	23.30 -0.70 0.00	20.87 -0.49 0.00	18.71 -0.30 0.00
SITHE_IND_GS1 24169	15.83 -0.42 0.00	15.10 -0.39 0.00	14.07 -0.35 0.00	13.78 -0.35 0.00	14.22 -0.36 0.00	15.48 -0.48 0.00	21.19 -0.59 0.00	23.46 -0.80 0.00	23.33 -0.80 0.00	20.68 -0.66 0.00	20.55 -0.70 0.00	20.15 -0.69 0.00	19.10 -0.63 0.00	19.25 -0.68 0.00	19.36 -0.70 0.00	20.02 -0.75 0.00	20.55 -0.75 0.00	24.14 -0.85 0.00	30.70 -1.08 0.00	33.44 -1.18 0.00	25.77 -0.88 0.00	23.32 -0.67 0.00	20.81 -0.56 0.00	18.50 -0.51 0.00
SITHE_IND_GS2 24170	15.83 -0.42 0.00	15.10 -0.39 0.00	14.07 -0.35 0.00	13.78 -0.35 0.00	14.22 -0.36 0.00	15.48 -0.48 0.00	21.19 -0.59 0.00	23.46 -0.80 0.00	23.33 -0.80 0.00	20.68 -0.66 0.00	20.55 -0.70 0.00	20.15 -0.69 0.00	19.10 -0.63 0.00	19.25 -0.68 0.00	19.36 -0.70 0.00	20.02 -0.75 0.00	20.55 -0.75 0.00	24.14 -0.85 0.00	30.70 -1.08 0.00	33.44 -1.18 0.00	25.77 -0.88 0.00	23.32 -0.67 0.00	20.81 -0.56 0.00	18.50 -0.51 0.00
SITHE_IND_GS3 24171	15.83 -0.42 0.00	15.10 -0.39 0.00	14.07 -0.35 0.00	13.78 -0.35 0.00	14.22 -0.36 0.00	15.48 -0.48 0.00	21.19 -0.59 0.00	23.46 -0.80 0.00	23.33 -0.80 0.00	20.68 -0.66 0.00	20.55 -0.70 0.00	20.15 -0.69 0.00	19.10 -0.63 0.00	19.25 -0.68 0.00	19.36 -0.70 0.00	20.02 -0.75 0.00	20.55 -0.75 0.00	24.14 -0.85 0.00	30.70 -1.08 0.00	33.44 -1.18 0.00	25.77 -0.88 0.00	23.32 -0.67 0.00	20.81 -0.56 0.00	18.50 -0.51 0.00
SITHE_IND_GS4 24172	15.83 -0.42 0.00	15.10 -0.39 0.00	14.07 -0.35 0.00	13.78 -0.35 0.00	14.22 -0.36 0.00	15.48 -0.48 0.00	21.19 -0.59 0.00	23.46 -0.80 0.00	23.33 -0.80 0.00	20.68 -0.66 0.00	20.55 -0.70 0.00	20.15 -0.69 0.00	19.10 -0.63 0.00	19.25 -0.68 0.00	19.36 -0.70 0.00	20.02 -0.75 0.00	20.55 -0.75 0.00	24.14 -0.85 0.00	30.70 -1.08 0.00	33.44 -1.18 0.00	25.77 -0.88 0.00	23.32 -0.67 0.00	20.81 -0.56 0.00	18.50 -0.51 0.00
SITHE____BATAVIA 24024	15.75 -0.52 -0.02	15.24 -0.25 0.00	14.27 -0.14 0.00	13.92 -0.21 0.00	14.50 -0.09 0.00	15.40 -0.56 -0.01	21.23 -0.63 -0.08	23.90 -0.58 -0.22	23.82 -0.34 -0.03	21.43 0.09 0.00	21.15 -0.11 0.00	20.67 -0.17 0.00	19.62 -0.12 0.00	19.65 -0.28 0.00	19.66 -0.40 0.00	20.29 -0.48 0.00	20.95 -0.36 -0.02	24.94 -0.23 -0.17	31.46 -0.51 -0.19	34.23 -0.45 -0.07	26.40 -0.29 -0.04	23.96 -0.05 -0.01	21.34 -0.02 0.00	18.48 -0.53 0.00
SITHE____INDEPEND 23800	15.83 -0.42 0.00	15.10 -0.39 0.00	14.07 -0.35 0.00	13.78 -0.35 0.00	14.22 -0.36 0.00	15.48 -0.48 0.00	21.19 -0.59 0.00	23.46 -0.80 0.00	23.33 -0.80 0.00	20.68 -0.66 0.00	20.55 -0.70 0.00	20.15 -0.69 0.00	19.10 -0.63 0.00	19.27 -0.66 0.00	19.38 -0.68 0.00	20.02 -0.75 0.00	20.55 -0.75 0.00	24.14 -0.85 0.00	30.70 -1.08 0.00	33.44 -1.18 0.00	25.77 -0.88 0.00	23.32 -0.67 0.00	20.81 -0.56 0.00	18.50 -0.51 0.00
SITHE____MASSENA 23902	15.97 -0.28 0.00	15.17 -0.31 0.00	14.14 -0.27 0.00	13.89 -0.24 0.00	14.29 -0.29 0.00	15.70 -0.26 0.00	21.36 -0.41 0.00	23.75 -0.51 0.00	23.65 -0.48 0.00	20.92 -0.43 0.00	20.96 -0.30 0.00	20.52 -0.31 0.00	19.40 -0.34 0.00	19.57 -0.36 0.00	19.74 -0.32 0.00	20.41 -0.35 0.00	20.89 -0.41 0.00	24.44 -0.55 0.00	31.11 -0.67 0.00	33.86 -0.76 0.00	26.01 -0.64 0.00	23.37 -0.62 0.00	20.87 -0.49 0.00	18.70 -0.30 0.00
SITHE____OGDNSBRG 24021	16.09 -0.16 0.00	15.27 -0.22 0.00	14.20 -0.22 0.00	13.99 -0.14 0.00	14.40 -0.19 0.00	15.88 -0.08 0.00	21.63 -0.15 0.00	24.21 -0.05 0.00	24.03 -0.10 0.00	21.21 -0.13 0.00	21.21 -0.04 0.00	20.77 -0.06 0.00	19.57 -0.16 0.00	19.77 -0.16 0.00	19.90 -0.16 0.00	20.60 -0.17 0.00	21.11 -0.19 0.00	24.76 -0.22 0.00	31.37 -0.41 0.00	34.13 -0.48 0.00	26.23 -0.43 0.00	23.61 -0.38 0.00	21.04 -0.32 0.00	18.84 -0.17 0.00
SITHE____STERLING 23777	16.57 0.32 0.00	15.81 0.33 0.00	14.69 0.27 0.00	14.40 0.27 0.00	14.91 0.32 0.00	16.32 0.37 0.00	22.43 0.65 0.00	25.14 0.78 -0.11	24.84 0.70 -0.01	21.96 0.62 0.00	21.76 0.51 0.00	21.25 0.42 0.00	20.07 0.34 0.00	20.25 0.32 0.00	20.34 0.28 0.00	21.05 0.29 0.00	21.69 0.38 -0.01	25.62 0.55 -0.08	32.67 0.79 -0.09	35.55 0.90 -0.03	27.34 0.67 -0.02	24.60 0.60 -0.01	21.92 0.55 0.00	19.43 0.42 0.00
SLEIGHT__34_KV_TB1 80719	16.45 0.18 -0.02	15.67 0.19 0.00	14.60 0.19 0.00	14.26 0.13 0.00	14.82 0.23 0.00	16.12 0.16 -0.01	22.31 0.46 -0.07	25.65 1.19 -0.21	25.41 1.25 -0.02	22.64 1.30 0.00	22.36 1.11 0.00	21.77 0.94 0.00	20.56 0.83 0.00	20.71 0.78 0.00	20.73 0.66 0.00	21.39 0.62 0.00	21.06 -0.26 -0.02	25.00 -0.15 -0.16	31.80 -0.16 -0.18	34.50 -0.17 -0.06	26.53 -0.16 -0.04	23.91 -0.10 -0.01	21.28 -0.09 0.00	18.65 -0.36 0.00
SOUTH CAIRO____GT 23612	17.68 0.76 -0.67	16.24 0.76 0.00	15.15 0.73 0.00	14.85 0.72 0.00	15.33 0.74 0.00	16.88 0.70 -0.23	25.49 1.00 -2.71	32.18 1.33 -6.59	26.71 1.25 -1.33	23.10 0.88 -0.88	23.00 0.96 -0.79	21.90 0.75 -0.31	21.03 0.71 -0.59	21.09 0.80 -0.36	21.43 0.86 -0.51	22.49 0.91 -0.82	24.22 1.11 -1.81	31.12 1.37 -4.76	39.02 1.94 -5.30	39.30 2.01 -2.67	29.17 1.44 -1.08	25.52 1.20 -0.33	22.26 0.90 0.00	19.90 0.89 0.00
SOUTH HAMPTN____IC 23720	21.04 1.87 -2.92	17.30 1.69 -0.12	16.02 1.49 -0.12	15.64 1.47 -0.04	16.25 1.55 -0.12	20.72 1.83 -2.93	27.49 2.63 -3.07	36.14 3.06 -8.83	34.90 3.64 -7.13	38.32 3.27 -13.71	40.63 3.02 -16.36	28.29 2.96 -4.50	27.83 2.88 -5.21	28.34 2.91 -5.50	32.56 2.97 -9.53	37.06 3.05 -13.25	37.47 3.24 -12.93	38.31 3.62 -9.70	45.30 4.61 -8.92	43.55 4.91 -4.02	43.83 3.92 -13.25	35.73 3.46 -8.28	28.22 2.90 -3.95	21.51 2.38 -0.12

SOUTHDOWN_115KV_TB1 355954	15.90 -0.37 -0.03	15.38 -0.11 0.00	14.43 0.01 0.00	14.07 -0.06 0.00	14.72 0.13 0.00	15.57 -0.40 -0.01	21.71 -0.17 -0.10	24.30 -0.24 -0.28	24.21 0.05 -0.03	21.83 0.49 0.00	21.45 0.19 0.00	21.00 0.17 0.00	19.95 0.22 0.00	20.03 0.10 0.00	20.02 -0.04 0.00	20.56 -0.21 0.00	21.28 -0.04 -0.02	25.41 0.20 -0.22	31.96 -0.06 -0.24	34.91 0.21 -0.08	27.02 0.32 -0.05	24.34 0.34 -0.02	21.73 0.36 0.00	18.80 -0.21 0.00
SOUTHOLD_69_KV_BK 2 55809	21.20 2.03 -2.92	17.51 1.90 -0.12	16.24 1.70 -0.12	15.78 1.61 -0.04	16.47 1.76 -0.12	20.96 2.07 -2.93	27.81 2.96 -3.07	36.45 3.37 -8.82	35.28 4.03 -7.12	38.61 3.56 -13.71	41.01 3.40 -16.35	28.65 3.31 -4.50	28.12 3.18 -5.21	28.70 3.27 -5.50	32.88 3.29 -9.52	37.39 3.38 -13.24	37.83 3.60 -12.93	38.86 4.17 -9.70	45.87 5.18 -8.91	44.21 5.57 -4.02	44.29 4.40 -13.24	36.16 3.89 -8.28	28.56 3.25 -3.95	21.79 2.66 -0.12
SOUTHOLD___IC 23719	21.28 2.11 -2.92	17.51 1.90 -0.12	16.24 1.70 -0.12	15.84 1.67 -0.04	16.47 1.76 -0.12	20.96 2.07 -2.93	27.81 2.96 -3.07	36.53 3.44 -8.82	35.28 4.03 -7.13	38.68 3.63 -13.71	41.01 3.40 -16.35	28.65 3.31 -4.50	28.12 3.18 -5.21	28.66 3.23 -5.50	32.88 3.29 -9.52	37.39 3.39 -13.24	37.83 3.60 -12.93	38.78 4.10 -9.70	45.88 5.18 -8.91	44.21 5.57 -4.02	44.33 4.43 -13.25	36.16 3.89 -8.28	28.56 3.25 -3.95	21.79 2.66 -0.12
SPIERFLS_115KV_TB 1 80737	18.14 1.17 -0.72	16.61 1.13 0.00	15.45 1.04 0.00	15.15 1.02 0.00	15.65 1.06 0.00	17.36 1.16 -0.24	26.36 1.74 -2.84	33.34 2.06 -7.02	27.42 2.00 -1.29	23.84 1.77 -0.73	23.46 1.59 -0.62	22.66 1.56 -0.26	21.50 1.28 -0.49	21.55 1.32 -0.30	21.83 1.34 -0.42	22.89 1.45 -0.68	24.37 1.45 -1.62	31.82 1.70 -5.13	39.94 2.45 -5.72	39.91 2.63 -2.66	29.98 2.16 -1.17	26.15 1.80 -0.36	22.82 1.45 0.00	20.44 1.43 0.00
ST LAWRENCE____ 23600	15.89 -0.36 0.00	15.11 -0.37 0.00	14.09 -0.33 0.00	13.82 -0.31 0.00	14.24 -0.35 0.00	15.62 -0.34 0.00	21.21 -0.57 0.00	23.60 -0.65 0.00	23.50 -0.63 0.00	20.77 -0.58 0.00	20.81 -0.45 0.00	20.42 -0.42 0.00	19.30 -0.43 0.00	19.49 -0.44 0.00	19.66 -0.40 0.00	20.33 -0.44 0.00	20.81 -0.49 0.00	24.34 -0.65 0.00	30.95 -0.83 0.00	33.72 -0.90 0.00	25.91 -0.75 0.00	23.27 -0.72 0.00	20.77 -0.60 0.00	18.61 -0.40 0.00
STATE_CA_115KV_115_LB 55624	17.40 0.44 -0.71	15.92 0.43 0.00	14.86 0.45 0.00	14.57 0.44 0.00	15.04 0.45 0.00	16.72 0.53 -0.24	25.28 0.70 -2.81	32.00 0.82 -6.92	26.27 0.84 -1.30	22.77 0.66 -0.77	22.49 0.60 -0.64	21.67 0.56 -0.27	20.79 0.55 -0.51	20.84 0.60 -0.32	21.13 0.62 -0.44	22.18 0.71 -0.71	23.73 0.77 -1.67	30.94 0.90 -5.05	38.55 1.14 -5.62	38.49 1.21 -2.66	28.73 0.93 -1.15	25.09 0.74 -0.35	21.94 0.58 0.00	19.52 0.51 0.00
STATE_ST_34_KV_LOAD 55959	16.32 0.05 -0.02	15.55 0.06 0.00	14.49 0.07 0.00	14.16 0.03 0.00	14.67 0.09 0.00	15.98 0.02 -0.01	22.07 0.22 -0.08	25.70 1.21 -0.23	25.43 1.28 -0.03	22.62 1.28 0.00	22.32 1.06 0.00	21.75 0.92 0.00	20.56 0.83 0.00	20.71 0.78 0.00	20.73 0.66 0.00	21.39 0.62 0.00	21.87 0.55 -0.02	26.01 0.85 -0.17	33.15 1.18 -0.19	36.00 1.32 -0.07	27.65 0.96 -0.04	24.87 0.86 -0.01	21.98 0.62 0.00	19.31 0.30 0.00
STATION 5_MISC_HYD 23604	15.84 -0.42 -0.02	15.19 -0.29 0.00	14.19 -0.23 0.00	13.86 -0.27 0.00	14.40 -0.19 0.00	15.48 -0.48 -0.01	21.30 -0.54 -0.07	24.04 -0.41 -0.19	23.89 -0.26 -0.02	21.36 0.02 0.00	21.15 -0.11 0.00	20.69 -0.14 0.00	19.60 -0.14 0.00	19.67 -0.26 0.00	19.72 -0.34 0.00	20.39 -0.37 0.00	21.02 -0.30 -0.02	24.91 -0.23 -0.15	31.59 -0.35 -0.16	34.33 -0.35 -0.06	26.42 -0.27 -0.03	23.91 -0.10 -0.01	21.26 -0.11 0.00	18.57 -0.44 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	16.02 -0.24 -0.02	15.31 -0.17 0.00	14.29 -0.13 0.00	13.96 -0.17 0.00	14.50 -0.09 0.00	15.67 -0.29 -0.01	21.63 -0.22 -0.07	24.53 0.07 -0.20	24.35 0.19 -0.02	21.71 0.36 0.00	21.49 0.23 0.00	20.98 0.15 0.00	19.83 0.10 0.00	19.95 0.02 0.00	20.00 -0.06 0.00	20.66 -0.10 0.00	21.29 -0.02 -0.02	25.29 0.15 -0.15	32.14 0.19 -0.17	34.88 0.21 -0.06	26.85 0.16 -0.03	24.20 0.19 -0.01	21.56 0.19 0.00	18.84 -0.17 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	15.76 -0.50 -0.02	15.11 -0.37 0.00	14.10 -0.32 0.00	13.78 -0.35 0.00	14.31 -0.28 0.00	15.40 -0.56 -0.01	21.22 -0.63 -0.07	23.94 -0.51 -0.19	23.77 -0.39 -0.02	21.24 -0.11 0.00	21.04 -0.21 0.00	20.57 -0.27 0.00	19.48 -0.26 0.00	19.59 -0.34 0.00	19.66 -0.40 0.00	20.26 -0.50 0.00	20.91 -0.40 -0.02	24.81 -0.32 -0.14	31.46 -0.48 -0.16	34.19 -0.48 -0.05	26.31 -0.37 -0.03	23.76 -0.24 -0.01	21.15 -0.21 0.00	18.48 -0.53 0.00
STA_56___34_KV_BUS2 355983	15.76 -0.50 -0.02	15.11 -0.37 0.00	14.10 -0.32 0.00	13.78 -0.35 0.00	14.31 -0.28 0.00	15.40 -0.56 -0.01	21.22 -0.63 -0.07	23.94 -0.51 -0.19	23.77 -0.39 -0.02	21.24 -0.11 0.00	21.04 -0.21 0.00	20.57 -0.27 0.00	19.48 -0.26 0.00	19.59 -0.34 0.00	19.66 -0.40 0.00	20.26 -0.50 0.00	20.91 -0.40 -0.02	24.81 -0.32 -0.14	31.46 -0.48 -0.16	34.19 -0.48 -0.05	26.31 -0.37 -0.03	23.76 -0.24 -0.01	21.15 -0.21 0.00	18.48 -0.53 0.00
STA_67___115KV_BK2 355882	15.83 -0.44 -0.02	15.17 -0.31 0.00	14.17 -0.25 0.00	13.85 -0.28 0.00	14.37 -0.22 0.00	15.45 -0.51 -0.01	21.28 -0.57 -0.07	24.01 -0.44 -0.19	23.84 -0.31 -0.02	21.30 -0.04 0.00	21.08 -0.17 0.00	20.63 -0.21 0.00	19.56 -0.18 0.00	19.65 -0.28 0.00	19.72 -0.34 0.00	20.33 -0.44 0.00	20.97 -0.34 -0.02	24.86 -0.27 -0.15	31.53 -0.41 -0.16	34.22 -0.45 -0.06	26.37 -0.32 -0.03	23.81 -0.19 -0.01	21.21 -0.15 0.00	18.52 -0.49 0.00
STA_7___115KV_9TRANS 80674	15.91 -0.36 -0.02	15.24 -0.25 0.00	14.23 -0.19 0.00	13.90 -0.23 0.00	14.44 -0.15 0.00	15.53 -0.43 -0.01	21.39 -0.46 -0.07	24.18 -0.27 -0.19	24.01 -0.14 -0.02	21.47 0.13 0.00	21.25 0.00 0.00	20.79 -0.04 0.00	19.69 -0.04 0.00	19.79 -0.14 0.00	19.84 -0.22 0.00	20.47 -0.29 0.00	21.12 -0.19 -0.02	25.06 -0.07 -0.15	31.78 -0.16 -0.16	34.53 -0.14 -0.06	26.58 -0.11 -0.03	24.00 0.00 -0.01	21.34 -0.02 0.00	18.61 -0.40 0.00
STA_82___115KV_TB1 80780	15.83 -0.44 -0.02	15.17 -0.31 0.00	14.17 -0.25 0.00	13.85 -0.28 0.00	14.38 -0.20 0.00	15.47 -0.49 -0.01	21.28 -0.57 -0.07	24.01 -0.44 -0.19	23.84 -0.31 -0.02	21.32 -0.02 0.00	21.11 -0.15 0.00	20.65 -0.19 0.00	19.56 -0.18 0.00	19.67 -0.26 0.00	19.74 -0.32 0.00	20.35 -0.42 0.00	20.97 -0.34 -0.02	24.89 -0.25 -0.15	31.53 -0.41 -0.16	34.26 -0.42 -0.06	26.39 -0.29 -0.03	23.84 -0.17 -0.01	21.24 -0.13 0.00	18.52 -0.49 0.00
STEEL___WIND 323596	15.69 -0.58 -0.03	15.21 -0.28 0.00	14.27 -0.14 0.00	13.90 -0.23 0.00	14.50 -0.09 0.00	15.31 -0.65 -0.01	21.18 -0.70 -0.10	23.67 -0.85 -0.27	23.58 -0.58 -0.03	21.30 -0.04 0.00	20.96 -0.30 0.00	20.54 -0.29 0.00	19.54 -0.20 0.00	19.57 -0.36 0.00	19.60 -0.46 0.00	20.16 -0.60 0.00	20.83 -0.49 -0.02	24.79 -0.40 -0.20	31.05 -0.95 -0.23	33.83 -0.86 -0.08	26.19 -0.51 -0.05	23.77 -0.24 -0.01	21.24 -0.13 0.00	18.44 -0.57 0.00

STEPHTWN_115KV_BK_2 55603	17.50 0.55 -0.70	16.03 0.54 0.00	14.96 0.55 0.00	14.67 0.54 0.00	15.13 0.54 0.00	16.83 0.64 -0.24	25.44 0.87 -2.80	32.16 1.02 -6.88	26.44 1.01 -1.30	22.93 0.81 -0.78	22.65 0.74 -0.65	21.80 0.69 -0.28	20.92 0.67 -0.52	20.97 0.72 -0.32	21.25 0.74 -0.45	22.31 0.83 -0.72	23.89 0.92 -1.68	31.10 1.10 -5.02	38.76 1.40 -5.58	38.77 1.49 -2.66	28.91 1.12 -1.14	25.23 0.89 -0.35	22.09 0.73 0.00	19.69 0.68 0.00
STEUBEN_REC_LFGE 323667	16.19 -0.10 -0.04	15.55 0.06 0.00	14.53 0.12 0.00	14.16 0.03 0.00	14.79 0.20 0.00	15.84 -0.13 -0.01	22.08 0.17 -0.13	24.98 0.36 -0.35	24.70 0.53 -0.04	22.11 0.77 0.00	21.72 0.47 0.00	21.17 0.33 0.00	20.05 0.32 0.00	20.17 0.24 0.00	20.20 0.14 0.00	20.80 0.04 0.00	21.56 0.23 -0.03	25.83 0.57 -0.27	32.65 0.57 -0.30	35.45 0.73 -0.10	27.38 0.67 -0.06	24.59 0.58 -0.02	21.90 0.53 0.00	19.05 0.04 0.00
STONY__BROOK 24151	21.18 1.64 -3.29	17.05 1.42 -0.14	15.81 1.25 -0.14	15.40 1.23 -0.05	16.04 1.31 -0.14	20.93 1.61 -3.36	27.24 2.33 -3.13	36.15 2.67 -9.23	35.27 3.18 -7.96	39.78 2.86 -15.58	42.54 2.63 -18.65	28.52 2.58 -5.10	28.08 2.51 -5.84	28.75 2.57 -6.24	33.51 2.59 -10.85	38.52 2.70 -15.06	38.58 2.81 -14.47	38.56 3.02 -10.54	45.19 3.84 -9.57	42.83 4.08 -4.13	45.09 3.30 -15.14	36.23 2.93 -9.31	28.52 2.58 -4.57	21.20 2.05 -0.14
STURGEON_POOL_HYD 23609	17.87 1.02 -0.60	16.43 0.94 0.00	15.27 0.85 0.00	14.96 0.83 0.00	15.43 0.85 0.00	17.12 0.96 -0.20	25.78 1.46 -2.54	31.91 1.60 -6.05	27.09 1.57 -1.39	23.77 1.32 -1.10	23.72 1.42 -1.04	22.52 1.29 -0.39	21.73 1.26 -0.73	21.66 1.28 -0.45	22.00 1.30 -0.63	23.09 1.31 -1.02	24.79 1.41 -2.08	30.94 1.67 -4.27	38.67 2.13 -4.76	39.71 2.39 -2.70	29.38 1.76 -0.97	25.80 1.51 -0.30	22.77 1.41 0.00	20.11 1.10 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	17.75 0.97 -0.53	16.37 0.88 0.00	15.22 0.81 0.00	14.92 0.79 0.00	15.39 0.80 0.00	17.09 0.96 -0.18	25.81 1.42 -2.61	31.67 1.65 -5.76	27.71 1.64 -1.94	24.82 1.41 -2.07	24.61 1.38 -1.98	22.91 1.33 -0.74	22.41 1.30 -1.38	22.12 1.34 -0.85	22.60 1.34 -1.19	24.07 1.39 -1.92	26.22 1.45 -3.47	30.43 1.70 -3.74	38.11 2.16 -4.17	40.46 2.39 -3.45	29.32 1.81 -0.85	25.79 1.54 -0.26	22.77 1.41 0.00	20.11 1.10 0.00
SWANROAD_115KV_TB1 355699	15.15 -1.12 -0.02	14.76 -0.73 0.00	13.85 -0.56 0.00	13.51 -0.62 0.00	14.08 -0.51 0.00	14.81 -1.15 -0.01	20.36 -1.50 -0.09	22.81 -1.70 -0.25	22.69 -1.47 -0.03	20.51 -0.83 0.00	20.21 -1.04 0.00	19.79 -1.04 0.00	18.82 -0.91 0.00	18.93 -1.00 0.00	18.98 -1.08 0.00	19.46 -1.31 0.00	20.06 -1.26 -0.02	23.83 -1.35 -0.19	29.83 -2.16 -0.21	32.44 -2.25 -0.07	25.18 -1.52 -0.04	22.81 -1.20 -0.01	20.49 -0.88 0.00	17.70 -1.31 0.00
SYNERGY__BIOGAS 323694	15.75 -0.52 -0.02	15.24 -0.25 0.00	14.27 -0.14 0.00	13.92 -0.21 0.00	14.50 -0.09 0.00	15.40 -0.56 -0.01	21.23 -0.63 -0.08	23.90 -0.58 -0.22	23.82 -0.34 -0.03	21.43 0.09 0.00	21.15 -0.11 0.00	20.67 -0.17 0.00	19.62 -0.12 0.00	19.65 -0.28 0.00	19.66 -0.40 0.00	20.29 -0.48 0.00	20.95 -0.36 -0.02	24.94 -0.23 -0.17	31.46 -0.51 -0.19	34.23 -0.45 -0.07	26.40 -0.29 -0.04	23.96 -0.05 -0.01	21.34 -0.02 0.00	18.48 -0.53 0.00
SYRACUSE__ENERGY_ST1 323597	16.28 0.02 -0.02	15.52 0.03 0.00	14.45 0.03 0.00	14.11 -0.01 0.00	14.63 0.04 0.00	15.93 -0.03 -0.01	21.95 0.11 -0.06	25.04 0.61 -0.17	24.80 0.65 -0.02	22.03 0.68 0.00	21.81 0.55 0.00	21.27 0.44 0.00	20.13 0.39 0.00	20.29 0.36 0.00	20.36 0.30 0.00	21.01 0.25 0.00	21.57 0.26 -0.01	25.57 0.45 -0.13	32.56 0.64 -0.15	35.36 0.69 -0.05	27.19 0.51 -0.03	24.48 0.48 -0.01	21.81 0.45 0.00	19.26 0.25 0.00
SYRACUSE__ENERGY_ST2 323598	16.28 0.02 -0.02	15.52 0.03 0.00	14.45 0.03 0.00	14.11 -0.01 0.00	14.63 0.04 0.00	15.93 -0.03 -0.01	21.95 0.11 -0.06	25.04 0.61 -0.17	24.80 0.65 -0.02	22.03 0.68 0.00	21.81 0.55 0.00	21.27 0.44 0.00	20.13 0.39 0.00	20.29 0.36 0.00	20.36 0.30 0.00	21.01 0.25 0.00	21.57 0.26 -0.01	25.57 0.45 -0.13	32.56 0.64 -0.15	35.36 0.69 -0.05	27.19 0.51 -0.03	24.48 0.48 -0.01	21.81 0.45 0.00	19.26 0.25 0.00
SYRACUSE__POWER 24017	16.17 -0.10 -0.02	15.42 -0.06 0.00	14.36 -0.06 0.00	14.04 -0.08 0.00	14.54 -0.04 0.00	15.82 -0.14 -0.01	21.80 -0.04 -0.06	24.58 0.15 -0.18	24.32 0.17 -0.02	21.58 0.23 0.00	21.38 0.13 0.00	20.90 0.06 0.00	19.77 0.04 0.00	19.95 0.02 0.00	20.04 -0.02 0.00	20.68 -0.08 0.00	21.29 -0.02 -0.01	25.20 0.07 -0.14	32.03 0.10 -0.15	34.81 0.14 -0.05	26.76 0.08 -0.03	24.15 0.14 -0.01	21.49 0.13 0.00	18.99 -0.02 0.00
TALLMAN__138KV_BK151 55660	17.85 1.06 -0.55	16.44 0.96 0.00	15.30 0.88 0.00	14.99 0.86 0.00	15.46 0.88 0.00	17.19 1.05 -0.18	26.17 1.57 -2.82	32.26 1.89 -6.11	28.21 1.86 -2.22	25.43 1.62 -2.46	25.19 1.59 -2.35	23.25 1.54 -0.87	22.87 1.50 -1.64	22.46 1.51 -1.02	23.01 1.52 -1.42	24.62 1.58 -2.28	27.01 1.64 -4.07	30.79 1.92 -3.88	38.55 2.45 -4.32	41.21 2.70 -3.89	29.59 2.05 -0.88	25.99 1.73 -0.27	22.92 1.56 0.00	20.25 1.24 0.00
TEALLAVE_115KV_TB7 355573	16.12 -0.15 -0.01	15.38 -0.11 0.00	14.32 -0.10 0.00	14.00 -0.13 0.00	14.50 -0.09 0.00	15.77 -0.19 0.00	21.72 -0.11 -0.05	24.41 0.00 -0.15	24.15 0.00 -0.02	21.45 0.11 0.00	21.25 0.00 0.00	20.77 -0.06 0.00	19.67 -0.06 0.00	19.85 -0.08 0.00	19.94 -0.12 0.00	20.58 -0.19 0.00	21.16 -0.15 -0.01	25.00 -0.10 -0.12	31.81 -0.10 -0.13	34.56 -0.10 -0.04	26.60 -0.08 -0.03	24.00 0.00 -0.01	21.38 0.02 0.00	18.91 -0.10 0.00
TELGRAPH_34_KV_EAST 80808	15.54 -0.73 -0.02	15.05 -0.43 0.00	14.11 -0.30 0.00	13.76 -0.37 0.00	14.35 -0.23 0.00	15.18 -0.78 -0.01	20.90 -0.96 -0.08	23.50 -0.99 -0.23	23.38 -0.77 -0.03	21.09 -0.26 0.00	20.79 -0.47 0.00	20.36 -0.48 0.00	19.34 -0.39 0.00	19.43 -0.50 0.00	19.46 -0.60 0.00	19.97 -0.79 0.00	20.64 -0.68 -0.02	24.52 -0.65 -0.18	30.80 -1.18 -0.20	33.51 -1.18 -0.07	25.92 -0.77 -0.04	23.45 -0.55 -0.01	21.02 -0.34 0.00	18.17 -0.84 0.00
TEMPLE__115KV_TB 2 55572	16.13 -0.13 -0.01	15.38 -0.11 0.00	14.33 -0.09 0.00	14.02 -0.11 0.00	14.50 -0.09 0.00	15.78 -0.18 0.00	21.72 -0.11 -0.05	24.41 0.00 -0.15	24.15 0.00 -0.02	21.45 0.11 0.00	21.25 0.00 0.00	20.79 -0.04 0.00	19.67 -0.06 0.00	19.85 -0.08 0.00	19.94 -0.12 0.00	20.58 -0.19 0.00	21.18 -0.13 -0.01	25.03 -0.07 -0.12	31.82 -0.10 -0.13	34.56 -0.10 -0.04	26.60 -0.08 -0.03	24.00 0.00 -0.01	21.38 0.02 0.00	18.91 -0.10 0.00
TIANA__69_KV_BK 1 55817	20.91 1.74 -2.92	17.23 1.63 -0.12	15.98 1.44 -0.12	15.54 1.37 -0.04	16.21 1.50 -0.12	20.67 1.79 -2.93	27.40 2.55 -3.07	35.97 2.89 -8.82	34.80 3.55 -7.12	38.17 3.12 -13.71	40.56 2.95 -16.36	28.23 2.90 -4.50	27.75 2.80 -5.21	28.30 2.87 -5.50	32.48 2.89 -9.52	36.99 2.99 -13.24	37.38 3.15 -12.93	38.28 3.60 -9.70	45.10 4.42 -8.91	43.42 4.78 -4.02	43.68 3.78 -13.24	35.63 3.36 -8.28	28.13 2.82 -3.95	21.43 2.30 -0.12

TILDEN___115KV_TB1 80814	16.17 -0.10 -0.02	15.42 -0.06 0.00	14.36 -0.06 0.00	14.04 -0.08 0.00	14.54 -0.04 0.00	15.82 -0.14 -0.01	21.80 -0.04 -0.06	24.58 0.15 -0.18	24.32 0.17 -0.02	21.58 0.23 0.00	21.38 0.13 0.00	20.90 0.06 0.00	19.77 0.04 0.00	19.95 0.02 0.00	20.04 -0.02 0.00	20.68 -0.08 0.00	21.29 -0.02 -0.01	25.20 0.07 -0.14	32.03 0.10 -0.15	34.81 0.14 -0.05	26.76 0.08 -0.03	24.15 0.14 -0.01	21.49 0.13 0.00	18.99 -0.02 0.00
TRIGEN___CC 323695	18.12 1.28 -0.59	16.63 1.15 0.00	15.43 1.01 0.00	15.08 0.95 0.00	15.64 1.05 0.00	17.46 1.31 -0.20	26.42 1.92 -2.73	32.50 2.04 -6.20	28.45 2.49 -1.83	25.37 2.20 -1.83	25.14 2.10 -1.78	23.52 2.04 -0.64	22.90 1.97 -1.20	22.71 2.01 -0.76	23.16 2.03 -1.07	24.55 2.10 -1.69	26.60 2.15 -3.15	31.63 2.47 -4.17	39.50 3.08 -4.64	41.25 3.29 -3.34	30.21 2.61 -0.95	28.04 2.28 -1.76	23.46 2.09 -0.01	20.66 1.65 0.00
TRINITY___115KV___4 BK 55933	17.34 0.39 -0.71	15.87 0.39 0.00	14.83 0.42 0.00	14.54 0.41 0.00	14.99 0.41 0.00	16.67 0.48 -0.24	25.19 0.61 -2.80	31.90 0.75 -6.89	26.20 0.77 -1.30	22.69 0.58 -0.77	22.43 0.53 -0.65	21.59 0.48 -0.27	20.72 0.47 -0.51	20.77 0.52 -0.32	21.07 0.56 -0.44	22.10 0.62 -0.71	23.68 0.70 -1.68	30.84 0.82 -5.02	38.42 1.05 -5.59	38.39 1.11 -2.66	28.65 0.85 -1.14	25.01 0.67 -0.35	21.90 0.53 0.00	19.47 0.46 0.00
UNION___PROCESSING_DRP 323587	15.83 -0.44 -0.02	15.17 -0.31 0.00	14.17 -0.25 0.00	13.85 -0.28 0.00	14.38 -0.20 0.00	15.47 -0.49 -0.01	21.28 -0.57 -0.07	24.04 -0.41 -0.19	23.86 -0.29 -0.02	21.32 -0.02 0.00	21.13 -0.13 0.00	20.67 -0.17 0.00	19.57 -0.16 0.00	19.67 -0.26 0.00	19.74 -0.32 0.00	20.35 -0.42 0.00	20.99 -0.32 -0.02	24.89 -0.25 -0.15	31.56 -0.38 -0.16	34.26 -0.42 -0.06	26.39 -0.29 -0.03	23.86 -0.14 -0.01	21.24 -0.13 0.00	18.53 -0.48 0.00
UPPER HUDSON___HYD 24058	18.14 1.17 -0.72	16.61 1.13 0.00	15.44 1.02 0.00	15.15 1.02 0.00	15.65 1.06 0.00	17.36 1.16 -0.24	26.36 1.74 -2.84	33.34 2.06 -7.02	27.42 2.00 -1.29	23.84 1.77 -0.73	23.46 1.59 -0.62	22.66 1.56 -0.26	21.50 1.28 -0.49	21.57 1.34 -0.30	21.83 1.34 -0.42	22.91 1.47 -0.68	24.37 1.45 -1.62	31.82 1.70 -5.13	39.94 2.45 -5.72	39.91 2.63 -2.66	29.98 2.16 -1.17	26.15 1.80 -0.36	22.82 1.45 0.00	20.44 1.43 0.00
UPPER RAQUET___HYD 24056	15.92 -0.32 0.00	15.13 -0.36 0.00	14.09 -0.33 0.00	13.85 -0.28 0.00	14.27 -0.32 0.00	15.70 -0.26 0.00	21.41 -0.37 0.00	23.77 -0.48 0.00	23.65 -0.48 0.00	20.89 -0.45 0.00	20.91 -0.34 0.00	20.48 -0.35 0.00	19.32 -0.42 0.00	19.47 -0.46 0.00	19.66 -0.40 0.00	20.33 -0.44 0.00	20.79 -0.51 0.00	24.24 -0.75 0.00	30.95 -0.83 0.00	33.72 -0.90 0.00	25.85 -0.80 0.00	23.27 -0.72 0.00	20.87 -0.49 0.00	18.70 -0.30 0.00
VALLEY44_115KV_TB2 355964	15.95 -0.32 -0.03	15.42 -0.06 0.00	14.45 0.03 0.00	14.09 -0.04 0.00	14.70 0.12 0.00	15.57 -0.40 -0.01	21.60 -0.28 -0.11	24.18 -0.36 -0.29	24.02 -0.14 -0.04	21.64 0.30 0.00	21.28 0.02 0.00	20.84 0.00 0.00	19.79 0.06 0.00	19.89 -0.04 0.00	19.90 -0.16 0.00	20.43 -0.33 0.00	21.15 -0.17 -0.02	25.21 0.00 -0.22	31.68 -0.35 -0.25	34.49 -0.21 -0.08	26.68 -0.03 -0.05	24.01 0.00 -0.02	21.49 0.13 0.00	18.72 -0.29 0.00
VALLEY___115KV_TB 1-4 80826	16.44 0.19 0.00	15.67 0.19 0.00	14.56 0.14 0.00	14.28 0.16 0.00	14.76 0.18 0.00	16.18 0.22 0.00	22.15 0.37 0.00	24.57 0.32 0.00	24.47 0.34 0.00	21.64 0.30 0.00	21.49 0.23 0.00	21.02 0.19 0.00	19.91 0.18 0.00	20.15 0.22 0.00	20.30 0.24 0.00	21.03 0.27 0.00	21.66 0.36 0.00	25.49 0.50 0.00	32.42 0.64 0.00	35.31 0.69 0.00	27.16 0.51 0.00	24.43 0.43 0.00	21.81 0.45 0.00	19.35 0.34 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	17.56 1.02 -0.29	16.44 0.96 0.00	15.27 0.85 0.00	15.00 0.88 0.00	15.49 0.90 0.00	17.14 1.08 -0.10	24.34 1.61 -0.95	28.79 1.94 -2.60	26.15 1.86 -0.16	22.69 1.60 0.25	22.55 1.53 0.23	22.16 1.42 0.09	20.87 1.30 0.17	21.14 1.32 0.10	21.20 1.28 0.15	21.88 1.35 0.23	22.59 1.45 0.16	28.86 1.80 -2.07	36.43 2.35 -2.30	37.68 2.53 -0.53	29.12 2.00 -0.47	25.84 1.70 -0.14	22.84 1.47 0.00	20.15 1.14 0.00
VISCHER___FERRY HYD 24020	17.63 0.67 -0.71	16.15 0.67 0.00	15.02 0.61 0.00	14.74 0.61 0.00	15.21 0.63 0.00	16.91 0.72 -0.24	25.60 1.00 -2.82	32.41 1.19 -6.96	26.61 1.18 -1.30	23.06 0.96 -0.76	22.75 0.87 -0.62	21.94 0.83 -0.27	21.03 0.79 -0.51	21.10 0.86 -0.31	21.38 0.88 -0.44	22.42 0.96 -0.70	24.01 1.04 -1.66	31.30 1.22 -5.08	39.03 1.59 -5.66	38.99 1.70 -2.67	29.14 1.33 -1.16	25.45 1.10 -0.35	22.26 0.90 0.00	19.79 0.78 0.00
V_A_10_SYNC_DSASP 323832	15.33 -0.94 -0.02	14.85 -0.64 0.00	13.94 -0.48 0.00	13.59 -0.54 0.00	14.15 -0.44 0.00	14.97 -0.99 -0.01	20.62 -1.24 -0.08	23.15 -1.33 -0.23	23.02 -1.13 -0.03	20.74 -0.60 0.00	20.49 -0.76 0.00	20.07 -0.77 0.00	19.06 -0.67 0.00	19.11 -0.82 0.00	19.14 -0.92 0.00	19.73 -1.04 0.00	20.36 -0.96 -0.02	24.14 -1.03 -0.17	30.29 -1.69 -0.19	32.95 -1.73 -0.07	25.52 -1.17 -0.04	23.19 -0.82 -0.01	20.72 -0.64 0.00	17.96 -1.05 0.00
V_CMM_10_SYNC_DSASP 323787	15.92 -0.32 0.00	15.14 -0.34 0.00	14.10 -0.32 0.00	13.85 -0.28 0.00	14.27 -0.32 0.00	15.65 -0.30 0.00	21.26 -0.52 0.00	23.65 -0.61 0.00	23.55 -0.58 0.00	20.83 -0.51 0.00	20.85 -0.40 0.00	20.46 -0.37 0.00	19.34 -0.39 0.00	19.53 -0.40 0.00	19.70 -0.36 0.00	20.37 -0.40 0.00	20.85 -0.45 0.00	24.39 -0.60 0.00	31.02 -0.76 0.00	33.79 -0.83 0.00	25.96 -0.69 0.00	23.32 -0.67 0.00	20.81 -0.56 0.00	18.65 -0.36 0.00
V_CMP_10_SYNC_DSASP 323788	15.96 -0.29 0.00	15.14 -0.34 0.00	14.10 -0.32 0.00	13.89 -0.24 0.00	14.28 -0.31 0.00	15.72 -0.24 0.00	21.47 -0.30 0.00	24.14 -0.12 0.00	24.13 0.00 0.00	21.36 0.02 0.00	21.42 0.17 0.00	20.96 0.13 0.00	19.75 0.02 0.00	19.97 0.04 0.00	20.22 0.16 0.00	20.89 0.13 0.00	21.51 0.21 0.00	25.24 0.25 0.00	32.07 0.29 0.00	34.86 0.24 0.00	26.68 0.03 0.00	23.85 -0.14 0.00	21.15 -0.21 0.00	18.93 -0.08 0.00
V_E_10_SYNC_DSASP 323830	17.29 0.93 -0.12	16.37 0.88 0.00	15.17 0.75 0.00	14.89 0.76 0.00	15.49 0.90 0.00	17.00 1.01 -0.04	23.94 1.74 -0.41	27.59 2.23 -1.10	26.31 2.05 -0.13	23.18 1.84 0.00	22.85 1.59 0.00	22.17 1.33 0.00	20.90 1.16 0.00	21.04 1.12 0.00	21.09 1.02 0.00	21.84 1.08 0.00	22.73 1.34 -0.09	27.83 2.00 -0.84	35.48 2.76 -0.94	37.91 2.98 -0.32	29.16 2.32 -0.19	26.07 2.02 -0.06	23.09 1.73 0.00	20.19 1.18 0.00
V_F_30_NSYNC___DSASP 323816	17.93 0.96 -0.72	16.41 0.93 0.00	15.27 0.85 0.00	14.96 0.83 0.00	15.45 0.86 0.00	17.16 0.96 -0.24	26.01 1.40 -2.84	32.92 1.65 -7.01	27.04 1.62 -1.29	23.46 1.39 -0.73	23.12 1.25 -0.62	22.33 1.23 -0.26	21.35 1.12 -0.49	21.39 1.16 -0.30	21.67 1.18 -0.42	22.73 1.29 -0.68	24.27 1.34 -1.63	31.69 1.58 -5.13	39.59 2.10 -5.71	39.53 2.25 -2.67	29.60 1.79 -1.17	25.84 1.49 -0.36	22.58 1.22 0.00	20.15 1.14 0.00

V_F_30_SYNC_DSASP 323786	17.40 0.44 -0.71	15.92 0.43 0.00	14.86 0.45 0.00	14.57 0.44 0.00	15.04 0.45 0.00	16.72 0.53 -0.24	25.28 0.70 -2.81	32.00 0.82 -6.92	26.27 0.84 -1.30	22.77 0.66 -0.77	22.49 0.60 -0.64	21.67 0.56 -0.27	20.79 0.55 -0.51	20.82 0.58 -0.32	21.13 0.62 -0.44	22.16 0.69 -0.71	23.73 0.77 -1.67	30.94 0.90 -5.05	38.54 1.14 -5.62	38.49 1.21 -2.66	28.73 0.93 -1.15	25.06 0.72 -0.35	21.94 0.58 0.00	19.52 0.51 0.00
V_XM_10_SYNC_DSASP 323789	15.96 -0.29 0.00	15.14 -0.34 0.00	14.10 -0.32 0.00	13.89 -0.24 0.00	14.28 -0.31 0.00	15.72 -0.24 0.00	21.47 -0.30 0.00	24.14 -0.12 0.00	24.13 0.00 0.00	21.36 0.02 0.00	21.42 0.17 0.00	20.96 0.13 0.00	19.75 0.02 0.00	19.97 0.04 0.00	20.22 0.16 0.00	20.89 0.13 0.00	21.51 0.21 0.00	25.24 0.25 0.00	32.07 0.29 0.00	34.86 0.24 0.00	26.68 0.03 0.00	23.85 -0.14 0.00	21.15 -0.21 0.00	18.93 -0.08 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	17.90 1.10 -0.55	16.49 1.01 0.00	15.32 0.91 0.00	15.03 0.90 0.00	15.49 0.90 0.00	17.23 1.08 -0.19	26.17 1.61 -2.78	32.28 1.94 -6.08	28.12 1.88 -2.11	25.27 1.64 -2.29	25.06 1.62 -2.19	23.21 1.56 -0.81	22.74 1.50 -1.51	22.40 1.53 -0.93	22.93 1.56 -1.30	24.46 1.60 -2.09	26.82 1.70 -3.82	30.90 2.00 -3.92	38.65 2.51 -4.36	41.15 2.80 -3.73	29.65 2.11 -0.89	26.06 1.80 -0.27	22.97 1.60 0.00	20.28 1.27 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	18.04 1.20 -0.59	16.57 1.08 0.00	15.41 0.99 0.00	15.10 0.97 0.00	15.56 0.98 0.00	17.37 1.21 -0.20	26.40 1.89 -2.73	32.74 2.28 -6.20	28.15 2.20 -1.83	25.12 1.98 -1.80	24.91 1.91 -1.74	23.33 1.85 -0.64	22.70 1.78 -1.20	22.46 1.79 -0.74	22.90 1.81 -1.03	24.29 1.87 -1.66	26.34 1.94 -3.11	31.38 2.22 -4.17	39.15 2.73 -4.64	41.01 3.05 -3.34	29.92 2.32 -0.95	26.30 2.02 -0.29	23.16 1.79 0.00	20.44 1.43 0.00
W50THST__13_KV_LOAD 356117	18.10 1.27 -0.59	16.63 1.15 0.00	15.45 1.04 0.00	15.16 1.03 0.00	15.61 1.02 0.00	17.43 1.28 -0.20	26.51 2.00 -2.73	32.86 2.40 -6.20	28.30 2.34 -1.83	25.25 2.11 -1.80	25.03 2.04 -1.74	23.45 1.98 -0.64	22.80 1.87 -1.20	22.58 1.91 -0.74	23.02 1.93 -1.03	24.42 1.99 -1.66	26.47 2.07 -3.11	31.53 2.37 -4.17	39.31 2.89 -4.64	41.14 3.18 -3.34	30.03 2.43 -0.95	26.39 2.11 -0.29	23.24 1.88 0.00	20.51 1.50 0.00
WADING RIVER_IC_1 23522	20.87 1.69 -2.93	17.13 1.52 -0.12	15.87 1.33 -0.12	15.48 1.31 -0.04	16.10 1.39 -0.12	20.55 1.66 -2.94	27.23 2.37 -3.07	35.83 2.74 -8.83	34.58 3.31 -7.14	38.03 2.95 -13.75	40.38 2.72 -16.40	28.01 2.67 -4.51	27.54 2.58 -5.22	28.05 2.61 -5.51	32.28 2.67 -9.55	36.82 2.78 -13.28	37.18 2.92 -12.96	37.93 3.22 -9.71	44.81 4.10 -8.93	43.00 4.36 -4.02	43.43 3.49 -13.29	35.39 3.10 -8.30	27.98 2.65 -3.96	21.28 2.15 -0.12
WADING RIVER_IC_2 23547	20.87 1.69 -2.93	17.13 1.52 -0.12	15.87 1.33 -0.12	15.48 1.31 -0.04	16.10 1.39 -0.12	20.55 1.66 -2.94	27.23 2.37 -3.07	35.83 2.74 -8.83	34.58 3.31 -7.14	38.03 2.95 -13.75	40.38 2.72 -16.40	28.01 2.67 -4.51	27.54 2.58 -5.22	28.05 2.61 -5.51	32.28 2.67 -9.55	36.82 2.78 -13.28	37.18 2.92 -12.96	37.93 3.22 -9.71	44.81 4.10 -8.93	43.00 4.36 -4.02	43.43 3.49 -13.29	35.39 3.10 -8.30	27.98 2.65 -3.96	21.28 2.15 -0.12
WADING RIVER_IC_3 23601	20.87 1.69 -2.93	17.13 1.52 -0.12	15.87 1.33 -0.12	15.48 1.31 -0.04	16.10 1.39 -0.12	20.55 1.66 -2.94	27.23 2.37 -3.07	35.83 2.74 -8.83	34.58 3.31 -7.14	38.03 2.95 -13.75	40.38 2.72 -16.40	28.01 2.67 -4.51	27.54 2.58 -5.22	28.05 2.61 -5.51	32.28 2.67 -9.55	36.82 2.78 -13.28	37.18 2.92 -12.96	37.93 3.22 -9.71	44.81 4.10 -8.93	43.00 4.36 -4.02	43.43 3.49 -13.29	35.39 3.10 -8.30	27.98 2.65 -3.96	21.28 2.15 -0.12
WALDENNY_12_KV_BK2 80841	15.67 -0.60 -0.03	15.19 -0.29 0.00	14.26 -0.16 0.00	13.89 -0.24 0.00	14.48 -0.10 0.00	15.29 -0.67 -0.01	21.16 -0.72 -0.10	23.67 -0.85 -0.26	23.58 -0.58 -0.03	21.28 -0.06 0.00	20.96 -0.30 0.00	20.54 -0.29 0.00	19.54 -0.20 0.00	19.65 -0.28 0.00	19.68 -0.38 0.00	20.16 -0.60 0.00	20.83 -0.49 -0.02	24.77 -0.42 -0.20	31.02 -0.99 -0.22	33.79 -0.90 -0.08	26.17 -0.53 -0.05	23.67 -0.34 -0.01	21.21 -0.15 0.00	18.34 -0.67 0.00
WALDEN__HYDRO 24148	17.89 1.09 -0.55	16.48 0.99 0.00	15.31 0.89 0.00	15.00 0.88 0.00	15.48 0.89 0.00	17.16 1.02 -0.19	26.01 1.50 -2.73	32.09 1.80 -6.04	27.89 1.76 -2.00	24.95 1.49 -2.12	24.76 1.49 -2.01	23.01 1.42 -0.75	22.52 1.38 -1.41	22.22 1.42 -0.87	22.71 1.42 -1.22	24.15 1.43 -1.96	26.41 1.55 -3.56	30.75 1.82 -3.94	38.55 2.38 -4.39	40.82 2.63 -3.57	29.49 1.94 -0.90	25.92 1.65 -0.27	22.86 1.49 0.00	20.17 1.16 0.00
WARRENSBURG____ 23737	18.14 1.17 -0.72	16.61 1.13 0.00	15.44 1.02 0.00	15.15 1.02 0.00	15.65 1.06 0.00	17.36 1.16 -0.24	26.36 1.74 -2.84	33.34 2.06 -7.02	27.42 2.00 -1.29	23.84 1.77 -0.73	23.46 1.59 -0.62	22.66 1.56 -0.26	21.50 1.28 -0.49	21.57 1.34 -0.30	21.83 1.34 -0.42	22.91 1.47 -0.68	24.37 1.45 -1.62	31.82 1.70 -5.13	39.94 2.45 -5.72	39.91 2.63 -2.66	29.98 2.16 -1.17	26.15 1.80 -0.36	22.82 1.45 0.00	20.44 1.43 0.00
WATERSIDE____6 8 9 23538	18.08 1.25 -0.59	16.61 1.13 0.00	15.45 1.04 0.00	15.15 1.02 0.00	15.61 1.02 0.00	17.41 1.26 -0.20	26.42 1.92 -2.73	33.84 2.28 -7.30	96.82 2.24 -70.44	28.09 2.01 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.85 -7.78	27.03 1.91 -4.36	26.57 1.98 -3.29	67.88 2.27 -40.62	39.21 2.80 -4.64	41.04 3.08 -3.34	29.97 2.37 -0.95	26.35 2.06 -0.29	23.22 1.86 0.00	20.49 1.48 0.00
WATKINRD_115KV_LN8_ILLION 55919	16.46 0.21 0.00	15.69 0.20 0.00	14.59 0.17 0.00	14.31 0.18 0.00	14.78 0.19 0.00	16.19 0.24 0.00	22.15 0.37 0.00	24.60 0.34 0.00	24.44 0.31 0.00	21.62 0.28 0.00	21.49 0.23 0.00	21.04 0.21 0.00	19.93 0.20 0.00	20.15 0.22 0.00	20.28 0.22 0.00	21.01 0.25 0.00	21.62 0.32 0.00	25.41 0.42 0.00	32.32 0.54 0.00	35.21 0.59 0.00	27.11 0.45 0.00	24.38 0.38 0.00	21.75 0.38 0.00	19.31 0.30 0.00
WATSON__69_KV_BK 1 55734	19.06 1.40 -1.42	16.81 1.29 -0.04	15.57 1.11 -0.04	15.29 1.14 -0.01	15.80 1.17 -0.04	18.56 1.44 -1.17	26.74 2.11 -2.85	33.63 2.26 -7.11	30.69 2.85 -3.72	29.87 2.48 -6.06	30.54 2.32 -6.97	25.12 2.27 -2.01	24.55 2.19 -2.63	24.67 2.29 -2.45	26.45 2.31 -4.08	28.93 2.37 -5.80	30.46 2.53 -6.63	33.98 2.90 -6.09	41.62 3.72 -6.12	42.04 3.84 -3.58	34.96 3.09 -5.22	30.79 2.71 -4.08	25.16 2.39 -1.41	20.97 1.92 -0.04
WDELAWARE__HYD 323627	17.96 1.19 -0.52	16.57 1.08 0.00	15.37 0.95 0.00	15.09 0.96 0.00	15.56 0.98 0.00	17.22 1.09 -0.18	25.24 1.59 -1.87	30.94 1.82 -4.86	26.50 1.79 -0.59	22.84 1.49 0.00	22.78 1.49 -0.04	22.25 1.42 0.00	21.11 1.38 0.00	21.32 1.39 0.00	21.47 1.40 0.00	22.19 1.43 0.00	23.24 1.55 -0.39	30.58 1.88 -3.72	38.37 2.45 -4.14	38.73 2.70 -1.41	29.47 1.97 -0.85	25.96 1.70 -0.26	22.97 1.60 0.00	20.24 1.23 0.00



WEST BABYLON___IC 23714	18.52 1.48 -0.80	16.84 1.35 -0.01	15.61 1.18 -0.01	15.28 1.14 0.00	15.84 1.24 -0.01	17.92 1.52 -0.44	26.74 2.20 -2.76	33.04 2.38 -6.41	29.38 2.94 -2.31	26.81 2.58 -2.89	26.78 2.44 -3.09	24.20 2.38 -0.98	23.60 2.31 -1.56	23.51 2.39 -1.19	24.30 2.41 -1.82	25.96 2.47 -2.72	27.94 2.62 -4.02	32.59 3.00 -4.60	40.57 3.81 -4.98	41.99 3.98 -3.39	31.77 3.20 -1.92	29.15 2.81 -2.35	24.20 2.48 -0.36	21.02 2.00 -0.01
WEST CANADA___HYD 24049	16.30 0.05 0.00	15.53 0.05 0.00	14.45 0.03 0.00	14.17 0.04 0.00	14.63 0.04 0.00	16.02 0.06 0.00	21.89 0.11 0.00	24.36 0.10 0.00	24.20 0.07 0.00	21.41 0.06 0.00	21.28 0.02 0.00	20.86 0.02 0.00	19.75 0.02 0.00	19.97 0.04 0.00	20.10 0.04 0.00	20.80 0.04 0.00	21.38 0.09 0.00	25.09 0.10 0.00	31.91 0.13 0.00	34.76 0.14 0.00	26.79 0.13 0.00	24.11 0.12 0.00	21.47 0.11 0.00	19.07 0.06 0.00
WESTERN_NY_WIND 24143	15.73 -0.54 -0.02	15.21 -0.28 0.00	14.26 -0.16 0.00	13.90 -0.23 0.00	14.48 -0.10 0.00	15.39 -0.57 -0.01	21.21 -0.65 -0.08	23.86 -0.63 -0.23	23.77 -0.39 -0.03	21.41 0.06 0.00	21.11 -0.15 0.00	20.65 -0.19 0.00	19.57 -0.16 0.00	19.61 -0.32 0.00	19.64 -0.42 0.00	20.24 -0.52 0.00	20.93 -0.38 -0.02	24.89 -0.27 -0.17	31.40 -0.57 -0.19	34.16 -0.52 -0.07	26.34 -0.35 -0.04	23.91 -0.10 -0.01	21.32 -0.04 0.00	18.46 -0.55 0.00
WESTOVER___LESR 323668	16.24 -0.06 -0.06	15.50 0.02 0.00	14.46 0.04 0.00	14.13 0.00 0.00	14.67 0.09 0.00	15.86 -0.11 -0.02	22.03 0.04 -0.21	25.02 0.19 -0.57	24.44 0.24 -0.07	21.75 0.41 0.00	21.49 0.23 0.00	20.98 0.15 0.00	19.87 0.14 0.00	20.01 0.08 0.00	20.08 0.02 0.00	20.72 -0.04 0.00	21.39 0.04 -0.05	25.65 0.22 -0.44	32.46 0.19 -0.48	35.06 0.28 -0.17	26.99 0.24 -0.10	24.26 0.24 -0.03	21.62 0.26 0.00	18.97 -0.04 0.00
WETHRSFD_WT_PWR 323626	15.64 -0.63 -0.03	15.11 -0.37 0.00	14.17 -0.25 0.00	13.82 -0.31 0.00	14.41 -0.17 0.00	15.30 -0.67 -0.01	21.19 -0.70 -0.11	23.83 -0.73 -0.30	23.66 -0.51 -0.04	21.28 -0.06 0.00	20.91 -0.34 0.00	20.44 -0.40 0.00	19.42 -0.32 0.00	19.45 -0.48 0.00	19.48 -0.58 0.00	20.08 -0.68 0.00	20.77 -0.55 -0.02	24.79 -0.42 -0.23	31.14 -0.89 -0.25	33.87 -0.83 -0.09	26.23 -0.48 -0.05	23.72 -0.29 -0.02	21.17 -0.19 0.00	18.44 -0.57 0.00
WHAVSTOR_138KV_BK127 55557	17.85 1.06 -0.55	16.44 0.96 0.00	15.28 0.86 0.00	14.99 0.86 0.00	15.45 0.86 0.00	17.19 1.05 -0.19	26.12 1.57 -2.77	32.21 1.87 -6.08	28.06 1.83 -2.10	25.23 1.62 -2.27	24.99 1.57 -2.17	23.16 1.52 -0.80	22.72 1.48 -1.51	22.38 1.51 -0.93	22.89 1.52 -1.30	24.41 1.56 -2.09	26.72 1.64 -3.78	30.81 1.90 -3.92	38.56 2.42 -4.37	41.00 2.67 -3.71	29.57 2.03 -0.89	25.99 1.73 -0.27	22.90 1.54 0.00	20.23 1.22 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	17.85 1.06 -0.55	16.44 0.96 0.00	15.28 0.86 0.00	14.99 0.86 0.00	15.45 0.86 0.00	17.19 1.05 -0.19	26.12 1.57 -2.77	32.21 1.87 -6.08	28.06 1.83 -2.10	25.23 1.62 -2.27	24.99 1.57 -2.17	23.16 1.52 -0.80	22.72 1.48 -1.51	22.38 1.51 -0.93	22.89 1.52 -1.30	24.41 1.56 -2.09	26.72 1.64 -3.78	30.81 1.90 -3.92	38.56 2.42 -4.37	41.00 2.67 -3.71	29.57 2.03 -0.89	25.99 1.73 -0.27	22.90 1.54 0.00	20.23 1.22 0.00
WHITEHAL_115KV_TB1 80871	18.43 1.46 -0.72	16.89 1.41 0.00	15.70 1.28 0.00	15.37 1.24 0.00	15.91 1.33 0.00	17.63 1.44 -0.24	26.82 2.20 -2.84	33.89 2.62 -7.02	27.98 2.56 -1.29	24.36 2.28 -0.73	23.91 2.04 -0.62	23.10 2.00 -0.26	21.90 1.68 -0.49	21.95 1.71 -0.30	22.21 1.73 -0.42	23.31 1.87 -0.68	24.84 1.92 -1.63	32.32 2.20 -5.13	40.55 3.05 -5.71	40.60 3.32 -2.66	30.54 2.72 -1.17	26.60 2.26 -0.36	23.14 1.77 0.00	20.82 1.81 0.00
WHITEPLN_13_KV_LOAD 356215	18.10 1.27 -0.58	16.63 1.15 0.00	15.47 1.05 0.00	15.17 1.05 0.00	15.62 1.04 0.00	17.46 1.31 -0.20	26.45 1.94 -2.73	32.63 2.18 -6.19	28.12 2.15 -1.85	25.09 1.92 -1.83	24.87 1.85 -1.77	23.30 1.81 -0.65	22.69 1.74 -1.22	22.46 1.77 -0.75	22.90 1.79 -1.05	24.30 1.85 -1.69	26.33 1.87 -3.15	31.33 2.20 -4.15	39.19 2.80 -4.62	41.07 3.08 -3.37	29.91 2.32 -0.94	26.27 1.99 -0.29	23.26 1.90 0.00	20.51 1.50 0.00
WM_FLOYD_69_KV_BK2 356380	20.75 1.61 -2.90	17.11 1.50 -0.12	15.86 1.33 -0.12	15.43 1.26 -0.04	16.08 1.37 -0.12	20.50 1.64 -2.90	27.22 2.37 -3.07	35.65 2.60 -8.80	34.40 3.21 -7.07	37.72 2.80 -13.58	40.09 2.64 -16.20	27.88 2.58 -4.46	27.41 2.51 -5.17	27.95 2.57 -5.45	32.09 2.59 -9.43	36.56 2.68 -13.12	36.96 2.83 -12.83	37.82 3.20 -9.63	44.61 3.97 -8.86	42.85 4.22 -4.01	43.12 3.36 -13.11	35.21 3.00 -8.21	27.90 2.63 -3.91	21.28 2.15 -0.12
WOODARD___115KV_TB2 355635	16.12 -0.15 -0.01	15.38 -0.11 0.00	14.32 -0.10 0.00	14.00 -0.13 0.00	14.48 -0.10 0.00	15.77 -0.19 -0.01	21.70 -0.13 -0.05	24.46 0.05 -0.15	24.20 0.05 -0.02	21.49 0.15 0.00	21.30 0.04 0.00	20.82 -0.02 0.00	19.71 -0.02 0.00	19.87 -0.06 0.00	19.96 -0.10 0.00	20.62 -0.15 0.00	21.20 -0.11 -0.01	25.06 -0.05 -0.12	31.85 -0.06 -0.13	34.63 -0.03 -0.04	26.65 -0.03 -0.03	24.05 0.05 -0.01	21.41 0.04 0.00	18.95 -0.06 0.00
YORK___WARBASSE 23770	18.08 1.25 -0.59	16.61 1.13 0.00	15.45 1.04 0.00	15.15 1.02 0.00	15.61 1.02 0.00	17.40 1.24 -0.20	26.40 1.89 -2.73	33.84 2.28 -7.30	96.79 2.22 -70.44	28.07 1.98 -4.74	30.32 1.93 -7.13	34.35 1.88 -11.64	33.78 1.80 -12.26	32.61 1.83 -10.85	29.69 1.85 -7.78	27.01 1.89 -4.36	26.53 1.94 -3.29	67.86 2.25 -40.62	39.21 2.80 -4.64	41.01 3.05 -3.34	30.00 2.40 -0.95	26.39 2.11 -0.29	23.22 1.86 0.00	20.51 1.50 0.00