

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/21/2025

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	29.89	27.39	24.94	23.63	23.33	23.83	26.95	26.41	25.07	20.97	20.32	20.83	21.46	23.22	23.29	27.37	32.37	43.51	51.17	46.80	44.47	35.46	30.36	27.26
24138	1.26	1.10	0.98	0.89	0.90	0.92	1.11	1.09	1.13	1.02	1.00	0.99	1.10	1.13	1.17	1.33	1.60	1.99	2.30	1.97	2.24	1.78	1.45	1.25
	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
74TH STREET_GT_1	29.89	27.39	24.94	23.65	23.33	23.83	26.95	26.41	25.05	20.97	20.32	20.83	21.46	23.22	23.27	27.34	32.34	43.51	51.17	46.80	44.47	35.46	30.36	27.26
24260	1.26	1.10	0.98	0.91	0.90	0.92	1.11	1.09	1.10	1.02	1.00	0.99	1.10	1.13	1.15	1.30	1.57	1.99	2.30	1.97	2.24	1.78	1.45	1.25
	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
74TH STREET_GT_2	29.89	27.39	24.94	23.65	23.33	23.83	26.95	26.41	25.05	20.97	20.32	20.83	21.46	23.22	23.27	27.34	32.34	43.51	51.17	46.80	44.47	35.46	30.36	27.26
24261	1.26	1.10	0.98	0.91	0.90	0.92	1.11	1.09	1.10	1.02	1.00	0.99	1.10	1.13	1.15	1.30	1.57	1.99	2.30	1.97	2.24	1.78	1.45	1.25
	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
ADK HUDSON___FALLS	30.10	27.63	25.25	23.97	23.60	24.11	27.18	26.48	24.79	20.55	19.59	19.96	20.40	22.20	22.32	26.43	31.54	43.22	51.47	47.43	44.59	35.53	30.45	27.26
24011	1.46	1.34	1.29	1.23	1.17	1.19	1.34	1.16	0.84	0.60	0.27	0.12	0.04	0.11	0.20	0.39	0.77	1.70	2.59	2.60	2.36	1.85	1.53	1.25
	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
ADK RESOURCE___RCVRY	30.21	27.74	25.35	24.06	23.67	24.17	27.26	26.58	24.86	20.59	19.61	19.96	20.40	22.20	22.32	26.46	31.63	43.38	51.61	47.70	44.80	35.69	30.56	27.36
23798	1.57	1.44	1.39	1.32	1.23	1.26	1.42	1.27	0.91	0.64	0.29	0.12	0.04	0.11	0.20	0.42	0.86	1.87	2.74	2.87	2.58	2.02	1.65	1.35
	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
ADK S GLENS___FALLS	30.10	27.63	25.25	23.97	23.60	24.11	27.18	26.48	24.79	20.55	19.59	19.96	20.40	22.20	22.32	26.43	31.54	43.22	51.47	47.43	44.59	35.53	30.45	27.26
24028	1.46	1.34	1.29	1.23	1.17	1.19	1.34	1.16	0.84	0.60	0.27	0.12	0.04	0.11	0.20	0.39	0.77	1.70	2.59	2.60	2.36	1.85	1.53	1.25
	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
ADK_NYS___DAM	29.61	27.16	24.82	23.65	23.28	23.81	26.74	26.13	24.69	20.51	19.88	20.29	20.81	22.55	22.61	26.64	31.51	42.76	50.78	46.57	43.71	34.92	29.96	26.92
23527	0.97	0.87	0.86	0.91	0.85	0.89	0.90	0.81	0.74	0.56	0.56	0.46	0.45	0.46	0.49	0.60	0.74	1.24	1.90	1.75	1.48	1.25	1.04	0.91
	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
AIR_PRODUCTS___DRP	28.58	26.26	24.03	22.83	22.50	22.98	25.84	25.24	23.85	19.85	19.22	19.66	20.16	21.89	21.92	25.83	30.53	41.14	48.68	44.60	42.06	33.54	28.89	25.96
24190	-0.06	-0.03	0.07	0.09	0.07	0.07	0.00	-0.08	-0.10	-0.10	-0.10	-0.18	-0.20	-0.20	-0.20	-0.21	-0.25	-0.37	-0.20	-0.22	-0.17	-0.13	-0.03	-0.05
	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
AKWESSNE_115KV_BK	28.89	26.53	24.17	22.94	22.63	23.12	26.07	25.55	24.16	19.24	16.49	17.01	20.55	22.27	17.31	22.15	31.11	40.09	46.75	38.22	42.01	33.84	29.03	26.11
355683	0.26	0.24	0.22	0.20	0.20	0.21	0.23	0.23	0.22	0.18	0.21	0.22	0.20	0.18	0.24	0.26	0.34	0.42	0.29	0.36	0.13	0.17	0.12	0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.89	3.04	3.05	0.01	0.00	5.06	4.15	0.00	1.84	2.42	6.97	0.34	0.00	0.00	0.00
ALBANY_1_SOLAR	29.15	26.79	24.46	23.24	22.88	23.37	26.28	25.62	24.07	19.95	19.24	19.66	20.16	21.91	21.97	25.96	30.80	41.76	49.46	45.50	42.86	34.18	29.38	26.43
323833	0.52	0.50	0.50	0.50	0.45	0.46	0.44	0.30	0.12	0.00	-0.08	-0.18	-0.20	-0.18	-0.15	-0.08	0.03	0.25	0.59	0.67	0.63	0.51	0.46	0.41
	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_2_SOLAR	29.12	26.79	24.46	23.24	22.88	23.37	26.28	25.62	24.07	19.95	19.24	19.68	20.18	21.91	21.97	25.94	30.80	41.76	49.46	45.45	42.86	34.18	29.38	26.40
323834	0.49	0.50	0.50	0.50	0.45	0.46	0.44	0.30	0.12	0.00	-0.08	-0.16	-0.18	-0.18	-0.15	-0.10	0.03	0.25	0.59	0.63	0.63	0.51	0.46	0.39
	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	28.58	26.26	24.03	22.83	22.50	22.98	25.84	25.24	23.85	19.85	19.22	19.66	20.16	21.89	21.92	25.83	30.53	41.14	48.68	44.60	42.06	33.54	28.89	25.96
23571	-0.06	-0.03	0.07	0.09	0.07	0.07	0.00	-0.08	-0.10	-0.10	-0.10	-0.18	-0.20	-0.20	-0.20	-0.21	-0.25	-0.37	-0.20	-0.22	-0.17	-0.13	-0.03	-0.05
	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___2 23572	28.58 -0.06 0.00	26.26 -0.03 0.00	24.03 0.07 0.00	22.83 0.09 0.00	22.50 0.07 0.00	22.98 0.07 0.00	25.84 0.00 0.00	25.24 -0.08 0.00	23.85 -0.10 0.00	19.85 -0.10 0.00	19.22 -0.10 0.00	19.66 -0.18 0.00	20.16 -0.20 0.00	21.89 -0.20 0.00	21.92 -0.20 0.00	25.83 -0.21 0.00	30.53 -0.25 0.00	41.14 -0.37 0.00	48.68 -0.20 0.00	44.60 -0.22 0.00	42.06 -0.17 0.00	33.54 -0.13 0.00	28.89 -0.03 0.00	25.96 -0.05 0.00
ALBANY___3 23573	28.58 -0.06 0.00	26.26 -0.03 0.00	24.03 0.07 0.00	22.83 0.09 0.00	22.50 0.07 0.00	22.98 0.07 0.00	25.84 0.00 0.00	25.24 -0.08 0.00	23.85 -0.10 0.00	19.85 -0.10 0.00	19.22 -0.10 0.00	19.66 -0.18 0.00	20.16 -0.20 0.00	21.89 -0.20 0.00	21.92 -0.20 0.00	25.83 -0.21 0.00	30.53 -0.25 0.00	41.14 -0.37 0.00	48.68 -0.20 0.00	44.60 -0.22 0.00	42.06 -0.17 0.00	33.54 -0.13 0.00	28.89 -0.03 0.00	25.96 -0.05 0.00
ALBANY___4 23574	28.58 -0.06 0.00	26.26 -0.03 0.00	24.03 0.07 0.00	22.83 0.09 0.00	22.50 0.07 0.00	22.98 0.07 0.00	25.84 0.00 0.00	25.24 -0.08 0.00	23.85 -0.10 0.00	19.85 -0.10 0.00	19.22 -0.10 0.00	19.66 -0.18 0.00	20.16 -0.20 0.00	21.89 -0.20 0.00	21.92 -0.20 0.00	25.83 -0.21 0.00	30.53 -0.25 0.00	41.14 -0.37 0.00	48.68 -0.20 0.00	44.60 -0.22 0.00	42.06 -0.17 0.00	33.54 -0.13 0.00	28.89 -0.03 0.00	25.96 -0.05 0.00
ALBANY___LFGE 323615	28.84 0.20 0.00	26.50 0.21 0.00	24.22 0.26 0.00	23.01 0.27 0.00	22.66 0.22 0.00	23.14 0.23 0.00	26.02 0.18 0.00	25.44 0.13 0.00	24.02 0.07 0.00	19.99 0.04 0.00	19.31 0.00 0.00	19.76 -0.08 0.00	20.26 -0.10 0.00	22.00 -0.09 0.00	22.06 -0.07 0.00	26.01 -0.03 0.00	30.80 0.03 0.00	41.51 0.00 0.00	49.07 0.20 0.00	45.05 0.23 0.00	42.44 0.21 0.00	33.88 0.20 0.00	29.12 0.20 0.00	26.17 0.16 0.00
ALCOA_PA_115KV_PL-6C 55860	29.15 0.52 0.00	26.74 0.45 0.00	24.36 0.41 0.00	23.13 0.39 0.00	22.84 0.40 0.00	23.30 0.39 0.00	26.28 0.44 0.00	25.75 0.43 0.00	24.35 0.41 0.00	28.81 0.34 -8.52	48.66 0.37 -28.98	49.31 0.38 -29.10	20.80 0.33 -0.11	22.42 0.33 0.00	70.78 0.42 -48.24	66.04 0.44 -39.56	31.36 0.58 0.00	59.83 0.75 -17.57	72.65 0.68 -23.09	112.01 0.72 -66.46	45.95 0.46 -3.26	34.11 0.44 0.00	29.26 0.35 0.00	26.30 0.29 0.00
ALCOA_RYNLDS___DRP 24188	29.15 0.52 0.00	26.74 0.45 0.00	24.36 0.41 0.00	23.13 0.39 0.00	22.84 0.40 0.00	23.30 0.39 0.00	26.28 0.44 0.00	25.75 0.43 0.00	24.35 0.41 0.00	28.81 0.34 -8.52	48.66 0.37 -28.98	49.31 0.38 -29.10	20.80 0.33 -0.11	22.42 0.33 0.00	70.78 0.42 -48.24	66.04 0.44 -39.56	31.36 0.58 0.00	59.83 0.75 -17.57	72.65 0.68 -23.09	112.01 0.72 -66.46	45.95 0.46 -3.26	34.11 0.44 0.00	29.26 0.35 0.00	26.30 0.29 0.00
ALCOA___DSASP 323711	29.15 0.52 0.00	26.74 0.45 0.00	24.36 0.41 0.00	23.13 0.39 0.00	22.84 0.40 0.00	23.33 0.41 0.00	26.28 0.44 0.00	25.75 0.43 0.00	24.35 0.41 0.00	28.81 0.34 -8.52	48.66 0.37 -28.98	49.31 0.38 -29.10	20.80 0.32 -0.11	22.42 0.33 0.00	70.78 0.42 -48.24	66.04 0.44 -39.56	31.36 0.58 0.00	59.84 0.75 -17.57	72.79 0.83 -23.09	112.01 0.71 -66.46	45.96 0.47 -3.26	34.11 0.44 0.00	29.27 0.35 0.00	26.30 0.29 0.00
ALLEGHENY___COGEN 23514	28.92 0.29 0.00	26.61 0.32 0.00	24.20 0.24 0.00	22.92 0.18 0.00	22.70 0.27 0.00	23.10 0.18 0.00	26.44 0.59 0.00	25.90 0.58 0.00	24.24 0.29 0.00	19.99 0.04 0.00	19.26 -0.06 0.00	19.96 0.12 0.00	20.46 0.10 0.00	22.34 0.24 -0.01	22.30 0.18 0.00	24.55 0.29 1.78	32.04 0.49 -0.78	40.86 1.12 1.77	44.17 1.86 6.56	43.33 1.70 3.20	36.11 1.44 7.56	31.15 1.05 3.57	30.63 0.98 -0.73	27.21 1.01 -0.19
ALTAMONT_115KV_TB 2 55880	28.98 0.34 0.00	26.63 0.34 0.00	24.29 0.34 0.00	23.06 0.32 0.00	22.75 0.31 0.00	23.24 0.32 0.00	26.18 0.34 0.00	25.57 0.25 0.00	24.19 0.24 0.00	20.13 0.18 0.00	19.47 0.15 0.00	19.94 0.10 0.00	20.46 0.10 0.00	22.20 0.11 0.00	22.23 0.11 0.00	26.20 0.16 0.00	30.96 0.18 0.00	41.80 0.29 0.00	49.36 0.49 0.00	45.27 0.45 0.00	42.69 0.46 0.00	34.08 0.40 0.00	29.26 0.35 0.00	26.30 0.29 0.00
ALTONA_WT_PWR 323606	29.75 1.12 0.00	27.29 1.00 0.00	24.89 0.93 0.00	23.67 0.93 0.00	23.42 0.99 0.00	23.97 1.05 0.00	27.03 1.19 0.00	26.51 1.19 0.00	25.12 1.17 0.00	21.43 1.04 -0.44	21.89 1.06 -1.51	22.44 1.09 -1.52	21.49 1.12 -0.01	23.26 1.17 0.00	25.87 1.24 -2.51	29.46 1.35 -2.06	32.37 1.60 0.00	44.50 2.07 -0.92	52.23 2.15 -1.20	49.77 1.48 -3.46	43.16 0.76 -0.17	34.05 0.37 0.00	29.03 0.12 0.00	26.04 0.03 0.00
AMERICAN_REF_FUEL 24010	27.29 -1.35 0.00	25.32 -0.97 0.00	23.10 -0.86 0.00	21.76 -0.98 0.00	21.60 -0.83 0.00	21.72 -1.19 0.00	24.96 -0.88 0.00	24.51 -0.81 0.00	23.13 -0.81 0.00	19.43 -0.52 0.00	18.83 -0.48 0.00	19.66 -0.18 0.00	20.12 -0.24 0.00	21.77 -0.33 -0.01	21.33 -0.80 0.00	22.09 -1.17 2.78	29.23 -1.69 -0.15	35.66 -2.70 3.16	37.31 -3.37 8.19	36.83 -3.27 4.73	30.52 -2.49 9.22	26.65 -1.92 5.11	27.67 -1.39 -0.14	25.61 -0.57 -0.17
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.43 -1.20 0.00	25.37 -0.92 0.00	23.07 -0.89 0.00	21.67 -1.07 0.00	21.49 -0.94 0.00	21.56 -1.35 0.00	24.73 -1.11 0.00	24.28 -1.04 0.00	22.94 -1.00 0.00	19.31 -0.64 0.00	18.75 -0.56 0.00	19.68 -0.16 0.00	20.24 -0.12 0.00	22.19 0.09 -0.01	21.90 -0.22 0.00	23.40 -0.39 2.25	30.45 -0.77 -0.45	37.59 -1.49 2.43	39.36 -2.25 7.26	38.41 -2.51 3.91	31.86 -2.11 8.26	27.65 -1.75 4.28	28.01 -1.33 -0.42	25.46 -0.73 -0.17
ARTHUR KILL_GT_1 23520	22.93 1.29 6.99	21.01 1.13 6.41	19.51 1.01 5.45	18.46 0.91 5.19	17.96 0.92 5.40	18.56 0.89 5.25	19.60 1.06 7.30	20.30 1.04 6.06	20.10 1.05 4.90	16.75 1.00 4.20	14.94 0.99 5.36	16.17 0.99 4.66	14.41 1.10 7.05	16.04 1.13 7.17	19.87 1.15 3.40	20.88 1.30 6.46	23.39 1.60 8.99	23.84 2.12 19.79	24.38 2.35 26.84	24.09 1.97 22.71	23.97 2.36 20.62	23.70 1.82 11.79	23.43 1.50 7.00	23.39 1.30 3.93
ARTHUR_KILL_2 23512	22.85 1.20 6.99	20.98 1.10 6.41	19.46 0.96 5.45	18.43 0.89 5.19	17.89 0.85 5.40	18.49 0.82 5.25	19.45 0.90 7.30	20.22 0.96 6.06	20.03 0.98 4.90	16.71 0.96 4.20	14.90 0.95 5.36	16.11 0.93 4.66	14.34 1.04 7.05	15.98 1.06 7.17	19.81 1.08 3.40	20.83 1.25 6.46	23.29 1.51 8.99	23.96 2.24 19.79	24.38 2.35 26.84	23.91 1.79 22.71	23.97 2.36 20.62	23.57 1.68 11.79	23.31 1.39 7.00	23.31 1.22 3.93
ARTHUR_KILL_3 23513	22.61 0.97 7.00	20.71 0.84 6.42	19.24 0.74 5.46	18.22 0.68 5.20	17.70 0.67 5.40	18.36 0.69 5.24	19.30 0.75 7.29	20.10 0.83 6.05	19.92 0.86 4.89	16.56 0.80 4.19	14.77 0.81 5.36	15.98 0.79 4.65	14.19 0.87 7.05	15.83 0.91 7.16	19.66 0.93 3.39	20.66 1.07 6.45	23.04 1.26 8.99	23.29 1.58 19.80	23.59 1.56 26.85	23.58 1.48 22.72	23.33 1.73 20.63	23.29 1.41 11.80	23.04 1.13 7.00	23.07 0.99 3.93

[illegible]

ASTORIA_GT4_4 24105	29.92 1.29 0.00	27.45 1.16 0.00	25.01 1.05 0.00	23.69 0.96 0.00	23.37 0.94 0.00	23.76 0.85 0.00	26.80 0.96 0.00	26.15 0.84 0.00	24.83 0.89 0.00	20.83 0.88 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.38 1.02 0.00	23.06 0.97 0.00	23.12 1.00 0.00	27.13 1.09 0.00	32.06 1.29 0.00	43.13 1.62 0.00	50.73 1.86 0.00	46.35 1.52 0.00	44.09 1.86 0.00	35.26 1.58 0.00	30.33 1.42 0.00	27.34 1.33 0.00
ASTORIA_GT_1 23523	29.98 1.35 0.00	27.50 1.21 0.00	25.03 1.08 0.00	23.74 1.00 0.00	23.42 0.99 0.00	23.81 0.89 0.00	26.85 1.01 0.00	26.20 0.89 0.00	24.88 0.93 0.00	20.87 0.92 0.00	20.26 0.95 0.00	20.77 0.93 0.00	21.42 1.06 0.00	23.11 1.02 0.00	23.16 1.04 0.00	27.16 1.12 0.00	32.13 1.35 0.00	43.22 1.70 0.00	50.83 1.95 0.00	46.44 1.61 0.00	44.21 1.98 0.00	35.29 1.62 0.00	30.39 1.47 0.00	27.39 1.38 0.00
ASTORIA_GT_10 24110	29.81 1.17 0.00	27.34 1.05 0.00	24.89 0.93 0.00	23.58 0.84 0.00	23.28 0.85 0.00	23.74 0.82 0.00	26.80 0.96 0.00	26.23 0.91 0.00	24.88 0.93 0.00	20.85 0.90 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.36 1.00 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.19 1.15 0.00	32.13 1.35 0.00	43.26 1.74 0.00	50.83 1.95 0.00	46.48 1.66 0.00	44.17 1.94 0.00	35.22 1.55 0.00	30.25 1.33 0.00	27.18 1.17 0.00
ASTORIA_GT_11 24225	29.81 1.17 0.00	27.34 1.05 0.00	24.89 0.93 0.00	23.58 0.84 0.00	23.28 0.85 0.00	23.74 0.82 0.00	26.80 0.96 0.00	26.23 0.91 0.00	24.88 0.93 0.00	20.85 0.90 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.36 1.00 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.19 1.15 0.00	32.13 1.35 0.00	43.26 1.74 0.00	50.83 1.95 0.00	46.48 1.66 0.00	44.17 1.94 0.00	35.22 1.55 0.00	30.25 1.33 0.00	27.18 1.17 0.00
ASTORIA_GT_12 24226	29.81 1.17 0.00	27.34 1.05 0.00	24.89 0.93 0.00	23.58 0.84 0.00	23.28 0.85 0.00	23.74 0.82 0.00	26.80 0.96 0.00	26.23 0.91 0.00	24.88 0.93 0.00	20.85 0.90 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.36 1.00 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.19 1.15 0.00	32.13 1.35 0.00	43.26 1.74 0.00	50.83 1.95 0.00	46.48 1.66 0.00	44.17 1.94 0.00	35.22 1.55 0.00	30.25 1.33 0.00	27.18 1.17 0.00
ASTORIA_GT_13 24227	29.81 1.17 0.00	27.34 1.05 0.00	24.89 0.93 0.00	23.58 0.84 0.00	23.28 0.85 0.00	23.74 0.82 0.00	26.80 0.96 0.00	26.23 0.91 0.00	24.88 0.93 0.00	20.85 0.90 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.36 1.00 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.19 1.15 0.00	32.13 1.35 0.00	43.26 1.74 0.00	50.83 1.95 0.00	46.48 1.66 0.00	44.17 1.94 0.00	35.22 1.55 0.00	30.25 1.33 0.00	27.18 1.17 0.00
ASTORIA_GT_5 24106	29.98 1.35 0.00	27.50 1.21 0.00	25.03 1.08 0.00	23.74 1.00 0.00	23.42 0.99 0.00	23.81 0.89 0.00	26.85 1.01 0.00	26.20 0.89 0.00	24.88 0.93 0.00	20.87 0.92 0.00	20.26 0.95 0.00	20.77 0.93 0.00	21.42 1.06 0.00	23.11 1.02 0.00	23.16 1.04 0.00	27.16 1.12 0.00	32.13 1.35 0.00	43.22 1.70 0.00	50.83 1.95 0.00	46.44 1.61 0.00	44.21 1.98 0.00	35.29 1.62 0.00	30.39 1.47 0.00	27.39 1.38 0.00
ASTORIA_GT_7 24107	29.98 1.35 0.00	27.50 1.21 0.00	25.03 1.08 0.00	23.74 1.00 0.00	23.42 0.99 0.00	23.81 0.89 0.00	26.85 1.01 0.00	26.20 0.89 0.00	24.88 0.93 0.00	20.87 0.92 0.00	20.26 0.95 0.00	20.77 0.93 0.00	21.42 1.06 0.00	23.11 1.02 0.00	23.16 1.04 0.00	27.16 1.12 0.00	32.13 1.35 0.00	43.22 1.70 0.00	50.83 1.95 0.00	46.44 1.61 0.00	44.21 1.98 0.00	35.29 1.62 0.00	30.39 1.47 0.00	27.39 1.38 0.00
ASTORIA_GT_8 24108	29.98 1.35 0.00	27.50 1.21 0.00	25.03 1.08 0.00	23.74 1.00 0.00	23.42 0.99 0.00	23.81 0.89 0.00	26.85 1.01 0.00	26.20 0.89 0.00	24.88 0.93 0.00	20.87 0.92 0.00	20.26 0.95 0.00	20.77 0.93 0.00	21.42 1.06 0.00	23.11 1.02 0.00	23.16 1.04 0.00	27.16 1.12 0.00	32.13 1.35 0.00	43.22 1.70 0.00	50.83 1.95 0.00	46.44 1.61 0.00	44.21 1.98 0.00	35.29 1.62 0.00	30.39 1.47 0.00	27.39 1.38 0.00
ASTORIA___2 24149	29.93 1.29 -0.01	27.59 1.29 -0.01	25.07 1.10 -0.01	23.77 1.02 -0.01	23.43 0.99 -0.01	23.76 0.85 0.00	26.69 0.85 0.00	26.15 0.83 0.00	24.83 0.89 0.01	20.82 0.88 0.01	20.21 0.91 0.01	20.73 0.89 0.00	21.38 1.02 0.00	23.05 0.97 0.01	23.11 1.00 0.01	27.13 1.09 0.01	32.06 1.29 0.01	43.29 1.78 0.01	50.68 1.81 0.01	46.34 1.52 0.01	44.16 1.94 0.01	35.22 1.55 0.00	30.31 1.39 0.00	27.34 1.33 0.00
ASTORIA___3 23516	29.81 1.17 0.00	27.37 1.08 0.00	24.92 0.96 0.00	23.63 0.89 0.00	23.28 0.85 0.00	23.74 0.82 0.00	26.69 0.85 0.00	26.23 0.91 0.00	24.88 0.93 0.00	20.85 0.90 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.36 1.00 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.18 1.14 0.00	32.12 1.35 0.00	43.38 1.87 0.00	50.83 1.96 0.00	46.44 1.61 0.00	44.25 2.03 0.00	35.22 1.55 0.00	30.22 1.30 0.00	27.18 1.17 0.00
ASTORIA___4 23517	29.81 1.17 0.00	27.34 1.05 0.00	24.89 0.93 0.00	23.58 0.84 0.00	23.28 0.85 0.00	23.74 0.82 0.00	26.80 0.96 0.00	26.23 0.91 0.00	24.88 0.93 0.00	20.85 0.90 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.36 1.00 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.19 1.15 0.00	32.13 1.35 0.00	43.26 1.74 0.00	50.83 1.95 0.00	46.48 1.66 0.00	44.17 1.94 0.00	35.22 1.55 0.00	30.25 1.33 0.00	27.18 1.17 0.00
ASTORIA___5 23518	29.81 1.17 0.00	27.37 1.08 0.00	24.92 0.96 0.00	23.63 0.89 0.00	23.28 0.85 0.00	23.74 0.82 0.00	26.69 0.85 0.00	26.23 0.91 0.00	24.88 0.93 0.00	20.85 0.90 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.36 1.00 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.18 1.14 0.00	32.12 1.35 0.00	43.38 1.87 0.00	50.83 1.96 0.00	46.44 1.61 0.00	44.25 2.03 0.00	35.22 1.55 0.00	30.22 1.30 0.00	27.18 1.17 0.00
AST_ENERGY_2_CC3 323677	21.01 1.00 8.63	21.01 1.00 6.28	21.01 0.86 3.81	21.01 0.77 2.50	21.01 0.76 2.19	21.01 0.62 2.52	21.01 0.59 5.43	21.01 0.58 4.89	21.01 0.65 3.58	20.66 0.72 0.01	20.08 0.77 0.01	20.59 0.75 0.00	21.24 0.87 0.00	22.85 0.77 0.01	22.91 0.80 0.01	22.96 0.83 3.91	22.96 0.98 8.80	22.96 1.37 19.92	26.34 1.37 23.91	23.80 1.07 22.10	22.96 1.52 20.79	22.96 1.21 11.92	22.96 1.10 7.06	22.96 1.07 4.12
AST_ENERGY_2_CC4 323678	21.01 1.00 8.63	21.01 1.00 6.28	21.01 0.86 3.81	21.01 0.77 2.50	21.01 0.76 2.19	21.01 0.62 2.52	21.01 0.59 5.43	21.01 0.58 4.89	21.01 0.65 3.58	20.66 0.72 0.01	20.08 0.77 0.01	20.59 0.75 0.00	21.24 0.87 0.00	22.85 0.77 0.01	22.91 0.80 0.01	22.96 0.83 3.91	22.96 0.98 8.80	22.96 1.37 19.92	26.34 1.37 23.91	23.80 1.07 22.10	22.96 1.52 20.79	22.96 1.21 11.92	22.96 1.10 7.06	22.96 1.07 4.12

ATHENS_STG_1 23668	29.18 0.54 0.00	26.79 0.50 0.00	24.41 0.45 0.00	23.19 0.45 0.00	22.86 0.43 0.00	23.35 0.43 0.00	26.31 0.47 0.00	25.77 0.46 0.00	24.43 0.48 0.00	20.35 0.40 0.00	19.70 0.39 0.00	20.20 0.36 0.00	20.75 0.39 0.00	22.49 0.40 0.00	22.52 0.40 0.00	26.51 0.47 0.00	31.26 0.49 0.00	42.09 0.58 0.00	49.46 0.59 0.00	45.41 0.58 0.00	42.95 0.72 0.00	34.25 0.57 0.00	29.35 0.43 0.00	26.40 0.39 0.00
ATHENS_STG_2 23670	29.18 0.54 0.00	26.79 0.50 0.00	24.41 0.45 0.00	23.19 0.45 0.00	22.86 0.43 0.00	23.35 0.43 0.00	26.31 0.47 0.00	25.77 0.46 0.00	24.43 0.48 0.00	20.35 0.40 0.00	19.70 0.39 0.00	20.20 0.36 0.00	20.75 0.39 0.00	22.49 0.40 0.00	22.52 0.40 0.00	26.51 0.47 0.00	31.26 0.49 0.00	42.09 0.58 0.00	49.46 0.59 0.00	45.41 0.58 0.00	42.95 0.72 0.00	34.25 0.57 0.00	29.35 0.43 0.00	26.40 0.39 0.00
ATHENS_STG_3 23677	29.18 0.54 0.00	26.79 0.50 0.00	24.41 0.45 0.00	23.19 0.45 0.00	22.86 0.43 0.00	23.35 0.43 0.00	26.31 0.47 0.00	25.77 0.46 0.00	24.43 0.48 0.00	20.35 0.40 0.00	19.70 0.39 0.00	20.20 0.36 0.00	20.75 0.39 0.00	22.49 0.40 0.00	22.52 0.40 0.00	26.51 0.47 0.00	31.26 0.49 0.00	42.09 0.58 0.00	49.46 0.59 0.00	45.41 0.58 0.00	42.95 0.72 0.00	34.25 0.57 0.00	29.35 0.43 0.00	26.40 0.39 0.00
AUBURN___LFGE 323710	28.49 -0.14 0.00	26.18 -0.11 0.00	23.84 -0.12 0.00	22.60 -0.14 0.00	22.32 -0.11 0.00	22.82 -0.09 0.00	25.76 -0.08 0.00	25.34 0.03 0.00	23.92 -0.02 0.00	20.01 -0.06 -0.12	19.64 -0.08 -0.41	20.26 0.02 -0.41	20.38 0.02 0.00	22.18 0.07 -0.02	22.86 0.07 -0.67	30.93 0.08 -4.82	35.93 0.12 -5.03	48.84 0.29 -7.03	51.96 0.39 -2.69	51.96 0.31 -6.82	43.81 0.21 -1.38	39.31 0.13 -5.51	33.77 0.12 -4.74	26.51 0.13 -0.37
BABYLON_RES_REC 323704	29.64 1.00 0.00	27.05 0.76 0.00	24.53 0.57 0.00	23.33 0.59 0.00	23.01 0.58 0.00	23.51 0.59 0.00	26.46 0.62 0.00	26.00 0.68 0.00	24.67 0.72 0.00	20.59 0.64 0.00	20.18 0.87 0.00	20.57 0.73 0.00	21.20 0.84 0.00	23.06 0.97 0.00	23.21 1.08 0.00	27.26 1.22 0.00	32.25 1.48 0.00	42.67 1.16 0.01	49.84 0.98 0.01	45.77 0.94 0.00	43.45 1.23 0.01	35.26 1.58 0.00	30.16 1.24 0.00	27.00 0.99 0.00
BALL_HILL_WT_PWR 323825	27.66 -0.97 0.00	25.61 -0.68 0.00	23.31 -0.65 0.00	21.94 -0.80 0.00	21.78 -0.65 0.00	21.88 -1.03 0.00	25.09 -0.75 0.00	24.64 -0.68 0.00	23.25 -0.70 0.00	19.51 -0.44 0.00	18.93 -0.39 0.00	19.80 -0.04 0.00	20.30 -0.06 0.00	22.19 0.09 -0.01	21.83 -0.29 0.00	23.15 -0.50 2.39	30.22 -0.92 -0.37	37.22 -1.66 2.63	39.12 -2.25 7.51	38.42 -2.28 4.12	32.07 -1.65 8.51	27.90 -1.28 4.49	28.39 -0.87 -0.34	25.95 -0.23 -0.17
BARON_WINDS___WT_PWR 323822	27.98 -0.66 0.00	25.76 -0.53 0.00	23.41 -0.55 0.00	22.08 -0.66 0.00	21.83 -0.60 0.00	22.09 -0.82 0.00	25.17 -0.67 0.00	24.69 -0.63 0.00	23.25 -0.70 0.00	19.39 -0.56 0.00	18.74 -0.58 0.00	19.52 -0.32 0.00	20.03 -0.33 0.00	21.86 -0.24 -0.01	21.68 -0.44 0.00	24.84 -0.63 0.58	31.30 -0.89 -1.42	40.04 -1.33 0.14	42.97 -1.52 4.39	41.96 -1.52 1.34	35.71 -1.23 5.29	31.03 -0.98 1.67	29.53 -0.72 -1.34	25.79 -0.42 -0.20
BARRETT_IC_1 23704	29.61 0.97 0.00	27.05 0.76 0.00	24.58 0.62 0.00	23.33 0.59 0.00	23.04 0.61 0.00	23.53 0.62 0.00	26.49 0.65 0.00	26.03 0.71 0.00	24.69 0.74 0.00	20.61 0.66 0.00	20.16 0.85 0.00	20.59 0.75 0.00	21.20 0.84 0.00	23.04 0.95 0.00	23.16 1.04 0.00	27.21 1.17 0.00	32.03 1.26 0.00	42.50 0.99 0.01	49.65 0.78 0.01	45.59 0.76 0.00	43.28 1.06 0.01	34.99 1.31 0.00	30.04 1.13 0.00	26.97 0.96 0.00
BARRETT_IC_10 23701	29.61 0.97 0.00	27.05 0.76 0.00	24.58 0.62 0.00	23.33 0.59 0.00	23.04 0.61 0.00	23.53 0.62 0.00	26.49 0.65 0.00	26.03 0.71 0.00	24.69 0.74 0.00	20.61 0.66 0.00	20.16 0.85 0.00	20.59 0.75 0.00	21.20 0.84 0.00	23.04 0.95 0.00	23.16 1.04 0.00	27.21 1.17 0.00	32.03 1.26 0.00	42.50 0.99 0.01	49.65 0.78 0.01	45.59 0.76 0.00	43.28 1.06 0.01	34.99 1.31 0.00	30.04 1.13 0.00	26.97 0.96 0.00
BARRETT_IC_11 23702	29.61 0.97 0.00	27.05 0.76 0.00	24.58 0.62 0.00	23.33 0.59 0.00	23.04 0.61 0.00	23.53 0.62 0.00	26.49 0.65 0.00	26.03 0.71 0.00	24.69 0.74 0.00	20.61 0.66 0.00	20.16 0.85 0.00	20.59 0.75 0.00	21.20 0.84 0.00	23.04 0.95 0.00	23.16 1.04 0.00	27.21 1.17 0.00	32.03 1.26 0.00	42.50 0.99 0.01	49.65 0.78 0.01	45.59 0.76 0.00	43.28 1.06 0.01	34.99 1.31 0.00	30.04 1.13 0.00	26.97 0.96 0.00
BARRETT_IC_12 23703	29.61 0.97 0.00	27.05 0.76 0.00	24.58 0.62 0.00	23.33 0.59 0.00	23.04 0.61 0.00	23.53 0.62 0.00	26.49 0.65 0.00	26.03 0.71 0.00	24.69 0.74 0.00	20.61 0.66 0.00	20.16 0.85 0.00	20.59 0.75 0.00	21.20 0.84 0.00	23.04 0.95 0.00	23.16 1.04 0.00	27.21 1.17 0.00	32.03 1.26 0.00	42.50 0.99 0.01	49.65 0.78 0.01	45.59 0.76 0.00	43.28 1.06 0.01	34.99 1.31 0.00	30.04 1.13 0.00	26.97 0.96 0.00
BARRETT_IC_2 23705	29.61 0.97 0.00	27.05 0.76 0.00	24.58 0.62 0.00	23.33 0.59 0.00	23.04 0.61 0.00	23.53 0.62 0.00	26.49 0.65 0.00	26.03 0.71 0.00	24.69 0.74 0.00	20.61 0.66 0.00	20.16 0.85 0.00	20.59 0.75 0.00	21.20 0.84 0.00	23.04 0.95 0.00	23.16 1.04 0.00	27.21 1.17 0.00	32.03 1.26 0.00	42.50 0.99 0.01	49.65 0.78 0.01	45.59 0.76 0.00	43.28 1.06 0.01	34.99 1.31 0.00	30.04 1.13 0.00	26.97 0.96 0.00
BARRETT_IC_3 23706	29.61 0.97 0.00	27.05 0.76 0.00	24.58 0.62 0.00	23.33 0.59 0.00	23.04 0.61 0.00	23.53 0.62 0.00	26.49 0.65 0.00	26.03 0.71 0.00	24.69 0.74 0.00	20.61 0.66 0.00	20.16 0.85 0.00	20.59 0.75 0.00	21.20 0.84 0.00	23.04 0.95 0.00	23.16 1.04 0.00	27.21 1.17 0.00	32.03 1.26 0.00	42.50 0.99 0.01	49.65 0.78 0.01	45.59 0.76 0.00	43.28 1.06 0.01	34.99 1.31 0.00	30.04 1.13 0.00	26.97 0.96 0.00
BARRETT_IC_4 23707	29.61 0.97 0.00	27.05 0.76 0.00	24.58 0.62 0.00	23.33 0.59 0.00	23.04 0.61 0.00	23.53 0.62 0.00	26.49 0.65 0.00	26.03 0.71 0.00	24.69 0.74 0.00	20.61 0.66 0.00	20.16 0.85 0.00	20.59 0.75 0.00	21.20 0.84 0.00	23.04 0.95 0.00	23.16 1.04 0.00	27.21 1.17 0.00	32.03 1.26 0.00	42.50 0.99 0.01	49.65 0.78 0.01	45.59 0.76 0.00	43.28 1.06 0.01	34.99 1.31 0.00	30.04 1.13 0.00	26.97 0.96 0.00
BARRETT_IC_5 23708	29.61 0.97 0.00	27.05 0.76 0.00	24.58 0.62 0.00	23.33 0.59 0.00	23.04 0.61 0.00	23.53 0.62 0.00	26.49 0.65 0.00	26.03 0.71 0.00	24.69 0.74 0.00	20.61 0.66 0.00	20.16 0.85 0.00	20.59 0.75 0.00	21.20 0.84 0.00	23.04 0.95 0.00	23.16 1.04 0.00	27.21 1.17 0.00	32.03 1.26 0.00	42.50 0.99 0.01	49.65 0.78 0.01	45.59 0.76 0.00	43.28 1.06 0.01	34.99 1.31 0.00	30.04 1.13 0.00	26.97 0.96 0.00

BARRETT_IC_6 23709	29.61 0.97 0.00	27.05 0.76 0.00	24.58 0.62 0.00	23.33 0.59 0.00	23.04 0.61 0.00	23.53 0.62 0.00	26.49 0.65 0.00	26.03 0.71 0.00	24.69 0.74 0.00	20.61 0.66 0.00	20.16 0.85 0.00	20.59 0.75 0.00	21.20 0.84 0.00	23.04 0.95 0.00	23.16 1.04 0.00	27.21 1.17 0.00	32.03 1.26 0.00	42.50 0.99 0.01	49.65 0.78 0.01	45.59 0.76 0.00	43.28 1.06 0.01	34.99 1.31 0.00	30.04 1.13 0.00	26.97 0.96 0.00
BARRETT_IC_7 23710	29.64 1.00 0.00	27.08 0.79 0.00	24.58 0.62 0.00	23.31 0.57 0.00	23.04 0.61 0.00	23.53 0.62 0.00	26.59 0.75 0.00	26.03 0.71 0.00	24.69 0.74 0.00	20.61 0.66 0.00	20.16 0.85 0.00	20.57 0.73 0.00	21.20 0.83 0.00	23.04 0.95 0.00	23.14 1.02 0.00	27.21 1.17 0.00	32.03 1.26 0.00	42.38 0.87 0.01	49.80 0.93 0.01	45.72 0.90 0.00	43.36 1.14 0.01	35.05 1.38 0.00	30.07 1.16 0.00	26.97 0.96 0.00
BARRETT_IC_8 23711	29.61 0.97 0.00	27.05 0.76 0.00	24.58 0.62 0.00	23.33 0.59 0.00	23.04 0.61 0.00	23.53 0.62 0.00	26.49 0.65 0.00	26.03 0.71 0.00	24.69 0.74 0.00	20.61 0.66 0.00	20.16 0.85 0.00	20.59 0.75 0.00	21.20 0.84 0.00	23.04 0.95 0.00	23.16 1.04 0.00	27.21 1.17 0.00	32.03 1.26 0.00	42.50 0.99 0.01	49.65 0.78 0.01	45.59 0.76 0.00	43.28 1.06 0.01	34.99 1.31 0.00	30.04 1.13 0.00	26.97 0.96 0.00
BARRETT_IC_9 23700	29.61 0.97 0.00	27.05 0.76 0.00	24.58 0.62 0.00	23.33 0.59 0.00	23.04 0.61 0.00	23.53 0.62 0.00	26.49 0.65 0.00	26.03 0.71 0.00	24.69 0.74 0.00	20.61 0.66 0.00	20.16 0.85 0.00	20.59 0.75 0.00	21.20 0.84 0.00	23.04 0.95 0.00	23.16 1.04 0.00	27.21 1.17 0.00	32.03 1.26 0.00	42.50 0.99 0.01	49.65 0.78 0.01	45.59 0.76 0.00	43.28 1.06 0.01	34.99 1.31 0.00	30.04 1.13 0.00	26.97 0.96 0.00
BARRETT___1 23545	29.61 0.97 0.00	27.05 0.76 0.00	24.58 0.62 0.00	23.33 0.59 0.00	23.04 0.61 0.00	23.53 0.62 0.00	26.49 0.65 0.00	26.03 0.71 0.00	24.69 0.74 0.00	20.61 0.66 0.00	20.16 0.85 0.00	20.59 0.75 0.00	21.20 0.84 0.00	23.04 0.95 0.00	23.16 1.04 0.00	27.21 1.17 0.00	32.03 1.26 0.00	42.50 0.99 0.01	49.65 0.78 0.01	45.59 0.76 0.00	43.28 1.06 0.01	34.99 1.31 0.00	30.04 1.13 0.00	26.97 0.96 0.00
BARRETT___2 23546	29.61 0.97 0.00	27.05 0.76 0.00	24.58 0.62 0.00	23.33 0.59 0.00	23.04 0.61 0.00	23.53 0.62 0.00	26.49 0.65 0.00	26.03 0.71 0.00	24.69 0.74 0.00	20.61 0.66 0.00	20.16 0.85 0.00	20.59 0.75 0.00	21.20 0.84 0.00	23.04 0.95 0.00	23.16 1.04 0.00	27.21 1.17 0.00	32.03 1.26 0.00	42.50 0.99 0.01	49.65 0.78 0.01	45.59 0.76 0.00	43.28 1.06 0.01	34.99 1.31 0.00	30.04 1.13 0.00	26.97 0.96 0.00
BATAVIA__115KV_TB1 55881	28.21 -0.43 0.00	25.95 -0.34 0.00	23.76 -0.19 0.00	22.54 -0.20 0.00	22.23 -0.20 0.00	22.64 -0.27 0.00	25.58 -0.26 0.00	25.49 0.18 0.00	24.02 0.07 0.00	20.07 0.12 0.00	19.45 0.14 0.00	20.21 0.38 0.00	20.69 0.33 0.00	22.52 0.42 -0.01	22.25 0.13 0.00	23.08 0.10 3.06	30.90 0.12 -0.01	38.19 0.21 3.53	40.11 -0.05 8.72	39.53 -0.13 5.16	32.33 -0.13 9.77	28.12 0.00 5.55	29.09 0.17 0.00	26.83 0.65 -0.17
BAYONEEC___CTG1 323682	29.75 1.12 0.00	27.27 0.97 0.00	24.82 0.86 0.00	23.56 0.82 0.00	23.22 0.78 0.00	23.72 0.80 0.00	26.75 0.90 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.85 0.90 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.34 0.98 0.00	23.11 1.02 0.00	23.16 1.04 0.00	27.24 1.20 0.00	32.19 1.42 0.00	43.30 1.78 0.00	50.69 1.81 0.00	46.53 1.70 0.00	44.17 1.94 0.00	35.26 1.58 0.00	30.19 1.27 0.00	27.13 1.12 0.00
BAYONEEC___CTG10 323750	29.75 1.12 0.00	27.27 0.97 0.00	24.82 0.86 0.00	23.56 0.82 0.00	23.22 0.78 0.00	23.72 0.80 0.00	26.75 0.90 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.85 0.90 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.34 0.98 0.00	23.11 1.02 0.00	23.16 1.04 0.00	27.24 1.20 0.00	32.19 1.42 0.00	43.30 1.78 0.00	50.69 1.81 0.00	46.53 1.70 0.00	44.17 1.94 0.00	35.26 1.58 0.00	30.19 1.27 0.00	27.13 1.12 0.00
BAYONEEC___CTG2 323683	29.75 1.12 0.00	27.27 0.97 0.00	24.82 0.86 0.00	23.56 0.82 0.00	23.22 0.78 0.00	23.72 0.80 0.00	26.75 0.90 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.85 0.90 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.34 0.98 0.00	23.11 1.02 0.00	23.16 1.04 0.00	27.24 1.20 0.00	32.19 1.42 0.00	43.30 1.78 0.00	50.69 1.81 0.00	46.53 1.70 0.00	44.17 1.94 0.00	35.26 1.58 0.00	30.19 1.27 0.00	27.13 1.12 0.00
BAYONEEC___CTG3 323684	29.75 1.12 0.00	27.27 0.97 0.00	24.82 0.86 0.00	23.56 0.82 0.00	23.22 0.78 0.00	23.72 0.80 0.00	26.75 0.90 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.85 0.90 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.34 0.98 0.00	23.11 1.02 0.00	23.16 1.04 0.00	27.24 1.20 0.00	32.19 1.42 0.00	43.30 1.78 0.00	50.69 1.81 0.00	46.53 1.70 0.00	44.17 1.94 0.00	35.26 1.58 0.00	30.19 1.27 0.00	27.13 1.12 0.00
BAYONEEC___CTG4 323685	29.75 1.12 0.00	27.27 0.97 0.00	24.82 0.86 0.00	23.56 0.82 0.00	23.22 0.78 0.00	23.72 0.80 0.00	26.75 0.90 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.85 0.90 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.34 0.98 0.00	23.11 1.02 0.00	23.16 1.04 0.00	27.24 1.20 0.00	32.19 1.42 0.00	43.30 1.78 0.00	50.69 1.81 0.00	46.53 1.70 0.00	44.17 1.94 0.00	35.26 1.58 0.00	30.19 1.27 0.00	27.13 1.12 0.00
BAYONEEC___CTG5 323686	29.75 1.12 0.00	27.27 0.97 0.00	24.82 0.86 0.00	23.56 0.82 0.00	23.22 0.78 0.00	23.72 0.80 0.00	26.75 0.90 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.85 0.90 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.34 0.98 0.00	23.11 1.02 0.00	23.16 1.04 0.00	27.24 1.20 0.00	32.19 1.42 0.00	43.30 1.78 0.00	50.69 1.81 0.00	46.53 1.70 0.00	44.17 1.94 0.00	35.26 1.58 0.00	30.19 1.27 0.00	27.13 1.12 0.00
BAYONEEC___CTG6 323687	29.75 1.12 0.00	27.27 0.97 0.00	24.82 0.86 0.00	23.56 0.82 0.00	23.22 0.78 0.00	23.72 0.80 0.00	26.75 0.90 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.85 0.90 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.34 0.98 0.00	23.11 1.02 0.00	23.16 1.04 0.00	27.24 1.20 0.00	32.19 1.42 0.00	43.30 1.78 0.00	50.69 1.81 0.00	46.53 1.70 0.00	44.17 1.94 0.00	35.26 1.58 0.00	30.19 1.27 0.00	27.13 1.12 0.00
BAYONEEC___CTG7 323688	29.75 1.12 0.00	27.27 0.97 0.00	24.82 0.86 0.00	23.56 0.82 0.00	23.22 0.78 0.00	23.72 0.80 0.00	26.75 0.90 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.85 0.90 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.34 0.98 0.00	23.11 1.02 0.00	23.16 1.04 0.00	27.24 1.20 0.00	32.19 1.42 0.00	43.30 1.78 0.00	50.69 1.81 0.00	46.53 1.70 0.00	44.17 1.94 0.00	35.26 1.58 0.00	30.19 1.27 0.00	27.13 1.12 0.00

BAYONEEC___CTG8 323689	29.75 1.12 0.00	27.27 0.97 0.00	24.82 0.86 0.00	23.56 0.82 0.00	23.22 0.78 0.00	23.72 0.80 0.00	26.75 0.90 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.85 0.90 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.34 0.98 0.00	23.11 1.02 0.00	23.16 1.04 0.00	27.24 1.20 0.00	32.19 1.42 0.00	43.30 1.78 0.00	50.69 1.81 0.00	46.53 1.70 0.00	44.17 1.94 0.00	35.26 1.58 0.00	30.19 1.27 0.00	27.13 1.12 0.00
BAYONEEC___CTG9 323749	29.75 1.12 0.00	27.27 0.97 0.00	24.82 0.86 0.00	23.56 0.82 0.00	23.22 0.78 0.00	23.72 0.80 0.00	26.75 0.90 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.85 0.90 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.34 0.98 0.00	23.11 1.02 0.00	23.16 1.04 0.00	27.24 1.20 0.00	32.19 1.42 0.00	43.30 1.78 0.00	50.69 1.81 0.00	46.53 1.70 0.00	44.17 1.94 0.00	35.26 1.58 0.00	30.19 1.27 0.00	27.13 1.12 0.00
BEACON___LESR 323632	28.95 0.32 0.00	26.63 0.34 0.00	24.32 0.36 0.00	23.10 0.36 0.00	22.75 0.31 0.00	23.24 0.32 0.00	26.13 0.28 0.00	25.55 0.23 0.00	24.12 0.17 0.00	20.05 0.10 0.00	19.37 0.06 0.00	19.80 -0.04 0.00	20.30 -0.06 0.00	22.05 -0.04 0.00	22.10 -0.02 0.00	26.09 0.05 0.00	30.93 0.15 0.00	41.72 0.21 0.00	49.31 0.44 0.00	45.32 0.49 0.00	42.65 0.42 0.00	34.05 0.37 0.00	29.27 0.35 0.00	26.27 0.26 0.00
BEAVER RIVER___HYD 24048	29.01 0.37 0.00	26.58 0.29 0.00	24.17 0.22 0.00	22.94 0.20 0.00	22.61 0.18 0.00	23.05 0.14 0.00	26.05 0.21 0.00	25.52 0.20 0.00	24.09 0.14 0.00	22.13 -0.02 -2.20	26.73 -0.06 -7.47	27.30 -0.04 -7.50	20.31 -0.08 -0.03	22.03 -0.07 -0.01	34.56 0.00 -12.44	38.43 0.13 -12.26	33.35 0.15 -2.43	49.73 0.42 -7.81	56.75 0.78 -7.10	65.61 0.81 -19.98	44.30 0.59 -1.48	36.74 0.41 -2.66	31.55 0.35 -2.28	26.29 0.10 -0.18
BEEBEE_GT_13 23619	28.15 -0.49 0.00	25.90 -0.39 0.00	23.57 -0.38 0.00	22.40 -0.34 0.00	22.10 -0.34 0.00	22.55 -0.37 0.00	25.48 -0.36 0.00	25.22 -0.10 0.00	23.80 -0.14 0.00	19.87 -0.08 0.00	19.26 -0.06 0.00	19.92 0.08 0.00	20.42 0.06 0.00	22.25 0.15 -0.01	22.14 0.02 0.00	22.41 0.00 3.63	30.47 0.00 0.30	37.25 0.04 4.30	38.99 -0.15 9.73	38.61 -0.18 6.04	31.23 -0.17 10.83	27.13 -0.10 6.44	28.66 0.03 0.28	26.40 0.23 -0.16
BENSHRST_27_KV_BENSHRST_1 355998	29.98 1.35 0.00	27.47 1.18 0.00	25.01 1.05 0.00	23.69 0.96 0.00	23.37 0.94 0.00	23.83 0.92 0.00	26.95 1.11 0.00	26.38 1.06 0.00	25.05 1.10 0.00	20.99 1.04 0.00	20.34 1.02 0.00	20.87 1.03 0.00	21.50 1.14 0.00	23.26 1.17 0.00	23.32 1.19 0.00	27.39 1.35 0.00	32.43 1.66 0.00	43.71 2.20 0.00	51.37 2.49 0.00	46.89 2.06 0.00	44.68 2.45 0.00	35.53 1.85 0.00	30.48 1.56 0.00	27.36 1.35 0.00
BETHLEHEM___GRP 23843	28.58 -0.06 0.00	26.26 -0.03 0.00	24.03 0.07 0.00	22.83 0.09 0.00	22.50 0.07 0.00	22.98 0.07 0.00	25.84 0.00 0.00	25.24 -0.08 0.00	23.85 -0.10 0.00	19.85 -0.10 0.00	19.22 -0.10 0.00	19.66 -0.18 0.00	20.16 -0.20 0.00	21.89 -0.20 0.00	21.92 -0.20 0.00	25.83 -0.21 0.00	30.53 -0.25 0.00	41.14 -0.37 0.00	48.68 -0.20 0.00	44.60 -0.22 0.00	42.06 -0.17 0.00	33.54 -0.13 0.00	28.89 -0.03 0.00	25.96 -0.05 0.00
BETHLEHEM___GS1 323560	28.58 -0.06 0.00	26.29 0.00 0.00	24.03 0.07 0.00	22.83 0.09 0.00	22.48 0.04 0.00	22.96 0.05 0.00	25.79 -0.05 0.00	25.24 -0.08 0.00	23.85 -0.10 0.00	19.85 -0.10 0.00	19.22 -0.10 0.00	19.66 -0.18 0.00	20.16 -0.20 0.00	21.89 -0.20 0.00	21.92 -0.20 0.00	25.86 -0.18 0.00	30.59 -0.18 0.00	41.14 -0.37 0.00	48.58 -0.29 0.00	44.60 -0.22 0.00	42.06 -0.17 0.00	33.54 -0.13 0.00	28.86 -0.06 0.00	25.96 -0.05 0.00
BETHLEHEM___GS2 323561	28.58 -0.06 0.00	26.29 0.00 0.00	24.03 0.07 0.00	22.83 0.09 0.00	22.48 0.04 0.00	22.96 0.05 0.00	25.79 -0.05 0.00	25.24 -0.08 0.00	23.85 -0.10 0.00	19.85 -0.10 0.00	19.22 -0.10 0.00	19.66 -0.18 0.00	20.16 -0.20 0.00	21.89 -0.20 0.00	21.92 -0.20 0.00	25.86 -0.18 0.00	30.59 -0.18 0.00	41.14 -0.37 0.00	48.58 -0.29 0.00	44.60 -0.22 0.00	42.06 -0.17 0.00	33.54 -0.13 0.00	28.86 -0.06 0.00	25.96 -0.05 0.00
BETHLEHEM___GS3 323562	28.58 -0.06 0.00	26.29 0.00 0.00	24.03 0.07 0.00	22.83 0.09 0.00	22.48 0.04 0.00	22.96 0.05 0.00	25.79 -0.05 0.00	25.24 -0.08 0.00	23.85 -0.10 0.00	19.85 -0.10 0.00	19.22 -0.10 0.00	19.66 -0.18 0.00	20.16 -0.20 0.00	21.89 -0.20 0.00	21.92 -0.20 0.00	25.86 -0.18 0.00	30.59 -0.18 0.00	41.14 -0.37 0.00	48.58 -0.29 0.00	44.60 -0.22 0.00	42.06 -0.17 0.00	33.54 -0.13 0.00	28.86 -0.06 0.00	25.96 -0.05 0.00
BETHLEHEM___STEEL 23779	27.60 -1.03 0.00	25.48 -0.81 0.00	23.26 -0.69 0.00	21.97 -0.77 0.00	21.65 -0.79 0.00	21.91 -1.01 0.00	24.70 -1.14 0.00	24.66 -0.66 0.00	23.28 -0.67 0.00	19.53 -0.42 0.00	18.95 -0.37 0.00	19.82 -0.02 0.00	20.30 -0.06 0.00	22.21 0.11 -0.01	21.79 -0.33 0.00	23.02 -0.55 2.47	30.20 -0.89 -0.32	37.25 -1.54 2.73	38.89 -2.35 7.64	38.30 -2.29 4.24	31.81 -1.77 8.65	27.78 -1.28 4.62	28.32 -0.90 -0.30	26.00 -0.18 -0.17
BETHLHEM_115KV_TB1 79974	28.66 0.03 0.00	26.34 0.05 0.00	24.08 0.12 0.00	22.88 0.14 0.00	22.54 0.11 0.00	23.03 0.11 0.00	25.92 0.08 0.00	25.32 0.00 0.00	23.92 -0.02 0.00	19.91 -0.04 0.00	19.28 -0.04 0.00	19.72 -0.12 0.00	20.24 -0.12 0.00	21.96 -0.13 0.00	21.99 -0.13 0.00	25.94 -0.10 0.00	30.62 -0.15 0.00	41.26 -0.25 0.00	48.78 -0.10 0.00	44.74 -0.09 0.00	42.19 -0.04 0.00	33.64 -0.03 0.00	28.95 0.03 0.00	26.01 0.00 0.00
BETHPAGE_CC_5 323564	29.70 1.06 0.00	27.11 0.82 0.00	24.60 0.65 0.00	23.38 0.64 0.00	23.06 0.63 0.00	23.56 0.64 0.00	26.54 0.70 0.00	26.05 0.73 0.00	24.74 0.79 0.00	20.65 0.70 0.00	20.22 0.91 0.00	20.65 0.81 0.00	21.26 0.89 0.00	23.13 1.04 0.00	23.23 1.11 0.00	27.24 1.20 0.00	32.03 1.26 0.00	42.42 0.91 0.01	49.55 0.68 0.01	45.50 0.67 0.00	43.19 0.97 0.01	34.99 1.31 0.00	30.04 1.13 0.00	27.00 0.99 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.60 -1.03 0.00	25.48 -0.81 0.00	23.26 -0.69 0.00	21.97 -0.77 0.00	21.65 -0.79 0.00	21.88 -1.03 0.00	24.70 -1.14 0.00	24.63 -0.68 0.00	23.28 -0.67 0.00	19.51 -0.44 0.00	18.95 -0.37 0.00	19.82 -0.02 0.00	20.30 -0.06 0.00	22.23 0.13 -0.01	21.81 -0.31 0.00	23.10 -0.52 2.42	30.26 -0.86 -0.35	37.36 -1.49 2.66	39.03 -2.30 7.55	38.38 -2.29 4.16	31.89 -1.77 8.56	27.86 -1.28 4.54	28.35 -0.90 -0.33	26.00 -0.18 -0.17
BINGHAMTON___COGEN 23790	28.61 -0.03 0.00	26.29 0.00 0.00	23.93 -0.02 0.00	22.69 -0.05 0.00	22.39 -0.04 0.00	22.85 -0.07 0.00	25.76 -0.08 0.00	25.34 0.03 0.00	23.95 0.00 0.00	19.95 0.00 0.00	19.28 -0.04 0.00	19.92 0.08 0.00	20.44 0.08 0.00	22.23 0.13 -0.01	22.19 0.07 0.00	27.30 0.05 -1.20	33.08 0.03 -2.28	43.75 0.00 -2.24	47.83 -0.05 0.99	46.18 -0.09 -1.44	40.60 0.08 1.71	34.89 0.03 -1.18	31.12 0.06 -2.15	26.37 0.16 -0.21

BIXINCNT_115KV_LOAD 355685	27.35 -1.29 0.00	25.21 -1.08 0.00	22.97 -0.98 0.00	21.69 -1.05 0.00	21.31 -1.12 0.00	21.52 -1.40 0.00	24.24 -1.60 0.00	24.13 -1.19 0.00	22.77 -1.17 0.00	19.10 -0.86 0.00	18.60 -0.71 0.00	19.60 -0.24 0.00	20.12 -0.24 0.00	22.08 -0.02 -0.01	21.79 -0.33 0.00	23.27 -0.60 2.17	30.25 -1.02 -0.49	37.40 -1.79 2.33	38.91 -2.83 7.13	38.17 -2.87 3.79	31.66 -2.45 8.12	27.63 -1.89 4.16	27.93 -1.45 -0.46	25.46 -0.73 -0.18
BLACK RIVER___HYD 24047	29.18 0.54 0.00	26.76 0.47 0.00	24.34 0.38 0.00	23.10 0.36 0.00	22.77 0.34 0.00	23.24 0.32 0.00	26.31 0.47 0.00	25.75 0.43 0.00	24.24 0.29 0.00	21.51 0.04 -1.52	24.45 -0.02 -5.15	25.03 0.02 -5.18	20.36 -0.02 -0.02	22.10 0.00 -0.01	30.77 0.07 -8.58	36.63 0.26 -10.33	35.06 0.40 -3.88	50.71 0.83 -8.37	56.23 1.42 -5.94	62.76 1.57 -16.37	45.15 1.31 -1.61	38.77 0.84 -4.25	33.30 0.72 -3.66	26.71 0.41 -0.29
BLACKRVR_115KV_TB2 79977	29.15 0.52 0.00	26.74 0.45 0.00	24.34 0.38 0.00	23.10 0.36 0.00	22.75 0.31 0.00	23.24 0.32 0.00	26.28 0.44 0.00	25.75 0.43 0.00	24.23 0.29 0.00	21.51 0.04 -1.52	24.45 -0.02 -5.15	25.03 0.02 -5.18	20.36 -0.02 -0.02	22.10 0.00 -0.01	30.77 0.07 -8.58	36.63 0.26 -10.33	35.06 0.40 -3.88	50.71 0.83 -8.37	56.18 1.37 -5.94	62.72 1.52 -16.37	45.14 1.31 -1.61	38.73 0.81 -4.25	33.30 0.72 -3.66	26.71 0.42 -0.29
BLDWN_LI_69_KV_BK4 356085	29.75 1.12 0.00	27.16 0.87 0.00	24.65 0.69 0.00	23.38 0.64 0.00	23.13 0.70 0.00	23.60 0.69 0.00	26.67 0.83 0.00	26.10 0.78 0.00	24.76 0.81 0.00	20.69 0.74 0.00	20.24 0.93 0.00	20.67 0.83 0.00	21.30 0.94 0.00	23.15 1.06 0.00	23.27 1.15 0.00	27.34 1.30 0.00	32.25 1.48 0.00	42.71 1.20 0.01	50.19 1.32 0.01	46.08 1.26 0.00	43.70 1.48 0.01	35.32 1.65 0.00	30.25 1.33 0.00	27.08 1.07 0.00
BLISS_WT_PWR 323608	27.26 -1.37 0.00	25.24 -1.05 0.00	22.93 -1.03 0.00	21.60 -1.14 0.00	21.36 -1.08 0.00	21.43 -1.49 0.00	24.47 -1.37 0.00	23.98 -1.34 0.00	22.63 -1.32 0.00	19.02 -0.94 0.00	18.52 -0.79 0.00	19.56 -0.28 0.00	20.08 -0.29 0.00	22.03 -0.07 -0.01	21.77 -0.35 0.00	23.24 -0.63 2.17	30.13 -1.14 -0.49	37.15 -2.03 2.33	38.76 -2.98 7.13	37.99 -3.05 3.79	31.58 -2.53 8.12	27.50 -2.02 4.16	27.84 -1.53 -0.46	25.30 -0.88 -0.18
BLUESTONE___WT_PWR 323821	29.47 0.83 0.00	27.08 0.79 0.00	24.65 0.70 0.00	23.38 0.64 0.00	23.06 0.63 0.00	23.53 0.62 0.00	26.67 0.83 0.00	26.13 0.81 0.00	24.59 0.65 0.00	20.29 0.34 0.00	19.55 0.23 0.00	20.17 0.34 0.00	20.71 0.35 0.00	22.52 0.42 -0.01	22.52 0.40 0.00	28.71 0.62 -2.05	34.15 0.95 -2.42	46.23 1.45 -3.26	52.02 2.00 -1.14	49.77 2.11 -2.83	44.89 2.03 -0.64	37.60 1.28 -2.65	32.29 1.10 -2.28	27.05 0.86 -0.18
BLUE_CIRC_CHEM_DRP 24182	28.98 0.34 0.00	26.63 0.34 0.00	24.34 0.38 0.00	23.10 0.36 0.00	22.77 0.34 0.00	23.26 0.34 0.00	26.18 0.34 0.00	25.55 0.23 0.00	24.07 0.12 0.00	19.99 0.04 0.00	19.31 0.00 0.00	19.76 -0.08 0.00	20.26 -0.10 0.00	22.00 -0.09 0.00	22.06 -0.07 0.00	26.01 -0.03 0.00	30.77 0.00 0.00	41.60 0.08 0.00	49.27 0.39 0.00	45.23 0.40 0.00	42.65 0.42 0.00	34.01 0.34 0.00	29.24 0.32 0.00	26.27 0.26 0.00
BOC_GAS_DRP 24189	28.89 0.26 0.00	26.53 0.24 0.00	24.22 0.26 0.00	22.99 0.25 0.00	22.68 0.25 0.00	23.17 0.25 0.00	26.10 0.26 0.00	25.49 0.18 0.00	24.14 0.19 0.00	20.09 0.14 0.00	19.45 0.14 0.00	19.94 0.10 0.00	20.46 0.10 0.00	22.20 0.11 0.00	22.21 0.09 0.00	26.17 0.13 0.00	30.90 0.12 0.00	41.64 0.12 0.00	49.17 0.29 0.00	45.05 0.22 0.00	42.52 0.30 0.00	33.91 0.24 0.00	29.15 0.23 0.00	26.19 0.18 0.00
BOONVILLE_115KV_TB1 79983	28.98 0.34 0.00	26.58 0.29 0.00	24.20 0.24 0.00	22.99 0.25 0.00	22.66 0.22 0.00	23.10 0.18 0.00	26.10 0.26 0.00	25.57 0.25 0.00	24.16 0.22 0.00	20.85 0.06 -0.84	22.19 0.02 -2.85	22.74 0.04 -2.86	20.39 0.02 -0.01	22.16 0.07 -0.01	26.96 0.09 -4.75	31.34 0.21 -5.09	32.53 0.34 -1.42	45.74 0.58 -3.64	52.69 0.88 -2.94	53.92 0.90 -8.20	43.68 0.76 -0.70	35.70 0.47 -1.55	30.66 0.40 -1.34	26.35 0.23 -0.10
BORALEX_4TH_BRANCH 23824	29.64 1.00 0.00	27.21 0.92 0.00	24.84 0.89 0.00	23.65 0.91 0.00	23.33 0.90 0.00	23.83 0.92 0.00	26.82 0.98 0.00	26.13 0.81 0.00	24.69 0.74 0.00	20.53 0.58 0.00	19.88 0.56 0.00	20.29 0.46 0.00	20.81 0.45 0.00	22.55 0.46 0.00	22.61 0.49 0.00	26.64 0.60 0.00	31.48 0.71 0.00	42.72 1.20 0.00	50.83 1.95 0.00	46.57 1.75 0.00	43.71 1.48 0.00	34.92 1.25 0.00	29.99 1.07 0.00	26.92 0.91 0.00
BOWLINE___1 23526	29.52 0.89 0.00	27.08 0.79 0.00	24.65 0.70 0.00	23.38 0.64 0.00	23.06 0.63 0.00	23.58 0.66 0.00	26.54 0.70 0.00	26.05 0.73 0.00	24.69 0.74 0.00	20.63 0.68 0.00	19.99 0.68 0.00	20.49 0.65 0.00	21.09 0.73 0.00	22.84 0.75 0.00	22.90 0.77 0.00	26.95 0.91 0.00	31.79 1.01 0.00	42.84 1.33 0.00	50.24 1.37 0.00	46.08 1.25 0.00	43.75 1.52 0.00	34.92 1.25 0.00	29.90 0.98 0.00	26.87 0.86 0.00
BOWLINE___2 23595	29.52 0.89 0.00	27.08 0.79 0.00	24.63 0.67 0.00	23.38 0.64 0.00	23.06 0.63 0.00	23.58 0.66 0.00	26.54 0.70 0.00	26.05 0.73 0.00	24.69 0.74 0.00	20.63 0.68 0.00	19.99 0.68 0.00	20.49 0.65 0.00	21.07 0.71 0.00	22.84 0.75 0.00	22.90 0.77 0.00	26.93 0.89 0.00	31.79 1.01 0.00	42.84 1.33 0.00	50.24 1.37 0.00	46.08 1.25 0.00	43.75 1.52 0.00	34.88 1.21 0.00	29.90 0.98 0.00	26.87 0.86 0.00
BRADY___115KV_TB2 356060	29.35 0.72 0.00	26.95 0.66 0.00	24.53 0.57 0.00	23.29 0.55 0.00	22.99 0.56 0.00	23.49 0.57 0.00	26.49 0.65 0.00	25.95 0.63 0.00	24.50 0.55 0.00	27.95 0.38 -7.62	45.64 0.41 -25.92	46.28 0.42 -26.02	20.81 0.35 -0.10	22.44 0.35 0.00	65.72 0.46 -43.14	61.96 0.55 -35.38	31.51 0.74 0.00	58.31 1.08 -15.72	70.64 1.12 -20.65	105.47 1.21 -59.43	46.03 0.89 -2.92	34.42 0.74 0.00	29.52 0.61 0.00	26.48 0.47 0.00
BRANSCOMB___SOLAR 323811	29.75 1.12 0.00	27.31 1.02 0.00	24.94 0.98 0.00	23.69 0.95 0.00	23.33 0.90 0.00	23.83 0.92 0.00	26.82 0.98 0.00	26.20 0.89 0.00	24.59 0.65 0.00	20.35 0.40 0.00	19.53 0.21 0.00	19.92 0.08 0.00	20.40 0.04 0.00	22.18 0.09 0.00	22.28 0.16 0.00	26.33 0.29 0.00	31.33 0.55 0.00	42.63 1.12 0.00	50.68 1.81 0.00	46.75 1.93 0.00	43.96 1.73 0.00	35.06 1.38 0.00	30.07 1.16 0.00	26.97 0.96 0.00
BRDGHMPT_69_KV_BK1 55812	29.55 0.92 0.00	26.95 0.66 0.00	24.46 0.50 0.00	23.24 0.50 0.00	23.02 0.58 0.00	23.44 0.53 0.00	26.36 0.52 0.00	25.82 0.51 0.00	24.45 0.50 0.00	20.39 0.44 0.00	20.05 0.73 0.00	20.37 0.54 0.00	20.99 0.63 0.00	22.89 0.80 0.00	23.05 0.93 0.00	27.13 1.09 0.00	32.25 1.48 0.00	42.54 1.04 0.01	49.94 1.08 0.01	45.90 1.08 0.00	43.53 1.31 0.01	35.43 1.75 0.00	30.10 1.19 0.00	26.97 0.96 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	29.72 1.09 0.00	27.11 0.81 0.00	24.60 0.65 0.00	23.33 0.59 0.00	23.11 0.67 0.00	23.56 0.64 0.00	26.62 0.78 0.00	26.08 0.76 0.00	24.74 0.79 0.00	20.63 0.68 0.00	20.24 0.93 0.00	20.63 0.79 0.00	21.26 0.90 0.00	23.15 1.06 0.00	23.29 1.17 0.00	27.37 1.33 0.00	32.43 1.66 0.00	42.71 1.20 0.01	50.14 1.27 0.01	46.04 1.21 0.00	43.70 1.48 0.01	35.56 1.89 0.00	30.33 1.42 0.00	27.10 1.09 0.00
BRISTLHL_115KV_TB1 79998	28.09 -0.54 0.00	25.82 -0.47 0.00	23.50 -0.46 0.00	22.31 -0.43 0.00	22.03 -0.40 0.00	22.50 -0.41 0.00	25.38 -0.47 0.00	24.94 -0.38 0.00	23.56 -0.38 0.00	19.81 -0.34 -0.19	19.65 -0.33 -0.66	20.20 -0.30 -0.66	20.06 -0.31 0.00	21.81 -0.31 -0.03	22.91 -0.31 -1.10	37.11 -0.36 -11.44	40.04 -0.49 -9.76	57.08 -0.62 -16.19	59.70 -0.73 -11.56	60.91 -0.67 -16.76	51.46 -0.63 -9.86	47.92 -0.54 -14.79	37.68 -0.43 -9.20	26.27 -0.34 -0.60
BROOKHAVEN___DRP 24191	29.29 0.66 0.00	26.71 0.42 0.00	24.24 0.29 0.00	23.04 0.30 0.00	22.81 0.38 0.00	23.24 0.32 0.00	26.20 0.36 0.00	25.72 0.41 0.00	24.38 0.43 0.00	20.33 0.38 0.00	19.95 0.64 0.00	20.31 0.48 0.00	20.93 0.57 0.00	22.80 0.71 0.00	22.94 0.82 0.00	26.98 0.94 0.00	32.00 1.23 0.00	42.17 0.66 0.01	49.55 0.68 0.01	45.50 0.67 0.00	43.11 0.89 0.01	35.12 1.45 0.00	29.90 0.98 0.00	26.71 0.70 0.00
BROOKLYN_NAVY_YARD 23515	29.72 1.09 0.00	27.24 0.95 0.00	24.79 0.84 0.00	23.51 0.77 0.00	23.17 0.74 0.00	23.69 0.78 0.00	26.72 0.88 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.85 0.90 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.34 0.98 0.00	23.11 1.02 0.00	23.16 1.04 0.00	27.24 1.20 0.00	32.22 1.45 0.00	43.34 1.82 0.00	50.73 1.86 0.00	46.53 1.70 0.00	44.17 1.94 0.00	35.26 1.58 0.00	30.19 1.27 0.00	27.10 1.09 0.00
BROOKLYN___ARMY_DRP 323595	29.87 1.23 0.00	27.39 1.10 0.00	24.91 0.96 0.00	23.63 0.89 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.85 1.01 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.91 0.96 0.00	20.26 0.95 0.00	20.77 0.93 0.00	21.42 1.06 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.26 1.22 0.00	32.28 1.51 0.00	43.51 1.99 0.00	51.12 2.25 0.00	46.66 1.84 0.00	44.47 2.24 0.00	35.39 1.72 0.00	30.33 1.42 0.00	27.26 1.25 0.00
BROOME_2_LFGE 323671	28.61 -0.03 0.00	26.32 0.03 0.00	23.96 0.00 0.00	22.69 -0.05 0.00	22.41 -0.02 0.00	22.85 -0.07 0.00	25.84 0.00 0.00	25.35 0.03 0.00	23.95 0.00 0.00	19.95 0.00 0.00	19.30 -0.02 0.00	19.94 0.10 0.00	20.44 0.08 0.00	22.23 0.13 -0.01	22.19 0.07 0.00	27.30 0.05 -1.20	33.05 0.00 -2.28	43.71 -0.04 -2.24	47.78 -0.10 0.99	46.18 -0.09 -1.44	40.60 0.08 1.71	34.89 0.03 -1.18	31.15 0.09 -2.15	26.37 0.16 -0.21
BROOME___LFGE 323600	28.61 -0.03 0.00	26.32 0.03 0.00	23.96 0.00 0.00	22.69 -0.05 0.00	22.41 -0.02 0.00	22.85 -0.07 0.00	25.84 0.00 0.00	25.35 0.03 0.00	23.95 0.00 0.00	19.95 0.00 0.00	19.30 -0.02 0.00	19.94 0.10 0.00	20.44 0.08 0.00	22.23 0.13 -0.01	22.19 0.07 0.00	27.30 0.05 -1.20	33.05 0.00 -2.28	43.71 -0.04 -2.24	47.78 -0.10 0.99	46.18 -0.09 -1.44	40.60 0.08 1.71	34.89 0.03 -1.18	31.15 0.09 -2.15	26.37 0.16 -0.21
BROWNFLS_115KV_TB 3_5 80003	29.09 0.46 0.00	26.68 0.39 0.00	24.29 0.34 0.00	23.06 0.32 0.00	22.75 0.31 0.00	23.19 0.27 0.00	26.20 0.36 0.00	25.67 0.35 0.00	24.26 0.31 0.00	24.05 0.14 -3.96	32.93 0.14 -13.48	33.53 0.16 -13.53	20.49 0.08 -0.05	22.18 0.09 -0.01	44.73 0.18 -22.43	46.13 0.26 -19.83	32.77 0.31 -1.69	52.51 0.54 -10.46	61.09 0.68 -11.53	78.48 0.76 -32.89	44.70 0.51 -1.96	35.96 0.44 -1.85	30.86 0.35 -1.59	26.29 0.16 -0.12
BROWNSV1_27_KV_LOAD 356125	29.95 1.32 0.00	27.47 1.18 0.00	24.99 1.03 0.00	23.67 0.93 0.00	23.35 0.92 0.00	23.88 0.96 0.00	27.00 1.16 0.00	26.46 1.14 0.00	25.12 1.17 0.00	21.01 1.06 0.00	20.38 1.06 0.00	20.87 1.03 0.00	21.50 1.14 0.00	23.28 1.19 0.00	23.34 1.22 0.00	27.42 1.38 0.00	32.46 1.69 0.00	43.63 2.12 0.00	51.32 2.44 0.00	46.93 2.11 0.00	44.59 2.36 0.00	35.56 1.89 0.00	30.45 1.53 0.00	27.31 1.30 0.00
BURROWS___LYONSDAL 23803	28.98 0.34 0.00	26.58 0.29 0.00	24.17 0.22 0.00	22.97 0.23 0.00	22.61 0.18 0.00	23.05 0.14 0.00	26.05 0.21 0.00	25.52 0.20 0.00	24.12 0.17 0.00	21.08 0.02 -1.10	23.05 -0.02 -3.76	23.63 0.02 -3.77	20.38 0.00 -0.01	22.12 0.02 -0.01	28.42 0.04 -6.26	32.70 0.16 -6.50	32.67 0.28 -1.62	46.51 0.54 -4.46	53.46 0.83 -3.76	56.19 0.85 -10.51	43.75 0.68 -0.85	35.85 0.40 -1.77	30.82 0.38 -1.52	26.31 0.18 -0.12
CAITHNESS_CC_1 323624	29.29 0.66 0.00	26.71 0.42 0.00	24.25 0.29 0.00	23.08 0.34 0.00	22.79 0.36 0.00	23.28 0.37 0.00	26.13 0.28 0.00	25.72 0.40 0.00	24.38 0.43 0.00	20.33 0.38 0.00	19.95 0.64 0.00	20.33 0.50 0.00	20.95 0.59 0.00	22.80 0.71 0.00	22.96 0.84 0.00	27.00 0.96 0.00	32.00 1.23 0.00	42.25 0.75 0.01	49.36 0.49 0.01	45.37 0.54 0.00	43.02 0.80 0.01	35.02 1.35 0.00	29.87 0.95 0.00	26.71 0.70 0.00
CALPINE BETH_PAGE_GT4 24209	29.69 1.06 0.00	27.13 0.84 0.00	24.63 0.67 0.00	23.35 0.61 0.00	23.11 0.67 0.00	23.56 0.64 0.00	26.64 0.80 0.00	26.08 0.76 0.00	24.74 0.79 0.00	20.67 0.72 0.00	20.22 0.91 0.00	20.65 0.81 0.00	21.28 0.92 0.00	23.13 1.04 0.00	23.25 1.13 0.00	27.26 1.22 0.00	32.00 1.23 0.00	42.30 0.79 0.01	49.70 0.83 0.01	45.59 0.76 0.00	43.23 1.01 0.01	35.05 1.38 0.00	30.07 1.16 0.00	26.95 0.94 0.00
CALPINE_BETH_PAGE_GT_4 323586	29.70 1.06 0.00	27.11 0.82 0.00	24.60 0.65 0.00	23.38 0.64 0.00	23.08 0.65 0.00	23.58 0.66 0.00	26.54 0.70 0.00	26.08 0.76 0.00	24.74 0.79 0.00	20.65 0.70 0.00	20.22 0.91 0.00	20.65 0.81 0.00	21.28 0.92 0.00	23.13 1.04 0.00	23.25 1.13 0.00	27.29 1.25 0.00	32.00 1.23 0.00	42.38 0.87 0.01	49.50 0.63 0.01	45.45 0.63 0.00	43.15 0.93 0.01	34.95 1.28 0.00	30.04 1.13 0.00	26.95 0.94 0.00
CALPINE_BP_GT1 23823	29.70 1.06 0.00	27.11 0.82 0.00	24.60 0.65 0.00	23.38 0.64 0.00	23.08 0.65 0.00	23.58 0.66 0.00	26.54 0.70 0.00	26.08 0.76 0.00	24.74 0.79 0.00	20.65 0.70 0.00	20.22 0.91 0.00	20.65 0.81 0.00	21.28 0.92 0.00	23.13 1.04 0.00	23.25 1.13 0.00	27.29 1.25 0.00	32.00 1.23 0.00	42.38 0.87 0.01	49.50 0.63 0.01	45.45 0.63 0.00	43.15 0.93 0.01	34.95 1.28 0.00	30.04 1.13 0.00	26.95 0.94 0.00
CALSPAN___DRP 24200	27.60 -1.03 0.00	25.48 -0.81 0.00	23.26 -0.69 0.00	21.97 -0.77 0.00	21.65 -0.79 0.00	21.91 -1.01 0.00	24.70 -1.14 0.00	24.66 -0.66 0.00	23.28 -0.67 0.00	19.53 -0.42 0.00	18.95 -0.37 0.00	19.82 -0.02 0.00	20.30 -0.06 0.00	22.21 0.11 -0.01	21.79 -0.33 0.00	23.02 -0.55 2.47	30.20 -0.89 -0.32	37.25 -1.54 2.73	38.89 -2.35 7.64	38.30 -2.29 4.24	31.81 -1.77 8.65	27.78 -1.28 4.62	28.32 -0.90 -0.30	26.00 -0.18 -0.17

CALVERTON___SOLAR 323806	29.29 0.66 0.00	26.71 0.42 0.00	24.25 0.29 0.00	23.10 0.36 0.00	22.81 0.38 0.00	23.28 0.37 0.00	26.13 0.28 0.00	25.75 0.43 0.00	24.38 0.43 0.00	20.31 0.36 0.00	19.95 0.64 0.00	20.31 0.48 0.00	20.91 0.55 0.00	22.78 0.69 0.00	22.94 0.82 0.00	27.00 0.96 0.00	32.03 1.26 0.00	42.29 0.79 0.01	49.41 0.54 0.01	45.41 0.58 0.00	43.06 0.84 0.01	35.06 1.38 0.00	29.87 0.95 0.00	26.74 0.73 0.00
CANDIGU_WT_PWR 323617	27.98 -0.66 0.00	25.76 -0.53 0.00	23.41 -0.55 0.00	22.08 -0.66 0.00	21.83 -0.60 0.00	22.09 -0.82 0.00	25.17 -0.67 0.00	24.69 -0.63 0.00	23.25 -0.70 0.00	19.39 -0.56 0.00	18.74 -0.58 0.00	19.52 -0.32 0.00	20.03 -0.33 0.00	21.86 -0.24 -0.01	21.68 -0.44 0.00	24.84 -0.63 0.58	31.30 -0.89 -1.42	40.04 -1.33 0.14	42.97 -1.52 4.39	41.96 -1.52 1.34	35.71 -1.23 5.29	31.03 -0.98 1.67	29.53 -0.72 -1.34	25.79 -0.42 -0.20
CARR STREET_E_SYR 24060	28.26 -0.37 0.00	25.98 -0.31 0.00	23.64 -0.31 0.00	22.44 -0.30 0.00	22.16 -0.27 0.00	22.62 -0.30 0.00	25.58 -0.26 0.00	25.07 -0.25 0.00	23.68 -0.26 0.00	19.90 -0.22 -0.16	19.64 -0.23 -0.56	20.22 -0.18 -0.56	20.18 -0.18 0.00	21.93 -0.18 -0.02	22.87 -0.18 -0.93	27.79 -0.21 -1.96	33.40 -0.37 -2.99	43.76 -0.58 -2.83	46.28 -0.64 1.96	46.72 -0.63 -2.52	38.26 -0.55 3.42	34.05 -0.47 -0.85	31.45 -0.29 -2.82	26.12 -0.18 -0.29
CARTHAGE___PAPER 23857	29.09 0.46 0.00	26.66 0.37 0.00	24.27 0.31 0.00	23.03 0.29 0.00	22.70 0.27 0.00	23.14 0.23 0.00	26.18 0.34 0.00	25.63 0.30 0.00	24.16 0.22 0.00	21.73 0.00 -1.78	25.33 -0.04 -6.05	25.89 -0.02 -6.08	20.32 -0.06 -0.02	22.06 -0.04 -0.01	32.24 0.04 -10.07	37.30 0.18 -11.07	34.37 0.28 -3.32	50.32 0.66 -8.15	56.38 1.13 -6.38	63.80 1.21 -17.76	44.71 0.93 -1.56	37.91 0.61 -3.63	32.56 0.52 -3.13	26.51 0.26 -0.24
CASSADAGA_WT_PWR 323784	27.49 -1.15 0.00	25.42 -0.87 0.00	23.10 -0.86 0.00	21.65 -1.09 0.00	21.47 -0.96 0.00	21.49 -1.42 0.00	24.68 -1.16 0.00	24.23 -1.09 0.00	22.89 -1.05 0.00	19.28 -0.68 0.00	18.72 -0.60 0.00	19.64 -0.20 0.00	20.22 -0.14 0.00	22.19 0.09 -0.01	21.92 -0.20 0.00	23.46 -0.36 2.22	30.50 -0.74 -0.47	37.67 -1.45 2.39	39.42 -2.25 7.21	38.41 -2.55 3.86	31.83 -2.20 8.20	27.60 -1.85 4.23	27.94 -1.42 -0.44	25.33 -0.86 -0.18
CE_DUNWOOD___DRP 24194	29.64 1.00 0.00	27.18 0.89 0.00	24.75 0.79 0.00	23.47 0.73 0.00	23.15 0.72 0.00	23.67 0.76 0.00	26.72 0.88 0.00	26.15 0.84 0.00	24.81 0.86 0.00	20.73 0.78 0.00	20.11 0.79 0.00	20.59 0.75 0.00	21.22 0.86 0.00	22.97 0.88 0.00	23.03 0.91 0.00	27.06 1.02 0.00	31.97 1.20 0.00	43.01 1.49 0.00	50.63 1.76 0.00	46.35 1.52 0.00	44.00 1.77 0.00	35.09 1.41 0.00	30.07 1.16 0.00	26.97 0.96 0.00
CE_MILLWOOD___DRP 24193	29.58 0.94 0.00	27.16 0.87 0.00	24.70 0.74 0.00	23.42 0.68 0.00	23.13 0.70 0.00	23.63 0.71 0.00	26.67 0.83 0.00	26.13 0.81 0.00	24.76 0.81 0.00	20.69 0.74 0.00	20.05 0.73 0.00	20.55 0.71 0.00	21.16 0.79 0.00	22.91 0.82 0.00	22.96 0.84 0.00	27.00 0.96 0.00	31.91 1.14 0.00	42.92 1.41 0.00	50.54 1.66 0.00	46.26 1.43 0.00	43.92 1.69 0.00	35.02 1.35 0.00	30.02 1.10 0.00	26.92 0.91 0.00
CE_NYC2_DRP 24202	29.81 1.17 0.00	27.34 1.05 0.00	24.89 0.93 0.00	23.58 0.84 0.00	23.28 0.85 0.00	23.74 0.82 0.00	26.82 0.98 0.00	26.25 0.94 0.00	24.91 0.96 0.00	20.87 0.92 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.38 1.02 0.00	23.11 1.02 0.00	23.16 1.04 0.00	27.19 1.15 0.00	32.16 1.38 0.00	43.30 1.79 0.00	50.88 2.00 0.00	46.53 1.70 0.00	44.21 1.98 0.00	35.26 1.58 0.00	30.28 1.36 0.00	27.18 1.17 0.00
CE_NYC_DRP 24195	29.78 1.15 0.00	27.32 1.03 0.00	24.84 0.89 0.00	23.56 0.82 0.00	23.24 0.81 0.00	23.76 0.85 0.00	26.85 1.01 0.00	26.31 0.99 0.00	24.95 1.01 0.00	20.89 0.94 0.00	20.26 0.95 0.00	20.75 0.91 0.00	21.38 1.02 0.00	23.13 1.04 0.00	23.21 1.08 0.00	27.26 1.22 0.00	32.25 1.48 0.00	43.34 1.83 0.00	50.93 2.05 0.00	46.62 1.79 0.00	44.30 2.07 0.00	35.32 1.65 0.00	30.28 1.36 0.00	27.16 1.14 0.00
CHAFFEE___LFGE 323603	27.63 -1.00 0.00	25.58 -0.71 0.00	23.33 -0.62 0.00	21.97 -0.77 0.00	21.80 -0.63 0.00	21.88 -1.03 0.00	25.14 -0.70 0.00	24.66 -0.66 0.00	23.30 -0.65 0.00	19.55 -0.40 0.00	18.97 -0.35 0.00	19.84 0.00 0.00	20.32 -0.04 0.00	22.21 0.11 -0.01	21.81 -0.31 0.00	23.20 -0.52 2.32	30.29 -0.89 -0.41	37.37 -1.62 2.53	39.39 -2.10 7.38	38.71 -2.11 4.01	32.33 -1.52 8.38	28.11 -1.18 4.38	28.52 -0.78 -0.38	26.03 -0.16 -0.17
CHATEAUG_35_KV_LOAD 355732	29.32 0.69 0.00	26.89 0.60 0.00	24.53 0.57 0.00	23.29 0.55 0.00	23.04 0.61 0.00	23.56 0.64 0.00	26.56 0.72 0.00	26.05 0.73 0.00	24.69 0.74 0.00	21.46 0.64 -0.86	22.91 0.66 -2.94	23.47 0.67 -2.95	21.06 0.69 -0.01	22.80 0.71 0.00	27.79 0.77 -4.90	30.91 0.86 -4.02	31.82 1.05 0.00	44.67 1.37 -1.78	52.49 1.27 -2.34	52.56 0.99 -6.75	42.98 0.42 -0.33	33.84 0.17 0.00	28.92 0.00 0.00	25.96 -0.05 0.00
CHATEAUG_WT_PWR 323614	29.29 0.66 0.00	26.90 0.61 0.00	24.51 0.55 0.00	23.28 0.54 0.00	23.01 0.58 0.00	23.58 0.66 0.00	26.56 0.72 0.00	26.05 0.73 0.00	24.69 0.74 0.00	20.93 0.64 -0.34	21.13 0.68 -1.14	21.68 0.69 -1.15	21.06 0.69 0.00	22.82 0.73 0.00	24.79 0.77 -1.90	28.46 0.86 -1.56	31.82 1.05 0.00	43.57 1.37 -0.69	51.15 1.37 -0.91	48.39 0.94 -2.62	42.74 0.38 -0.13	33.81 0.14 0.00	28.89 -0.03 0.00	25.93 -0.08 0.00
CHAT_HIGH_FALL_HYD 323578	29.32 0.69 0.00	26.89 0.60 0.00	24.53 0.57 0.00	23.29 0.55 0.00	23.04 0.61 0.00	23.56 0.64 0.00	26.56 0.72 0.00	26.05 0.73 0.00	24.69 0.74 0.00	21.46 0.64 -0.86	22.91 0.66 -2.94	23.47 0.67 -2.95	21.06 0.69 -0.01	22.80 0.71 0.00	27.79 0.77 -4.90	30.91 0.86 -4.02	31.82 1.05 0.00	44.67 1.37 -1.78	52.49 1.27 -2.34	52.56 0.99 -6.75	42.98 0.42 -0.33	33.84 0.17 0.00	28.92 0.00 0.00	25.96 -0.05 0.00
CHAUTAUQUA___LFGE 323629	27.69 -0.94 0.00	25.61 -0.68 0.00	23.31 -0.65 0.00	21.92 -0.82 0.00	21.74 -0.70 0.00	21.84 -1.08 0.00	25.04 -0.80 0.00	24.59 -0.74 0.00	23.23 -0.72 0.00	19.50 -0.46 0.00	18.93 -0.39 0.00	19.84 0.00 0.00	20.36 0.00 0.00	22.28 0.18 -0.01	21.97 -0.15 0.00	23.38 -0.34 2.32	30.47 -0.71 -0.41	37.61 -1.37 2.53	39.48 -2.01 7.39	38.66 -2.15 4.02	32.24 -1.60 8.39	27.97 -1.31 4.39	28.40 -0.90 -0.38	25.85 -0.34 -0.17
CHERRYST_13_KV_LD 356241	29.84 1.20 0.00	27.37 1.08 0.00	24.91 0.96 0.00	23.60 0.86 0.00	23.31 0.87 0.00	23.81 0.89 0.00	26.93 1.09 0.00	26.38 1.06 0.00	25.03 1.08 0.00	20.95 1.00 0.00	20.30 0.99 0.00	20.81 0.97 0.00	21.44 1.08 0.00	23.19 1.10 0.00	23.25 1.13 0.00	27.32 1.28 0.00	32.31 1.54 0.00	43.46 1.95 0.00	51.07 2.20 0.00	46.75 1.93 0.00	44.42 2.20 0.00	35.39 1.72 0.00	30.33 1.42 0.00	27.23 1.22 0.00

CHESTROR_138KV_BK263 355645	29.35 0.72 0.00	26.95 0.66 0.00	24.53 0.57 0.00	23.26 0.52 0.00	22.97 0.54 0.00	23.47 0.55 0.00	26.49 0.65 0.00	25.90 0.58 0.00	24.55 0.60 0.00	20.49 0.54 0.00	19.84 0.52 0.00	20.33 0.50 0.00	20.93 0.57 0.00	22.66 0.57 0.00	22.72 0.60 0.00	26.74 0.70 0.00	31.60 0.83 0.00	42.55 1.04 0.00	50.15 1.27 0.00	45.90 1.08 0.00	43.54 1.31 0.00	34.68 1.01 0.00	29.76 0.84 0.00	26.71 0.70 0.00
CH_MIDHUDSON___DRP 24192	29.55 0.92 0.00	27.11 0.81 0.00	24.68 0.72 0.00	23.42 0.68 0.00	23.11 0.67 0.00	23.63 0.71 0.00	26.64 0.80 0.00	26.05 0.73 0.00	24.67 0.72 0.00	20.59 0.64 0.00	19.93 0.62 0.00	20.41 0.58 0.00	21.01 0.65 0.00	22.77 0.68 0.00	22.83 0.71 0.00	26.87 0.83 0.00	31.76 0.98 0.00	42.84 1.33 0.00	50.54 1.66 0.00	46.22 1.39 0.00	43.79 1.56 0.00	34.89 1.21 0.00	29.90 0.98 0.00	26.84 0.83 0.00
CH_MISC_IPPS 23765	29.64 1.00 0.00	27.18 0.89 0.00	24.75 0.79 0.00	23.49 0.75 0.00	23.17 0.74 0.00	23.69 0.78 0.00	26.67 0.83 0.00	26.13 0.81 0.00	24.71 0.77 0.00	20.63 0.68 0.00	19.97 0.66 0.00	20.45 0.62 0.00	21.07 0.71 0.00	22.82 0.73 0.00	22.87 0.75 0.00	26.98 0.94 0.00	31.91 1.14 0.00	43.09 1.58 0.00	50.63 1.76 0.00	46.44 1.61 0.00	44.00 1.77 0.00	34.99 1.31 0.00	29.99 1.07 0.00	26.97 0.96 0.00
CH_RES_BVR_FALLS 23983	28.46 -0.17 0.00	26.00 -0.29 0.00	23.62 -0.34 0.00	22.38 -0.36 0.00	22.05 -0.38 0.00	22.53 -0.39 0.00	25.38 -0.46 0.00	24.86 -0.45 0.00	23.56 -0.38 0.00	19.49 -0.26 0.20	18.43 -0.19 0.69	18.98 -0.16 0.69	20.19 -0.16 0.00	21.94 -0.15 0.00	20.84 -0.13 1.15	24.94 -0.16 0.94	30.59 -0.18 0.00	40.85 -0.25 0.42	47.93 -0.39 0.55	42.70 -0.54 1.59	41.39 -0.76 0.08	33.00 -0.67 0.00	28.28 -0.64 0.00	25.39 -0.62 0.00
CH_RES_NIAGARA 23895	27.20 -1.43 0.00	25.13 -1.16 0.00	22.73 -1.22 0.00	21.51 -1.23 0.00	21.20 -1.23 0.00	21.49 -1.42 0.00	24.19 -1.65 0.00	24.23 -1.09 0.00	22.87 -1.08 0.00	19.16 -0.80 0.00	18.58 -0.73 0.00	19.40 -0.44 0.00	19.87 -0.49 0.00	21.99 -0.11 -0.01	21.24 -0.88 0.00	21.92 -1.25 2.87	29.11 -1.75 -0.10	35.54 -2.74 3.23	36.84 -3.76 8.27	36.44 -3.59 4.80	29.98 -2.87 9.38	26.36 -2.05 5.26	27.47 -1.50 -0.05	25.84 -0.34 -0.17
CH_RES_SYRACUSE 23985	28.38 -0.26 0.00	26.08 -0.21 0.00	23.74 -0.22 0.00	22.53 -0.21 0.00	22.25 -0.18 0.00	22.71 -0.21 0.00	25.69 -0.15 0.00	25.20 -0.13 -0.01	23.80 -0.14 0.00	19.96 -0.14 -0.14	19.65 -0.16 -0.49	20.25 -0.08 -0.49	20.28 -0.08 0.00	22.05 -0.07 -0.02	22.87 -0.07 -0.81	31.29 -0.08 -5.33	36.16 -0.12 -5.51	49.07 -0.17 -7.72	51.71 -0.15 -2.98	52.25 -0.13 -7.56	43.61 -0.13 -1.51	39.57 -0.13 -6.03	34.02 -0.09 -5.19	26.36 -0.05 -0.40
CLINTON_WT_PWR 323605	29.29 0.66 0.00	26.90 0.61 0.00	24.51 0.55 0.00	23.28 0.54 0.00	23.01 0.58 0.00	23.58 0.66 0.00	26.56 0.72 0.00	26.05 0.73 0.00	24.69 0.74 0.00	20.93 0.64 -0.34	21.13 0.68 -1.14	21.68 0.69 -1.15	21.06 0.69 0.00	22.82 0.73 0.00	24.79 0.77 -1.90	28.46 0.86 -1.56	31.82 1.05 0.00	43.57 1.37 -0.69	51.15 1.37 -0.91	48.39 0.94 -2.62	42.74 0.38 -0.13	33.81 0.14 0.00	28.89 -0.03 0.00	25.93 -0.08 0.00
CLINTON___LFGE 323618	29.81 1.17 0.00	27.34 1.05 0.00	24.94 0.98 0.00	23.69 0.95 0.00	23.44 1.01 0.00	23.99 1.08 0.00	27.06 1.21 0.00	26.53 1.22 0.00	25.14 1.20 0.00	21.53 1.06 -0.52	22.17 1.08 -1.77	22.72 1.11 -1.78	21.51 1.14 -0.01	23.26 1.17 0.00	26.33 1.26 -2.95	29.86 1.41 -2.42	32.46 1.69 0.00	44.78 2.20 -1.07	52.63 2.35 -1.41	50.59 1.70 -4.06	43.44 1.01 -0.20	34.31 0.64 0.00	29.27 0.35 0.00	26.24 0.23 0.00
COBBLENY_34_KV_TB1 80064	27.60 -1.03 0.00	25.48 -0.81 0.00	23.26 -0.69 0.00	21.97 -0.77 0.00	21.65 -0.79 0.00	21.88 -1.03 0.00	24.70 -1.14 0.00	24.66 -0.66 0.00	23.30 -0.65 0.00	19.53 -0.42 0.00	18.97 -0.35 0.00	19.82 -0.02 0.00	20.32 -0.04 0.00	22.23 0.13 -0.01	21.83 -0.29 0.00	23.20 -0.52 2.32	30.35 -0.83 -0.41	37.57 -1.41 2.53	39.29 -2.20 7.38	38.66 -2.15 4.01	32.16 -1.69 8.38	28.04 -1.25 4.38	28.43 -0.87 -0.38	26.03 -0.16 -0.17
COFFEEN___115KV_TB3 355620	29.26 0.63 0.00	26.84 0.55 0.00	24.41 0.46 0.00	23.19 0.45 0.00	22.84 0.40 0.00	23.33 0.41 0.00	26.38 0.54 0.00	25.85 0.53 0.00	24.31 0.36 0.00	21.50 0.08 -1.47	24.31 0.00 -5.00	24.89 0.04 -5.02	20.38 0.00 -0.02	22.15 0.04 -0.02	30.55 0.11 -8.32	36.55 0.31 -10.19	35.28 0.52 -3.98	50.95 1.04 -8.40	56.39 1.66 -5.86	62.78 1.84 -16.12	45.41 1.56 -1.62	39.01 0.98 -4.36	33.54 0.87 -3.75	26.82 0.52 -0.29
COLDSPRG_115KV_BK1 355956	27.83 -0.80 0.00	25.66 -0.63 0.00	23.36 -0.60 0.00	22.01 -0.73 0.00	21.69 -0.74 0.00	21.88 -1.03 0.00	24.73 -1.11 0.00	24.66 -0.66 0.00	23.28 -0.67 0.00	19.55 -0.40 0.00	18.99 -0.33 0.00	19.90 0.06 0.00	20.42 0.06 0.00	22.41 0.31 -0.01	22.10 -0.02 0.00	23.83 -0.16 2.06	30.93 -0.40 -0.56	38.39 -0.95 2.17	40.19 -1.76 6.93	39.29 -1.93 3.61	32.79 -1.52 7.91	28.52 -1.18 3.97	28.58 -0.87 -0.53	25.93 -0.26 -0.18
COLONIE_LFGE___ 323577	29.35 0.72 0.00	26.95 0.66 0.00	24.60 0.65 0.00	23.40 0.66 0.00	23.04 0.61 0.00	23.56 0.64 0.00	26.49 0.65 0.00	25.87 0.56 0.00	24.40 0.45 0.00	20.29 0.34 0.00	19.61 0.29 0.00	20.04 0.20 0.00	20.52 0.16 0.00	22.29 0.20 0.00	22.34 0.22 0.00	26.35 0.31 0.00	31.20 0.43 0.00	42.30 0.79 0.00	50.10 1.22 0.00	46.04 1.21 0.00	43.28 1.06 0.00	34.55 0.87 0.00	29.64 0.72 0.00	26.63 0.62 0.00
COOPERNY_115KV_TB1 80082	29.12 0.49 0.00	26.74 0.45 0.00	24.34 0.38 0.00	23.10 0.36 0.00	22.79 0.36 0.00	23.28 0.37 0.00	26.28 0.44 0.00	25.72 0.41 0.00	24.38 0.43 0.00	20.33 0.38 0.00	19.68 0.37 0.00	20.19 0.36 0.00	20.77 0.41 0.00	22.51 0.42 0.00	22.54 0.42 0.00	26.53 0.49 0.00	31.33 0.55 0.00	42.22 0.71 0.00	49.71 0.83 0.00	45.54 0.72 0.00	43.16 0.93 0.00	34.38 0.71 0.00	29.50 0.58 0.00	26.51 0.49 0.00
COPENHAGEN_WT_PWR 323753	29.07 0.43 0.00	26.66 0.37 0.00	24.27 0.31 0.00	23.03 0.29 0.00	22.70 0.27 0.00	23.17 0.25 0.00	26.23 0.39 0.00	25.68 0.35 0.00	24.16 0.22 0.00	21.34 0.00 -1.39	23.97 -0.06 -4.71	24.55 -0.02 -4.73	20.32 -0.06 -0.02	22.08 -0.02 -0.02	29.99 0.02 -7.85	36.18 0.18 -9.96	35.24 0.31 -4.16	50.65 0.66 -8.47	55.76 1.17 -5.72	61.81 1.30 -15.68	44.95 1.10 -1.63	38.90 0.67 -4.55	33.44 0.61 -3.92	26.65 0.34 -0.31
CORNELL_____ 23752	28.86 0.23 0.00	26.53 0.24 0.00	24.12 0.17 0.00	22.88 0.14 0.00	22.59 0.16 0.00	23.08 0.16 0.00	26.05 0.21 0.00	25.62 0.30 0.00	24.16 0.22 0.00	20.05 0.10 0.00	19.35 0.04 0.00	19.98 0.14 0.00	20.50 0.14 0.00	22.30 0.20 -0.01	22.32 0.20 0.00	28.27 0.26 -1.97	34.29 0.37 -3.14	45.57 0.62 -3.43	49.25 0.88 0.50	48.09 0.76 -2.50	41.55 0.72 1.39	36.36 0.51 -2.18	32.31 0.43 -2.96	26.67 0.39 -0.27

CORONAAV_69_KV_TB1 355595	29.81 1.17 0.00	27.24 0.95 0.00	24.72 0.77 0.00	23.44 0.70 0.00	23.17 0.74 0.00	23.65 0.73 0.00	26.72 0.88 0.00	26.18 0.86 0.00	24.83 0.89 0.00	20.75 0.80 0.00	20.28 0.97 0.00	20.71 0.87 0.00	21.34 0.98 0.00	23.19 1.10 0.00	23.29 1.17 0.00	27.37 1.33 0.00	32.34 1.57 0.00	42.92 1.41 0.01	50.43 1.56 0.01	46.26 1.43 0.00	43.87 1.65 0.01	35.43 1.75 0.00	30.33 1.42 0.00	27.16 1.14 0.00
CORTLAND_115KV_TB3 80093	28.69 0.06 0.00	26.37 0.08 0.00	23.98 0.02 0.00	22.76 0.02 0.00	22.45 0.02 0.00	22.94 0.02 0.00	25.89 0.05 0.00	25.44 0.13 0.00	24.02 0.07 0.00	20.09 0.00 -0.14	19.76 -0.02 -0.47	20.37 0.06 -0.47	20.42 0.06 0.00	22.19 0.09 -0.01	22.99 0.09 -0.78	29.90 0.10 -3.75	34.60 0.15 -3.68	47.00 0.25 -5.24	51.32 0.34 -2.10	50.52 0.31 -5.38	43.59 0.34 -1.02	37.90 0.20 -4.02	32.58 0.20 -3.46	26.49 0.21 -0.27
COXSACKIE___GT 23611	29.55 0.92 0.00	27.16 0.87 0.00	24.79 0.84 0.00	23.56 0.82 0.00	23.22 0.78 0.00	23.74 0.82 0.00	26.67 0.83 0.00	25.87 0.56 0.00	24.24 0.29 0.00	20.09 0.14 0.00	19.30 -0.02 0.00	19.70 -0.14 0.00	20.26 -0.10 0.00	22.02 -0.07 0.00	22.10 -0.02 0.00	26.22 0.18 0.00	31.36 0.58 0.00	42.72 1.20 0.00	50.83 1.96 0.00	46.53 1.70 0.00	43.79 1.56 0.00	34.68 1.01 0.00	29.84 0.93 0.00	26.84 0.83 0.00
CPV_VALLEY___CC1 323721	29.15 0.52 0.00	26.79 0.50 0.00	24.39 0.43 0.00	23.15 0.41 0.00	22.81 0.38 0.00	23.33 0.41 0.00	26.25 0.41 0.00	25.77 0.46 0.00	24.40 0.45 0.00	20.37 0.42 0.00	19.74 0.42 0.00	20.23 0.40 0.00	20.81 0.45 0.00	22.55 0.46 0.00	22.59 0.47 0.00	26.59 0.55 0.00	31.39 0.62 0.00	42.30 0.79 0.00	49.71 0.83 0.00	45.59 0.76 0.00	43.20 0.97 0.00	34.45 0.78 0.00	29.53 0.61 0.00	26.56 0.55 0.00
CPV_VALLEY___CC2 323722	29.15 0.52 0.00	26.79 0.50 0.00	24.39 0.43 0.00	23.15 0.41 0.00	22.81 0.38 0.00	23.33 0.41 0.00	26.25 0.41 0.00	25.77 0.46 0.00	24.40 0.45 0.00	20.37 0.42 0.00	19.74 0.42 0.00	20.23 0.40 0.00	20.81 0.45 0.00	22.55 0.46 0.00	22.59 0.47 0.00	26.59 0.55 0.00	31.39 0.62 0.00	42.30 0.79 0.00	49.71 0.83 0.00	45.59 0.76 0.00	43.20 0.97 0.00	34.45 0.78 0.00	29.53 0.61 0.00	26.56 0.55 0.00
CRESCENT___HYD 24018	29.35 0.72 0.00	26.95 0.66 0.00	24.60 0.65 0.00	23.40 0.66 0.00	23.04 0.61 0.00	23.56 0.64 0.00	26.49 0.65 0.00	25.87 0.56 0.00	24.40 0.45 0.00	20.29 0.34 0.00	19.61 0.29 0.00	20.04 0.20 0.00	20.52 0.16 0.00	22.29 0.20 0.00	22.34 0.22 0.00	26.35 0.31 0.00	31.20 0.43 0.00	42.30 0.79 0.00	50.10 1.22 0.00	46.04 1.21 0.00	43.28 1.06 0.00	34.55 0.87 0.00	29.64 0.72 0.00	26.63 0.62 0.00
CRICKET___VALLEY_CC1 323756	29.24 0.60 0.00	26.84 0.55 0.00	24.46 0.50 0.00	23.26 0.52 0.00	22.93 0.49 0.00	23.44 0.53 0.00	26.36 0.52 0.00	25.82 0.51 0.00	24.45 0.50 0.00	20.39 0.44 0.00	19.78 0.46 0.00	20.23 0.40 0.00	20.79 0.43 0.00	22.51 0.42 0.00	22.56 0.44 0.00	26.56 0.52 0.00	31.36 0.58 0.00	42.34 0.83 0.00	49.90 1.03 0.00	45.81 0.98 0.00	43.28 1.06 0.00	34.55 0.87 0.00	29.61 0.69 0.00	26.61 0.60 0.00
CRICKET___VALLEY_CC2 323757	29.24 0.60 0.00	26.84 0.55 0.00	24.46 0.50 0.00	23.26 0.52 0.00	22.93 0.49 0.00	23.44 0.53 0.00	26.36 0.52 0.00	25.82 0.51 0.00	24.45 0.50 0.00	20.39 0.44 0.00	19.78 0.46 0.00	20.23 0.40 0.00	20.79 0.43 0.00	22.51 0.42 0.00	22.56 0.44 0.00	26.56 0.52 0.00	31.36 0.58 0.00	42.34 0.83 0.00	49.90 1.03 0.00	45.81 0.98 0.00	43.28 1.06 0.00	34.55 0.87 0.00	29.61 0.69 0.00	26.61 0.60 0.00
CRICKET___VALLEY_CC3 323758	29.24 0.60 0.00	26.84 0.55 0.00	24.46 0.50 0.00	23.26 0.52 0.00	22.93 0.49 0.00	23.44 0.53 0.00	26.36 0.52 0.00	25.82 0.51 0.00	24.45 0.50 0.00	20.39 0.44 0.00	19.78 0.46 0.00	20.23 0.40 0.00	20.79 0.43 0.00	22.51 0.42 0.00	22.56 0.44 0.00	26.56 0.52 0.00	31.36 0.58 0.00	42.34 0.83 0.00	49.90 1.03 0.00	45.81 0.98 0.00	43.28 1.06 0.00	34.55 0.87 0.00	29.61 0.69 0.00	26.61 0.60 0.00
CRUCIBLE_METL_DRP 24180	28.38 -0.26 0.00	26.08 -0.21 0.00	23.74 -0.22 0.00	22.54 -0.20 0.00	22.23 -0.20 0.00	22.71 -0.21 0.00	25.63 -0.21 0.00	25.19 -0.13 0.00	23.80 -0.14 0.00	19.96 -0.14 -0.14	19.65 -0.15 -0.49	20.25 -0.08 -0.49	20.28 -0.08 0.00	22.04 -0.07 -0.02	22.87 -0.07 -0.81	31.26 -0.10 -5.33	36.16 -0.12 -5.51	49.11 -0.12 -7.72	51.71 -0.15 -2.98	52.25 -0.13 -7.56	43.57 -0.17 -1.51	39.53 -0.17 -6.03	33.99 -0.12 -5.19	26.36 -0.05 -0.40
DAHOWA___HYDRO 323763	29.87 1.23 0.00	27.42 1.13 0.00	25.06 1.10 0.00	23.81 1.07 0.00	23.42 0.99 0.00	23.92 1.01 0.00	26.95 1.11 0.00	26.30 0.99 0.00	24.67 0.72 0.00	20.43 0.48 0.00	19.55 0.23 0.00	19.94 0.10 0.00	20.40 0.04 0.00	22.20 0.11 0.00	22.30 0.18 0.00	26.38 0.34 0.00	31.42 0.65 0.00	42.84 1.33 0.00	50.93 2.05 0.00	47.02 2.20 0.00	44.21 1.99 0.00	35.22 1.55 0.00	30.22 1.30 0.00	27.08 1.07 0.00
DANC___LFGE 323619	28.66 0.03 0.00	26.32 0.03 0.00	23.96 0.00 0.00	22.74 0.00 0.00	22.43 0.00 0.00	22.89 -0.02 0.00	25.89 0.05 0.00	25.37 0.05 -0.01	23.92 -0.02 0.00	20.75 -0.14 -0.93	22.31 -0.17 -3.17	22.88 -0.14 -3.18	20.21 -0.16 -0.01	21.96 -0.15 -0.02	27.29 -0.11 -5.27	34.66 -0.05 -8.67	35.81 -0.09 -5.13	50.40 0.04 -8.85	54.11 0.30 -4.94	58.50 0.40 -13.27	44.28 0.34 -1.71	39.49 0.20 -5.62	33.98 0.23 -4.83	26.47 0.08 -0.38
DANSKAMMER___1 23586	29.64 1.00 0.00	27.18 0.89 0.00	24.75 0.79 0.00	23.49 0.75 0.00	23.17 0.74 0.00	23.69 0.78 0.00	26.67 0.83 0.00	26.13 0.81 0.00	24.71 0.77 0.00	20.63 0.68 0.00	19.97 0.66 0.00	20.45 0.62 0.00	21.07 0.71 0.00	22.82 0.73 0.00	22.87 0.75 0.00	26.98 0.94 0.00	31.91 1.14 0.00	43.09 1.58 0.00	50.63 1.76 0.00	46.44 1.61 0.00	44.00 1.77 0.00	34.99 1.31 0.00	29.99 1.07 0.00	26.97 0.96 0.00
DANSKAMMER___2 23589	29.64 1.00 0.00	27.18 0.89 0.00	24.75 0.79 0.00	23.49 0.75 0.00	23.17 0.74 0.00	23.69 0.78 0.00	26.67 0.83 0.00	26.13 0.81 0.00	24.71 0.77 0.00	20.63 0.68 0.00	19.97 0.66 0.00	20.45 0.62 0.00	21.07 0.71 0.00	22.82 0.73 0.00	22.87 0.75 0.00	26.98 0.94 0.00	31.91 1.14 0.00	43.09 1.58 0.00	50.63 1.76 0.00	46.44 1.61 0.00	44.00 1.77 0.00	34.99 1.31 0.00	29.99 1.07 0.00	26.97 0.96 0.00
DANSKAMMER___3 23590	29.64 1.00 0.00	27.18 0.89 0.00	24.75 0.79 0.00	23.49 0.75 0.00	23.17 0.74 0.00	23.69 0.78 0.00	26.67 0.83 0.00	26.13 0.81 0.00	24.71 0.77 0.00	20.63 0.68 0.00	19.97 0.66 0.00	20.45 0.62 0.00	21.07 0.71 0.00	22.82 0.73 0.00	22.87 0.75 0.00	26.98 0.94 0.00	31.91 1.14 0.00	43.09 1.58 0.00	50.63 1.76 0.00	46.44 1.61 0.00	44.00 1.77 0.00	34.99 1.31 0.00	29.99 1.07 0.00	26.97 0.96 0.00

DANSKAMMER___4 23591	29.64 1.00 0.00	27.18 0.89 0.00	24.75 0.79 0.00	23.49 0.75 0.00	23.17 0.74 0.00	23.69 0.78 0.00	26.67 0.83 0.00	26.13 0.81 0.00	24.71 0.77 0.00	20.63 0.68 0.00	19.97 0.66 0.00	20.45 0.62 0.00	21.07 0.71 0.00	22.82 0.73 0.00	22.87 0.75 0.00	26.98 0.94 0.00	31.91 1.14 0.00	43.09 1.58 0.00	50.63 1.76 0.00	46.44 1.61 0.00	44.00 1.77 0.00	34.99 1.31 0.00	29.99 1.07 0.00	26.97 0.96 0.00
DANSKAMMER___DIESEL 23592	29.64 1.00 0.00	27.21 0.92 0.00	24.77 0.81 0.00	23.49 0.75 0.00	23.17 0.74 0.00	23.72 0.80 0.00	26.75 0.90 0.00	26.13 0.81 0.00	24.71 0.77 0.00	20.65 0.70 0.00	19.97 0.66 0.00	20.45 0.61 0.00	21.07 0.71 0.00	22.84 0.75 0.00	22.87 0.75 0.00	26.95 0.91 0.00	31.91 1.14 0.00	43.05 1.54 0.00	50.78 1.91 0.00	46.44 1.61 0.00	44.00 1.77 0.00	35.02 1.35 0.00	30.02 1.10 0.00	26.97 0.96 0.00
DARBY___SOLAR 323810	29.75 1.12 0.00	27.31 1.02 0.00	24.96 1.01 0.00	23.69 0.95 0.00	23.33 0.90 0.00	23.86 0.94 0.00	26.85 1.01 0.00	26.20 0.89 0.00	24.59 0.65 0.00	20.37 0.42 0.00	19.53 0.21 0.00	19.92 0.08 0.00	20.40 0.04 0.00	22.18 0.09 0.00	22.26 0.13 0.00	26.33 0.29 0.00	31.36 0.58 0.00	42.72 1.20 0.00	50.78 1.90 0.00	46.80 1.97 0.00	44.00 1.77 0.00	35.09 1.41 0.00	30.07 1.16 0.00	27.00 0.99 0.00
DASHVILLE___HYD 23610	29.41 0.77 0.00	27.00 0.71 0.00	24.56 0.60 0.00	23.31 0.57 0.00	22.99 0.56 0.00	23.51 0.60 0.00	26.51 0.67 0.00	25.87 0.56 0.00	24.47 0.53 0.00	20.45 0.50 0.00	19.80 0.48 0.00	20.27 0.44 0.00	20.89 0.53 0.00	22.62 0.53 0.00	22.67 0.55 0.00	26.69 0.65 0.00	31.57 0.80 0.00	42.59 1.08 0.00	50.19 1.32 0.00	45.90 1.08 0.00	43.49 1.27 0.00	34.62 0.94 0.00	29.70 0.78 0.00	26.71 0.70 0.00
DELAWARE___LFGE 323621	29.12 0.49 0.00	26.74 0.45 0.00	24.34 0.38 0.00	23.10 0.36 0.00	22.79 0.36 0.00	23.28 0.37 0.00	26.28 0.44 0.00	25.75 0.43 0.00	24.35 0.41 0.00	20.23 0.28 0.00	19.57 0.25 0.00	20.12 0.28 0.00	20.65 0.29 0.00	22.40 0.31 -0.01	22.39 0.27 0.00	27.61 0.36 -1.21	32.69 0.49 -1.43	44.10 0.66 -1.92	50.43 0.88 -0.67	47.35 0.85 -1.67	43.58 0.97 -0.38	35.91 0.67 -1.56	30.84 0.58 -1.34	26.58 0.47 -0.10
DERFIELD_115KV_TB7 355931	28.64 0.00 0.00	26.29 0.00 0.00	23.96 0.00 0.00	22.74 0.00 0.00	22.43 0.00 0.00	22.92 0.00 0.00	25.84 0.00 0.00	25.29 -0.03 0.00	23.92 -0.02 0.00	20.07 -0.02 -0.14	19.76 -0.02 -0.46	20.26 -0.04 -0.47	20.34 -0.02 0.00	22.07 -0.02 0.00	22.85 -0.04 -0.77	26.65 -0.03 -0.63	30.77 0.00 0.00	41.79 0.00 -0.28	49.29 0.05 -0.37	45.94 0.04 -1.07	42.36 0.08 -0.05	33.71 0.03 0.00	28.95 0.03 0.00	26.01 0.00 0.00
DOGLEVILLE___HYD 23807	28.43 -0.20 0.00	26.08 -0.21 0.00	23.74 -0.22 0.00	22.56 -0.18 0.00	22.25 -0.18 0.00	22.75 -0.16 0.00	25.66 -0.18 0.00	25.14 -0.18 0.00	23.80 -0.14 0.00	20.01 -0.08 -0.14	19.76 -0.02 -0.46	20.30 0.00 -0.47	20.36 0.00 0.00	22.11 0.02 0.00	22.89 0.00 -0.77	26.73 0.05 -0.63	30.90 0.12 0.00	41.92 0.12 -0.28	49.29 0.05 -0.37	45.89 0.00 -1.07	42.24 -0.04 -0.05	33.64 -0.03 0.00	28.95 0.03 0.00	26.01 0.00 0.00
DUNKIRK___115KV_TB_200 55889	27.72 -0.92 0.00	25.55 -0.74 0.00	23.29 -0.67 0.00	21.97 -0.77 0.00	21.65 -0.79 0.00	21.88 -1.03 0.00	24.68 -1.16 0.00	24.63 -0.68 0.00	23.25 -0.69 0.00	19.51 -0.44 0.00	18.95 -0.37 0.00	19.84 0.00 0.00	20.34 -0.02 0.00	22.30 0.20 -0.01	21.94 -0.18 0.00	23.37 -0.34 2.33	30.53 -0.65 -0.40	37.72 -1.25 2.55	39.37 -2.10 7.40	38.60 -2.20 4.03	32.09 -1.73 8.40	27.99 -1.28 4.40	28.37 -0.93 -0.38	25.90 -0.29 -0.17
DUNKIRK___1 23563	27.72 -0.92 0.00	25.55 -0.74 0.00	23.29 -0.67 0.00	21.97 -0.77 0.00	21.65 -0.79 0.00	21.88 -1.03 0.00	24.68 -1.16 0.00	24.63 -0.68 0.00	23.25 -0.69 0.00	19.51 -0.44 0.00	18.95 -0.37 0.00	19.84 0.00 0.00	20.34 -0.02 0.00	22.30 0.20 -0.01	21.94 -0.18 0.00	23.37 -0.34 2.33	30.53 -0.65 -0.40	37.72 -1.25 2.55	39.37 -2.10 7.40	38.60 -2.20 4.03	32.09 -1.73 8.40	27.99 -1.28 4.40	28.37 -0.93 -0.38	25.90 -0.29 -0.17
DUNKIRK___2 23564	27.72 -0.92 0.00	25.55 -0.74 0.00	23.29 -0.67 0.00	21.97 -0.77 0.00	21.65 -0.79 0.00	21.88 -1.03 0.00	24.68 -1.16 0.00	24.63 -0.68 0.00	23.25 -0.69 0.00	19.51 -0.44 0.00	18.95 -0.37 0.00	19.84 0.00 0.00	20.34 -0.02 0.00	22.30 0.20 -0.01	21.94 -0.18 0.00	23.37 -0.34 2.33	30.53 -0.65 -0.40	37.72 -1.25 2.55	39.37 -2.10 7.40	38.60 -2.20 4.03	32.09 -1.73 8.40	27.99 -1.28 4.40	28.37 -0.93 -0.38	25.90 -0.29 -0.17
DUNKIRK___3 23565	27.66 -0.97 0.00	25.53 -0.76 0.00	23.26 -0.69 0.00	21.97 -0.77 0.00	21.65 -0.79 0.00	21.88 -1.03 0.00	24.70 -1.14 0.00	24.63 -0.68 0.00	23.25 -0.69 0.00	19.49 -0.46 0.00	18.93 -0.39 0.00	19.80 -0.04 0.00	20.30 -0.06 0.00	22.23 0.13 -0.01	21.86 -0.27 0.00	23.24 -0.44 2.36	30.36 -0.80 -0.39	37.52 -1.41 2.58	39.18 -2.25 7.45	38.47 -2.29 4.07	32.01 -1.77 8.45	27.92 -1.31 4.44	28.35 -0.93 -0.36	25.92 -0.26 -0.17
DUNKIRK___4 23566	27.66 -0.97 0.00	25.53 -0.76 0.00	23.26 -0.69 0.00	21.97 -0.77 0.00	21.65 -0.79 0.00	21.88 -1.03 0.00	24.70 -1.14 0.00	24.63 -0.68 0.00	23.25 -0.69 0.00	19.49 -0.46 0.00	18.93 -0.39 0.00	19.80 -0.04 0.00	20.30 -0.06 0.00	22.23 0.13 -0.01	21.86 -0.27 0.00	23.24 -0.44 2.36	30.36 -0.80 -0.39	37.52 -1.41 2.58	39.18 -2.25 7.45	38.47 -2.29 4.07	32.01 -1.77 8.45	27.92 -1.31 4.44	28.35 -0.93 -0.36	25.92 -0.26 -0.17
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.67 1.03 0.00	27.21 0.92 0.00	24.77 0.81 0.00	23.49 0.75 0.00	23.17 0.74 0.00	23.69 0.78 0.00	26.75 0.90 0.00	26.20 0.89 0.00	24.86 0.91 0.00	20.77 0.82 0.00	20.15 0.83 0.00	20.65 0.81 0.00	21.26 0.90 0.00	23.02 0.93 0.00	23.07 0.95 0.00	27.13 1.09 0.00	32.06 1.29 0.00	43.09 1.58 0.00	50.73 1.86 0.00	46.44 1.61 0.00	44.09 1.86 0.00	35.16 1.48 0.00	30.13 1.21 0.00	27.03 1.01 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.49 0.86 0.00	27.08 0.79 0.00	24.63 0.67 0.00	23.38 0.64 0.00	23.06 0.63 0.00	23.58 0.66 0.00	26.59 0.75 0.00	26.00 0.68 0.00	24.62 0.67 0.00	20.57 0.62 0.00	19.91 0.60 0.00	20.39 0.56 0.00	20.99 0.63 0.00	22.75 0.66 0.00	22.81 0.69 0.00	26.85 0.81 0.00	31.76 0.98 0.00	42.80 1.29 0.00	50.44 1.56 0.00	46.17 1.34 0.00	43.75 1.52 0.00	34.85 1.18 0.00	29.87 0.95 0.00	26.84 0.83 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	29.92 1.29 0.00	27.45 1.16 0.00	24.99 1.03 0.00	23.69 0.96 0.00	23.37 0.94 0.00	23.76 0.85 0.00	26.80 0.96 0.00	26.15 0.84 0.00	24.81 0.86 0.00	20.79 0.84 0.00	20.15 0.83 0.00	20.65 0.81 0.00	21.30 0.94 0.00	23.02 0.93 0.00	23.07 0.95 0.00	27.08 1.04 0.00	32.03 1.26 0.00	43.09 1.58 0.00	50.68 1.81 0.00	46.31 1.48 0.00	44.04 1.82 0.00	35.22 1.55 0.00	30.31 1.39 0.00	27.31 1.30 0.00

E179THST_13_KV_LOAD 356214	30.04 1.40 0.00	27.55 1.26 0.00	25.08 1.13 0.00	23.76 1.02 0.00	23.46 1.03 0.00	23.85 0.94 0.00	26.90 1.06 0.00	26.25 0.94 0.00	24.91 0.96 0.00	20.87 0.92 0.00	20.24 0.93 0.00	20.75 0.91 0.00	21.40 1.04 0.00	23.11 1.02 0.00	23.16 1.04 0.00	27.21 1.17 0.00	32.19 1.42 0.00	43.30 1.79 0.00	50.93 2.05 0.00	46.53 1.70 0.00	44.25 2.03 0.00	35.36 1.68 0.00	30.42 1.50 0.00	27.42 1.40 0.00
EAST HAMPTON___GT 23717	29.58 0.94 0.00	27.00 0.71 0.00	24.51 0.55 0.00	23.35 0.61 0.00	23.08 0.65 0.00	23.53 0.62 0.00	26.23 0.39 0.00	25.72 0.40 0.00	24.35 0.41 0.00	20.31 0.36 0.00	19.97 0.66 0.00	20.27 0.44 0.00	20.87 0.51 0.00	22.78 0.69 0.00	22.96 0.84 0.00	27.05 1.01 0.00	32.22 1.45 0.00	42.54 1.04 0.01	49.70 0.83 0.01	45.72 0.90 0.00	43.36 1.14 0.01	35.29 1.62 0.00	30.04 1.13 0.00	27.05 1.04 0.00
EAST RIVER___6 23660	29.72 1.09 0.00	27.24 0.95 0.00	24.79 0.84 0.00	23.54 0.80 0.00	23.20 0.76 0.00	23.69 0.78 0.00	26.72 0.88 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.87 0.92 0.00	20.24 0.93 0.00	20.75 0.91 0.00	21.36 1.00 0.00	23.13 1.04 0.00	23.21 1.08 0.00	27.24 1.20 0.00	32.19 1.42 0.00	43.30 1.78 0.00	50.68 1.81 0.00	46.49 1.66 0.00	44.13 1.90 0.00	35.22 1.55 0.00	30.16 1.24 0.00	27.10 1.09 0.00
EAST RIVER___7 23524	29.72 1.09 0.00	27.24 0.95 0.00	24.79 0.84 0.00	23.54 0.80 0.00	23.20 0.76 0.00	23.69 0.78 0.00	26.72 0.88 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.87 0.92 0.00	20.24 0.93 0.00	20.75 0.91 0.00	21.36 1.00 0.00	23.13 1.04 0.00	23.21 1.08 0.00	27.24 1.20 0.00	32.19 1.42 0.00	43.30 1.78 0.00	50.68 1.81 0.00	46.49 1.66 0.00	44.13 1.90 0.00	35.22 1.55 0.00	30.16 1.24 0.00	27.10 1.09 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.64 1.00 0.00	27.18 0.89 0.00	24.75 0.79 0.00	23.47 0.73 0.00	23.15 0.72 0.00	23.67 0.76 0.00	26.72 0.88 0.00	26.15 0.84 0.00	24.81 0.86 0.00	20.73 0.78 0.00	20.11 0.79 0.00	20.59 0.75 0.00	21.22 0.86 0.00	22.97 0.88 0.00	23.03 0.91 0.00	27.06 1.02 0.00	31.97 1.20 0.00	43.01 1.49 0.00	50.63 1.76 0.00	46.35 1.52 0.00	44.00 1.77 0.00	35.09 1.41 0.00	30.07 1.16 0.00	26.97 0.96 0.00
EAST_HAMPTON___DIESEL 23722	29.55 0.92 0.00	26.97 0.68 0.00	24.51 0.55 0.00	23.35 0.61 0.00	23.06 0.63 0.00	23.51 0.59 0.00	26.20 0.36 0.00	25.70 0.38 0.00	24.31 0.36 0.00	20.27 0.32 0.00	19.93 0.62 0.00	20.23 0.40 0.00	20.83 0.47 0.00	22.73 0.64 0.00	22.92 0.80 0.00	27.00 0.96 0.00	32.16 1.39 0.00	42.50 0.99 0.01	49.60 0.73 0.01	45.68 0.85 0.00	43.32 1.10 0.01	35.26 1.58 0.00	30.02 1.10 0.00	27.02 1.01 0.00
EAST_POINT___SOLAR 323840	30.18 1.55 0.00	27.71 1.42 0.00	25.30 1.34 0.00	23.99 1.25 0.00	23.62 1.19 0.00	24.13 1.21 0.00	27.26 1.42 0.00	26.23 0.91 0.00	23.90 -0.05 0.00	19.50 -0.46 0.00	18.56 -0.75 0.00	18.99 -0.85 0.00	19.47 -0.90 0.00	21.25 -0.84 0.00	21.39 -0.73 0.00	25.49 -0.55 0.00	30.62 -0.15 0.00	42.18 0.66 0.00	51.46 2.59 0.00	47.88 3.05 0.00	45.06 2.83 0.00	35.80 2.12 0.00	30.65 1.73 0.00	27.39 1.38 0.00
EAST_PULASKI___ESR 323781	28.32 -0.31 0.00	26.03 -0.26 0.00	23.69 -0.26 0.00	22.49 -0.25 0.00	22.19 -0.25 0.00	22.66 -0.25 0.00	25.61 -0.23 0.00	25.12 -0.20 -0.01	23.71 -0.24 0.00	20.18 -0.26 -0.49	20.70 -0.27 -1.65	21.26 -0.24 -1.66	20.12 -0.24 -0.01	21.85 -0.26 -0.03	24.63 -0.24 -2.75	36.69 -0.26 -10.91	38.54 -0.46 -8.23	55.02 -0.54 -14.04	58.31 -0.54 -9.97	60.67 -0.40 -16.25	49.56 -0.38 -7.71	45.42 -0.30 -12.05	36.52 -0.14 -7.75	26.34 -0.18 -0.51
EAST_RIVER___1 323558	29.78 1.15 0.00	27.29 1.00 0.00	24.84 0.89 0.00	23.58 0.84 0.00	23.24 0.81 0.00	23.74 0.82 0.00	26.77 0.93 0.00	26.30 0.99 0.00	24.98 1.03 0.00	20.89 0.94 0.00	20.26 0.95 0.00	20.75 0.91 0.00	21.36 1.00 0.00	23.13 1.04 0.00	23.21 1.08 0.00	27.26 1.22 0.00	32.25 1.48 0.00	43.38 1.87 0.00	50.78 1.90 0.00	46.57 1.75 0.00	44.21 1.99 0.00	35.29 1.62 0.00	30.22 1.30 0.00	27.15 1.14 0.00
EAST_RIVER___2 323559	29.72 1.09 0.00	27.24 0.95 0.00	24.79 0.84 0.00	23.54 0.80 0.00	23.20 0.76 0.00	23.69 0.78 0.00	26.72 0.88 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.87 0.92 0.00	20.24 0.93 0.00	20.75 0.91 0.00	21.36 1.00 0.00	23.13 1.04 0.00	23.21 1.08 0.00	27.24 1.20 0.00	32.19 1.42 0.00	43.30 1.78 0.00	50.68 1.81 0.00	46.49 1.66 0.00	44.13 1.90 0.00	35.22 1.55 0.00	30.16 1.24 0.00	27.10 1.09 0.00
EAST___DELAWARE_HYD 23607	29.41 0.77 0.00	26.97 0.68 0.00	24.56 0.60 0.00	23.31 0.57 0.00	22.97 0.54 0.00	23.51 0.59 0.00	26.49 0.65 0.00	25.90 0.58 0.00	24.50 0.55 0.00	20.43 0.48 0.00	19.76 0.44 0.00	20.25 0.42 0.00	20.85 0.49 0.00	22.60 0.51 0.00	22.65 0.53 0.00	26.74 0.70 0.00	31.67 0.89 0.00	42.84 1.33 0.00	50.39 1.52 0.00	46.17 1.34 0.00	43.75 1.52 0.00	34.75 1.08 0.00	29.78 0.87 0.00	26.77 0.75 0.00
EIGHT_POINT___WT_PWR 323820	27.95 -0.69 0.00	25.71 -0.58 0.00	23.33 -0.62 0.00	21.97 -0.77 0.00	21.71 -0.72 0.00	22.00 -0.92 0.00	25.07 -0.77 0.00	24.61 -0.71 0.00	23.21 -0.74 0.00	19.33 -0.62 0.00	18.68 -0.64 0.00	19.50 -0.34 0.00	20.01 -0.35 0.00	21.86 -0.24 -0.01	21.70 -0.42 0.00	24.88 -0.57 0.58	31.42 -0.83 -1.47	40.22 -1.16 0.13	43.14 -1.22 4.51	42.12 -1.34 1.36	35.56 -1.23 5.44	30.93 -1.04 1.71	29.46 -0.84 -1.39	25.67 -0.55 -0.21
ELBRIDGE_115KV_TB2 80188	28.26 -0.37 0.00	25.97 -0.32 0.00	23.65 -0.31 0.00	22.44 -0.30 0.00	22.16 -0.27 0.00	22.64 -0.27 0.00	25.56 -0.28 0.00	25.12 -0.20 0.00	23.71 -0.24 0.00	19.88 -0.20 -0.13	19.54 -0.21 -0.44	20.12 -0.16 -0.44	20.20 -0.16 0.00	21.96 -0.15 -0.02	22.69 -0.15 -0.73	31.29 -0.18 -5.43	36.26 -0.22 -5.71	49.19 -0.29 -7.97	51.62 -0.29 -3.04	52.20 -0.31 -7.68	43.49 -0.30 -1.56	39.65 -0.27 -6.25	34.09 -0.20 -5.37	26.30 -0.13 -0.42
ELEC_TRO_TEK 24086	29.61 0.97 0.00	27.05 0.76 0.00	24.58 0.62 0.00	23.31 0.57 0.00	23.04 0.61 0.00	23.51 0.60 0.00	26.59 0.75 0.00	26.03 0.71 0.00	24.69 0.74 0.00	20.63 0.68 0.00	20.16 0.85 0.00	20.59 0.75 0.00	21.22 0.86 0.00	23.04 0.95 0.00	23.14 1.02 0.00	27.19 1.15 0.00	32.13 1.35 0.00	42.59 1.08 0.01	50.04 1.17 0.01	45.90 1.08 0.00	43.53 1.31 0.01	35.19 1.52 0.00	30.10 1.19 0.00	26.97 0.96 0.00
ELLENBURG_WT_PWR 323604	29.29 0.66 0.00	26.90 0.61 0.00	24.51 0.55 0.00	23.28 0.54 0.00	23.01 0.58 0.00	23.58 0.66 0.00	26.56 0.72 0.00	26.05 0.73 0.00	24.69 0.74 0.00	20.93 0.64 -0.34	21.13 0.68 -1.14	21.68 0.69 -1.15	21.06 0.69 0.00	22.82 0.73 0.00	24.79 0.77 -1.90	28.46 0.86 -1.56	31.82 1.05 0.00	43.57 1.37 -0.69	51.15 1.37 -0.91	48.39 0.94 -2.62	42.74 0.38 -0.13	33.81 0.14 0.00	28.89 -0.03 0.00	25.93 -0.08 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.55 -1.09 0.00	25.42 -0.87 0.00	23.19 -0.77 0.00	21.92 -0.82 0.00	21.60 -0.83 0.00	21.86 -1.05 0.00	24.65 -1.19 0.00	24.63 -0.68 0.00	23.25 -0.69 0.00	19.49 -0.46 0.00	18.93 -0.39 0.00	19.76 -0.08 0.00	20.26 -0.10 0.00	22.17 0.07 -0.01	21.72 -0.40 0.00	22.82 -0.65 2.56	30.02 -1.02 -0.27	36.95 -1.70 2.87	38.53 -2.54 7.81	37.97 -2.47 4.39	31.47 -1.94 8.82	27.53 -1.38 4.76	28.19 -0.98 -0.25	25.97 -0.21 -0.17
EMPIRE_CC_1 323656	28.89 0.26 0.00	26.58 0.29 0.00	24.27 0.31 0.00	23.08 0.34 0.00	22.72 0.29 0.00	23.19 0.28 0.00	26.05 0.21 0.00	25.44 0.13 0.00	24.04 0.10 0.00	20.01 0.06 0.00	19.39 0.08 0.00	19.82 -0.02 0.00	20.34 -0.02 0.00	22.07 -0.02 0.00	22.10 -0.02 0.00	26.04 0.00 0.00	30.74 -0.03 0.00	41.51 0.00 0.00	49.12 0.25 0.00	45.10 0.27 0.00	42.44 0.21 0.00	33.91 0.24 0.00	29.12 0.20 0.00	26.24 0.23 0.00
EMPIRE_CC_2 323658	28.89 0.26 0.00	26.58 0.29 0.00	24.27 0.31 0.00	23.08 0.34 0.00	22.72 0.29 0.00	23.19 0.28 0.00	26.05 0.21 0.00	25.44 0.13 0.00	24.04 0.10 0.00	20.01 0.06 0.00	19.39 0.08 0.00	19.82 -0.02 0.00	20.34 -0.02 0.00	22.07 -0.02 0.00	22.10 -0.02 0.00	26.04 0.00 0.00	30.74 -0.03 0.00	41.51 0.00 0.00	49.12 0.25 0.00	45.10 0.27 0.00	42.44 0.21 0.00	33.91 0.24 0.00	29.12 0.20 0.00	26.24 0.23 0.00
ENORWICH_115KV_TB1 80156	29.69 1.06 0.00	27.26 0.97 0.00	24.79 0.84 0.00	23.51 0.77 0.00	23.17 0.74 0.00	23.69 0.78 0.00	26.82 0.98 0.00	26.31 0.99 0.00	24.69 0.74 0.00	20.27 0.32 0.00	19.49 0.17 0.00	20.14 0.30 0.00	20.65 0.29 0.00	22.52 0.42 -0.01	22.54 0.42 0.00	29.15 0.73 -2.39	34.79 1.20 -2.82	47.30 1.99 -3.80	52.99 2.79 -1.33	50.95 2.82 -3.30	45.51 2.53 -0.74	38.30 1.55 -3.08	32.93 1.36 -2.65	27.18 0.96 -0.21
ERIE_ST__34_KV_TB1-2 80199	27.58 -1.06 0.00	25.45 -0.84 0.00	23.24 -0.72 0.00	21.94 -0.80 0.00	21.65 -0.79 0.00	21.86 -1.05 0.00	24.70 -1.14 0.00	24.61 -0.71 0.00	23.23 -0.72 0.00	19.49 -0.46 0.00	18.91 -0.41 0.00	19.78 -0.06 0.00	20.26 -0.10 0.00	22.17 0.07 -0.01	21.79 -0.33 0.00	23.04 -0.57 2.43	30.22 -0.89 -0.34	37.30 -1.54 2.68	38.95 -2.35 7.57	38.36 -2.29 4.18	31.87 -1.77 8.58	27.80 -1.31 4.56	28.31 -0.93 -0.32	25.97 -0.21 -0.17
ERIE_WT_PWR 323693	27.63 -1.00 0.00	25.61 -0.68 0.00	23.33 -0.62 0.00	21.97 -0.77 0.00	21.80 -0.63 0.00	21.91 -1.01 0.00	25.14 -0.70 0.00	24.69 -0.63 0.00	23.28 -0.67 0.00	19.55 -0.40 0.00	18.95 -0.37 0.00	19.82 -0.02 0.00	20.32 -0.04 0.00	22.19 0.09 -0.01	21.79 -0.33 0.00	23.02 -0.55 2.47	30.14 -0.95 -0.32	37.08 -1.70 2.73	39.04 -2.20 7.64	38.39 -2.20 4.24	31.97 -1.60 8.65	27.81 -1.25 4.62	28.41 -0.81 -0.30	26.00 -0.18 -0.17
ESPRGFLD_115KV_TB1 80157	29.61 0.97 0.00	27.18 0.89 0.00	24.75 0.79 0.00	23.49 0.75 0.00	23.13 0.70 0.00	23.65 0.73 0.00	26.72 0.88 0.00	26.10 0.78 0.00	24.40 0.46 0.00	20.15 0.20 0.00	19.35 0.04 0.00	19.88 0.04 0.00	20.38 0.02 0.00	22.18 0.09 0.00	22.21 0.09 0.00	26.87 0.29 -0.54	32.02 0.62 -0.64	43.53 1.16 -0.86	51.13 1.95 -0.30	47.59 2.02 -0.74	44.34 1.94 -0.17	35.75 1.38 -0.70	30.67 1.16 -0.60	26.97 0.91 -0.05
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.84 0.20 0.00	26.50 0.21 0.00	24.10 0.14 0.00	22.85 0.11 0.00	22.57 0.13 0.00	23.05 0.14 0.00	26.02 0.18 0.00	25.60 0.28 0.00	24.14 0.19 0.00	20.01 0.06 0.00	19.33 0.02 0.00	19.96 0.12 0.00	20.48 0.12 0.00	22.28 0.18 -0.01	22.28 0.15 0.00	29.38 0.21 -3.14	34.81 0.34 -3.70	47.05 0.54 -4.99	51.40 0.78 -1.74	49.83 0.67 -4.33	43.88 0.68 -0.98	38.16 0.44 -4.05	32.78 0.38 -3.49	26.65 0.36 -0.27
ETNA____115KV_TB2 80207	28.84 0.20 0.00	26.50 0.21 0.00	24.10 0.14 0.00	22.85 0.11 0.00	22.57 0.13 0.00	23.05 0.14 0.00	26.02 0.18 0.00	25.60 0.28 0.00	24.14 0.19 0.00	20.01 0.06 0.00	19.33 0.02 0.00	19.96 0.12 0.00	20.48 0.12 0.00	22.28 0.18 -0.01	22.28 0.15 0.00	29.38 0.21 -3.14	34.81 0.34 -3.70	47.05 0.54 -4.99	51.40 0.78 -1.74	49.83 0.67 -4.33	43.88 0.68 -0.98	38.16 0.44 -4.05	32.78 0.38 -3.49	26.65 0.36 -0.27
EUCLID___115KV_TB2 356179	28.15 -0.49 0.00	25.87 -0.42 0.00	23.57 -0.38 0.00	22.38 -0.36 0.00	22.07 -0.36 0.00	22.55 -0.37 0.00	25.43 -0.41 0.00	24.99 -0.33 0.00	23.61 -0.34 0.00	19.84 -0.28 -0.17	19.60 -0.29 -0.58	20.18 -0.24 -0.58	20.12 -0.24 0.00	21.86 -0.24 -0.01	22.82 -0.27 -0.96	26.97 -0.31 -1.24	32.92 -0.40 -2.55	42.79 -0.54 -1.81	45.05 -0.64 3.19	45.62 -0.63 -1.43	36.98 -0.55 4.70	32.90 -0.47 0.30	30.97 -0.35 -2.40	26.03 -0.26 -0.28
E_CANADA_CAP_HY 24051	29.89 1.26 0.00	27.47 1.18 0.00	25.06 1.10 0.00	23.76 1.02 0.00	23.40 0.96 0.00	23.92 1.01 0.00	27.00 1.16 0.00	26.23 0.91 0.00	24.31 0.36 0.00	19.97 0.02 0.00	19.10 -0.21 0.00	19.52 -0.32 0.00	20.00 -0.37 0.00	21.78 -0.31 0.00	21.90 -0.22 0.00	26.04 0.00 0.00	31.20 0.43 0.00	42.67 1.16 0.00	51.22 2.35 0.00	47.33 2.51 0.00	44.59 2.36 0.00	35.42 1.75 0.00	30.33 1.42 0.00	27.15 1.14 0.00
E_CANADA_MHWK_HY 24050	28.44 -0.20 0.00	26.08 -0.21 0.00	23.74 -0.22 0.00	22.56 -0.18 0.00	22.25 -0.18 0.00	22.73 -0.18 0.00	25.66 -0.18 0.00	25.14 -0.18 0.00	23.80 -0.14 0.00	20.01 -0.08 -0.14	19.76 -0.02 -0.46	20.30 0.00 -0.47	20.36 0.00 0.00	22.11 0.02 0.00	22.89 0.00 -0.77	26.73 0.05 -0.63	30.90 0.12 0.00	41.92 0.12 -0.28	49.25 0.00 -0.37	45.89 0.00 -1.07	42.24 -0.04 -0.05	33.64 -0.03 0.00	28.92 0.00 0.00	26.01 0.00 0.00
E_FISHKILL___LBMP 23776	29.44 0.80 0.00	27.03 0.74 0.00	24.60 0.65 0.00	23.35 0.61 0.00	23.04 0.61 0.00	23.56 0.64 0.00	26.56 0.72 0.00	26.00 0.68 0.00	24.64 0.69 0.00	20.57 0.62 0.00	19.93 0.62 0.00	20.41 0.58 0.00	21.01 0.65 0.00	22.75 0.66 0.00	22.81 0.69 0.00	26.82 0.78 0.00	31.70 0.92 0.00	42.68 1.16 0.00	50.29 1.42 0.00	46.04 1.21 0.00	43.62 1.39 0.00	34.79 1.11 0.00	29.84 0.93 0.00	26.79 0.78 0.00
FALCON___SEABRD_CC1 323796	29.81 1.17 0.00	27.34 1.05 0.00	24.94 0.98 0.00	23.69 0.95 0.00	23.44 1.01 0.00	24.02 1.10 0.00	27.06 1.21 0.00	26.53 1.22 0.00	25.14 1.20 0.00	21.45 1.06 -0.44	21.91 1.08 -1.51	22.46 1.11 -1.52	21.51 1.14 -0.01	23.28 1.19 0.00	25.90 1.26 -2.51	29.51 1.41 -2.06	32.43 1.66 0.00	44.59 2.16 -0.92	52.33 2.25 -1.20	49.90 1.61 -3.46	43.33 0.93 -0.17	34.21 0.54 0.00	29.18 0.26 0.00	26.19 0.18 0.00
FALCON___SEABRD_CC2 323797	29.81 1.17 0.00	27.34 1.05 0.00	24.94 0.98 0.00	23.69 0.95 0.00	23.44 1.01 0.00	24.02 1.10 0.00	27.06 1.21 0.00	26.53 1.22 0.00	25.14 1.20 0.00	21.45 1.06 -0.44	21.91 1.08 -1.51	22.46 1.11 -1.52	21.51 1.14 -0.01	23.28 1.19 0.00	25.90 1.26 -2.51	29.51 1.41 -2.06	32.43 1.66 0.00	44.59 2.16 -0.92	52.33 2.25 -1.20	49.90 1.61 -3.46	43.33 0.93 -0.17	34.21 0.54 0.00	29.18 0.26 0.00	26.19 0.18 0.00

FAR ROCKAWAY___4 23548	29.98 1.35 0.00	27.39 1.10 0.00	24.87 0.91 0.00	23.56 0.82 0.00	23.31 0.87 0.00	23.79 0.87 0.00	26.87 1.03 0.00	26.31 0.99 0.00	24.98 1.03 0.00	20.85 0.90 0.00	20.42 1.10 0.00	20.85 1.01 0.00	21.48 1.12 0.00	23.35 1.26 0.00	23.45 1.33 0.00	27.55 1.51 0.00	32.56 1.78 0.00	43.21 1.70 0.01	50.77 1.91 0.01	46.57 1.75 0.00	44.21 1.98 0.01	35.69 2.02 0.00	30.51 1.59 0.00	27.34 1.33 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.78 1.15 0.00	27.32 1.03 0.00	24.84 0.89 0.00	23.56 0.82 0.00	23.24 0.81 0.00	23.76 0.85 0.00	26.85 1.01 0.00	26.31 0.99 0.00	24.95 1.01 0.00	20.89 0.94 0.00	20.24 0.93 0.00	20.75 0.91 0.00	21.38 1.02 0.00	23.13 1.04 0.00	23.21 1.08 0.00	27.26 1.22 0.00	32.25 1.48 0.00	43.34 1.83 0.00	50.93 2.05 0.00	46.62 1.79 0.00	44.30 2.07 0.00	35.32 1.65 0.00	30.28 1.36 0.00	27.16 1.14 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.81 1.17 0.00	27.32 1.03 0.00	24.87 0.91 0.00	23.56 0.82 0.00	23.26 0.83 0.00	23.76 0.85 0.00	26.85 1.01 0.00	26.31 0.99 0.00	24.98 1.03 0.00	20.89 0.94 0.00	20.26 0.95 0.00	20.75 0.91 0.00	21.38 1.02 0.00	23.15 1.06 0.00	23.21 1.08 0.00	27.26 1.22 0.00	32.25 1.48 0.00	43.34 1.83 0.00	50.98 2.10 0.00	46.62 1.79 0.00	44.30 2.07 0.00	35.32 1.65 0.00	30.28 1.36 0.00	27.18 1.17 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.78 1.15 0.00	27.32 1.03 0.00	24.84 0.89 0.00	23.56 0.82 0.00	23.24 0.81 0.00	23.74 0.82 0.00	26.85 1.01 0.00	26.31 0.99 0.00	24.95 1.01 0.00	20.87 0.92 0.00	20.24 0.93 0.00	20.73 0.89 0.00	21.36 1.00 0.00	23.13 1.04 0.00	23.18 1.06 0.00	27.24 1.20 0.00	32.22 1.45 0.00	43.30 1.79 0.00	50.93 2.05 0.00	46.57 1.75 0.00	44.25 2.03 0.00	35.29 1.62 0.00	30.25 1.33 0.00	27.16 1.14 0.00
FARRAGUT___LBMP 323566	29.75 1.12 0.00	27.29 1.00 0.00	24.84 0.89 0.00	23.54 0.80 0.00	23.24 0.81 0.00	23.74 0.82 0.00	26.82 0.98 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.87 0.92 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.34 0.98 0.00	23.11 1.02 0.00	23.16 1.04 0.00	27.21 1.17 0.00	32.19 1.42 0.00	43.30 1.79 0.00	50.88 2.00 0.00	46.57 1.75 0.00	44.25 2.03 0.00	35.29 1.62 0.00	30.25 1.33 0.00	27.13 1.12 0.00
FENNER___WINDPWR 24204	28.86 0.23 0.00	26.50 0.21 0.00	24.15 0.19 0.00	22.90 0.16 0.00	22.61 0.18 0.00	23.08 0.16 0.00	26.10 0.26 0.00	25.57 0.25 0.00	24.14 0.19 0.00	20.27 0.08 -0.24	20.16 0.04 -0.81	20.75 0.10 -0.81	20.47 0.10 0.00	22.23 0.13 -0.01	23.60 0.13 -1.34	29.82 0.21 -3.57	33.99 0.31 -2.91	46.39 0.46 -4.42	51.58 0.68 -2.02	50.80 0.71 -5.26	43.76 0.67 -0.86	37.27 0.41 -3.19	32.04 0.37 -2.74	26.51 0.29 -0.21
FIBERTEK___ENERGY 23856	28.38 -0.26 0.00	26.08 -0.21 0.00	23.74 -0.22 0.00	22.54 -0.20 0.00	22.23 -0.20 0.00	22.71 -0.21 0.00	25.63 -0.21 0.00	25.19 -0.13 0.00	23.80 -0.14 0.00	19.96 -0.14 -0.14	19.65 -0.15 -0.49	20.25 -0.08 -0.49	20.28 -0.08 0.00	22.04 -0.07 -0.02	22.87 -0.07 -0.81	31.26 -0.10 -5.33	36.16 -0.12 -5.51	49.11 -0.12 -7.72	51.71 -0.15 -2.98	52.25 -0.13 -7.56	43.57 -0.17 -1.51	39.53 -0.17 -6.03	33.99 -0.12 -5.19	26.36 -0.05 -0.40
FITZPATRICK___ 23598	27.78 -0.86 0.00	25.53 -0.76 0.00	23.26 -0.70 0.00	22.06 -0.68 0.00	21.78 -0.65 0.00	22.25 -0.67 0.00	25.12 -0.72 0.00	24.60 -0.68 0.04	23.28 -0.67 0.00	19.39 -0.56 0.00	18.77 -0.54 0.00	19.30 -0.53 0.00	19.81 -0.55 0.00	21.40 -0.57 0.12	21.53 -0.60 0.00	0.00 -0.70 25.34	0.00 -0.86 29.91	0.00 -1.16 40.35	33.47 -1.32 14.09	8.61 -1.21 35.01	33.18 -1.14 7.91	0.00 -0.94 32.73	0.00 -0.75 28.17	23.16 -0.65 2.20
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.69 1.06 0.00	27.24 0.95 0.00	24.79 0.84 0.00	23.51 0.77 0.00	23.22 0.79 0.00	23.74 0.82 0.00	26.77 0.93 0.00	26.15 0.84 0.00	24.74 0.79 0.00	20.67 0.72 0.00	19.99 0.68 0.00	20.47 0.63 0.00	21.09 0.73 0.00	22.84 0.75 0.00	22.90 0.77 0.00	26.98 0.94 0.00	31.94 1.17 0.00	43.13 1.62 0.00	50.88 2.00 0.00	46.53 1.70 0.00	44.09 1.86 0.00	35.05 1.38 0.00	30.07 1.16 0.00	27.00 0.99 0.00
FORT ORANGE___ 23900	28.84 0.20 0.00	26.50 0.21 0.00	24.22 0.26 0.00	23.01 0.27 0.00	22.66 0.22 0.00	23.17 0.25 0.00	26.02 0.18 0.00	25.42 0.10 0.00	24.00 0.05 0.00	19.95 0.00 0.00	19.30 -0.02 0.00	19.74 -0.10 0.00	20.24 -0.12 0.00	21.98 -0.11 0.00	22.03 -0.09 0.00	25.99 -0.05 0.00	30.77 0.00 0.00	41.51 0.00 0.00	49.07 0.20 0.00	45.10 0.27 0.00	42.48 0.25 0.00	33.88 0.20 0.00	29.12 0.20 0.00	26.19 0.18 0.00
FORT_DRUM_COGEN 23780	29.12 0.49 0.00	26.71 0.42 0.00	24.32 0.36 0.00	23.08 0.34 0.00	22.72 0.29 0.00	23.21 0.30 0.00	26.23 0.39 0.00	25.72 0.41 0.00	24.21 0.26 0.00	21.54 0.02 -1.56	24.60 -0.04 -5.32	25.18 0.00 -5.34	20.34 -0.04 -0.02	22.10 0.00 -0.01	31.03 0.04 -8.86	36.74 0.23 -10.47	34.92 0.37 -3.78	50.63 0.79 -8.32	56.17 1.27 -6.02	62.89 1.43 -16.63	45.01 1.18 -1.60	38.58 0.77 -4.13	33.14 0.67 -3.56	26.68 0.39 -0.28
FOX_HILLS___ESR 323835	22.88 1.23 6.99	20.95 1.08 6.41	19.46 0.96 5.45	18.41 0.86 5.19	17.89 0.85 5.40	18.49 0.82 5.25	19.55 1.01 7.30	20.22 0.96 6.06	20.03 0.98 4.90	16.71 0.96 4.20	14.90 0.95 5.36	16.11 0.93 4.66	14.35 1.04 7.05	15.98 1.06 7.17	19.81 1.08 3.40	20.80 1.22 6.46	23.29 1.51 8.99	23.71 1.99 19.79	24.23 2.20 26.84	23.95 1.84 22.71	23.80 2.20 20.62	23.57 1.68 11.79	23.34 1.42 7.00	23.31 1.22 3.93
FPL_FAR_ROCK_GT1 24212	29.98 1.35 0.00	27.37 1.08 0.00	24.84 0.89 0.00	23.60 0.86 0.00	23.28 0.85 0.00	23.79 0.87 0.00	26.80 0.96 0.00	26.30 0.99 0.00	24.98 1.03 0.00	20.85 0.90 0.00	20.42 1.10 0.00	20.85 1.01 0.00	21.46 1.10 0.00	23.35 1.26 0.00	23.45 1.33 0.00	27.58 1.54 0.00	32.56 1.78 0.00	43.29 1.78 0.01	50.63 1.76 0.01	46.49 1.66 0.00	44.12 1.90 0.01	35.63 1.95 0.00	30.48 1.56 0.00	27.34 1.33 0.00
FPL_FAR_ROCK_GT2 23815	29.98 1.35 0.00	27.37 1.08 0.00	24.84 0.89 0.00	23.60 0.86 0.00	23.28 0.85 0.00	23.79 0.87 0.00	26.80 0.96 0.00	26.30 0.99 0.00	24.98 1.03 0.00	20.85 0.90 0.00	20.42 1.10 0.00	20.85 1.01 0.00	21.46 1.10 0.00	23.35 1.26 0.00	23.45 1.33 0.00	27.58 1.54 0.00	32.56 1.78 0.00	43.29 1.78 0.01	50.63 1.76 0.01	46.49 1.66 0.00	44.12 1.90 0.01	35.63 1.95 0.00	30.48 1.56 0.00	27.34 1.33 0.00
FRANKLIN_FALL_HYD 24054	29.58 0.94 0.00	27.13 0.84 0.00	24.72 0.77 0.00	23.49 0.75 0.00	23.22 0.79 0.00	23.74 0.82 0.00	26.80 0.96 0.00	26.31 0.99 0.00	24.93 0.98 0.00	22.91 0.84 -2.12	27.39 0.85 -7.22	27.96 0.87 -7.25	21.24 0.86 -0.03	22.97 0.88 0.00	35.11 0.97 -12.02	36.99 1.09 -9.86	32.10 1.32 0.00	47.64 1.74 -4.38	56.29 1.66 -5.75	62.82 1.43 -16.56	43.93 0.89 -0.81	34.31 0.64 0.00	29.32 0.40 0.00	26.30 0.29 0.00

FREEPORT_EQUS_GT1 23764	29.72 1.09 0.00	27.16 0.87 0.00	24.65 0.70 0.00	23.42 0.68 0.00	23.10 0.67 0.00	23.60 0.69 0.00	26.59 0.75 0.00	26.10 0.79 0.00	24.79 0.84 0.00	20.69 0.74 0.00	20.24 0.93 0.00	20.67 0.83 0.00	21.30 0.94 0.00	23.15 1.06 0.00	23.27 1.15 0.00	27.34 1.30 0.00	32.28 1.51 0.00	42.83 1.33 0.01	50.04 1.17 0.01	45.95 1.12 0.00	43.61 1.39 0.01	35.26 1.58 0.00	30.19 1.27 0.00	27.08 1.07 0.00
FREEPORT___CT2 23818	29.72 1.09 0.00	27.16 0.87 0.00	24.65 0.70 0.00	23.42 0.68 0.00	23.10 0.67 0.00	23.60 0.69 0.00	26.59 0.75 0.00	26.10 0.79 0.00	24.79 0.84 0.00	20.69 0.74 0.00	20.24 0.93 0.00	20.67 0.83 0.00	21.30 0.94 0.00	23.15 1.06 0.00	23.27 1.15 0.00	27.34 1.30 0.00	32.28 1.51 0.00	42.83 1.33 0.01	50.04 1.17 0.01	45.95 1.12 0.00	43.61 1.39 0.01	35.26 1.58 0.00	30.19 1.27 0.00	27.08 1.07 0.00
FRESHKLS_33_KV_LOAD 356253	22.93 1.29 6.99	21.01 1.13 6.41	19.51 1.01 5.45	18.46 0.91 5.19	17.96 0.92 5.40	18.56 0.89 5.25	19.60 1.06 7.30	20.30 1.04 6.06	20.10 1.05 4.90	16.75 1.00 4.20	14.94 0.99 5.36	16.17 0.99 4.66	14.41 1.10 7.05	16.04 1.13 7.17	19.87 1.15 3.40	20.88 1.30 6.46	23.39 1.60 8.99	23.84 2.12 19.79	24.38 2.35 26.84	24.09 1.97 22.71	23.97 2.36 20.62	23.70 1.82 11.79	23.43 1.50 7.00	23.39 1.30 3.93
FULTON COGEN____ 23766	28.09 -0.54 0.00	25.82 -0.47 0.00	23.50 -0.46 0.00	22.31 -0.43 0.00	22.03 -0.40 0.00	22.50 -0.41 0.00	25.38 -0.47 0.00	24.94 -0.38 0.00	23.56 -0.38 0.00	19.81 -0.34 -0.19	19.65 -0.33 -0.66	20.20 -0.30 -0.66	20.06 -0.31 0.00	21.81 -0.31 -0.03	22.91 -0.31 -1.10	37.11 -0.36 -11.44	40.04 -0.49 -9.76	57.08 -0.62 -16.19	59.70 -0.73 -11.56	60.91 -0.67 -16.76	51.46 -0.63 -9.86	47.92 -0.54 -14.79	37.68 -0.43 -9.20	26.27 -0.34 -0.60
FULTON___LFGE 323630	29.95 1.32 0.00	27.53 1.24 0.00	25.11 1.15 0.00	23.83 1.09 0.00	23.46 1.03 0.00	23.97 1.05 0.00	27.06 1.21 0.00	26.26 0.94 0.00	24.28 0.34 0.00	19.93 -0.02 0.00	18.99 -0.33 0.00	19.34 -0.50 0.00	19.79 -0.57 0.00	21.58 -0.51 0.00	21.72 -0.40 0.00	25.88 -0.16 0.00	31.11 0.34 0.00	42.72 1.20 0.00	51.27 2.39 0.00	47.38 2.55 0.00	44.59 2.36 0.00	35.46 1.78 0.00	30.39 1.47 0.00	27.18 1.17 0.00
G.F.CEMENT___DRP 24184	30.10 1.46 0.00	27.63 1.34 0.00	25.25 1.29 0.00	23.97 1.23 0.00	23.60 1.17 0.00	24.11 1.19 0.00	27.18 1.34 0.00	26.48 1.16 0.00	24.79 0.84 0.00	20.55 0.60 0.00	19.59 0.27 0.00	19.96 0.12 0.00	20.40 0.04 0.00	22.20 0.11 0.00	22.32 0.20 0.00	26.43 0.39 0.00	31.54 0.77 0.00	43.22 1.70 0.00	51.47 2.59 0.00	47.43 2.60 0.00	44.59 2.36 0.00	35.53 1.85 0.00	30.45 1.53 0.00	27.26 1.25 0.00
GARDENVILLE___LBMP 24039	27.55 -1.09 0.00	25.42 -0.87 0.00	23.21 -0.74 0.00	21.92 -0.82 0.00	21.60 -0.83 0.00	21.86 -1.05 0.00	24.65 -1.19 0.00	24.61 -0.71 0.00	23.23 -0.72 0.00	19.49 -0.46 0.00	18.91 -0.41 0.00	19.76 -0.08 0.00	20.26 -0.10 0.00	22.17 0.07 -0.01	21.75 -0.38 0.00	22.95 -0.62 2.47	30.14 -0.95 -0.33	37.16 -1.62 2.73	38.79 -2.44 7.64	38.16 -2.42 4.24	31.68 -1.90 8.65	27.68 -1.38 4.61	28.24 -0.98 -0.30	25.95 -0.23 -0.17
GARDNVLA_35_KV_LD 355827	27.63 -1.00 0.00	25.50 -0.79 0.00	23.29 -0.67 0.00	21.99 -0.75 0.00	21.67 -0.76 0.00	21.93 -0.99 0.00	24.73 -1.11 0.00	24.71 -0.61 0.00	23.32 -0.62 0.00	19.55 -0.40 0.00	18.99 -0.33 0.00	19.84 0.00 0.00	20.34 -0.02 0.00	22.25 0.15 -0.01	21.83 -0.29 0.00	23.08 -0.49 2.47	30.27 -0.83 -0.32	37.33 -1.45 2.73	38.99 -2.25 7.64	38.39 -2.20 4.24	31.89 -1.69 8.65	27.81 -1.25 4.62	28.38 -0.84 -0.30	26.05 -0.13 -0.17
GELCKHM___115KV_LOAD 80723	28.23 -0.40 0.00	25.95 -0.34 0.00	23.62 -0.34 0.00	22.42 -0.32 0.00	22.14 -0.29 0.00	22.62 -0.30 0.00	25.50 -0.34 0.00	25.06 -0.25 0.00	23.68 -0.26 0.00	19.89 -0.22 -0.16	19.62 -0.23 -0.54	20.20 -0.18 -0.54	20.18 -0.18 0.00	21.93 -0.18 -0.02	22.84 -0.18 -0.90	28.45 -0.23 -2.64	34.09 -0.28 -3.59	45.00 -0.37 -3.86	47.33 -0.44 1.10	47.95 -0.40 -3.53	39.25 -0.38 2.60	35.22 -0.34 -1.88	32.04 -0.26 -3.38	26.15 -0.18 -0.33
GENERAL___MILLS 23808	27.60 -1.03 0.00	25.48 -0.81 0.00	23.26 -0.69 0.00	21.97 -0.77 0.00	21.65 -0.79 0.00	21.91 -1.01 0.00	24.70 -1.14 0.00	24.66 -0.66 0.00	23.28 -0.67 0.00	19.53 -0.42 0.00	18.95 -0.37 0.00	19.82 -0.02 0.00	20.30 -0.06 0.00	22.21 0.11 -0.01	21.79 -0.33 0.00	23.02 -0.55 2.47	30.20 -0.89 -0.32	37.25 -1.54 2.73	38.89 -2.35 7.64	38.30 -2.29 4.24	31.81 -1.77 8.65	27.78 -1.28 4.62	28.32 -0.90 -0.30	26.00 -0.18 -0.17
GE_PLASTICS___DRP 24183	28.86 0.23 0.00	26.50 0.21 0.00	24.20 0.24 0.00	22.99 0.25 0.00	22.68 0.25 0.00	23.14 0.23 0.00	26.07 0.23 0.00	25.47 0.15 0.00	24.07 0.12 0.00	20.03 0.08 0.00	19.39 0.08 0.00	19.86 0.02 0.00	20.38 0.02 0.00	22.11 0.02 0.00	22.14 0.02 0.00	26.09 0.05 0.00	30.83 0.06 0.00	41.55 0.04 0.00	49.12 0.24 0.00	45.05 0.22 0.00	42.48 0.25 0.00	33.88 0.20 0.00	29.12 0.20 0.00	26.19 0.18 0.00
GILBOA___1 23756	29.04 0.40 0.00	26.66 0.37 0.00	24.32 0.36 0.00	23.08 0.34 0.00	22.75 0.31 0.00	23.24 0.32 0.00	26.18 0.34 0.00	25.65 0.33 0.00	24.35 0.41 0.00	20.29 0.34 0.00	19.64 0.33 0.00	20.14 0.30 0.00	20.69 0.32 0.00	22.44 0.35 0.00	22.39 0.27 0.00	26.35 0.31 0.00	31.11 0.34 0.00	41.93 0.42 0.00	49.26 0.39 0.00	45.23 0.40 0.00	42.82 0.59 0.00	34.15 0.47 0.00	29.29 0.37 0.00	26.35 0.34 0.00
GILBOA___2 23757	29.04 0.40 0.00	26.66 0.37 0.00	24.32 0.36 0.00	23.08 0.34 0.00	22.75 0.31 0.00	23.24 0.32 0.00	26.18 0.34 0.00	25.65 0.33 0.00	24.35 0.41 0.00	20.29 0.34 0.00	19.64 0.33 0.00	20.14 0.30 0.00	20.69 0.32 0.00	22.44 0.35 0.00	22.39 0.27 0.00	26.35 0.31 0.00	31.11 0.34 0.00	41.93 0.42 0.00	49.26 0.39 0.00	45.23 0.40 0.00	42.82 0.59 0.00	34.15 0.47 0.00	29.29 0.37 0.00	26.35 0.34 0.00
GILBOA___3 23758	29.04 0.40 0.00	26.66 0.37 0.00	24.32 0.36 0.00	23.08 0.34 0.00	22.75 0.31 0.00	23.24 0.32 0.00	26.18 0.34 0.00	25.65 0.33 0.00	24.35 0.41 0.00	20.29 0.34 0.00	19.64 0.33 0.00	20.14 0.30 0.00	20.69 0.32 0.00	22.44 0.35 0.00	22.39 0.27 0.00	26.35 0.31 0.00	31.11 0.34 0.00	41.93 0.42 0.00	49.26 0.39 0.00	45.23 0.40 0.00	42.82 0.59 0.00	34.15 0.47 0.00	29.29 0.37 0.00	26.35 0.34 0.00
GILBOA___4 23759	29.04 0.40 0.00	26.66 0.37 0.00	24.32 0.36 0.00	23.08 0.34 0.00	22.75 0.31 0.00	23.24 0.32 0.00	26.18 0.34 0.00	25.65 0.33 0.00	24.35 0.41 0.00	20.29 0.34 0.00	19.64 0.33 0.00	20.14 0.30 0.00	20.69 0.32 0.00	22.44 0.35 0.00	22.39 0.27 0.00	26.35 0.31 0.00	31.11 0.34 0.00	41.93 0.42 0.00	49.26 0.39 0.00	45.23 0.40 0.00	42.82 0.59 0.00	34.15 0.47 0.00	29.29 0.37 0.00	26.35 0.34 0.00

GILBOA____ 23599	29.04 0.40 0.00	26.68 0.39 0.00	24.32 0.36 0.00	23.08 0.34 0.00	22.77 0.34 0.00	23.26 0.34 0.00	26.23 0.39 0.00	25.65 0.33 0.00	24.35 0.41 0.00	20.29 0.34 0.00	19.64 0.33 0.00	20.14 0.30 0.00	20.69 0.33 0.00	22.44 0.35 0.00	22.39 0.27 0.00	26.35 0.31 0.00	31.11 0.34 0.00	41.93 0.42 0.00	49.36 0.49 0.00	45.23 0.40 0.00	42.82 0.59 0.00	34.15 0.47 0.00	29.29 0.38 0.00	26.35 0.34 0.00
GINNA____ 23603	26.89 -1.75 0.00	24.71 -1.58 0.00	22.52 -1.44 0.00	21.38 -1.36 0.00	21.13 -1.30 0.00	21.56 -1.35 0.00	24.55 -1.29 0.00	24.08 -1.24 0.00	22.73 -1.22 0.00	18.98 -0.98 0.00	18.39 -0.93 0.00	18.99 -0.85 0.00	19.47 -0.90 0.00	21.17 -0.93 -0.01	21.15 -0.97 0.00	21.15 -1.12 3.77	29.08 -1.32 0.37	35.28 -1.74 4.49	36.84 -2.05 9.99	36.65 -1.93 6.25	29.24 -1.90 11.09	25.47 -1.55 6.66	27.35 -1.21 0.35	25.18 -0.99 -0.16
GLEN PARK____ 23778	29.24 0.60 0.00	26.82 0.53 0.00	24.41 0.45 0.00	23.17 0.43 0.00	22.81 0.38 0.00	23.30 0.39 0.00	26.38 0.54 0.00	25.83 0.51 0.00	24.28 0.34 0.00	21.49 0.06 -1.48	24.35 0.00 -5.04	24.94 0.04 -5.06	20.38 0.00 -0.02	22.15 0.04 -0.02	30.60 0.09 -8.38	36.58 0.31 -10.23	35.22 0.49 -3.96	50.86 0.96 -8.39	56.36 1.61 -5.88	62.81 1.79 -16.18	45.36 1.52 -1.61	38.95 0.94 -4.33	33.48 0.84 -3.73	26.79 0.49 -0.29
GLENDALE_27_KV_LOAD 356172	29.92 1.29 0.00	27.42 1.13 0.00	24.96 1.01 0.00	23.65 0.91 0.00	23.35 0.92 0.00	23.81 0.89 0.00	26.90 1.06 0.00	26.36 1.04 0.00	25.00 1.05 0.00	20.95 1.00 0.00	20.30 0.99 0.00	20.83 0.99 0.00	21.46 1.10 0.00	23.19 1.10 0.00	23.25 1.13 0.00	27.32 1.28 0.00	32.31 1.54 0.00	43.51 1.99 0.00	51.12 2.25 0.00	46.71 1.88 0.00	44.47 2.24 0.00	35.43 1.75 0.00	30.39 1.47 0.00	27.29 1.27 0.00
GLENWOOD_IC_1_G5 23712	29.75 1.12 0.00	27.21 0.92 0.00	24.75 0.79 0.00	23.47 0.73 0.00	23.17 0.74 0.00	23.67 0.76 0.00	26.75 0.90 0.00	26.18 0.86 0.00	24.86 0.91 0.00	20.77 0.82 0.00	20.24 0.93 0.00	20.69 0.85 0.00	21.32 0.96 0.00	23.13 1.04 0.00	23.21 1.08 0.00	27.29 1.25 0.00	32.22 1.45 0.00	43.00 1.49 0.00	50.53 1.66 0.00	46.35 1.52 0.00	43.96 1.73 0.00	35.32 1.65 0.00	30.25 1.33 0.00	27.10 1.09 0.00
GLENWOOD_IC_2_G1 23688	29.66 1.03 0.00	27.16 0.87 0.00	24.70 0.74 0.00	23.45 0.71 0.00	23.13 0.70 0.00	23.65 0.73 0.00	26.62 0.77 0.00	26.15 0.83 0.00	24.81 0.86 0.00	20.73 0.78 0.00	20.16 0.85 0.00	20.63 0.79 0.00	21.24 0.87 0.00	23.04 0.95 0.00	23.12 1.00 0.00	27.18 1.14 0.00	32.09 1.32 0.00	43.01 1.49 0.00	50.34 1.46 0.00	46.17 1.34 0.00	43.83 1.60 0.00	35.15 1.48 0.00	30.10 1.19 0.00	27.02 1.01 0.00
GLENWOOD_IC_3_G1 23689	29.66 1.03 0.00	27.16 0.87 0.00	24.70 0.74 0.00	23.45 0.71 0.00	23.13 0.70 0.00	23.65 0.73 0.00	26.62 0.77 0.00	26.15 0.83 0.00	24.81 0.86 0.00	20.73 0.78 0.00	20.16 0.85 0.00	20.63 0.79 0.00	21.24 0.87 0.00	23.04 0.95 0.00	23.12 1.00 0.00	27.18 1.14 0.00	32.09 1.32 0.00	43.01 1.49 0.00	50.34 1.46 0.00	46.17 1.34 0.00	43.83 1.60 0.00	35.15 1.48 0.00	30.10 1.19 0.00	27.02 1.01 0.00
GLENWOOD____4 23550	29.75 1.12 0.00	27.21 0.92 0.00	24.75 0.79 0.00	23.47 0.73 0.00	23.17 0.74 0.00	23.67 0.76 0.00	26.75 0.90 0.00	26.18 0.86 0.00	24.86 0.91 0.00	20.77 0.82 0.00	20.24 0.93 0.00	20.69 0.85 0.00	21.32 0.96 0.00	23.13 1.04 0.00	23.21 1.08 0.00	27.29 1.25 0.00	32.22 1.45 0.00	43.00 1.49 0.00	50.53 1.66 0.00	46.35 1.52 0.00	43.96 1.73 0.00	35.32 1.65 0.00	30.25 1.33 0.00	27.10 1.09 0.00
GLENWOOD____5 23614	29.75 1.12 0.00	27.21 0.92 0.00	24.75 0.79 0.00	23.47 0.73 0.00	23.17 0.74 0.00	23.67 0.76 0.00	26.75 0.90 0.00	26.18 0.86 0.00	24.86 0.91 0.00	20.77 0.82 0.00	20.24 0.93 0.00	20.69 0.85 0.00	21.32 0.96 0.00	23.13 1.04 0.00	23.21 1.08 0.00	27.29 1.25 0.00	32.22 1.45 0.00	43.00 1.49 0.00	50.53 1.66 0.00	46.35 1.52 0.00	43.96 1.73 0.00	35.32 1.65 0.00	30.25 1.33 0.00	27.10 1.09 0.00
GLOBAL GREEN_PORT_GT1 23814	29.64 1.00 0.00	27.05 0.76 0.00	24.56 0.60 0.00	23.40 0.66 0.00	23.13 0.70 0.00	23.58 0.66 0.00	26.33 0.49 0.00	25.87 0.56 0.00	24.50 0.55 0.00	20.43 0.48 0.00	20.09 0.77 0.00	20.41 0.58 0.00	21.01 0.65 0.00	22.91 0.82 0.00	23.09 0.97 0.00	27.21 1.17 0.00	32.37 1.60 0.00	42.79 1.29 0.01	49.99 1.13 0.01	45.99 1.16 0.00	43.57 1.35 0.01	35.46 1.78 0.00	30.16 1.24 0.00	27.10 1.09 0.00
GLOBE____DSASP 323697	27.17 -1.46 0.00	25.08 -1.21 0.00	22.66 -1.29 0.00	21.44 -1.30 0.00	21.15 -1.28 0.00	21.45 -1.47 0.00	24.14 -1.71 0.00	24.18 -1.14 0.00	22.80 -1.15 0.00	19.10 -0.86 0.00	18.54 -0.77 0.00	19.34 -0.50 0.00	19.81 -0.55 0.00	21.94 -0.15 -0.01	21.19 -0.93 0.00	21.83 -1.33 2.88	29.02 -1.85 -0.09	35.41 -2.86 3.24	36.68 -3.91 8.28	36.29 -3.72 4.81	29.84 -3.00 9.39	26.29 -2.12 5.27	27.40 -1.56 -0.05	25.81 -0.36 -0.17
GOETHSLN____LBMP 323567	22.61 0.97 7.00	20.74 0.87 6.42	19.24 0.74 5.46	18.22 0.68 5.20	17.70 0.67 5.40	18.36 0.69 5.24	19.40 0.85 7.29	20.10 0.84 6.05	19.92 0.86 4.89	16.58 0.82 4.19	14.77 0.81 5.36	15.98 0.79 4.65	14.19 0.88 7.05	15.83 0.91 7.16	19.66 0.93 3.39	20.63 1.04 6.45	23.04 1.26 8.99	23.25 1.54 19.80	23.73 1.71 26.85	23.59 1.48 22.72	23.37 1.77 20.63	23.32 1.45 11.80	23.10 1.19 7.00	23.07 0.99 3.93
GOLAH____69_KV_TB 1_2 80279	28.18 -0.46 0.00	25.92 -0.37 0.00	23.65 -0.31 0.00	22.44 -0.30 0.00	22.14 -0.29 0.00	22.59 -0.32 0.00	25.50 -0.34 0.00	25.24 -0.08 0.00	23.80 -0.14 0.00	19.87 -0.08 0.00	19.24 -0.08 0.00	19.92 0.08 0.00	20.42 0.06 0.00	22.21 0.11 -0.01	22.03 -0.09 0.00	22.45 -0.13 3.46	30.43 -0.15 0.19	37.24 -0.21 4.07	38.92 -0.49 9.47	38.59 -0.45 5.78	31.29 -0.38 10.56	27.22 -0.27 6.19	28.68 -0.06 0.18	26.46 0.29 -0.16
GOODYEAR_LAKE_HYD 323669	29.29 0.66 0.00	26.92 0.63 0.00	24.51 0.55 0.00	23.24 0.50 0.00	22.93 0.49 0.00	23.42 0.50 0.00	26.46 0.62 0.00	25.93 0.61 0.00	24.43 0.48 0.00	20.27 0.32 0.00	19.57 0.25 0.00	20.12 0.28 0.00	20.65 0.29 0.00	22.43 0.33 0.00	22.41 0.29 0.00	27.46 0.44 -0.98	32.58 0.65 -1.16	44.03 0.95 -1.56	50.79 1.37 -0.55	47.57 1.39 -1.36	43.93 1.39 -0.31	35.92 0.98 -1.27	30.82 0.81 -1.09	26.75 0.65 -0.09
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	28.61 -0.03 0.00	26.32 0.03 0.00	23.96 0.00 0.00	22.69 -0.05 0.00	22.41 -0.02 0.00	22.85 -0.07 0.00	25.76 -0.08 0.00	25.37 0.05 0.00	23.97 0.02 0.00	19.95 0.00 0.00	19.28 -0.04 0.00	19.94 0.10 0.00	20.44 0.08 0.00	22.23 0.13 -0.01	22.19 0.07 0.00	27.27 0.05 -1.18	33.04 0.00 -2.27	43.67 -0.04 -2.20	47.73 -0.10 1.05	46.09 -0.13 -1.40	40.49 0.04 1.78	34.84 0.03 -1.13	31.14 0.09 -2.14	26.40 0.18 -0.21

GOUDEY___7 23579	28.61 -0.03 0.00	26.32 0.03 0.00	23.96 0.00 0.00	22.69 -0.05 0.00	22.41 -0.02 0.00	22.85 -0.07 0.00	25.76 -0.08 0.00	25.37 0.05 0.00	23.97 0.02 0.00	19.95 0.00 0.00	19.28 -0.04 0.00	19.94 0.10 0.00	20.44 0.08 0.00	22.23 0.13 -0.01	22.19 0.07 0.00	27.27 0.05 -1.18	33.04 0.00 -2.27	43.67 -0.04 -2.20	47.73 -0.10 1.05	46.09 -0.13 -1.40	40.49 0.04 1.78	34.84 0.03 -1.13	31.14 0.09 -2.14	26.40 0.18 -0.21
GOUDEY___8 23580	28.61 -0.03 0.00	26.32 0.03 0.00	23.96 0.00 0.00	22.69 -0.05 0.00	22.41 -0.02 0.00	22.85 -0.07 0.00	25.76 -0.08 0.00	25.37 0.05 0.00	23.97 0.02 0.00	19.95 0.00 0.00	19.28 -0.04 0.00	19.94 0.10 0.00	20.44 0.08 0.00	22.23 0.13 -0.01	22.19 0.07 0.00	27.27 0.05 -1.18	33.04 0.00 -2.27	43.67 -0.04 -2.20	47.73 -0.10 1.05	46.09 -0.13 -1.40	40.49 0.04 1.78	34.84 0.03 -1.13	31.14 0.09 -2.14	26.40 0.18 -0.21
GOWANUS_GT1_1 24077	29.87 1.23 0.00	27.39 1.10 0.00	24.91 0.96 0.00	23.63 0.89 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.85 1.01 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.91 0.96 0.00	20.26 0.95 0.00	20.77 0.93 0.00	21.42 1.06 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.26 1.22 0.00	32.28 1.51 0.00	43.51 1.99 0.00	51.12 2.25 0.00	46.66 1.84 0.00	44.47 2.24 0.00	35.39 1.72 0.00	30.33 1.42 0.00	27.26 1.25 0.00
GOWANUS_GT1_2 24078	29.87 1.23 0.00	27.39 1.10 0.00	24.91 0.96 0.00	23.63 0.89 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.85 1.01 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.91 0.96 0.00	20.26 0.95 0.00	20.77 0.93 0.00	21.42 1.06 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.26 1.22 0.00	32.28 1.51 0.00	43.51 1.99 0.00	51.12 2.25 0.00	46.66 1.84 0.00	44.47 2.24 0.00	35.39 1.72 0.00	30.33 1.42 0.00	27.26 1.25 0.00
GOWANUS_GT1_3 24079	29.87 1.23 0.00	27.39 1.10 0.00	24.91 0.96 0.00	23.63 0.89 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.85 1.01 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.91 0.96 0.00	20.26 0.95 0.00	20.77 0.93 0.00	21.42 1.06 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.26 1.22 0.00	32.28 1.51 0.00	43.51 1.99 0.00	51.12 2.25 0.00	46.66 1.84 0.00	44.47 2.24 0.00	35.39 1.72 0.00	30.33 1.42 0.00	27.26 1.25 0.00
GOWANUS_GT1_4 24080	29.87 1.23 0.00	27.39 1.10 0.00	24.91 0.96 0.00	23.63 0.89 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.85 1.01 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.91 0.96 0.00	20.26 0.95 0.00	20.77 0.93 0.00	21.42 1.06 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.26 1.22 0.00	32.28 1.51 0.00	43.51 1.99 0.00	51.12 2.25 0.00	46.66 1.84 0.00	44.47 2.24 0.00	35.39 1.72 0.00	30.33 1.42 0.00	27.26 1.25 0.00
GOWANUS_GT1_5 24084	29.87 1.23 0.00	27.39 1.10 0.00	24.91 0.96 0.00	23.63 0.89 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.85 1.01 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.91 0.96 0.00	20.26 0.95 0.00	20.77 0.93 0.00	21.42 1.06 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.26 1.22 0.00	32.28 1.51 0.00	43.51 1.99 0.00	51.12 2.25 0.00	46.66 1.84 0.00	44.47 2.24 0.00	35.39 1.72 0.00	30.33 1.42 0.00	27.26 1.25 0.00
GOWANUS_GT1_6 24111	29.87 1.23 0.00	27.39 1.10 0.00	24.91 0.96 0.00	23.63 0.89 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.85 1.01 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.91 0.96 0.00	20.26 0.95 0.00	20.77 0.93 0.00	21.42 1.06 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.26 1.22 0.00	32.28 1.51 0.00	43.51 1.99 0.00	51.12 2.25 0.00	46.66 1.84 0.00	44.47 2.24 0.00	35.39 1.72 0.00	30.33 1.42 0.00	27.26 1.25 0.00
GOWANUS_GT1_7 24112	29.87 1.23 0.00	27.39 1.10 0.00	24.91 0.96 0.00	23.63 0.89 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.85 1.01 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.91 0.96 0.00	20.26 0.95 0.00	20.77 0.93 0.00	21.42 1.06 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.26 1.22 0.00	32.28 1.51 0.00	43.51 1.99 0.00	51.12 2.25 0.00	46.66 1.84 0.00	44.47 2.24 0.00	35.39 1.72 0.00	30.33 1.42 0.00	27.26 1.25 0.00
GOWANUS_GT1_8 24113	29.87 1.23 0.00	27.39 1.10 0.00	24.91 0.96 0.00	23.63 0.89 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.85 1.01 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.91 0.96 0.00	20.26 0.95 0.00	20.77 0.93 0.00	21.42 1.06 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.26 1.22 0.00	32.28 1.51 0.00	43.51 1.99 0.00	51.12 2.25 0.00	46.66 1.84 0.00	44.47 2.24 0.00	35.39 1.72 0.00	30.33 1.42 0.00	27.26 1.25 0.00
GOWANUS_GT2_1 24114	29.87 1.23 0.00	27.39 1.10 0.00	24.94 0.98 0.00	23.65 0.91 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.77 0.93 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.93 0.98 0.00	20.26 0.95 0.00	20.79 0.95 0.00	21.40 1.04 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.29 1.25 0.00	32.28 1.51 0.00	43.79 2.28 0.00	51.27 2.39 0.00	46.62 1.79 0.00	44.63 2.41 0.00	35.36 1.68 0.00	30.31 1.39 0.00	27.26 1.25 0.00
GOWANUS_GT2_2 24115	29.87 1.23 0.00	27.39 1.10 0.00	24.94 0.98 0.00	23.65 0.91 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.77 0.93 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.93 0.98 0.00	20.26 0.95 0.00	20.79 0.95 0.00	21.40 1.04 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.29 1.25 0.00	32.28 1.51 0.00	43.79 2.28 0.00	51.27 2.39 0.00	46.62 1.79 0.00	44.63 2.41 0.00	35.36 1.68 0.00	30.31 1.39 0.00	27.26 1.25 0.00
GOWANUS_GT2_3 24116	29.87 1.23 0.00	27.39 1.10 0.00	24.94 0.98 0.00	23.65 0.91 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.77 0.93 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.93 0.98 0.00	20.26 0.95 0.00	20.79 0.95 0.00	21.40 1.04 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.29 1.25 0.00	32.28 1.51 0.00	43.79 2.28 0.00	51.27 2.39 0.00	46.62 1.79 0.00	44.63 2.41 0.00	35.36 1.68 0.00	30.31 1.39 0.00	27.26 1.25 0.00
GOWANUS_GT2_4 24117	29.87 1.23 0.00	27.39 1.10 0.00	24.94 0.98 0.00	23.65 0.91 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.77 0.93 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.93 0.98 0.00	20.26 0.95 0.00	20.79 0.95 0.00	21.40 1.04 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.29 1.25 0.00	32.28 1.51 0.00	43.79 2.28 0.00	51.27 2.39 0.00	46.62 1.79 0.00	44.63 2.41 0.00	35.36 1.68 0.00	30.31 1.39 0.00	27.26 1.25 0.00
GOWANUS_GT2_5 24118	29.87 1.23 0.00	27.39 1.10 0.00	24.94 0.98 0.00	23.65 0.91 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.77 0.93 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.93 0.98 0.00	20.26 0.95 0.00	20.79 0.95 0.00	21.40 1.04 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.29 1.25 0.00	32.28 1.51 0.00	43.79 2.28 0.00	51.27 2.39 0.00	46.62 1.79 0.00	44.63 2.41 0.00	35.36 1.68 0.00	30.31 1.39 0.00	27.26 1.25 0.00

GOWANUS_GT2_6 24119	29.87 <u>1.23</u> 0.00	27.39 <u>1.10</u> 0.00	24.94 <u>0.98</u> 0.00	23.65 <u>0.91</u> 0.00	23.31 <u>0.87</u> 0.00	23.76 <u>0.85</u> 0.00	26.77 <u>0.93</u> 0.00	26.28 <u>0.96</u> 0.00	24.95 <u>1.01</u> 0.00	20.93 <u>0.98</u> 0.00	20.26 <u>0.95</u> 0.00	20.79 <u>0.95</u> 0.00	21.40 <u>1.04</u> 0.00	23.15 <u>1.06</u> 0.00	23.23 <u>1.11</u> 0.00	27.29 <u>1.25</u> 0.00	32.28 <u>1.51</u> 0.00	43.79 <u>2.28</u> 0.00	51.27 <u>2.39</u> 0.00	46.62 <u>1.79</u> 0.00	44.63 <u>2.41</u> 0.00	35.36 <u>1.68</u> 0.00	30.31 <u>1.39</u> 0.00	27.26 <u>1.25</u> 0.00
GOWANUS_GT2_7 24120	29.87 <u>1.23</u> 0.00	27.39 <u>1.10</u> 0.00	24.94 <u>0.98</u> 0.00	23.65 <u>0.91</u> 0.00	23.31 <u>0.87</u> 0.00	23.76 <u>0.85</u> 0.00	26.77 <u>0.93</u> 0.00	26.28 <u>0.96</u> 0.00	24.95 <u>1.01</u> 0.00	20.93 <u>0.98</u> 0.00	20.26 <u>0.95</u> 0.00	20.79 <u>0.95</u> 0.00	21.40 <u>1.04</u> 0.00	23.15 <u>1.06</u> 0.00	23.23 <u>1.11</u> 0.00	27.29 <u>1.25</u> 0.00	32.28 <u>1.51</u> 0.00	43.79 <u>2.28</u> 0.00	51.27 <u>2.39</u> 0.00	46.62 <u>1.79</u> 0.00	44.63 <u>2.41</u> 0.00	35.36 <u>1.68</u> 0.00	30.31 <u>1.39</u> 0.00	27.26 <u>1.25</u> 0.00
GOWANUS_GT2_8 24121	29.87 <u>1.23</u> 0.00	27.39 <u>1.10</u> 0.00	24.94 <u>0.98</u> 0.00	23.65 <u>0.91</u> 0.00	23.31 <u>0.87</u> 0.00	23.76 <u>0.85</u> 0.00	26.77 <u>0.93</u> 0.00	26.28 <u>0.96</u> 0.00	24.95 <u>1.01</u> 0.00	20.93 <u>0.98</u> 0.00	20.26 <u>0.95</u> 0.00	20.79 <u>0.95</u> 0.00	21.40 <u>1.04</u> 0.00	23.15 <u>1.06</u> 0.00	23.23 <u>1.11</u> 0.00	27.29 <u>1.25</u> 0.00	32.28 <u>1.51</u> 0.00	43.79 <u>2.28</u> 0.00	51.27 <u>2.39</u> 0.00	46.62 <u>1.79</u> 0.00	44.63 <u>2.41</u> 0.00	35.36 <u>1.68</u> 0.00	30.31 <u>1.39</u> 0.00	27.26 <u>1.25</u> 0.00
GOWANUS_GT3_1 24122	29.87 <u>1.23</u> 0.00	27.39 <u>1.10</u> 0.00	24.94 <u>0.98</u> 0.00	23.65 <u>0.91</u> 0.00	23.31 <u>0.87</u> 0.00	23.76 <u>0.85</u> 0.00	26.77 <u>0.93</u> 0.00	26.28 <u>0.96</u> 0.00	24.95 <u>1.01</u> 0.00	20.93 <u>0.98</u> 0.00	20.26 <u>0.95</u> 0.00	20.79 <u>0.95</u> 0.00	21.40 <u>1.04</u> 0.00	23.15 <u>1.06</u> 0.00	23.23 <u>1.11</u> 0.00	27.29 <u>1.25</u> 0.00	32.28 <u>1.51</u> 0.00	43.79 <u>2.28</u> 0.00	51.27 <u>2.39</u> 0.00	46.62 <u>1.79</u> 0.00	44.63 <u>2.41</u> 0.00	35.36 <u>1.68</u> 0.00	30.31 <u>1.39</u> 0.00	27.26 <u>1.25</u> 0.00
GOWANUS_GT3_2 24123	29.87 <u>1.23</u> 0.00	27.39 <u>1.10</u> 0.00	24.94 <u>0.98</u> 0.00	23.65 <u>0.91</u> 0.00	23.31 <u>0.87</u> 0.00	23.76 <u>0.85</u> 0.00	26.77 <u>0.93</u> 0.00	26.28 <u>0.96</u> 0.00	24.95 <u>1.01</u> 0.00	20.93 <u>0.98</u> 0.00	20.26 <u>0.95</u> 0.00	20.79 <u>0.95</u> 0.00	21.40 <u>1.04</u> 0.00	23.15 <u>1.06</u> 0.00	23.23 <u>1.11</u> 0.00	27.29 <u>1.25</u> 0.00	32.28 <u>1.51</u> 0.00	43.79 <u>2.28</u> 0.00	51.27 <u>2.39</u> 0.00	46.62 <u>1.79</u> 0.00	44.63 <u>2.41</u> 0.00	35.36 <u>1.68</u> 0.00	30.31 <u>1.39</u> 0.00	27.26 <u>1.25</u> 0.00
GOWANUS_GT3_3 24124	29.87 <u>1.23</u> 0.00	27.39 <u>1.10</u> 0.00	24.94 <u>0.98</u> 0.00	23.65 <u>0.91</u> 0.00	23.31 <u>0.87</u> 0.00	23.76 <u>0.85</u> 0.00	26.77 <u>0.93</u> 0.00	26.28 <u>0.96</u> 0.00	24.95 <u>1.01</u> 0.00	20.93 <u>0.98</u> 0.00	20.26 <u>0.95</u> 0.00	20.79 <u>0.95</u> 0.00	21.40 <u>1.04</u> 0.00	23.15 <u>1.06</u> 0.00	23.23 <u>1.11</u> 0.00	27.29 <u>1.25</u> 0.00	32.28 <u>1.51</u> 0.00	43.79 <u>2.28</u> 0.00	51.27 <u>2.39</u> 0.00	46.62 <u>1.79</u> 0.00	44.63 <u>2.41</u> 0.00	35.36 <u>1.68</u> 0.00	30.31 <u>1.39</u> 0.00	27.26 <u>1.25</u> 0.00
GOWANUS_GT3_4 24125	29.87 <u>1.23</u> 0.00	27.39 <u>1.10</u> 0.00	24.94 <u>0.98</u> 0.00	23.65 <u>0.91</u> 0.00	23.31 <u>0.87</u> 0.00	23.76 <u>0.85</u> 0.00	26.77 <u>0.93</u> 0.00	26.28 <u>0.96</u> 0.00	24.95 <u>1.01</u> 0.00	20.93 <u>0.98</u> 0.00	20.26 <u>0.95</u> 0.00	20.79 <u>0.95</u> 0.00	21.40 <u>1.04</u> 0.00	23.15 <u>1.06</u> 0.00	23.23 <u>1.11</u> 0.00	27.29 <u>1.25</u> 0.00	32.28 <u>1.51</u> 0.00	43.79 <u>2.28</u> 0.00	51.27 <u>2.39</u> 0.00	46.62 <u>1.79</u> 0.00	44.63 <u>2.41</u> 0.00	35.36 <u>1.68</u> 0.00	30.31 <u>1.39</u> 0.00	27.26 <u>1.25</u> 0.00
GOWANUS_GT3_5 24126	29.87 <u>1.23</u> 0.00	27.39 <u>1.10</u> 0.00	24.94 <u>0.98</u> 0.00	23.65 <u>0.91</u> 0.00	23.31 <u>0.87</u> 0.00	23.76 <u>0.85</u> 0.00	26.77 <u>0.93</u> 0.00	26.28 <u>0.96</u> 0.00	24.95 <u>1.01</u> 0.00	20.93 <u>0.98</u> 0.00	20.26 <u>0.95</u> 0.00	20.79 <u>0.95</u> 0.00	21.40 <u>1.04</u> 0.00	23.15 <u>1.06</u> 0.00	23.23 <u>1.11</u> 0.00	27.29 <u>1.25</u> 0.00	32.28 <u>1.51</u> 0.00	43.79 <u>2.28</u> 0.00	51.27 <u>2.39</u> 0.00	46.62 <u>1.79</u> 0.00	44.63 <u>2.41</u> 0.00	35.36 <u>1.68</u> 0.00	30.31 <u>1.39</u> 0.00	27.26 <u>1.25</u> 0.00
GOWANUS_GT3_6 24127	29.87 <u>1.23</u> 0.00	27.39 <u>1.10</u> 0.00	24.94 <u>0.98</u> 0.00	23.65 <u>0.91</u> 0.00	23.31 <u>0.87</u> 0.00	23.76 <u>0.85</u> 0.00	26.77 <u>0.93</u> 0.00	26.28 <u>0.96</u> 0.00	24.95 <u>1.01</u> 0.00	20.93 <u>0.98</u> 0.00	20.26 <u>0.95</u> 0.00	20.79 <u>0.95</u> 0.00	21.40 <u>1.04</u> 0.00	23.15 <u>1.06</u> 0.00	23.23 <u>1.11</u> 0.00	27.29 <u>1.25</u> 0.00	32.28 <u>1.51</u> 0.00	43.79 <u>2.28</u> 0.00	51.27 <u>2.39</u> 0.00	46.62 <u>1.79</u> 0.00	44.63 <u>2.41</u> 0.00	35.36 <u>1.68</u> 0.00	30.31 <u>1.39</u> 0.00	27.26 <u>1.25</u> 0.00
GOWANUS_GT3_7 24128	29.87 <u>1.23</u> 0.00	27.39 <u>1.10</u> 0.00	24.94 <u>0.98</u> 0.00	23.65 <u>0.91</u> 0.00	23.31 <u>0.87</u> 0.00	23.76 <u>0.85</u> 0.00	26.77 <u>0.93</u> 0.00	26.28 <u>0.96</u> 0.00	24.95 <u>1.01</u> 0.00	20.93 <u>0.98</u> 0.00	20.26 <u>0.95</u> 0.00	20.79 <u>0.95</u> 0.00	21.40 <u>1.04</u> 0.00	23.15 <u>1.06</u> 0.00	23.23 <u>1.11</u> 0.00	27.29 <u>1.25</u> 0.00	32.28 <u>1.51</u> 0.00	43.79 <u>2.28</u> 0.00	51.27 <u>2.39</u> 0.00	46.62 <u>1.79</u> 0.00	44.63 <u>2.41</u> 0.00	35.36 <u>1.68</u> 0.00	30.31 <u>1.39</u> 0.00	27.26 <u>1.25</u> 0.00
GOWANUS_GT3_8 24129	29.87 <u>1.23</u> 0.00	27.39 <u>1.10</u> 0.00	24.94 <u>0.98</u> 0.00	23.65 <u>0.91</u> 0.00	23.31 <u>0.87</u> 0.00	23.76 <u>0.85</u> 0.00	26.77 <u>0.93</u> 0.00	26.28 <u>0.96</u> 0.00	24.95 <u>1.01</u> 0.00	20.93 <u>0.98</u> 0.00	20.26 <u>0.95</u> 0.00	20.79 <u>0.95</u> 0.00	21.40 <u>1.04</u> 0.00	23.15 <u>1.06</u> 0.00	23.23 <u>1.11</u> 0.00	27.29 <u>1.25</u> 0.00	32.28 <u>1.51</u> 0.00	43.79 <u>2.28</u> 0.00	51.27 <u>2.39</u> 0.00	46.62 <u>1.79</u> 0.00	44.63 <u>2.41</u> 0.00	35.36 <u>1.68</u> 0.00	30.31 <u>1.39</u> 0.00	27.26 <u>1.25</u> 0.00
GOWANUS_GT4_1 24130	29.87 <u>1.23</u> 0.00	27.39 <u>1.10</u> 0.00	24.91 <u>0.96</u> 0.00	23.63 <u>0.89</u> 0.00	23.31 <u>0.87</u> 0.00	23.76 <u>0.85</u> 0.00	26.85 <u>1.01</u> 0.00	26.28 <u>0.96</u> 0.00	24.95 <u>1.01</u> 0.00	20.91 <u>0.96</u> 0.00	20.26 <u>0.95</u> 0.00	20.77 <u>0.93</u> 0.00	21.42 <u>1.06</u> 0.00	23.15 <u>1.06</u> 0.00	23.23 <u>1.11</u> 0.00	27.26 <u>1.22</u> 0.00	32.28 <u>1.51</u> 0.00	43.51 <u>1.99</u> 0.00	51.12 <u>2.25</u> 0.00	46.66 <u>1.84</u> 0.00	44.47 <u>2.24</u> 0.00	35.39 <u>1.72</u> 0.00	30.33 <u>1.42</u> 0.00	27.26 <u>1.25</u> 0.00
GOWANUS_GT4_2 24131	29.87 <u>1.23</u> 0.00	27.39 <u>1.10</u> 0.00	24.91 <u>0.96</u> 0.00	23.63 <u>0.89</u> 0.00	23.31 <u>0.87</u> 0.00	23.76 <u>0.85</u> 0.00	26.85 <u>1.01</u> 0.00	26.28 <u>0.96</u> 0.00	24.95 <u>1.01</u> 0.00	20.91 <u>0.96</u> 0.00	20.26 <u>0.95</u> 0.00	20.77 <u>0.93</u> 0.00	21.42 <u>1.06</u> 0.00	23.15 <u>1.06</u> 0.00	23.23 <u>1.11</u> 0.00	27.26 <u>1.22</u> 0.00	32.28 <u>1.51</u> 0.00	43.51 <u>1.99</u> 0.00	51.12 <u>2.25</u> 0.00	46.66 <u>1.84</u> 0.00	44.47 <u>2.24</u> 0.00	35.39 <u>1.72</u> 0.00	30.33 <u>1.42</u> 0.00	27.26 <u>1.25</u> 0.00
GOWANUS_GT4_3 24132	29.87 <u>1.23</u> 0.00	27.39 <u>1.10</u> 0.00	24.91 <u>0.96</u> 0.00	23.63 <u>0.89</u> 0.00	23.31 <u>0.87</u> 0.00	23.76 <u>0.85</u> 0.00	26.85 <u>1.01</u> 0.00	26.28 <u>0.96</u> 0.00	24.95 <u>1.01</u> 0.00	20.91 <u>0.96</u> 0.00	20.26 <u>0.95</u> 0.00	20.77 <u>0.93</u> 0.00	21.42 <u>1.06</u> 0.00	23.15 <u>1.06</u> 0.00	23.23 <u>1.11</u> 0.00	27.26 <u>1.22</u> 0.00	32.28 <u>1.51</u> 0.00	43.51 <u>1.99</u> 0.00	51.12 <u>2.25</u> 0.00	46.66 <u>1.84</u> 0.00	44.47 <u>2.24</u> 0.00	35.39 <u>1.72</u> 0.00	30.33 <u>1.42</u> 0.00	27.26 <u>1.25</u> 0.00
GOWANUS_GT4_4 24133	29.87 <u>1.23</u> 0.00	27.39 <u>1.10</u> 0.00	24.91 <u>0.96</u> 0.00	23.63 <u>0.89</u> 0.00	23.31 <u>0.87</u> 0.00	23.76 <u>0.85</u> 0.00	26.85 <u>1.01</u> 0.00	26.28 <u>0.96</u> 0.00	24.95 <u>1.01</u> 0.00	20.91 <u>0.96</u> 0.00	20.26 <u>0.95</u> 0.00	20.77 <u>0.93</u> 0.00	21.42 <u>1.06</u> 0.00	23.15 <u>1.06</u> 0.00	23.23 <u>1.11</u> 0.00	27.26 <u>1.22</u> 0.00	32.28 <u>1.51</u> 0.00	43.51 <u>1.99</u> 0.00	51.12 <u>2.25</u> 0.00	46.66 <u>1.84</u> 0.00	44.47 <u>2.24</u> 0.00	35.39 <u>1.72</u> 0.00	30.33 <u>1.42</u> 0.00	27.26 <u>1.25</u> 0.00

GOWANUS_GT4_5 24134	29.87 1.23 0.00	27.39 1.10 0.00	24.91 0.96 0.00	23.63 0.89 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.85 1.01 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.91 0.96 0.00	20.26 0.95 0.00	20.77 0.93 0.00	21.42 1.06 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.26 1.22 0.00	32.28 1.51 0.00	43.51 1.99 0.00	51.12 2.25 0.00	46.66 1.84 0.00	44.47 2.24 0.00	35.39 1.72 0.00	30.33 1.42 0.00	27.26 1.25 0.00
GOWANUS_GT4_6 24135	29.87 1.23 0.00	27.39 1.10 0.00	24.91 0.96 0.00	23.63 0.89 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.85 1.01 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.91 0.96 0.00	20.26 0.95 0.00	20.77 0.93 0.00	21.42 1.06 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.26 1.22 0.00	32.28 1.51 0.00	43.51 1.99 0.00	51.12 2.25 0.00	46.66 1.84 0.00	44.47 2.24 0.00	35.39 1.72 0.00	30.33 1.42 0.00	27.26 1.25 0.00
GOWANUS_GT4_7 24136	29.87 1.23 0.00	27.39 1.10 0.00	24.91 0.96 0.00	23.63 0.89 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.85 1.01 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.91 0.96 0.00	20.26 0.95 0.00	20.77 0.93 0.00	21.42 1.06 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.26 1.22 0.00	32.28 1.51 0.00	43.51 1.99 0.00	51.12 2.25 0.00	46.66 1.84 0.00	44.47 2.24 0.00	35.39 1.72 0.00	30.33 1.42 0.00	27.26 1.25 0.00
GOWANUS_GT4_8 24137	29.87 1.23 0.00	27.39 1.10 0.00	24.91 0.96 0.00	23.63 0.89 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.85 1.01 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.91 0.96 0.00	20.26 0.95 0.00	20.77 0.93 0.00	21.42 1.06 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.26 1.22 0.00	32.28 1.51 0.00	43.51 1.99 0.00	51.12 2.25 0.00	46.66 1.84 0.00	44.47 2.24 0.00	35.39 1.72 0.00	30.33 1.42 0.00	27.26 1.25 0.00
GREATVRV_69_KV_BK1 356245	29.84 1.20 0.00	27.21 0.92 0.00	24.68 0.72 0.00	23.42 0.68 0.00	23.19 0.76 0.00	23.65 0.73 0.00	26.69 0.85 0.00	26.18 0.86 0.00	24.83 0.89 0.00	20.71 0.76 0.00	20.34 1.02 0.00	20.73 0.89 0.00	21.36 1.00 0.00	23.26 1.17 0.00	23.40 1.28 0.00	27.52 1.48 0.00	32.65 1.88 0.00	43.08 1.58 0.01	50.58 1.71 0.01	46.44 1.61 0.00	44.04 1.82 0.01	35.80 2.12 0.00	30.48 1.56 0.00	27.21 1.20 0.00
GREENBSH_115KV_TB3 55895	28.69 0.06 0.00	26.40 0.11 0.00	24.12 0.17 0.00	22.92 0.18 0.00	22.59 0.16 0.00	23.08 0.16 0.00	25.97 0.13 0.00	25.34 0.03 0.00	23.95 0.00 0.00	19.93 -0.02 0.00	19.28 -0.04 0.00	19.72 -0.12 0.00	20.24 -0.12 0.00	21.98 -0.11 0.00	22.01 -0.11 0.00	25.94 -0.10 0.00	30.65 -0.12 0.00	41.35 -0.17 0.00	48.92 0.05 0.00	44.83 0.00 0.00	42.27 0.04 0.00	33.71 0.03 0.00	29.00 0.09 0.00	26.06 0.05 0.00
GREENDGE_115KV_TB5 80291	28.72 0.09 0.00	26.40 0.11 0.00	24.00 0.05 0.00	22.74 0.00 0.00	22.45 0.02 0.00	22.92 0.00 0.00	25.89 0.05 0.00	25.57 0.25 0.00	24.07 0.12 0.00	19.99 0.04 0.00	19.30 -0.02 0.00	20.02 0.18 0.00	20.54 0.18 0.00	22.37 0.27 -0.01	22.36 0.24 0.00	27.40 0.26 -1.10	33.79 0.37 -2.65	44.10 0.33 -2.25	47.35 0.49 2.01	46.31 0.31 -1.17	39.53 0.25 2.95	34.87 0.37 -0.82	31.73 0.32 -2.50	26.66 0.39 -0.26
GREENIDGE___3 23582	28.72 0.09 0.00	26.40 0.11 0.00	24.00 0.05 0.00	22.74 0.00 0.00	22.45 0.02 0.00	22.92 0.00 0.00	25.89 0.05 0.00	25.57 0.25 0.00	24.07 0.12 0.00	19.99 0.04 0.00	19.30 -0.02 0.00	20.02 0.18 0.00	20.54 0.18 0.00	22.37 0.27 -0.01	22.36 0.24 0.00	27.40 0.26 -1.10	33.79 0.37 -2.65	44.10 0.33 -2.25	47.35 0.49 2.01	46.31 0.31 -1.17	39.53 0.25 2.95	34.87 0.37 -0.82	31.73 0.32 -2.50	26.66 0.39 -0.26
GREENIDGE___4 23583	28.72 0.09 0.00	26.45 0.16 0.00	24.03 0.07 0.00	22.74 0.00 0.00	22.50 0.07 0.00	22.92 0.00 0.00	26.05 0.21 0.00	25.57 0.25 0.00	24.07 0.12 0.00	19.99 0.04 0.00	19.30 -0.02 0.00	20.04 0.20 0.00	20.54 0.18 0.00	22.37 0.27 -0.01	22.37 0.24 0.00	27.40 0.26 -1.10	33.76 0.34 -2.65	44.06 0.29 -2.25	47.30 0.44 2.01	46.31 0.32 -1.17	39.58 0.30 2.95	34.87 0.37 -0.82	31.79 0.37 -2.50	26.66 0.39 -0.26
GREENLWN_69_KV_BK 3 55738	29.47 0.83 0.00	26.89 0.60 0.00	24.41 0.46 0.00	23.15 0.41 0.00	22.90 0.47 0.00	23.37 0.46 0.00	26.41 0.57 0.00	25.87 0.56 0.00	24.55 0.60 0.00	20.49 0.54 0.00	20.07 0.75 0.00	20.49 0.65 0.00	21.11 0.75 0.00	22.95 0.86 0.00	23.07 0.95 0.00	27.13 1.09 0.00	32.10 1.32 0.00	42.05 0.54 0.01	49.36 0.49 0.01	45.27 0.45 0.00	42.98 0.76 0.01	35.09 1.41 0.00	30.02 1.10 0.00	26.84 0.83 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.87 1.23 0.00	27.39 1.10 0.00	24.91 0.96 0.00	23.63 0.89 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.85 1.01 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.91 0.96 0.00	20.26 0.95 0.00	20.77 0.93 0.00	21.42 1.06 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.26 1.22 0.00	32.28 1.51 0.00	43.51 1.99 0.00	51.12 2.25 0.00	46.66 1.84 0.00	44.47 2.24 0.00	35.39 1.72 0.00	30.33 1.42 0.00	27.26 1.25 0.00
GRISSOM___SOLAR 323813	29.89 1.26 0.00	27.45 1.16 0.00	25.06 1.10 0.00	23.79 1.05 0.00	23.42 0.99 0.00	23.92 1.01 0.00	27.00 1.16 0.00	26.23 0.91 0.00	24.26 0.31 0.00	19.89 -0.06 0.00	18.95 -0.37 0.00	19.28 -0.56 0.00	19.73 -0.63 0.00	21.49 -0.60 0.00	21.66 -0.47 0.00	25.78 -0.26 0.00	31.02 0.25 0.00	42.63 1.12 0.00	51.12 2.25 0.00	47.20 2.37 0.00	44.46 2.24 0.00	35.36 1.68 0.00	30.31 1.39 0.00	27.13 1.12 0.00
GROVEVILLE___HYD 323602	29.69 1.06 0.00	27.24 0.95 0.00	24.79 0.84 0.00	23.51 0.77 0.00	23.22 0.79 0.00	23.74 0.82 0.00	26.77 0.93 0.00	26.15 0.84 0.00	24.74 0.79 0.00	20.67 0.72 0.00	19.99 0.68 0.00	20.47 0.63 0.00	21.09 0.73 0.00	22.84 0.75 0.00	22.90 0.77 0.00	26.98 0.94 0.00	31.94 1.17 0.00	43.13 1.62 0.00	50.88 2.00 0.00	46.53 1.70 0.00	44.09 1.86 0.00	35.05 1.38 0.00	30.07 1.16 0.00	27.00 0.99 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.38 -0.26 0.00	26.08 -0.21 0.00	23.74 -0.22 0.00	22.54 -0.20 0.00	22.23 -0.20 0.00	22.71 -0.21 0.00	25.63 -0.21 0.00	25.19 -0.13 0.00	23.80 -0.14 0.00	19.96 -0.14 -0.14	19.65 -0.15 -0.49	20.25 -0.08 -0.49	20.28 -0.08 0.00	22.04 -0.07 -0.02	22.87 -0.07 -0.81	31.26 -0.10 -5.33	36.16 -0.12 -5.51	49.11 -0.12 -7.72	51.71 -0.15 -2.98	52.25 -0.13 -7.56	43.57 -0.17 -1.51	39.53 -0.17 -6.03	33.99 -0.12 -5.19	26.36 -0.05 -0.40
HAMLTNNY_34_KV_TB 80303	28.43 -0.20 0.00	26.13 -0.16 0.00	23.79 -0.17 0.00	22.56 -0.18 0.00	22.28 -0.16 0.00	22.75 -0.16 0.00	25.71 -0.13 0.00	25.27 -0.05 0.00	23.88 -0.07 0.00	20.00 -0.08 -0.12	19.64 -0.10 -0.42	20.26 0.00 -0.43	20.36 0.00 0.00	22.13 0.02 -0.02	22.85 0.02 -0.71	31.22 0.03 -5.16	36.20 0.03 -5.40	49.14 0.08 -7.54	51.90 0.15 -2.88	52.21 0.09 -7.30	43.75 0.04 -1.48	39.58 0.00 -5.91	34.03 0.03 -5.09	26.49 0.08 -0.40

HAMPSHIRE___PAPER_HYD 323593	29.09 0.46 0.00	26.69 0.39 0.00	24.29 0.34 0.00	23.06 0.32 0.00	22.75 0.31 0.00	23.21 0.30 0.00	26.20 0.36 0.00	25.67 0.35 0.00	24.26 0.31 0.00	24.06 0.14 -3.96	32.93 0.14 -13.48	33.53 0.16 -13.53	20.50 0.08 -0.05	22.19 0.09 -0.01	44.73 0.18 -22.43	46.13 0.26 -19.83	32.77 0.31 -1.69	52.51 0.54 -10.46	61.19 0.78 -11.53	78.48 0.76 -32.89	44.70 0.51 -1.96	35.96 0.44 -1.85	30.86 0.35 -1.59	26.29 0.16 -0.12
HARDSCRABBLE_WT_PWR 323673	28.38 -0.26 0.00	26.00 -0.29 0.00	23.69 -0.26 0.00	22.51 -0.23 0.00	22.21 -0.22 0.00	22.69 -0.23 0.00	25.61 -0.23 0.00	25.09 -0.23 0.00	23.78 -0.17 0.00	19.99 -0.10 -0.14	19.74 -0.04 -0.46	20.28 -0.02 -0.47	20.36 0.00 0.00	22.09 0.00 0.00	22.87 -0.02 -0.77	26.70 0.03 -0.63	30.86 0.09 0.00	41.84 0.04 -0.28	49.20 -0.05 -0.37	45.80 -0.09 -1.07	42.20 -0.08 -0.05	33.57 -0.10 0.00	28.89 -0.03 0.00	25.96 -0.05 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.55 0.92 0.00	27.13 0.84 0.00	24.68 0.72 0.00	23.40 0.66 0.00	23.11 0.67 0.00	23.63 0.71 0.00	26.64 0.80 0.00	26.05 0.73 0.00	24.67 0.72 0.00	20.61 0.66 0.00	19.95 0.64 0.00	20.45 0.61 0.00	21.05 0.69 0.00	22.82 0.73 0.00	22.87 0.75 0.00	26.95 0.91 0.00	31.85 1.08 0.00	42.92 1.41 0.00	50.59 1.71 0.00	46.26 1.43 0.00	43.92 1.69 0.00	34.95 1.28 0.00	29.99 1.07 0.00	26.92 0.91 0.00
HARSNRAD_115KV_TB1 81005	27.35 -1.29 0.00	25.24 -1.05 0.00	23.17 -0.79 0.00	21.90 -0.84 0.00	21.60 -0.83 0.00	21.86 -1.05 0.00	24.65 -1.19 0.00	24.66 -0.66 0.00	23.28 -0.67 0.00	19.53 -0.42 0.00	18.95 -0.37 0.00	19.78 -0.06 0.00	20.24 -0.12 0.00	22.05 -0.04 -0.01	21.57 -0.55 0.00	22.35 -0.83 2.86	29.65 -1.23 -0.11	36.30 -1.95 3.26	37.75 -2.79 8.33	37.29 -2.69 4.84	30.70 -2.15 9.37	26.89 -1.55 5.23	27.92 -1.10 -0.10	25.89 -0.29 -0.17
HARZA MOOSE___RIVER 24016	28.98 0.34 0.00	26.58 0.29 0.00	24.17 0.22 0.00	22.97 0.23 0.00	22.61 0.18 0.00	23.05 0.14 0.00	26.05 0.21 0.00	25.52 0.20 0.00	24.12 0.17 0.00	21.08 0.02 -1.10	23.05 -0.02 -3.76	23.63 0.02 -3.77	20.38 0.00 -0.01	22.12 0.02 -0.01	28.42 0.04 -6.26	32.70 0.16 -6.50	32.67 0.28 -1.62	46.51 0.54 -4.46	53.46 0.83 -3.76	56.19 0.85 -10.51	43.75 0.68 -0.85	35.85 0.40 -1.77	30.82 0.38 -1.52	26.31 0.18 -0.12
HDSNBRDG_115KV_BRDG_TB1 355580	28.23 -0.40 0.00	25.95 -0.34 0.00	23.62 -0.34 0.00	22.42 -0.32 0.00	22.14 -0.29 0.00	22.62 -0.30 0.00	25.50 -0.34 0.00	25.06 -0.25 0.00	23.68 -0.26 0.00	19.87 -0.24 -0.16	19.63 -0.23 -0.55	20.21 -0.18 -0.55	20.18 -0.18 0.00	21.93 -0.18 -0.02	22.86 -0.18 -0.91	27.72 -0.23 -1.92	33.45 -0.31 -2.99	43.85 -0.46 -2.79	46.32 -0.54 2.02	46.79 -0.49 -2.46	38.29 -0.46 3.48	34.08 -0.40 -0.81	31.44 -0.29 -2.81	26.12 -0.18 -0.29
HELLGATE_13_KV_LD 55870	29.95 1.32 0.00	27.45 1.16 0.00	24.99 1.03 0.00	23.69 0.96 0.00	23.37 0.94 0.00	23.83 0.92 0.00	26.93 1.09 0.00	26.33 1.01 0.00	25.00 1.05 0.00	20.95 1.00 0.00	20.30 0.99 0.00	20.83 0.99 0.00	21.46 1.10 0.00	23.19 1.10 0.00	23.25 1.13 0.00	27.29 1.25 0.00	32.28 1.51 0.00	43.46 1.95 0.00	51.07 2.20 0.00	46.66 1.84 0.00	44.42 2.20 0.00	35.39 1.72 0.00	30.39 1.47 0.00	27.31 1.30 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.95 1.32 0.00	27.45 1.16 0.00	24.99 1.03 0.00	23.69 0.96 0.00	23.37 0.94 0.00	23.83 0.92 0.00	26.93 1.09 0.00	26.33 1.01 0.00	25.00 1.05 0.00	20.95 1.00 0.00	20.30 0.99 0.00	20.83 0.99 0.00	21.46 1.10 0.00	23.19 1.10 0.00	23.25 1.13 0.00	27.29 1.25 0.00	32.28 1.51 0.00	43.46 1.95 0.00	51.07 2.20 0.00	46.66 1.84 0.00	44.42 2.20 0.00	35.39 1.72 0.00	30.39 1.47 0.00	27.31 1.30 0.00
HEMPSTEAD____ 23647	29.58 0.94 0.00	27.03 0.74 0.00	24.56 0.60 0.00	23.31 0.57 0.00	23.01 0.58 0.00	23.51 0.59 0.00	26.46 0.62 0.00	26.00 0.68 0.00	24.67 0.72 0.00	20.61 0.66 0.00	20.14 0.83 0.00	20.57 0.73 0.00	21.18 0.82 0.00	23.02 0.93 0.00	23.12 1.00 0.00	27.16 1.12 0.00	32.06 1.29 0.00	42.63 1.12 0.01	49.75 0.88 0.01	45.68 0.85 0.00	43.45 1.23 0.01	35.06 1.38 0.00	30.02 1.10 0.00	26.92 0.91 0.00
HICKLING___1 23621	28.43 -0.20 0.00	26.16 -0.13 0.00	23.79 -0.17 0.00	22.51 -0.23 0.00	22.21 -0.22 0.00	22.62 -0.30 0.00	25.50 -0.34 0.00	25.19 -0.13 0.00	23.76 -0.19 0.00	19.77 -0.18 0.00	19.10 -0.21 0.00	19.88 0.04 0.00	20.36 0.00 0.00	22.21 0.11 -0.01	22.10 -0.02 0.00	26.48 -0.08 -0.52	32.65 -0.18 -2.06	42.54 -0.33 -1.36	45.87 -0.49 2.51	44.59 -0.58 -0.34	38.53 -0.34 3.36	33.47 -0.24 -0.03	30.74 -0.12 -1.94	26.31 0.08 -0.22
HICKLING___2 23622	28.43 -0.20 0.00	26.16 -0.13 0.00	23.79 -0.17 0.00	22.51 -0.23 0.00	22.21 -0.22 0.00	22.62 -0.30 0.00	25.50 -0.34 0.00	25.19 -0.13 0.00	23.76 -0.19 0.00	19.77 -0.18 0.00	19.10 -0.21 0.00	19.88 0.04 0.00	20.36 0.00 0.00	22.21 0.11 -0.01	22.10 -0.02 0.00	26.48 -0.08 -0.52	32.65 -0.18 -2.06	42.54 -0.33 -1.36	45.87 -0.49 2.51	44.59 -0.58 -0.34	38.53 -0.34 3.36	33.47 -0.24 -0.03	30.74 -0.12 -1.94	26.31 0.08 -0.22
HIGH FALLS___HY 23754	29.67 1.03 0.00	27.24 0.95 0.00	24.75 0.79 0.00	23.47 0.73 0.00	23.17 0.74 0.00	23.72 0.80 0.00	26.77 0.93 0.00	26.15 0.84 0.00	24.76 0.81 0.00	20.69 0.74 0.00	20.01 0.70 0.00	20.53 0.69 0.00	21.16 0.79 0.00	22.91 0.82 0.00	22.96 0.84 0.00	27.06 1.02 0.00	32.03 1.26 0.00	43.22 1.70 0.00	50.93 2.05 0.00	46.57 1.75 0.00	44.17 1.94 0.00	35.09 1.41 0.00	30.07 1.16 0.00	27.00 0.99 0.00
HIGH_RIVER___SOLAR 323847	29.44 0.80 0.00	27.05 0.76 0.00	24.67 0.72 0.00	23.42 0.68 0.00	23.06 0.63 0.00	23.58 0.66 0.00	26.56 0.72 0.00	25.90 0.58 0.00	24.19 0.24 0.00	19.95 0.00 0.00	19.12 -0.19 0.00	19.50 -0.34 0.00	20.00 -0.37 0.00	21.74 -0.35 0.00	21.86 -0.26 0.00	25.94 -0.10 0.00	30.96 0.19 0.00	42.22 0.71 0.00	50.24 1.37 0.00	46.26 1.43 0.00	43.58 1.35 0.00	34.72 1.05 0.00	29.78 0.87 0.00	26.71 0.70 0.00
HILLBURN___GT 23639	29.58 0.94 0.00	27.13 0.84 0.00	24.70 0.74 0.00	23.42 0.68 0.00	23.10 0.67 0.00	23.63 0.71 0.00	26.59 0.75 0.00	26.10 0.79 0.00	24.74 0.79 0.00	20.67 0.72 0.00	20.03 0.72 0.00	20.53 0.69 0.00	21.13 0.77 0.00	22.88 0.79 0.00	22.94 0.82 0.00	27.00 0.96 0.00	31.88 1.11 0.00	42.97 1.45 0.00	50.39 1.52 0.00	46.22 1.39 0.00	43.87 1.65 0.00	34.99 1.31 0.00	29.99 1.07 0.00	26.95 0.94 0.00
HILLSIDE_115KV_TB1 80332	28.26 -0.37 0.00	26.00 -0.29 0.00	23.65 -0.31 0.00	22.40 -0.34 0.00	22.10 -0.34 0.00	22.48 -0.44 0.00	25.35 -0.49 0.00	25.04 -0.28 0.00	23.61 -0.34 0.00	19.67 -0.28 0.00	19.01 -0.31 0.00	19.74 -0.10 0.00	20.24 -0.12 0.00	22.04 -0.07 -0.01	21.94 -0.18 0.00	26.43 -0.26 -0.65	32.46 -0.43 -2.12	42.39 -0.66 -1.54	45.70 -0.93 2.24	44.44 -0.94 -0.55	38.52 -0.63 3.07	33.45 -0.47 -0.25	30.59 -0.32 -1.99	26.15 -0.08 -0.22

HISHELDN_WT_PWR 323625	27.49 -1.15 0.00	25.40 -0.89 0.00	23.12 -0.84 0.00	21.76 -0.98 0.00	21.56 -0.88 0.00	21.72 -1.19 0.00	24.86 -0.98 0.00	24.41 -0.91 0.00	23.01 -0.93 0.00	19.30 -0.66 0.00	18.70 -0.62 0.00	19.58 -0.26 0.00	20.08 -0.29 0.00	21.95 -0.15 -0.01	21.59 -0.53 0.00	23.31 -0.76 1.97	30.22 -1.17 -0.62	37.60 -1.87 2.05	39.78 -2.30 6.80	39.06 -2.28 3.48	32.63 -1.81 7.78	28.35 -1.48 3.84	28.46 -1.04 -0.58	25.70 -0.50 -0.18
HOLTSVILLE_IC_1 23690	29.41 0.77 0.00	26.82 0.53 0.00	24.34 0.38 0.00	23.17 0.43 0.00	22.88 0.45 0.00	23.37 0.46 0.00	26.25 0.41 0.00	25.82 0.51 0.00	24.47 0.53 0.00	20.43 0.48 0.00	20.05 0.73 0.00	20.41 0.58 0.00	21.03 0.67 0.00	22.91 0.82 0.00	23.05 0.93 0.00	27.11 1.07 0.00	32.12 1.35 0.00	42.42 0.91 0.01	49.50 0.63 0.01	45.50 0.67 0.00	43.19 0.97 0.01	35.15 1.48 0.00	29.99 1.07 0.00	26.82 0.81 0.00
HOLTSVILLE_IC_10 23699	29.52 0.89 0.00	26.92 0.63 0.00	24.41 0.45 0.00	23.24 0.50 0.00	22.95 0.52 0.00	23.44 0.53 0.00	26.33 0.49 0.00	25.92 0.61 0.00	24.57 0.62 0.00	20.49 0.54 0.00	20.13 0.81 0.00	20.49 0.65 0.00	21.11 0.75 0.00	23.00 0.91 0.00	23.16 1.04 0.00	27.24 1.20 0.00	32.31 1.54 0.00	42.67 1.16 0.01	49.79 0.93 0.01	45.77 0.94 0.00	43.40 1.18 0.01	35.32 1.65 0.00	30.13 1.21 0.00	26.92 0.91 0.00
HOLTSVILLE_IC_2 23691	29.41 0.77 0.00	26.82 0.53 0.00	24.34 0.38 0.00	23.17 0.43 0.00	22.88 0.45 0.00	23.37 0.46 0.00	26.25 0.41 0.00	25.82 0.51 0.00	24.47 0.53 0.00	20.43 0.48 0.00	20.05 0.73 0.00	20.41 0.58 0.00	21.03 0.67 0.00	22.91 0.82 0.00	23.05 0.93 0.00	27.11 1.07 0.00	32.12 1.35 0.00	42.42 0.91 0.01	49.50 0.63 0.01	45.50 0.67 0.00	43.19 0.97 0.01	35.15 1.48 0.00	29.99 1.07 0.00	26.82 0.81 0.00
HOLTSVILLE_IC_3 23692	29.41 0.77 0.00	26.82 0.53 0.00	24.34 0.38 0.00	23.17 0.43 0.00	22.88 0.45 0.00	23.37 0.46 0.00	26.25 0.41 0.00	25.82 0.51 0.00	24.47 0.53 0.00	20.43 0.48 0.00	20.05 0.73 0.00	20.41 0.58 0.00	21.03 0.67 0.00	22.91 0.82 0.00	23.05 0.93 0.00	27.11 1.07 0.00	32.12 1.35 0.00	42.42 0.91 0.01	49.50 0.63 0.01	45.50 0.67 0.00	43.19 0.97 0.01	35.15 1.48 0.00	29.99 1.07 0.00	26.82 0.81 0.00
HOLTSVILLE_IC_4 23693	29.41 0.77 0.00	26.82 0.53 0.00	24.34 0.38 0.00	23.17 0.43 0.00	22.88 0.45 0.00	23.37 0.46 0.00	26.25 0.41 0.00	25.82 0.51 0.00	24.47 0.53 0.00	20.43 0.48 0.00	20.05 0.73 0.00	20.41 0.58 0.00	21.03 0.67 0.00	22.91 0.82 0.00	23.05 0.93 0.00	27.11 1.07 0.00	32.12 1.35 0.00	42.42 0.91 0.01	49.50 0.63 0.01	45.50 0.67 0.00	43.19 0.97 0.01	35.15 1.48 0.00	29.99 1.07 0.00	26.82 0.81 0.00
HOLTSVILLE_IC_5 23694	29.41 0.77 0.00	26.82 0.53 0.00	24.34 0.38 0.00	23.17 0.43 0.00	22.88 0.45 0.00	23.37 0.46 0.00	26.25 0.41 0.00	25.82 0.51 0.00	24.47 0.53 0.00	20.43 0.48 0.00	20.05 0.73 0.00	20.41 0.58 0.00	21.03 0.67 0.00	22.91 0.82 0.00	23.05 0.93 0.00	27.11 1.07 0.00	32.12 1.35 0.00	42.42 0.91 0.01	49.50 0.63 0.01	45.50 0.67 0.00	43.19 0.97 0.01	35.15 1.48 0.00	29.99 1.07 0.00	26.82 0.81 0.00
HOLTSVILLE_IC_6 23695	29.52 0.89 0.00	26.92 0.63 0.00	24.41 0.45 0.00	23.24 0.50 0.00	22.95 0.52 0.00	23.44 0.53 0.00	26.33 0.49 0.00	25.92 0.61 0.00	24.57 0.62 0.00	20.49 0.54 0.00	20.13 0.81 0.00	20.49 0.65 0.00	21.11 0.75 0.00	23.00 0.91 0.00	23.16 1.04 0.00	27.24 1.20 0.00	32.31 1.54 0.00	42.67 1.16 0.01	49.79 0.93 0.01	45.77 0.94 0.00	43.40 1.18 0.01	35.32 1.65 0.00	30.13 1.21 0.00	26.92 0.91 0.00
HOLTSVILLE_IC_7 23696	29.52 0.89 0.00	26.92 0.63 0.00	24.41 0.45 0.00	23.24 0.50 0.00	22.95 0.52 0.00	23.44 0.53 0.00	26.33 0.49 0.00	25.92 0.61 0.00	24.57 0.62 0.00	20.49 0.54 0.00	20.13 0.81 0.00	20.49 0.65 0.00	21.11 0.75 0.00	23.00 0.91 0.00	23.16 1.04 0.00	27.24 1.20 0.00	32.31 1.54 0.00	42.67 1.16 0.01	49.79 0.93 0.01	45.77 0.94 0.00	43.40 1.18 0.01	35.32 1.65 0.00	30.13 1.21 0.00	26.92 0.91 0.00
HOLTSVILLE_IC_8 23697	29.52 0.89 0.00	26.92 0.63 0.00	24.41 0.45 0.00	23.24 0.50 0.00	22.95 0.52 0.00	23.44 0.53 0.00	26.33 0.49 0.00	25.92 0.61 0.00	24.57 0.62 0.00	20.49 0.54 0.00	20.13 0.81 0.00	20.49 0.65 0.00	21.11 0.75 0.00	23.00 0.91 0.00	23.16 1.04 0.00	27.24 1.20 0.00	32.31 1.54 0.00	42.67 1.16 0.01	49.79 0.93 0.01	45.77 0.94 0.00	43.40 1.18 0.01	35.32 1.65 0.00	30.13 1.21 0.00	26.92 0.91 0.00
HOLTSVILLE_IC_9 23698	29.52 0.89 0.00	26.92 0.63 0.00	24.41 0.45 0.00	23.24 0.50 0.00	22.95 0.52 0.00	23.44 0.53 0.00	26.33 0.49 0.00	25.92 0.61 0.00	24.57 0.62 0.00	20.49 0.54 0.00	20.13 0.81 0.00	20.49 0.65 0.00	21.11 0.75 0.00	23.00 0.91 0.00	23.16 1.04 0.00	27.24 1.20 0.00	32.31 1.54 0.00	42.67 1.16 0.01	49.79 0.93 0.01	45.77 0.94 0.00	43.40 1.18 0.01	35.32 1.65 0.00	30.13 1.21 0.00	26.92 0.91 0.00
HOMER_HL_115KV_TB2 355744	27.58 -1.06 0.00	25.45 -0.84 0.00	23.17 -0.79 0.00	21.88 -0.86 0.00	21.56 -0.87 0.00	21.79 -1.12 0.00	24.57 -1.27 0.00	24.43 -0.89 0.00	23.04 -0.91 0.00	19.28 -0.68 0.00	18.68 -0.64 0.00	19.58 -0.26 0.00	20.04 -0.33 0.00	21.92 -0.18 -0.01	21.63 -0.49 0.00	23.42 -0.70 1.91	30.28 -1.14 -0.64	37.59 -1.95 1.97	39.35 -2.83 6.69	38.66 -2.78 3.39	32.54 -2.03 7.66	28.44 -1.48 3.75	28.45 -1.07 -0.60	25.77 -0.42 -0.18
HOWARD_WT_PWR 323690	27.95 -0.69 0.00	25.74 -0.55 0.00	23.33 -0.62 0.00	21.99 -0.75 0.00	21.74 -0.70 0.00	21.97 -0.94 0.00	25.07 -0.77 0.00	24.61 -0.71 0.00	23.21 -0.74 0.00	19.33 -0.62 0.00	18.68 -0.64 0.00	19.50 -0.34 0.00	20.03 -0.33 0.00	21.88 -0.22 -0.01	21.72 -0.40 0.00	25.08 -0.55 0.42	31.58 -0.77 -1.58	40.50 -1.12 -0.10	43.42 -1.22 4.24	42.37 -1.34 1.11	35.84 -1.23 5.16	31.18 -1.04 1.45	29.56 -0.84 -1.48	25.65 -0.57 -0.21
HQ_GEN_CEDARS 23644	29.15 0.52 0.00	26.76 0.47 0.00	24.39 0.43 0.00	23.15 0.41 0.00	22.84 0.40 0.00	23.33 0.41 0.00	26.28 0.44 0.00	25.77 0.46 0.00	24.38 0.43 0.00	28.44 0.34 -8.15	47.41 0.37 -27.73	48.05 0.38 -27.84	20.79 0.33 -0.11	22.40 0.31 0.00	68.69 0.42 -46.15	64.36 0.47 -37.85	31.36 0.58 0.00	59.07 0.75 -16.81	71.65 0.68 -22.09	109.13 0.72 -63.58	45.81 0.46 -3.12	34.11 0.44 0.00	29.26 0.35 0.00	26.30 0.29 0.00
HQ_GEN_CEDARS_PROXY 323590	29.15 0.52 0.00	26.76 0.47 0.00	24.36 0.41 0.00	23.15 0.41 0.00	22.84 0.40 0.00	23.35 0.43 0.00	26.28 0.44 0.00	25.77 0.46 0.00	24.38 0.43 0.00	28.44 0.34 -8.15	47.41 0.37 -27.73	48.05 0.38 -27.84	20.79 0.32 -0.11	22.42 0.33 0.00	68.69 0.42 -46.15	64.33 0.44 -37.85	31.36 0.58 0.00	59.11 0.79 -16.81	71.79 0.83 -22.09	109.12 0.71 -63.58	45.81 0.47 -3.12	34.15 0.47 0.00	29.27 0.35 0.00	26.30 0.29 0.00

HQ_GEN_IMPORT 323601	28.78 0.14 0.00	26.42 0.13 0.00	24.08 0.12 0.00	22.85 0.11 0.00	22.54 0.11 0.00	23.03 0.12 0.00	25.97 0.13 0.00	25.44 0.13 0.00	24.07 0.12 0.00	19.75 0.10 0.31	18.39 0.12 1.04	18.91 0.12 1.05	20.46 0.10 0.00	22.20 0.11 0.00	20.52 0.13 1.74	24.75 0.13 1.42	30.96 0.19 0.00	41.13 0.25 0.63	48.29 0.25 0.83	42.61 0.18 2.39	42.20 0.08 0.12	33.78 0.10 0.00	28.98 0.06 0.00	26.06 0.05 0.00
HQ_GEN_WHEEL 23651	28.78 0.14 0.00	26.42 0.13 0.00	24.08 0.12 0.00	22.85 0.11 0.00	22.54 0.11 0.00	23.03 0.12 0.00	25.97 0.13 0.00	25.44 0.13 0.00	24.07 0.12 0.00	19.75 0.10 0.31	18.39 0.12 1.04	18.91 0.12 1.05	20.46 0.10 0.00	22.20 0.11 0.00	20.52 0.13 1.74	24.75 0.13 1.42	30.96 0.19 0.00	41.13 0.25 0.63	48.29 0.25 0.83	42.61 0.18 2.39	42.20 0.08 0.12	33.78 0.10 0.00	28.98 0.06 0.00	26.06 0.05 0.00
HUDSON AVE_GT_3 23810	29.81 1.17 0.00	27.32 1.03 0.00	24.87 0.91 0.00	23.56 0.82 0.00	23.26 0.83 0.00	23.76 0.85 0.00	26.85 1.01 0.00	26.33 1.01 0.00	24.98 1.03 0.00	20.89 0.94 0.00	20.26 0.95 0.00	20.75 0.91 0.00	21.38 1.02 0.00	23.15 1.06 0.00	23.21 1.08 0.00	27.26 1.22 0.00	32.25 1.48 0.00	43.34 1.83 0.00	50.98 2.10 0.00	46.62 1.79 0.00	44.30 2.07 0.00	35.32 1.65 0.00	30.28 1.36 0.00	27.16 1.14 0.00
HUDSON AVE_GT_4 23540	29.81 1.17 0.00	27.32 1.03 0.00	24.87 0.91 0.00	23.56 0.82 0.00	23.26 0.83 0.00	23.76 0.85 0.00	26.85 1.01 0.00	26.33 1.01 0.00	24.98 1.03 0.00	20.89 0.94 0.00	20.26 0.95 0.00	20.75 0.91 0.00	21.38 1.02 0.00	23.15 1.06 0.00	23.21 1.08 0.00	27.26 1.22 0.00	32.25 1.48 0.00	43.34 1.83 0.00	50.98 2.10 0.00	46.62 1.79 0.00	44.30 2.07 0.00	35.32 1.65 0.00	30.28 1.36 0.00	27.16 1.14 0.00
HUDSON AVE_GT_5 23657	29.81 1.17 0.00	27.32 1.03 0.00	24.87 0.91 0.00	23.56 0.82 0.00	23.26 0.83 0.00	23.76 0.85 0.00	26.85 1.01 0.00	26.33 1.01 0.00	24.98 1.03 0.00	20.89 0.94 0.00	20.26 0.95 0.00	20.75 0.91 0.00	21.38 1.02 0.00	23.15 1.06 0.00	23.21 1.08 0.00	27.26 1.22 0.00	32.25 1.48 0.00	43.34 1.83 0.00	50.98 2.10 0.00	46.62 1.79 0.00	44.30 2.07 0.00	35.32 1.65 0.00	30.28 1.36 0.00	27.16 1.14 0.00
HUDSON_AVE_10 24168	29.72 1.09 0.00	27.26 0.97 0.00	24.79 0.84 0.00	23.49 0.75 0.00	23.19 0.76 0.00	23.69 0.78 0.00	26.82 0.98 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.87 0.92 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.36 1.00 0.00	23.11 1.02 0.00	23.16 1.04 0.00	27.21 1.17 0.00	32.22 1.45 0.00	43.26 1.74 0.00	50.88 2.00 0.00	46.53 1.70 0.00	44.25 2.03 0.00	35.29 1.62 0.00	30.22 1.30 0.00	27.10 1.09 0.00
HUDSON___115KV_TB 4 355613	29.15 0.52 0.00	26.79 0.50 0.00	24.48 0.53 0.00	23.24 0.50 0.00	22.90 0.47 0.00	23.40 0.48 0.00	26.33 0.49 0.00	25.62 0.30 0.00	24.12 0.17 0.00	20.01 0.06 0.00	19.30 -0.02 0.00	19.72 -0.12 0.00	20.24 -0.12 0.00	22.00 -0.09 0.00	22.06 -0.07 0.00	26.07 0.03 0.00	30.96 0.18 0.00	41.97 0.46 0.00	49.80 0.93 0.00	45.68 0.85 0.00	43.03 0.80 0.00	34.25 0.57 0.00	29.44 0.52 0.00	26.45 0.44 0.00
HUNTER MOUNT___DRP 323613	29.21 0.57 0.00	26.84 0.55 0.00	24.53 0.57 0.00	23.31 0.57 0.00	22.97 0.54 0.00	23.47 0.55 0.00	26.38 0.54 0.00	25.62 0.30 0.00	24.07 0.12 0.00	19.97 0.02 0.00	19.24 -0.08 0.00	19.64 -0.20 0.00	20.18 -0.18 0.00	21.91 -0.18 0.00	21.99 -0.13 0.00	26.04 0.00 0.00	30.96 0.18 0.00	42.05 0.54 0.00	50.00 1.12 0.00	45.81 0.99 0.00	43.11 0.89 0.00	34.28 0.61 0.00	29.50 0.58 0.00	26.51 0.49 0.00
HUNTINGTON_RES_REC 323705	29.47 0.83 0.00	26.87 0.58 0.00	24.39 0.43 0.00	23.19 0.45 0.00	22.90 0.47 0.00	23.37 0.46 0.00	26.31 0.47 0.00	25.85 0.53 0.00	24.55 0.60 0.00	20.47 0.52 0.00	20.09 0.77 0.00	20.47 0.63 0.00	21.09 0.73 0.00	22.97 0.88 0.00	23.09 0.97 0.00	27.18 1.14 0.00	32.19 1.42 0.00	42.38 0.87 0.01	49.46 0.59 0.01	45.41 0.58 0.00	43.11 0.89 0.01	35.15 1.48 0.00	30.04 1.13 0.00	26.87 0.86 0.00
HUNTLEY___63 23557	27.52 -1.12 0.00	25.40 -0.89 0.00	23.14 -0.81 0.00	21.88 -0.86 0.00	21.58 -0.85 0.00	21.82 -1.10 0.00	24.63 -1.21 0.00	24.63 -0.68 0.00	23.25 -0.69 0.00	19.51 -0.44 0.00	18.95 -0.37 0.00	19.78 -0.06 0.00	20.26 -0.10 0.00	22.25 0.15 -0.01	21.68 -0.44 0.00	22.56 -0.73 2.75	29.86 -1.08 -0.17	36.63 -1.79 3.10	38.13 -2.64 8.11	37.62 -2.56 4.65	31.03 -2.03 9.17	27.16 -1.45 5.06	28.05 -1.01 -0.14	26.07 -0.10 -0.17
HUNTLEY___64 23558	27.52 -1.12 0.00	25.40 -0.89 0.00	23.14 -0.81 0.00	21.88 -0.86 0.00	21.58 -0.85 0.00	21.82 -1.10 0.00	24.63 -1.21 0.00	24.63 -0.68 0.00	23.25 -0.69 0.00	19.51 -0.44 0.00	18.95 -0.37 0.00	19.78 -0.06 0.00	20.26 -0.10 0.00	22.25 0.15 -0.01	21.68 -0.44 0.00	22.56 -0.73 2.75	29.86 -1.08 -0.17	36.63 -1.79 3.10	38.13 -2.64 8.11	37.62 -2.56 4.65	31.03 -2.03 9.17	27.16 -1.45 5.06	28.05 -1.01 -0.14	26.07 -0.10 -0.17
HUNTLEY___65 23559	27.52 -1.12 0.00	25.40 -0.89 0.00	23.14 -0.81 0.00	21.88 -0.86 0.00	21.58 -0.85 0.00	21.82 -1.10 0.00	24.63 -1.21 0.00	24.63 -0.68 0.00	23.25 -0.69 0.00	19.51 -0.44 0.00	18.95 -0.37 0.00	19.78 -0.06 0.00	20.26 -0.10 0.00	22.25 0.15 -0.01	21.68 -0.44 0.00	22.56 -0.73 2.75	29.86 -1.08 -0.17	36.63 -1.79 3.10	38.13 -2.64 8.11	37.62 -2.56 4.65	31.03 -2.03 9.17	27.16 -1.45 5.06	28.05 -1.01 -0.14	26.07 -0.10 -0.17
HUNTLEY___66 23560	27.52 -1.12 0.00	25.40 -0.89 0.00	23.14 -0.81 0.00	21.88 -0.86 0.00	21.58 -0.85 0.00	21.82 -1.10 0.00	24.63 -1.21 0.00	24.63 -0.68 0.00	23.25 -0.69 0.00	19.51 -0.44 0.00	18.95 -0.37 0.00	19.78 -0.06 0.00	20.26 -0.10 0.00	22.25 0.15 -0.01	21.68 -0.44 0.00	22.56 -0.73 2.75	29.86 -1.08 -0.17	36.63 -1.79 3.10	38.13 -2.64 8.11	37.62 -2.56 4.65	31.03 -2.03 9.17	27.16 -1.45 5.06	28.05 -1.01 -0.14	26.07 -0.10 -0.17
HUNTLEY___67 23561	27.46 -1.17 0.00	25.34 -0.95 0.00	23.12 -0.84 0.00	21.85 -0.89 0.00	21.56 -0.87 0.00	21.84 -1.08 0.00	24.60 -1.24 0.00	24.58 -0.73 0.00	23.21 -0.74 0.00	19.45 -0.50 0.00	18.87 -0.44 0.00	19.72 -0.12 0.00	20.20 -0.16 0.00	22.10 0.00 -0.01	21.63 -0.49 0.00	22.63 -0.76 2.66	29.85 -1.14 -0.21	36.65 -1.87 2.99	38.17 -2.74 7.97	37.65 -2.64 4.53	31.18 -2.07 8.98	27.29 -1.48 4.91	28.08 -1.04 -0.20	25.92 -0.26 -0.17
HUNTLEY___68 23562	27.46 -1.17 0.00	25.34 -0.95 0.00	23.12 -0.84 0.00	21.85 -0.89 0.00	21.56 -0.87 0.00	21.84 -1.08 0.00	24.60 -1.24 0.00	24.58 -0.73 0.00	23.21 -0.74 0.00	19.45 -0.50 0.00	18.87 -0.44 0.00	19.72 -0.12 0.00	20.20 -0.16 0.00	22.10 0.00 -0.01	21.63 -0.49 0.00	22.63 -0.76 2.66	29.85 -1.14 -0.21	36.65 -1.87 2.99	38.17 -2.74 7.97	37.65 -2.64 4.53	31.18 -2.07 8.98	27.29 -1.48 4.91	28.08 -1.04 -0.20	25.92 -0.26 -0.17

HYLAND___LFGE 323620	29.04 0.40 0.00	26.71 0.42 0.00	24.29 0.34 0.00	23.01 0.27 0.00	22.79 0.36 0.00	23.21 0.30 0.00	26.56 0.72 0.00	26.03 0.71 0.00	24.31 0.36 0.00	20.01 0.06 0.00	19.24 -0.08 0.00	19.94 0.10 0.00	20.44 0.08 0.00	22.34 0.24 -0.01	22.30 0.18 0.00	24.57 0.31 1.78	32.10 0.55 -0.78	41.07 1.33 1.77	44.46 2.15 6.56	43.64 2.02 3.20	36.36 1.69 7.56	31.35 1.25 3.57	30.81 1.16 -0.73	27.37 1.17 -0.19
INDECK___CORINTH 23802	30.04 1.40 0.00	27.58 1.29 0.00	25.20 1.24 0.00	23.92 1.18 0.00	23.53 1.10 0.00	24.04 1.12 0.00	27.11 1.27 0.00	26.46 1.14 0.00	24.76 0.81 0.00	20.53 0.58 0.00	19.55 0.23 0.00	19.94 0.10 0.00	20.38 0.02 0.00	22.16 0.07 0.00	22.26 0.13 0.00	26.35 0.31 0.00	31.48 0.71 0.00	43.18 1.66 0.00	51.27 2.39 0.00	47.38 2.55 0.00	44.51 2.28 0.00	35.46 1.78 0.00	30.39 1.47 0.00	27.21 1.20 0.00
INDECK___ILION 23567	28.55 -0.09 0.00	26.21 -0.08 0.00	23.86 -0.10 0.00	22.67 -0.07 0.00	22.36 -0.07 0.00	22.85 -0.07 0.00	25.76 -0.08 0.00	25.24 -0.08 0.00	23.90 -0.05 0.00	20.05 -0.04 -0.14	19.76 -0.02 -0.46	20.30 0.00 -0.47	20.36 0.00 0.00	22.09 0.00 0.00	22.89 0.00 -0.77	26.70 0.03 -0.63	30.86 0.09 0.00	41.88 0.08 -0.28	49.34 0.10 -0.37	45.98 0.09 -1.07	42.36 0.08 -0.05	33.71 0.03 0.00	28.97 0.06 0.00	26.01 0.00 0.00
INDECK___OLEAN 23982	27.61 -1.03 0.00	25.53 -0.76 0.00	23.21 -0.74 0.00	21.88 -0.86 0.00	21.69 -0.74 0.00	21.79 -1.12 0.00	24.91 -0.93 0.00	24.43 -0.89 0.00	23.04 -0.91 0.00	19.30 -0.66 0.00	18.68 -0.64 0.00	19.60 -0.24 0.00	20.06 -0.30 0.00	21.90 -0.20 -0.01	21.63 -0.49 0.00	23.42 -0.70 1.91	30.18 -1.23 -0.64	37.46 -2.07 1.97	39.31 -2.88 6.69	38.70 -2.74 3.39	32.62 -1.94 7.66	28.44 -1.48 3.75	28.51 -1.01 -0.60	25.77 -0.42 -0.18
INDECK___OSWEGO 23783	27.95 -0.69 0.00	25.69 -0.60 0.00	23.41 -0.55 0.00	22.19 -0.55 0.00	21.92 -0.52 0.00	22.39 -0.53 0.00	25.30 -0.54 0.00	24.80 -0.53 -0.01	23.42 -0.53 0.00	19.76 -0.44 -0.25	19.71 -0.44 -0.84	20.27 -0.42 -0.85	19.94 -0.43 0.00	21.66 -0.46 -0.04	23.06 -0.47 -1.40	41.55 -0.55 -16.05	42.73 -0.89 -12.85	62.76 -1.24 -22.49	65.61 -1.42 -18.15	67.32 -1.25 -23.75	57.34 -1.18 -16.30	54.08 -0.94 -21.34	40.47 -0.55 -12.10	26.24 -0.50 -0.73
INDECK___YERKES 23781	27.49 -1.15 0.00	25.47 -0.82 0.00	23.24 -0.72 0.00	21.90 -0.84 0.00	21.74 -0.70 0.00	21.84 -1.08 0.00	25.12 -0.72 0.00	24.64 -0.68 0.00	23.25 -0.70 0.00	19.53 -0.42 0.00	18.95 -0.37 0.00	19.80 -0.04 0.00	20.28 -0.08 0.00	22.21 0.11 -0.01	21.70 -0.42 0.00	22.59 -0.70 2.75	29.83 -1.11 -0.17	36.47 -1.95 3.10	38.28 -2.49 8.11	37.75 -2.42 4.65	31.29 -1.77 9.17	27.23 -1.38 5.06	28.16 -0.90 -0.14	26.10 -0.08 -0.17
INDIAN POINT_GT_1 24139	29.58 0.94 0.00	27.13 0.84 0.00	24.70 0.74 0.00	23.40 0.66 0.00	23.11 0.67 0.00	23.63 0.71 0.00	26.67 0.83 0.00	26.10 0.78 0.00	24.74 0.79 0.00	20.67 0.72 0.00	20.03 0.71 0.00	20.53 0.69 0.00	21.13 0.77 0.00	22.89 0.80 0.00	22.94 0.82 0.00	26.98 0.94 0.00	31.88 1.11 0.00	42.92 1.41 0.00	50.49 1.61 0.00	46.22 1.39 0.00	43.87 1.65 0.00	34.99 1.31 0.00	29.99 1.07 0.00	26.92 0.91 0.00
INDIAN POINT_GT_2 23659	29.58 0.94 0.00	27.13 0.84 0.00	24.70 0.74 0.00	23.40 0.66 0.00	23.11 0.67 0.00	23.63 0.71 0.00	26.67 0.83 0.00	26.10 0.78 0.00	24.74 0.79 0.00	20.67 0.72 0.00	20.03 0.71 0.00	20.53 0.69 0.00	21.13 0.77 0.00	22.89 0.80 0.00	22.94 0.82 0.00	26.98 0.94 0.00	31.88 1.11 0.00	42.92 1.41 0.00	50.49 1.61 0.00	46.22 1.39 0.00	43.87 1.65 0.00	34.99 1.31 0.00	29.99 1.07 0.00	26.92 0.91 0.00
INDIAN POINT_GT_3 24019	29.58 0.94 0.00	27.13 0.84 0.00	24.70 0.74 0.00	23.40 0.66 0.00	23.11 0.67 0.00	23.63 0.71 0.00	26.67 0.83 0.00	26.10 0.78 0.00	24.74 0.79 0.00	20.67 0.72 0.00	20.03 0.71 0.00	20.53 0.69 0.00	21.13 0.77 0.00	22.89 0.80 0.00	22.94 0.82 0.00	26.98 0.94 0.00	31.88 1.11 0.00	42.92 1.41 0.00	50.49 1.61 0.00	46.22 1.39 0.00	43.87 1.65 0.00	34.99 1.31 0.00	29.99 1.07 0.00	26.92 0.91 0.00
INDIAN POINT___2 23530	29.55 0.92 0.00	27.11 0.82 0.00	24.67 0.72 0.00	23.40 0.66 0.00	23.08 0.65 0.00	23.60 0.69 0.00	26.56 0.72 0.00	26.08 0.76 0.00	24.74 0.79 0.00	20.65 0.70 0.00	20.03 0.72 0.00	20.53 0.69 0.00	21.11 0.75 0.00	22.88 0.79 0.00	22.94 0.82 0.00	26.98 0.94 0.00	31.85 1.08 0.00	42.93 1.41 0.00	50.29 1.42 0.00	46.17 1.34 0.00	43.83 1.60 0.00	34.95 1.28 0.00	29.93 1.01 0.00	26.90 0.88 0.00
INDIAN POINT___3 23531	29.55 0.92 0.00	27.11 0.81 0.00	24.68 0.72 0.00	23.40 0.66 0.00	23.11 0.67 0.00	23.60 0.69 0.00	26.64 0.80 0.00	26.08 0.76 0.00	24.74 0.79 0.00	20.67 0.72 0.00	20.03 0.71 0.00	20.53 0.69 0.00	21.11 0.75 0.00	22.89 0.80 0.00	22.94 0.82 0.00	26.98 0.94 0.00	31.85 1.08 0.00	42.88 1.37 0.00	50.49 1.61 0.00	46.22 1.39 0.00	43.83 1.60 0.00	34.95 1.28 0.00	29.96 1.04 0.00	26.90 0.88 0.00
INGHAM_C_115KV_TB7 356103	28.43 -0.20 0.00	26.08 -0.21 0.00	23.74 -0.22 0.00	22.56 -0.18 0.00	22.25 -0.18 0.00	22.75 -0.16 0.00	25.66 -0.18 0.00	25.14 -0.18 0.00	23.80 -0.14 0.00	20.01 -0.08 -0.14	19.76 -0.02 -0.46	20.30 0.00 -0.47	20.36 0.00 0.00	22.11 0.02 0.00	22.89 0.00 -0.77	26.73 0.05 -0.63	30.90 0.12 0.00	41.92 0.12 -0.28	49.29 0.05 -0.37	45.89 0.00 -1.07	42.24 -0.04 -0.05	33.64 -0.03 0.00	28.95 0.03 0.00	26.01 0.00 0.00
IP CORINTH___1 23988	30.04 1.40 0.00	27.58 1.29 0.00	25.20 1.25 0.00	23.92 1.18 0.00	23.55 1.12 0.00	24.06 1.15 0.00	27.13 1.29 0.00	26.46 1.14 0.00	24.76 0.81 0.00	20.55 0.60 0.00	19.55 0.23 0.00	19.94 0.10 0.00	20.38 0.02 0.00	22.16 0.07 0.00	22.25 0.13 0.00	26.35 0.31 0.00	31.45 0.68 0.00	43.13 1.62 0.00	51.32 2.44 0.00	47.34 2.51 0.00	44.55 2.32 0.00	35.46 1.78 0.00	30.39 1.47 0.00	27.21 1.20 0.00
IP___TICONDEROGA 23804	30.95 2.32 0.00	28.39 2.10 0.00	25.99 2.04 0.00	24.65 1.91 0.00	24.25 1.82 0.00	24.77 1.86 0.00	27.96 2.12 0.00	27.17 1.85 0.00	25.24 1.29 0.00	20.89 0.94 0.00	19.80 0.48 0.00	20.14 0.30 0.00	20.54 0.18 0.00	22.42 0.33 0.00	22.56 0.44 0.00	26.80 0.76 0.00	32.22 1.45 0.00	44.34 2.82 0.00	53.03 4.15 0.00	49.04 4.21 0.00	46.03 3.80 0.00	36.60 2.93 0.00	31.35 2.43 0.00	27.99 1.98 0.00
ISLIP_RES_REC 323679	29.61 0.97 0.00	27.00 0.71 0.00	24.48 0.53 0.00	23.31 0.57 0.00	23.01 0.58 0.00	23.51 0.59 0.00	26.41 0.57 0.00	25.97 0.66 0.00	24.64 0.69 0.00	20.55 0.60 0.00	20.18 0.87 0.00	20.55 0.71 0.00	21.18 0.82 0.00	23.06 0.97 0.00	23.23 1.11 0.00	27.32 1.28 0.00	32.43 1.66 0.00	42.87 1.37 0.01	50.04 1.17 0.01	45.99 1.16 0.00	43.61 1.39 0.01	35.49 1.82 0.00	30.22 1.30 0.00	27.00 0.99 0.00

JAMAICA__27_KV_LOAD 355505	29.84 1.20 0.00	27.34 1.05 0.00	24.87 0.91 0.00	23.56 0.82 0.00	23.26 0.83 0.00	23.79 0.87 0.00	26.95 1.11 0.00	26.46 1.14 0.00	25.07 1.13 0.00	20.99 1.04 0.00	20.36 1.04 0.00	20.87 1.03 0.00	21.50 1.14 0.00	23.24 1.15 0.00	23.32 1.19 0.00	27.39 1.35 0.00	32.46 1.69 0.00	43.55 2.03 0.00	51.17 2.30 0.00	46.84 2.02 0.00	44.51 2.28 0.00	35.53 1.85 0.00	30.42 1.50 0.00	27.23 1.22 0.00
JANIS__SOLAR 323808	29.26 0.63 0.00	26.90 0.61 0.00	24.46 0.50 0.00	23.19 0.45 0.00	22.90 0.47 0.00	23.37 0.46 0.00	26.51 0.67 0.00	25.98 0.66 0.00	24.35 0.41 0.00	20.05 0.10 0.00	19.28 -0.04 0.00	19.92 0.08 0.00	20.42 0.06 0.00	22.21 0.11 -0.01	22.28 0.16 0.00	29.10 0.34 -2.72	34.63 0.65 -3.21	47.05 1.20 -4.34	52.20 1.81 -1.51	50.43 1.84 -3.76	44.72 1.65 -0.85	38.24 1.05 -3.52	32.84 0.90 -3.03	26.95 0.70 -0.24
JARVIS____ 23743	28.64 0.00 0.00	26.29 0.00 0.00	23.96 0.00 0.00	22.74 0.00 0.00	22.43 0.00 0.00	22.92 0.00 0.00	25.84 0.00 0.00	25.29 -0.03 0.00	23.92 -0.02 0.00	20.07 -0.02 -0.14	19.76 -0.02 -0.46	20.26 -0.04 -0.47	20.34 -0.02 0.00	22.07 -0.02 0.00	22.85 -0.04 -0.77	26.65 -0.03 -0.63	30.77 0.00 0.00	41.79 0.00 -0.28	49.29 0.05 -0.37	45.94 0.04 -1.07	42.36 0.08 -0.05	33.71 0.03 0.00	28.95 0.03 0.00	26.01 0.00 0.00
JENNISON____1 23625	29.38 0.74 0.00	27.00 0.71 0.00	24.56 0.60 0.00	23.31 0.57 0.00	22.97 0.54 0.00	23.47 0.55 0.00	26.51 0.67 0.00	26.05 0.73 0.00	24.52 0.57 0.00	20.25 0.30 0.00	19.51 0.19 0.00	20.14 0.30 0.00	20.65 0.29 0.00	22.47 0.38 -0.01	22.48 0.35 0.00	28.64 0.55 -2.05	34.05 0.86 -2.42	46.11 1.33 -3.26	51.87 1.86 -1.14	49.54 1.88 -2.83	44.64 1.77 -0.64	37.47 1.14 -2.65	32.21 1.01 -2.28	26.97 0.78 -0.18
JENNISON____2 23626	29.38 0.74 0.00	27.00 0.71 0.00	24.56 0.60 0.00	23.31 0.57 0.00	22.97 0.54 0.00	23.47 0.55 0.00	26.51 0.67 0.00	26.05 0.73 0.00	24.52 0.57 0.00	20.25 0.30 0.00	19.51 0.19 0.00	20.14 0.30 0.00	20.65 0.29 0.00	22.47 0.38 -0.01	22.48 0.35 0.00	28.64 0.55 -2.05	34.05 0.86 -2.42	46.11 1.33 -3.26	51.87 1.86 -1.14	49.54 1.88 -2.83	44.64 1.77 -0.64	37.47 1.14 -2.65	32.21 1.01 -2.28	26.97 0.78 -0.18
JERICOHO_RISE_WT_PWR 323719	29.26 0.63 0.00	26.84 0.55 0.00	24.46 0.50 0.00	23.24 0.50 0.00	22.99 0.56 0.00	23.53 0.62 0.00	26.51 0.67 0.00	26.00 0.68 0.00	24.64 0.69 0.00	21.45 0.62 -0.87	22.92 0.64 -2.97	23.48 0.65 -2.98	21.04 0.67 -0.01	22.78 0.69 0.00	27.80 0.73 -4.95	30.91 0.81 -4.06	31.76 0.98 0.00	44.60 1.29 -1.80	52.56 1.32 -2.37	52.54 0.90 -6.82	42.86 0.30 -0.33	33.78 0.10 0.00	28.86 -0.06 0.00	25.88 -0.13 0.00
KATONAH__115KV_46KV_TB4 355592	29.69 1.06 0.00	27.26 0.97 0.00	24.82 0.86 0.00	23.49 0.75 0.00	23.19 0.76 0.00	23.72 0.80 0.00	26.77 0.93 0.00	26.20 0.89 0.00	24.81 0.86 0.00	20.75 0.80 0.00	20.09 0.77 0.00	20.59 0.75 0.00	21.20 0.83 0.00	22.95 0.86 0.00	22.98 0.86 0.00	27.08 1.04 0.00	32.03 1.26 0.00	43.17 1.66 0.00	50.78 1.91 0.00	46.48 1.66 0.00	44.09 1.86 0.00	35.09 1.41 0.00	30.07 1.16 0.00	27.00 0.99 0.00
KCE_NY_1 323755	29.75 1.12 0.00	27.31 1.02 0.00	24.96 1.01 0.00	23.69 0.95 0.00	23.33 0.90 0.00	23.83 0.92 0.00	26.85 1.01 0.00	26.20 0.89 0.00	24.62 0.67 0.00	20.43 0.48 0.00	19.61 0.29 0.00	20.02 0.18 0.00	20.50 0.14 0.00	22.29 0.20 0.00	22.37 0.24 0.00	26.46 0.42 0.00	31.45 0.68 0.00	42.80 1.29 0.00	50.78 1.90 0.00	46.75 1.93 0.00	44.00 1.77 0.00	35.09 1.41 0.00	30.07 1.16 0.00	27.00 0.99 0.00
KCE_NY_6_ESR 323823	27.63 -1.00 0.00	25.61 -0.68 0.00	23.33 -0.62 0.00	21.97 -0.77 0.00	21.80 -0.63 0.00	21.91 -1.01 0.00	25.14 -0.70 0.00	24.69 -0.63 0.00	23.28 -0.67 0.00	19.55 -0.40 0.00	18.95 -0.37 0.00	19.82 -0.02 0.00	20.32 -0.04 0.00	22.19 0.09 -0.01	21.79 -0.33 0.00	23.02 -0.55 2.47	30.14 -0.95 -0.32	37.08 -1.70 2.73	39.04 -2.20 7.64	38.39 -2.20 4.24	31.97 -1.60 8.65	27.81 -1.25 4.62	28.41 -0.81 -0.30	26.00 -0.18 -0.17
KEDC_PORT_JEFF_GT2 24210	29.52 0.89 0.00	26.90 0.61 0.00	24.41 0.45 0.00	23.24 0.50 0.00	22.95 0.52 0.00	23.42 0.50 0.00	26.33 0.49 0.00	25.90 0.58 0.00	24.57 0.62 0.00	20.49 0.54 0.00	20.11 0.79 0.00	20.49 0.65 0.00	21.11 0.75 0.00	23.00 0.91 0.00	23.14 1.02 0.00	27.21 1.17 0.00	32.28 1.51 0.00	42.63 1.12 0.01	49.75 0.88 0.01	45.72 0.90 0.00	43.36 1.14 0.01	35.29 1.62 0.00	30.10 1.19 0.00	26.92 0.91 0.00
KEDC_PORT_JEFF_GT3 24211	29.52 0.89 0.00	26.90 0.61 0.00	24.41 0.45 0.00	23.24 0.50 0.00	22.95 0.52 0.00	23.42 0.50 0.00	26.33 0.49 0.00	25.90 0.58 0.00	24.57 0.62 0.00	20.49 0.54 0.00	20.11 0.79 0.00	20.49 0.65 0.00	21.11 0.75 0.00	23.00 0.91 0.00	23.14 1.02 0.00	27.21 1.17 0.00	32.28 1.51 0.00	42.63 1.12 0.01	49.75 0.88 0.01	45.72 0.90 0.00	43.36 1.14 0.01	35.29 1.62 0.00	30.10 1.19 0.00	26.92 0.91 0.00
KEDC_GLWD_GT4 24219	29.75 1.12 0.00	27.21 0.92 0.00	24.72 0.77 0.00	23.49 0.75 0.00	23.17 0.74 0.00	23.67 0.76 0.00	26.67 0.83 0.00	26.18 0.86 0.00	24.86 0.91 0.00	20.75 0.80 0.00	20.24 0.93 0.00	20.69 0.85 0.00	21.30 0.94 0.00	23.13 1.04 0.00	23.21 1.08 0.00	27.29 1.25 0.00	32.22 1.45 0.00	43.09 1.58 0.00	50.04 1.17 0.00	45.95 1.12 0.00	43.91 1.69 0.00	35.29 1.62 0.00	30.19 1.27 0.00	27.10 1.09 0.00
KEDC_GLWD_GT5 24220	29.75 1.12 0.00	27.21 0.92 0.00	24.72 0.77 0.00	23.49 0.75 0.00	23.17 0.74 0.00	23.67 0.76 0.00	26.67 0.83 0.00	26.18 0.86 0.00	24.86 0.91 0.00	20.75 0.80 0.00	20.24 0.93 0.00	20.69 0.85 0.00	21.30 0.94 0.00	23.13 1.04 0.00	23.21 1.08 0.00	27.29 1.25 0.00	32.22 1.45 0.00	43.09 1.58 0.00	50.04 1.17 0.00	45.95 1.12 0.00	43.91 1.69 0.00	35.29 1.62 0.00	30.19 1.27 0.00	27.10 1.09 0.00
KENSICO____ 23655	29.64 1.00 0.00	27.18 0.89 0.00	24.75 0.79 0.00	23.47 0.73 0.00	23.15 0.72 0.00	23.67 0.76 0.00	26.72 0.88 0.00	26.15 0.84 0.00	24.81 0.86 0.00	20.73 0.78 0.00	20.11 0.79 0.00	20.59 0.75 0.00	21.22 0.86 0.00	22.97 0.88 0.00	23.03 0.91 0.00	27.06 1.02 0.00	31.97 1.20 0.00	43.01 1.49 0.00	50.63 1.76 0.00	46.35 1.52 0.00	44.00 1.77 0.00	35.09 1.41 0.00	30.07 1.16 0.00	26.97 0.96 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.64 1.00 0.00	27.18 0.89 0.00	24.72 0.77 0.00	23.44 0.70 0.00	23.15 0.72 0.00	23.69 0.78 0.00	26.72 0.88 0.00	26.10 0.78 0.00	24.71 0.77 0.00	20.63 0.68 0.00	19.93 0.62 0.00	20.43 0.60 0.00	21.05 0.69 0.00	22.82 0.73 0.00	22.87 0.75 0.00	26.95 0.91 0.00	31.94 1.17 0.00	43.13 1.62 0.00	50.88 2.00 0.00	46.53 1.70 0.00	44.09 1.86 0.00	35.02 1.35 0.00	30.04 1.13 0.00	26.97 0.96 0.00

KIAC_JFK_GT1 23816	29.69 1.06 0.00	27.21 0.92 0.00	24.75 0.79 0.00	23.44 0.70 0.00	23.15 0.72 0.00	23.67 0.76 0.00	26.82 0.98 0.00	26.31 0.99 0.00	24.93 0.98 0.00	20.87 0.92 0.00	20.26 0.95 0.00	20.75 0.91 0.00	21.38 1.02 0.00	23.13 1.04 0.00	23.21 1.08 0.00	27.26 1.22 0.00	32.28 1.51 0.00	43.13 1.62 0.00	50.73 1.86 0.00	46.39 1.57 0.00	44.13 1.90 0.00	35.36 1.68 0.00	30.25 1.33 0.00	27.10 1.09 0.00
KIAC_JFK_GT2 23817	29.69 1.06 0.00	27.21 0.92 0.00	24.75 0.79 0.00	23.44 0.70 0.00	23.15 0.72 0.00	23.67 0.76 0.00	26.82 0.98 0.00	26.31 0.99 0.00	24.93 0.98 0.00	20.87 0.92 0.00	20.26 0.95 0.00	20.75 0.91 0.00	21.38 1.02 0.00	23.13 1.04 0.00	23.21 1.08 0.00	27.26 1.22 0.00	32.28 1.51 0.00	43.13 1.62 0.00	50.73 1.86 0.00	46.39 1.57 0.00	44.13 1.90 0.00	35.36 1.68 0.00	30.25 1.33 0.00	27.10 1.09 0.00
KIAC_JFK____ 323774	29.66 1.03 0.00	27.18 0.89 0.00	24.75 0.79 0.00	23.47 0.73 0.00	23.13 0.70 0.00	23.67 0.76 0.00	26.72 0.88 0.00	26.30 0.99 0.00	24.93 0.98 0.00	20.87 0.92 0.00	20.26 0.95 0.00	20.77 0.93 0.00	21.38 1.02 0.00	23.13 1.04 0.00	23.21 1.08 0.00	27.26 1.22 0.00	32.28 1.51 0.00	43.18 1.66 0.00	50.54 1.66 0.00	46.35 1.52 0.00	44.04 1.81 0.00	35.32 1.65 0.00	30.22 1.30 0.00	27.10 1.09 0.00
KINTIGH__24_KV_GSU 356498	27.55 -1.09 0.00	25.50 -0.79 0.00	23.24 -0.72 0.00	21.94 -0.80 0.00	21.76 -0.67 0.00	22.00 -0.92 0.00	25.17 -0.67 0.00	24.71 -0.61 0.00	23.32 -0.62 0.00	19.53 -0.42 0.00	18.93 -0.39 0.00	19.72 -0.12 0.00	20.20 -0.16 0.00	22.03 -0.07 -0.01	21.66 -0.47 0.00	22.08 -0.68 3.28	29.54 -1.08 0.15	35.84 -1.83 3.85	37.55 -2.30 9.03	37.09 -2.24 5.49	30.55 -1.60 10.08	26.59 -1.21 5.88	27.97 -0.81 0.14	25.99 -0.18 -0.16
KINTIGH____ 23543	27.55 -1.09 0.00	25.42 -0.87 0.00	23.19 -0.77 0.00	21.94 -0.80 0.00	21.65 -0.79 0.00	21.98 -0.94 0.00	24.76 -1.09 0.00	24.71 -0.61 0.00	23.32 -0.62 0.00	19.51 -0.44 0.00	18.93 -0.39 0.00	19.72 -0.12 0.00	20.20 -0.16 0.00	22.08 -0.02 -0.01	21.66 -0.46 0.00	22.08 -0.68 3.28	29.57 -1.05 0.15	36.00 -1.66 3.85	37.45 -2.39 9.03	37.00 -2.33 5.49	30.34 -1.82 10.08	26.55 -1.25 5.88	27.91 -0.87 0.14	25.99 -0.18 -0.16
KNTFSRNC_46_KV_46KV_LOAD 80397	29.81 1.17 0.00	27.34 1.05 0.00	24.94 0.98 0.00	23.69 0.96 0.00	23.42 0.99 0.00	23.97 1.05 0.00	27.03 1.19 0.00	26.53 1.22 0.00	25.14 1.20 0.00	21.53 1.06 -0.52	22.17 1.08 -1.77	22.71 1.09 -1.78	21.49 1.12 -0.01	23.26 1.17 0.00	26.33 1.26 -2.95	29.86 1.41 -2.42	32.46 1.69 0.00	44.79 2.20 -1.07	52.39 2.10 -1.41	50.59 1.70 -4.06	43.44 1.01 -0.20	34.31 0.64 0.00	29.26 0.35 0.00	26.24 0.23 0.00
LACHUTE____HYDRO 323717	30.93 2.29 0.00	28.39 2.10 0.00	25.99 2.04 0.00	24.65 1.91 0.00	24.23 1.80 0.00	24.75 1.83 0.00	27.93 2.09 0.00	27.16 1.85 0.00	25.24 1.29 0.00	20.89 0.94 0.00	19.80 0.48 0.00	20.14 0.30 0.00	20.54 0.18 0.00	22.42 0.33 0.00	22.56 0.44 0.00	26.80 0.76 0.00	32.22 1.45 0.00	44.34 2.82 0.00	52.98 4.11 0.00	49.04 4.21 0.00	46.03 3.80 0.00	36.60 2.93 0.00	31.35 2.43 0.00	27.99 1.98 0.00
LAWRNCV_115KV_TB1 80681	29.24 0.60 0.00	26.82 0.53 0.00	24.44 0.48 0.00	23.19 0.45 0.00	22.88 0.45 0.00	23.37 0.46 0.00	26.36 0.52 0.00	25.82 0.51 0.00	24.43 0.48 0.00	26.71 0.36 -6.40	41.48 0.39 -21.78	42.10 0.40 -21.87	20.75 0.31 -0.08	22.38 0.29 0.00	58.77 0.40 -36.25	56.90 0.44 -30.41	32.16 0.58 -0.81	56.64 0.83 -14.30	67.39 0.78 -17.73	96.57 0.85 -50.89	45.40 0.51 -2.66	35.03 0.47 -0.88	30.02 0.35 -0.76	26.33 0.26 -0.06
LEDERLE____ 23769	29.67 1.03 0.00	27.24 0.95 0.00	24.77 0.81 0.00	23.49 0.75 0.00	23.17 0.74 0.00	23.69 0.78 0.00	26.75 0.90 0.00	26.18 0.86 0.00	24.81 0.86 0.00	20.73 0.78 0.00	20.07 0.75 0.00	20.59 0.75 0.00	21.20 0.83 0.00	22.95 0.86 0.00	23.01 0.88 0.00	27.08 1.04 0.00	32.00 1.23 0.00	43.05 1.54 0.00	50.73 1.86 0.00	46.39 1.57 0.00	44.09 1.86 0.00	35.12 1.45 0.00	30.10 1.19 0.00	27.03 1.01 0.00
LIGHTHSE_115KV_TB6 355974	28.41 -0.23 0.00	26.08 -0.21 0.00	23.76 -0.19 0.00	22.56 -0.18 0.00	22.23 -0.20 0.00	22.71 -0.21 0.00	25.66 -0.18 0.00	25.19 -0.13 0.00	23.76 -0.19 0.00	20.31 -0.22 -0.58	21.02 -0.25 -1.96	21.61 -0.20 -1.97	20.14 -0.22 -0.01	21.89 -0.22 -0.02	25.19 -0.20 -3.26	34.81 -0.18 -8.95	36.91 -0.34 -6.47	52.02 -0.33 -10.84	55.40 -0.34 -6.86	58.01 -0.22 -13.41	46.47 -0.21 -4.46	42.02 -0.17 -8.52	34.90 -0.12 -6.09	26.34 -0.10 -0.43
LINDEN COGEN____ 23786	22.58 0.94 7.00	20.71 0.84 6.42	19.24 0.74 5.46	18.22 0.68 5.20	17.68 0.65 5.40	18.36 0.69 5.24	19.30 0.75 7.29	20.10 0.83 6.05	19.92 0.86 4.89	16.56 0.80 4.19	14.77 0.81 5.36	15.96 0.77 4.65	14.19 0.87 7.05	15.81 0.88 7.16	19.66 0.93 3.39	20.63 1.04 6.45	23.04 1.26 8.99	23.29 1.58 19.80	23.54 1.52 26.85	23.54 1.43 22.72	23.29 1.69 20.63	23.29 1.41 11.80	23.04 1.13 7.00	23.04 0.96 3.93
LINDHRST_69_KV_BK1 356055	29.81 1.17 0.00	27.18 0.89 0.00	24.68 0.72 0.00	23.40 0.66 0.00	23.15 0.72 0.00	23.60 0.69 0.00	26.67 0.83 0.00	26.13 0.81 0.00	24.79 0.84 0.00	20.69 0.74 0.00	20.30 0.99 0.00	20.69 0.85 0.00	21.32 0.96 0.00	23.22 1.13 0.00	23.34 1.22 0.00	27.42 1.38 0.00	32.46 1.69 0.00	42.83 1.33 0.01	50.33 1.47 0.01	46.22 1.39 0.00	43.83 1.60 0.01	35.56 1.89 0.00	30.36 1.45 0.00	27.16 1.14 0.00
LIPA_MISC_IPP 23656	29.29 0.66 0.00	26.71 0.42 0.00	24.24 0.29 0.00	23.04 0.30 0.00	22.81 0.38 0.00	23.24 0.32 0.00	26.20 0.36 0.00	25.72 0.41 0.00	24.38 0.43 0.00	20.33 0.38 0.00	19.95 0.64 0.00	20.31 0.48 0.00	20.93 0.57 0.00	22.80 0.71 0.00	22.94 0.82 0.00	26.98 0.94 0.00	32.00 1.23 0.00	42.17 0.66 0.01	49.55 0.68 0.01	45.50 0.67 0.00	43.11 0.89 0.01	35.12 1.45 0.00	29.90 0.98 0.00	26.71 0.70 0.00
LISF____SOLAR 323691	29.32 0.69 0.00	26.71 0.42 0.00	24.25 0.29 0.00	23.10 0.36 0.00	22.81 0.38 0.00	23.30 0.39 0.00	26.15 0.31 0.00	25.75 0.43 0.00	24.38 0.43 0.00	20.33 0.38 0.00	19.95 0.64 0.00	20.31 0.48 0.00	20.93 0.57 0.00	22.80 0.71 0.00	22.96 0.84 0.00	27.00 0.96 0.00	32.03 1.26 0.00	42.34 0.83 0.01	49.46 0.59 0.01	45.45 0.63 0.00	43.11 0.89 0.01	35.09 1.41 0.00	29.90 0.98 0.00	26.74 0.73 0.00
LITTLE FALLS____HYD 24013	28.43 -0.20 0.00	26.08 -0.21 0.00	23.74 -0.22 0.00	22.56 -0.18 0.00	22.25 -0.18 0.00	22.75 -0.16 0.00	25.66 -0.18 0.00	25.14 -0.18 0.00	23.80 -0.14 0.00	20.01 -0.08 -0.14	19.76 -0.02 -0.46	20.30 0.00 -0.47	20.36 0.00 0.00	22.11 0.02 0.00	22.89 0.00 -0.77	26.73 0.05 -0.63	30.90 0.12 0.00	41.92 0.12 -0.28	49.29 0.05 -0.37	45.89 0.00 -1.07	42.24 -0.04 -0.05	33.64 -0.03 0.00	28.95 0.03 0.00	26.01 0.00 0.00

LITTLRIV_115KV_TB1 356100	29.47 0.83 0.00	27.03 0.74 0.00	24.63 0.67 0.00	23.38 0.64 0.00	23.06 0.63 0.00	23.56 0.64 0.00	26.59 0.75 0.00	26.05 0.73 0.00	24.57 0.62 0.00	26.49 0.42 -6.11	40.58 0.46 -20.81	41.18 0.46 -20.89	20.79 0.35 -0.08	22.45 0.35 0.00	57.24 0.49 -34.63	55.77 0.60 -29.13	32.46 0.83 -0.86	56.49 1.20 -13.78	67.17 1.32 -16.98	94.98 1.43 -48.72	45.85 1.06 -2.57	35.42 0.81 -0.94	30.39 0.67 -0.81	26.54 0.47 -0.06
LI_NEWBRDGE___DRP 323616	29.47 0.83 0.00	26.92 0.63 0.00	24.44 0.48 0.00	23.17 0.43 0.00	22.93 0.49 0.00	23.40 0.48 0.00	26.44 0.59 0.00	25.87 0.56 0.00	24.55 0.60 0.00	20.51 0.56 0.00	20.07 0.75 0.00	20.47 0.63 0.00	21.09 0.73 0.00	22.93 0.84 0.00	23.05 0.93 0.00	27.08 1.04 0.00	32.00 1.23 0.00	42.29 0.79 0.01	49.70 0.83 0.01	45.59 0.76 0.00	43.28 1.06 0.01	35.05 1.38 0.00	29.99 1.07 0.00	26.84 0.83 0.00
LOCKPORT_115KV_TB60_63_64 80432	27.32 -1.32 0.00	25.21 -1.08 0.00	23.17 -0.79 0.00	21.90 -0.84 0.00	21.60 -0.83 0.00	21.88 -1.03 0.00	24.68 -1.16 0.00	24.68 -0.63 0.00	23.30 -0.65 0.00	19.55 -0.40 0.00	18.97 -0.35 0.00	19.80 -0.04 0.00	20.26 -0.10 0.00	22.03 -0.07 -0.01	21.57 -0.55 0.00	22.29 -0.86 2.89	29.64 -1.23 -0.09	36.26 -1.95 3.30	37.70 -2.79 8.39	37.25 -2.69 4.89	30.64 -2.15 9.43	26.85 -1.55 5.28	27.90 -1.10 -0.08	25.89 -0.29 -0.17
LOCKPORT___CC1 323769	27.49 -1.15 0.00	25.47 -0.82 0.00	23.24 -0.72 0.00	21.90 -0.84 0.00	21.74 -0.70 0.00	21.88 -1.03 0.00	25.12 -0.72 0.00	24.66 -0.66 0.00	23.28 -0.67 0.00	19.55 -0.40 0.00	18.95 -0.37 0.00	19.78 -0.06 0.00	20.24 -0.12 0.00	22.01 -0.09 -0.01	21.57 -0.55 0.00	22.35 -0.83 2.86	29.59 -1.29 -0.11	36.14 -2.12 3.26	37.90 -2.64 8.33	37.38 -2.60 4.84	30.91 -1.94 9.37	26.96 -1.48 5.23	28.00 -1.01 -0.10	25.89 -0.29 -0.17
LOCKPORT___CC2 323770	27.49 -1.15 0.00	25.47 -0.82 0.00	23.24 -0.72 0.00	21.90 -0.84 0.00	21.74 -0.70 0.00	21.88 -1.03 0.00	25.12 -0.72 0.00	24.66 -0.66 0.00	23.28 -0.67 0.00	19.55 -0.40 0.00	18.95 -0.37 0.00	19.78 -0.06 0.00	20.24 -0.12 0.00	22.01 -0.09 -0.01	21.57 -0.55 0.00	22.35 -0.83 2.86	29.59 -1.29 -0.11	36.14 -2.12 3.26	37.90 -2.64 8.33	37.38 -2.60 4.84	30.91 -1.94 9.37	26.96 -1.48 5.23	28.00 -1.01 -0.10	25.89 -0.29 -0.17
LOCKPORT___CC3 323771	27.49 -1.15 0.00	25.47 -0.82 0.00	23.24 -0.72 0.00	21.90 -0.84 0.00	21.74 -0.70 0.00	21.88 -1.03 0.00	25.12 -0.72 0.00	24.66 -0.66 0.00	23.28 -0.67 0.00	19.55 -0.40 0.00	18.95 -0.37 0.00	19.78 -0.06 0.00	20.24 -0.12 0.00	22.01 -0.09 -0.01	21.57 -0.55 0.00	22.35 -0.83 2.86	29.59 -1.29 -0.11	36.14 -2.12 3.26	37.90 -2.64 8.33	37.38 -2.60 4.84	30.91 -1.94 9.37	26.96 -1.48 5.23	28.00 -1.01 -0.10	25.89 -0.29 -0.17
LOCUSVLY_69_KV_BK2 55797	29.75 1.12 0.00	27.21 0.92 0.00	24.70 0.74 0.00	23.42 0.68 0.00	23.15 0.72 0.00	23.65 0.73 0.00	26.72 0.88 0.00	26.15 0.84 0.00	24.83 0.89 0.00	20.75 0.80 0.00	20.26 0.95 0.00	20.71 0.87 0.00	21.34 0.98 0.00	23.17 1.08 0.00	23.27 1.15 0.00	27.34 1.30 0.00	32.31 1.54 0.00	42.88 1.37 0.00	50.39 1.52 0.00	46.22 1.39 0.00	43.83 1.60 0.00	35.39 1.72 0.00	30.28 1.36 0.00	27.10 1.09 0.00
LONG_LAKE_PHOENIX 24014	28.09 -0.54 0.00	25.82 -0.47 0.00	23.50 -0.46 0.00	22.31 -0.43 0.00	22.03 -0.40 0.00	22.50 -0.41 0.00	25.38 -0.47 0.00	24.94 -0.38 0.00	23.56 -0.38 0.00	19.81 -0.34 -0.19	19.65 -0.33 -0.66	20.20 -0.30 -0.66	20.06 -0.31 0.00	21.81 -0.31 -0.03	22.91 -0.31 -1.10	37.11 -0.36 -11.44	40.04 -0.49 -9.76	57.08 -0.62 -16.19	59.70 -0.73 -11.56	60.91 -0.67 -16.76	51.46 -0.63 -9.86	47.92 -0.54 -14.79	37.68 -0.43 -9.20	26.27 -0.34 -0.60
LOVETT___3 23632	29.55 0.92 0.00	27.11 0.81 0.00	24.68 0.72 0.00	23.40 0.66 0.00	23.08 0.65 0.00	23.60 0.69 0.00	26.64 0.80 0.00	26.08 0.76 0.00	24.71 0.77 0.00	20.65 0.70 0.00	20.03 0.71 0.00	20.53 0.69 0.00	21.11 0.75 0.00	22.89 0.80 0.00	22.94 0.82 0.00	26.98 0.94 0.00	31.85 1.08 0.00	42.84 1.33 0.00	50.44 1.56 0.00	46.17 1.34 0.00	43.83 1.60 0.00	34.95 1.28 0.00	29.99 1.07 0.00	26.90 0.88 0.00
LOVETT___4 23642	29.55 0.92 0.00	27.11 0.81 0.00	24.68 0.72 0.00	23.40 0.66 0.00	23.08 0.65 0.00	23.60 0.69 0.00	26.64 0.80 0.00	26.08 0.76 0.00	24.71 0.77 0.00	20.65 0.70 0.00	20.03 0.71 0.00	20.53 0.69 0.00	21.11 0.75 0.00	22.89 0.80 0.00	22.94 0.82 0.00	26.98 0.94 0.00	31.85 1.08 0.00	42.84 1.33 0.00	50.44 1.56 0.00	46.17 1.34 0.00	43.83 1.60 0.00	34.95 1.28 0.00	29.99 1.07 0.00	26.90 0.88 0.00
LOVETT___5 23593	29.55 0.92 0.00	27.11 0.81 0.00	24.68 0.72 0.00	23.40 0.66 0.00	23.08 0.65 0.00	23.60 0.69 0.00	26.64 0.80 0.00	26.08 0.76 0.00	24.71 0.77 0.00	20.65 0.70 0.00	20.03 0.71 0.00	20.53 0.69 0.00	21.11 0.75 0.00	22.89 0.80 0.00	22.94 0.82 0.00	26.98 0.94 0.00	31.85 1.08 0.00	42.84 1.33 0.00	50.44 1.56 0.00	46.17 1.34 0.00	43.83 1.60 0.00	34.95 1.28 0.00	29.99 1.07 0.00	26.90 0.88 0.00
LOWER RAQUET___HYD 24057	29.26 0.63 0.00	26.84 0.55 0.00	24.44 0.48 0.00	23.22 0.48 0.00	22.90 0.47 0.00	23.42 0.50 0.00	26.38 0.54 0.00	25.85 0.53 0.00	24.45 0.50 0.00	26.16 0.36 -5.85	39.61 0.41 -19.89	40.20 0.40 -19.97	20.72 0.28 -0.08	22.38 0.29 0.00	55.62 0.40 -33.10	54.40 0.44 -27.92	32.27 0.58 -0.91	55.63 0.83 -13.29	66.12 0.98 -16.27	92.35 0.85 -46.68	45.25 0.55 -2.48	35.14 0.47 -1.00	30.12 0.35 -0.86	26.31 0.23 -0.07
LOWER___HUDSON 24059	29.35 0.72 0.00	26.95 0.66 0.00	24.60 0.65 0.00	23.40 0.66 0.00	23.04 0.61 0.00	23.56 0.64 0.00	26.49 0.65 0.00	25.87 0.56 0.00	24.40 0.45 0.00	20.29 0.34 0.00	19.61 0.29 0.00	20.04 0.20 0.00	20.52 0.16 0.00	22.29 0.20 0.00	22.34 0.22 0.00	26.35 0.31 0.00	31.20 0.43 0.00	42.30 0.79 0.00	50.10 1.22 0.00	46.04 1.21 0.00	43.28 1.06 0.00	34.55 0.87 0.00	29.64 0.72 0.00	26.63 0.62 0.00
LOWVILLE_115KV_TB2 356335	28.98 0.34 0.00	26.55 0.26 0.00	24.15 0.19 0.00	22.92 0.18 0.00	22.59 0.16 0.00	22.98 0.07 0.00	25.97 0.13 0.00	25.44 0.13 0.00	24.07 0.12 0.00	21.58 -0.04 -1.66	24.89 -0.08 -5.65	25.45 -0.06 -5.68	20.30 -0.08 -0.02	22.03 -0.07 -0.01	31.51 -0.02 -9.41	35.58 0.10 -9.44	32.99 0.18 -2.03	48.14 0.46 -6.17	55.07 0.73 -5.46	60.88 0.72 -15.34	43.95 0.55 -1.17	36.20 0.30 -2.22	31.12 0.29 -1.91	26.24 0.08 -0.15
LUTHERFT_115KV_GLOB_FND_222 355753	29.75 1.12 0.00	27.32 1.03 0.00	24.96 1.01 0.00	23.69 0.96 0.00	23.35 0.92 0.00	23.83 0.92 0.00	26.87 1.03 0.00	26.20 0.89 0.00	24.62 0.67 0.00	20.41 0.46 0.00	19.60 0.29 0.00	20.02 0.18 0.00	20.50 0.14 0.00	22.29 0.20 0.00	22.36 0.24 0.00	26.43 0.39 0.00	31.45 0.68 0.00	42.76 1.25 0.00	50.78 1.91 0.00	46.71 1.88 0.00	43.96 1.73 0.00	35.05 1.38 0.00	30.07 1.16 0.00	26.97 0.96 0.00

LUTHERNY_35_KV_BK2 355980	29.78 1.15 0.00	27.34 1.05 0.00	24.96 1.01 0.00	23.72 0.98 0.00	23.35 0.92 0.00	23.85 0.94 0.00	26.87 1.03 0.00	26.20 0.89 0.00	24.62 0.67 0.00	20.43 0.48 0.00	19.60 0.29 0.00	20.02 0.18 0.00	20.50 0.14 0.00	22.29 0.20 0.00	22.36 0.24 0.00	26.46 0.42 0.00	31.45 0.68 0.00	42.80 1.29 0.00	50.83 1.95 0.00	46.75 1.93 0.00	44.00 1.77 0.00	35.09 1.41 0.00	30.10 1.19 0.00	26.97 0.96 0.00
LWR___OSWEGATCHIE_HYD 23850	29.09 0.46 0.00	26.68 0.39 0.00	24.29 0.34 0.00	23.06 0.32 0.00	22.75 0.31 0.00	23.19 0.27 0.00	26.20 0.36 0.00	25.67 0.35 0.00	24.26 0.31 0.00	24.05 0.14 -3.96	32.93 0.14 -13.48	33.53 0.16 -13.53	20.49 0.08 -0.05	22.18 0.09 -0.01	44.73 0.18 -22.43	46.13 0.26 -19.83	32.77 0.31 -1.69	52.51 0.54 -10.46	61.09 0.68 -11.53	78.48 0.76 -32.89	44.70 0.51 -1.96	35.96 0.44 -1.85	30.86 0.35 -1.59	26.29 0.16 -0.12
LYONS_FALL_HYD 23570	28.98 0.34 0.00	26.58 0.29 0.00	24.17 0.22 0.00	22.97 0.23 0.00	22.61 0.18 0.00	23.05 0.14 0.00	26.05 0.21 0.00	25.52 0.20 0.00	24.12 0.17 0.00	21.08 0.02 -1.10	23.05 -0.02 -3.76	23.63 0.02 -3.77	20.38 0.00 -0.01	22.12 0.02 -0.01	28.42 0.04 -6.26	32.70 0.16 -6.50	32.67 0.28 -1.62	46.51 0.54 -4.46	53.46 0.83 -3.76	56.19 0.85 -10.51	43.75 0.67 -0.85	35.85 0.41 -1.77	30.79 0.35 -1.52	26.31 0.18 -0.12
MADISON___COUNTY_LFGE 323628	28.98 0.34 0.00	26.61 0.32 0.00	24.24 0.29 0.00	23.01 0.27 0.00	22.68 0.25 0.00	23.19 0.27 0.00	26.18 0.34 0.00	25.67 0.35 0.00	24.21 0.26 0.00	20.41 0.12 -0.34	20.55 0.08 -1.16	21.12 0.12 -1.16	20.49 0.12 0.00	22.25 0.15 -0.01	24.22 0.18 -1.92	29.71 0.29 -3.38	33.34 0.43 -2.13	45.76 0.66 -3.58	51.78 0.98 -1.93	50.96 0.99 -5.15	43.81 0.89 -0.69	36.58 0.57 -2.33	31.45 0.52 -2.01	26.56 0.39 -0.16
MALONE___115KV_TB1 356076	29.58 0.94 0.00	27.13 0.84 0.00	24.72 0.77 0.00	23.49 0.75 0.00	23.22 0.79 0.00	23.74 0.82 0.00	26.80 0.96 0.00	26.31 0.99 0.00	24.93 0.98 0.00	22.91 0.84 -2.12	27.39 0.85 -7.22	27.96 0.87 -7.25	21.24 0.86 -0.03	22.97 0.88 0.00	35.11 0.97 -12.02	36.99 1.09 -9.86	32.10 1.32 0.00	47.64 1.74 -4.38	56.29 1.66 -5.75	62.82 1.43 -16.56	43.93 0.89 -0.81	34.31 0.64 0.00	29.32 0.40 0.00	26.30 0.29 0.00
MAPLEWOD_115KV_TB3 80458	29.04 0.40 0.00	26.68 0.39 0.00	24.36 0.41 0.00	23.17 0.43 0.00	22.81 0.38 0.00	23.30 0.39 0.00	26.23 0.39 0.00	25.60 0.28 0.00	24.16 0.22 0.00	20.09 0.14 0.00	19.43 0.12 0.00	19.86 0.02 0.00	20.38 0.02 0.00	22.13 0.04 0.00	22.19 0.07 0.00	26.14 0.10 0.00	30.93 0.15 0.00	41.80 0.29 0.00	49.51 0.64 0.00	45.41 0.58 0.00	42.78 0.55 0.00	34.15 0.47 0.00	29.32 0.40 0.00	26.35 0.34 0.00
MAPLE_RIDGE_WT_1 323574	28.38 -0.26 0.00	25.90 -0.39 0.00	23.53 -0.43 0.00	22.29 -0.45 0.00	21.94 -0.49 0.00	22.41 -0.50 0.00	25.22 -0.62 0.00	24.74 -0.58 0.00	23.44 -0.50 0.00	19.45 -0.36 0.15	18.55 -0.25 0.51	19.09 -0.24 0.51	20.14 -0.22 0.00	21.87 -0.22 0.00	21.07 -0.20 0.85	25.11 -0.23 0.69	30.53 -0.25 0.00	40.87 -0.33 0.31	47.98 -0.49 0.41	42.99 -0.67 1.17	41.28 -0.89 0.06	32.83 -0.84 0.00	28.14 -0.78 0.00	25.23 -0.78 0.00
MAPLE_RIDGE_WT_2 323611	28.38 -0.26 0.00	25.90 -0.39 0.00	23.53 -0.43 0.00	22.29 -0.45 0.00	21.94 -0.49 0.00	22.41 -0.50 0.00	25.22 -0.62 0.00	24.74 -0.58 0.00	23.44 -0.50 0.00	19.45 -0.36 0.15	18.55 -0.25 0.51	19.09 -0.24 0.51	20.14 -0.22 0.00	21.87 -0.22 0.00	21.07 -0.20 0.85	25.11 -0.23 0.69	30.53 -0.25 0.00	40.87 -0.33 0.31	47.98 -0.49 0.41	42.99 -0.67 1.17	41.28 -0.89 0.06	32.83 -0.84 0.00	28.14 -0.78 0.00	25.23 -0.78 0.00
MARBLE_RIVER_WT_PWR 323696	29.70 1.06 0.00	27.26 0.97 0.00	24.87 0.91 0.00	23.65 0.91 0.00	23.40 0.96 0.00	23.95 1.03 0.00	27.00 1.16 0.00	26.48 1.17 0.00	25.10 1.15 0.00	21.41 1.02 -0.44	21.87 1.04 -1.51	22.44 1.09 -1.52	21.49 1.12 -0.01	23.26 1.17 0.00	25.85 1.22 -2.51	29.46 1.35 -2.06	32.37 1.60 0.00	44.46 2.03 -0.92	52.13 2.05 -1.20	49.68 1.39 -3.46	43.03 0.63 -0.17	33.94 0.27 0.00	28.89 -0.03 0.00	25.91 -0.10 0.00
MARSHVLE_115KV_TB1 80742	29.95 1.32 0.00	27.50 1.21 0.00	25.11 1.15 0.00	23.81 1.07 0.00	23.44 1.01 0.00	23.97 1.05 0.00	27.06 1.21 0.00	26.25 0.94 0.00	24.28 0.34 0.00	19.93 -0.02 0.00	19.04 -0.27 0.00	19.46 -0.38 0.00	19.93 -0.43 0.00	21.74 -0.35 0.00	21.86 -0.27 0.00	25.99 -0.05 0.00	31.17 0.40 0.00	42.68 1.16 0.00	51.32 2.44 0.00	47.47 2.64 0.00	44.68 2.45 0.00	35.49 1.82 0.00	30.42 1.50 0.00	27.21 1.20 0.00
MARSH_HILL_WT_PWR 323713	27.95 -0.69 0.00	25.71 -0.58 0.00	23.33 -0.62 0.00	21.97 -0.77 0.00	21.71 -0.72 0.00	21.97 -0.94 0.00	25.07 -0.77 0.00	24.61 -0.71 0.00	23.21 -0.74 0.00	19.33 -0.62 0.00	18.68 -0.64 0.00	19.50 -0.34 0.00	20.01 -0.35 0.00	21.86 -0.24 -0.01	21.70 -0.42 0.00	24.88 -0.57 0.58	31.42 -0.83 -1.47	40.22 -1.16 0.13	43.15 -1.22 4.51	42.12 -1.34 1.36	35.56 -1.23 5.44	30.93 -1.04 1.70	29.46 -0.84 -1.39	25.67 -0.55 -0.21
MCINTYRE_115KV_TB2 80467	29.55 0.92 0.00	27.11 0.81 0.00	24.70 0.74 0.00	23.44 0.70 0.00	23.13 0.70 0.00	23.65 0.73 0.00	26.67 0.83 0.00	26.10 0.78 0.00	24.62 0.67 0.00	26.94 0.44 -6.55	42.06 0.46 -22.28	42.68 0.48 -22.37	20.83 0.39 -0.09	22.47 0.38 0.00	59.73 0.53 -37.08	57.76 0.65 -31.07	32.48 0.92 -0.78	57.40 1.33 -14.56	68.51 1.52 -18.11	98.49 1.66 -52.00	46.21 1.27 -2.71	35.50 0.98 -0.85	30.46 0.81 -0.73	26.67 0.60 -0.06
MECO_____69_KV_BK1 80468	30.18 1.55 0.00	27.71 1.42 0.00	25.30 1.34 0.00	24.01 1.27 0.00	23.62 1.19 0.00	24.15 1.24 0.00	27.26 1.42 0.00	26.46 1.14 0.00	24.47 0.53 0.00	20.07 0.12 0.00	19.12 -0.19 0.00	19.46 -0.38 0.00	19.91 -0.45 0.00	21.71 -0.38 0.00	21.88 -0.24 0.00	26.07 0.03 0.00	31.39 0.62 0.00	43.09 1.58 0.00	51.76 2.88 0.00	47.78 2.96 0.00	44.93 2.70 0.00	35.73 2.05 0.00	30.62 1.71 0.00	27.39 1.38 0.00
MENANDS___115KV_TB5 355628	28.89 0.26 0.00	26.55 0.26 0.00	24.27 0.31 0.00	23.06 0.32 0.00	22.72 0.29 0.00	23.21 0.30 0.00	26.10 0.26 0.00	25.47 0.15 0.00	24.07 0.12 0.00	20.03 0.08 0.00	19.37 0.06 0.00	19.82 -0.02 0.00	20.32 -0.04 0.00	22.07 -0.02 0.00	22.12 0.00 0.00	26.07 0.03 0.00	30.80 0.03 0.00	41.55 0.04 0.00	49.22 0.34 0.00	45.14 0.31 0.00	42.52 0.30 0.00	33.94 0.27 0.00	29.18 0.26 0.00	26.22 0.21 0.00
MG INDUSTRY___DRP 24185	28.98 0.34 0.00	26.63 0.34 0.00	24.34 0.38 0.00	23.10 0.36 0.00	22.77 0.34 0.00	23.26 0.34 0.00	26.18 0.34 0.00	25.55 0.23 0.00	24.07 0.12 0.00	19.99 0.04 0.00	19.31 0.00 0.00	19.76 -0.08 0.00	20.26 -0.10 0.00	22.00 -0.09 0.00	22.06 -0.07 0.00	26.01 -0.03 0.00	30.77 0.00 0.00	41.60 0.08 0.00	49.27 0.39 0.00	45.23 0.40 0.00	42.65 0.42 0.00	34.01 0.34 0.00	29.24 0.32 0.00	26.27 0.26 0.00

MID___OSWEGATCHIE_HYD 23849	29.09 0.46 0.00	26.68 0.39 0.00	24.29 0.34 0.00	23.06 0.32 0.00	22.75 0.31 0.00	23.19 0.27 0.00	26.20 0.36 0.00	25.67 0.35 0.00	24.26 0.31 0.00	24.05 0.14 -3.96	32.93 0.14 -13.48	33.53 0.16 -13.53	20.49 0.08 -0.05	22.18 0.09 -0.01	44.73 0.18 -22.43	46.13 0.26 -19.83	32.77 0.31 -1.69	52.51 0.54 -10.46	61.09 0.68 -11.53	78.48 0.76 -32.89	44.70 0.51 -1.96	35.96 0.44 -1.85	30.86 0.35 -1.59	26.29 0.16 -0.12
MID___RAQUETTE_HYD 23851	29.26 0.63 0.00	26.84 0.55 0.00	24.44 0.48 0.00	23.22 0.48 0.00	22.90 0.47 0.00	23.40 0.48 0.00	26.38 0.54 0.00	25.85 0.53 0.00	24.45 0.50 0.00	26.16 0.36 -5.85	39.61 0.41 -19.89	40.20 0.40 -19.97	20.72 0.29 -0.08	22.36 0.27 0.00	55.62 0.40 -33.10	54.40 0.44 -27.92	32.27 0.58 -0.91	55.63 0.83 -13.29	65.98 0.83 -16.27	92.35 0.85 -46.68	45.26 0.55 -2.48	35.14 0.47 -1.00	30.12 0.35 -0.86	26.31 0.23 -0.07
MILLIKEN___1 23584	28.81 0.17 0.00	26.50 0.21 0.00	24.10 0.14 0.00	22.85 0.11 0.00	22.57 0.13 0.00	23.05 0.14 0.00	26.05 0.21 0.00	25.60 0.28 0.00	24.14 0.19 0.00	20.03 0.08 0.00	19.35 0.04 0.00	19.98 0.14 0.00	20.50 0.14 0.00	22.30 0.20 -0.02	22.32 0.20 0.00	29.67 0.23 -3.40	35.15 0.37 -4.01	47.51 0.58 -5.41	51.60 0.83 -1.89	50.24 0.72 -4.69	43.96 0.68 -1.06	38.53 0.47 -4.39	33.10 0.40 -3.78	26.67 0.36 -0.29
MILLIKEN___2 23585	28.81 0.17 0.00	26.50 0.21 0.00	24.10 0.14 0.00	22.85 0.11 0.00	22.57 0.13 0.00	23.05 0.14 0.00	26.05 0.21 0.00	25.60 0.28 0.00	24.14 0.19 0.00	20.03 0.08 0.00	19.35 0.04 0.00	19.98 0.14 0.00	20.50 0.14 0.00	22.30 0.20 -0.02	22.32 0.20 0.00	29.67 0.23 -3.40	35.15 0.37 -4.01	47.51 0.58 -5.41	51.60 0.83 -1.89	50.24 0.72 -4.69	43.96 0.68 -1.06	38.53 0.47 -4.39	33.10 0.40 -3.78	26.67 0.36 -0.29
MILLIKEN___DIESEL 23629	28.81 0.17 0.00	26.50 0.21 0.00	24.10 0.14 0.00	22.85 0.11 0.00	22.57 0.13 0.00	23.05 0.14 0.00	26.05 0.21 0.00	25.60 0.28 0.00	24.14 0.19 0.00	20.03 0.08 0.00	19.35 0.04 0.00	19.98 0.14 0.00	20.50 0.14 0.00	22.30 0.20 -0.02	22.32 0.20 0.00	29.67 0.23 -3.40	35.15 0.37 -4.01	47.51 0.58 -5.41	51.60 0.83 -1.89	50.24 0.72 -4.69	43.96 0.68 -1.06	38.53 0.47 -4.39	33.10 0.40 -3.78	26.67 0.36 -0.29
MILLSEAT___LFGE 323607	28.06 -0.57 0.00	25.95 -0.34 0.00	23.64 -0.31 0.00	22.35 -0.39 0.00	22.16 -0.27 0.00	22.41 -0.50 0.00	25.74 -0.10 0.00	25.27 -0.05 0.00	23.80 -0.14 0.00	19.93 -0.02 0.00	19.31 0.00 0.00	20.09 0.26 0.00	20.59 0.22 0.00	22.34 0.24 -0.01	22.06 -0.07 0.00	22.85 -0.18 3.01	30.47 -0.34 -0.03	37.47 -0.58 3.47	39.52 -0.73 8.62	38.98 -0.76 5.08	32.05 -0.50 9.67	27.80 -0.40 5.47	28.83 -0.12 -0.03	26.57 0.39 -0.17
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.58 0.94 0.00	27.16 0.87 0.00	24.70 0.74 0.00	23.42 0.68 0.00	23.13 0.70 0.00	23.63 0.71 0.00	26.67 0.83 0.00	26.13 0.81 0.00	24.76 0.81 0.00	20.69 0.74 0.00	20.05 0.73 0.00	20.55 0.71 0.00	21.16 0.79 0.00	22.91 0.82 0.00	22.96 0.84 0.00	27.00 0.96 0.00	31.91 1.14 0.00	42.92 1.41 0.00	50.54 1.66 0.00	46.26 1.43 0.00	43.92 1.69 0.00	35.02 1.35 0.00	30.02 1.10 0.00	26.92 0.91 0.00
MILLWOOD_13_KV_LOAD 356217	29.64 1.00 0.00	27.21 0.92 0.00	24.75 0.79 0.00	23.47 0.73 0.00	23.15 0.72 0.00	23.67 0.76 0.00	26.72 0.88 0.00	26.15 0.84 0.00	24.79 0.84 0.00	20.71 0.76 0.00	20.07 0.75 0.00	20.57 0.73 0.00	21.18 0.81 0.00	22.95 0.86 0.00	22.98 0.86 0.00	27.06 1.02 0.00	31.97 1.20 0.00	43.05 1.54 0.00	50.63 1.76 0.00	46.35 1.52 0.00	44.00 1.77 0.00	35.05 1.38 0.00	30.04 1.13 0.00	26.97 0.96 0.00
MODEL_CITY_ENERGY 24167	27.32 -1.32 0.00	25.34 -0.95 0.00	23.12 -0.84 0.00	21.81 -0.93 0.00	21.63 -0.81 0.00	21.77 -1.15 0.00	25.01 -0.83 0.00	24.56 -0.76 0.00	23.16 -0.79 0.00	19.47 -0.48 0.00	18.87 -0.44 0.00	19.70 -0.14 0.00	20.16 -0.20 0.00	21.81 -0.29 -0.01	21.37 -0.75 0.00	22.11 -1.09 2.84	29.29 -1.60 -0.12	35.71 -2.57 3.23	37.41 -3.18 8.29	36.93 -3.09 4.81	30.54 -2.36 9.32	26.66 -1.82 5.19	27.73 -1.30 -0.11	25.68 -0.50 -0.17
MODERN_LFGE___ 323580	27.32 -1.32 0.00	25.34 -0.95 0.00	23.12 -0.84 0.00	21.81 -0.93 0.00	21.63 -0.81 0.00	21.77 -1.15 0.00	25.01 -0.83 0.00	24.56 -0.76 0.00	23.16 -0.79 0.00	19.47 -0.48 0.00	18.87 -0.44 0.00	19.70 -0.14 0.00	20.16 -0.20 0.00	21.81 -0.29 -0.01	21.37 -0.75 0.00	22.11 -1.09 2.84	29.29 -1.60 -0.12	35.71 -2.57 3.23	37.41 -3.18 8.29	36.93 -3.09 4.81	30.54 -2.36 9.32	26.66 -1.82 5.19	27.73 -1.30 -0.11	25.68 -0.50 -0.17
MOHAWK_PAPER___DRP 24187	29.04 0.40 0.00	26.68 0.39 0.00	24.36 0.41 0.00	23.17 0.43 0.00	22.81 0.38 0.00	23.30 0.39 0.00	26.23 0.39 0.00	25.60 0.28 0.00	24.16 0.22 0.00	20.09 0.14 0.00	19.43 0.12 0.00	19.86 0.02 0.00	20.38 0.02 0.00	22.13 0.04 0.00	22.19 0.07 0.00	26.14 0.10 0.00	30.93 0.15 0.00	41.80 0.29 0.00	49.51 0.64 0.00	45.41 0.58 0.00	42.78 0.55 0.00	34.15 0.47 0.00	29.32 0.40 0.00	26.35 0.34 0.00
MOHICAN___35_KV_115KV_LD 80490	30.10 1.46 0.00	27.63 1.34 0.00	25.25 1.29 0.00	23.97 1.23 0.00	23.60 1.17 0.00	24.11 1.19 0.00	27.18 1.34 0.00	26.48 1.16 0.00	24.79 0.84 0.00	20.55 0.60 0.00	19.59 0.27 0.00	19.96 0.12 0.00	20.40 0.04 0.00	22.20 0.11 0.00	22.32 0.20 0.00	26.43 0.39 0.00	31.54 0.77 0.00	43.22 1.70 0.00	51.47 2.59 0.00	47.43 2.60 0.00	44.59 2.36 0.00	35.53 1.85 0.00	30.45 1.53 0.00	27.26 1.25 0.00
MONGAUP___HYD 23641	29.52 0.89 0.00	27.11 0.82 0.00	24.65 0.70 0.00	23.40 0.66 0.00	23.08 0.65 0.00	23.63 0.71 0.00	26.59 0.75 0.00	26.00 0.68 0.00	24.57 0.62 0.00	20.47 0.52 0.00	19.80 0.48 0.00	20.29 0.46 0.00	20.87 0.51 0.00	22.64 0.55 0.00	22.70 0.57 0.00	26.77 0.73 0.00	31.73 0.95 0.00	42.93 1.41 0.00	50.58 1.71 0.00	46.35 1.52 0.00	43.92 1.69 0.00	34.88 1.21 0.00	29.90 0.98 0.00	26.90 0.88 0.00
MONTAUK___DIESEL 23721	29.58 0.94 0.00	27.00 0.71 0.00	24.53 0.57 0.00	23.31 0.57 0.00	23.08 0.65 0.00	23.49 0.57 0.00	26.31 0.47 0.00	25.72 0.41 0.00	24.35 0.41 0.00	20.31 0.36 0.00	19.97 0.66 0.00	20.27 0.44 0.00	20.87 0.51 0.00	22.77 0.68 0.00	22.96 0.84 0.00	27.06 1.02 0.00	32.22 1.45 0.00	42.46 0.95 0.01	49.84 0.98 0.01	45.86 1.03 0.00	43.44 1.22 0.01	35.39 1.72 0.00	30.07 1.16 0.00	27.05 1.04 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.49 -1.15 0.00	25.32 -0.97 0.00	23.02 -0.93 0.00	21.65 -1.09 0.00	21.29 -1.14 0.00	21.49 -1.42 0.00	24.29 -1.55 0.00	24.23 -1.09 0.00	22.89 -1.05 0.00	19.26 -0.70 0.00	18.70 -0.62 0.00	19.62 -0.22 0.00	20.20 -0.16 0.00	22.21 0.11 -0.01	21.92 -0.20 0.00	23.46 -0.36 2.22	30.59 -0.65 -0.47	37.84 -1.29 2.39	39.37 -2.30 7.21	38.37 -2.60 3.86	31.70 -2.32 8.20	27.56 -1.89 4.23	27.85 -1.50 -0.44	25.33 -0.86 -0.18

MORRIS_RIDGE___SOLAR 323848	27.78 -0.86 0.00	25.61 -0.68 0.00	23.29 -0.67 0.00	21.92 -0.82 0.00	21.69 -0.74 0.00	21.93 -0.98 0.00	25.01 -0.83 0.00	24.54 -0.79 0.00	23.09 -0.86 0.00	19.28 -0.68 0.00	18.62 -0.69 0.00	19.44 -0.40 0.00	19.95 -0.41 0.00	21.77 -0.33 -0.01	21.55 -0.58 0.00	24.03 -0.81 1.20	30.70 -1.14 -1.07	38.86 -1.66 1.00	41.58 -1.81 5.49	40.73 -1.79 2.30	34.32 -1.48 6.43	29.81 -1.21 2.65	29.06 -0.87 -1.01	25.74 -0.47 -0.19
MORTIMER_115KV_TB3 55949	28.12 -0.52 0.00	25.87 -0.42 0.00	23.57 -0.38 0.00	22.38 -0.36 0.00	22.07 -0.36 0.00	22.53 -0.39 0.00	25.45 -0.39 0.00	25.19 -0.13 0.00	23.78 -0.17 0.00	19.83 -0.12 0.00	19.24 -0.08 0.00	19.90 0.06 0.00	20.40 0.04 0.00	22.21 0.11 -0.01	22.10 -0.02 0.00	22.50 -0.05 3.49	30.51 -0.06 0.20	37.37 -0.04 4.10	39.11 -0.24 9.52	38.73 -0.27 5.82	31.37 -0.25 10.61	27.28 -0.17 6.23	28.70 -0.03 0.19	26.38 0.21 -0.16
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.72 1.09 0.00	27.26 0.97 0.00	24.82 0.86 0.00	23.54 0.80 0.00	23.22 0.79 0.00	23.72 0.80 0.00	26.80 0.96 0.00	26.25 0.94 0.00	24.91 0.96 0.00	20.83 0.88 0.00	20.20 0.89 0.00	20.69 0.85 0.00	21.32 0.96 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.19 1.15 0.00	32.16 1.38 0.00	43.22 1.70 0.00	50.83 1.95 0.00	46.53 1.70 0.00	44.17 1.94 0.00	35.22 1.55 0.00	30.19 1.27 0.00	27.10 1.09 0.00
MUNSVILLE_WIND_PWR 323609	29.78 1.15 0.00	27.34 1.05 0.00	24.84 0.89 0.00	23.56 0.82 0.00	23.24 0.81 0.00	23.74 0.82 0.00	26.95 1.11 0.00	26.36 1.04 0.00	24.74 0.79 0.00	20.29 0.34 0.00	19.51 0.19 0.00	20.17 0.34 0.00	20.69 0.32 0.00	22.54 0.44 -0.01	22.59 0.47 0.00	29.21 0.78 -2.39	34.88 1.29 -2.82	47.39 2.07 -3.80	53.13 2.93 -1.33	51.17 3.05 -3.30	45.68 2.70 -0.74	38.37 1.62 -3.08	32.96 1.39 -2.65	27.21 0.99 -0.21
N SALMON___HYD 24042	29.58 0.94 0.00	27.13 0.84 0.00	24.75 0.79 0.00	23.49 0.75 0.00	23.22 0.78 0.00	23.79 0.87 0.00	26.80 0.96 0.00	26.30 0.99 0.00	24.93 0.98 0.00	22.91 0.84 -2.12	27.38 0.85 -7.22	27.96 0.87 -7.25	21.24 0.86 -0.03	22.97 0.88 0.00	35.11 0.97 -12.02	36.96 1.07 -9.86	32.09 1.32 0.00	47.68 1.78 -4.38	56.53 1.90 -5.75	62.82 1.43 -16.56	43.93 0.89 -0.81	34.31 0.64 0.00	29.32 0.40 0.00	26.30 0.29 0.00
N.AKRON__115KV_KNAPP 355671	28.06 -0.57 0.00	25.84 -0.45 0.00	23.67 -0.29 0.00	22.44 -0.30 0.00	22.14 -0.29 0.00	22.53 -0.39 0.00	25.45 -0.39 0.00	25.39 0.08 0.00	23.92 -0.02 0.00	20.01 0.06 0.00	19.39 0.08 0.00	20.17 0.34 0.00	20.65 0.29 0.00	22.45 0.35 -0.01	22.17 0.04 0.00	22.98 -0.05 3.01	30.71 -0.09 -0.03	37.92 -0.12 3.47	39.77 -0.49 8.62	39.25 -0.49 5.08	32.13 -0.42 9.67	27.97 -0.24 5.47	28.94 0.00 -0.03	26.70 0.52 -0.17
N.E_GEN_SANDY PD 24062	29.26 0.63 0.00	26.87 0.58 0.00	24.53 0.57 0.00	23.33 0.59 0.00	22.99 0.56 0.00	23.51 0.59 0.00	26.41 0.57 0.00	25.82 0.51 0.00	24.45 0.50 0.00	20.35 0.40 0.00	19.72 0.41 0.00	20.17 0.34 0.00	20.71 0.35 0.00	22.44 0.35 0.00	22.50 0.38 0.00	26.48 0.44 0.00	31.26 0.49 0.00	42.30 0.79 0.00	50.00 1.13 0.00	45.90 1.07 0.00	43.20 0.97 0.00	34.52 0.84 0.00	29.61 0.69 0.00	26.61 0.60 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.58 0.94 0.00	27.16 0.87 0.00	24.70 0.74 0.00	23.42 0.68 0.00	23.11 0.67 0.00	23.63 0.71 0.00	26.67 0.83 0.00	26.10 0.78 0.00	24.74 0.79 0.00	20.67 0.72 0.00	20.03 0.71 0.00	20.53 0.69 0.00	21.13 0.77 0.00	22.89 0.80 0.00	22.94 0.82 0.00	27.00 0.96 0.00	31.88 1.11 0.00	42.92 1.41 0.00	50.54 1.66 0.00	46.22 1.39 0.00	43.92 1.69 0.00	34.99 1.31 0.00	30.02 1.10 0.00	26.95 0.94 0.00
N.QUEENS_27_KV_LOAD 356247	29.98 1.35 0.00	27.50 1.21 0.00	25.03 1.08 0.00	23.74 1.00 0.00	23.42 0.99 0.00	23.81 0.89 0.00	26.85 1.01 0.00	26.20 0.89 0.00	24.88 0.93 0.00	20.87 0.92 0.00	20.26 0.95 0.00	20.77 0.93 0.00	21.42 1.06 0.00	23.11 1.02 0.00	23.16 1.04 0.00	27.16 1.12 0.00	32.13 1.35 0.00	43.22 1.70 0.00	50.83 1.95 0.00	46.44 1.61 0.00	44.21 1.98 0.00	35.29 1.62 0.00	30.39 1.47 0.00	27.39 1.38 0.00
N.TROY___115KV_TB1 355778	29.35 0.72 0.00	26.97 0.68 0.00	24.63 0.67 0.00	23.40 0.66 0.00	23.06 0.63 0.00	23.56 0.64 0.00	26.54 0.70 0.00	25.87 0.56 0.00	24.40 0.46 0.00	20.29 0.34 0.00	19.60 0.29 0.00	20.02 0.18 0.00	20.52 0.16 0.00	22.29 0.20 0.00	22.34 0.22 0.00	26.35 0.31 0.00	31.20 0.43 0.00	42.26 0.75 0.00	50.15 1.27 0.00	46.04 1.21 0.00	43.28 1.06 0.00	34.55 0.88 0.00	29.67 0.75 0.00	26.64 0.62 0.00
NARROWS_GT1_1 24228	29.87 1.23 0.00	27.39 1.10 0.00	24.94 0.98 0.00	23.65 0.91 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.77 0.93 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.93 0.98 0.00	20.26 0.95 0.00	20.79 0.95 0.00	21.40 1.04 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.29 1.25 0.00	32.28 1.51 0.00	43.79 2.28 0.00	51.27 2.39 0.00	46.62 1.79 0.00	44.63 2.41 0.00	35.36 1.68 0.00	30.31 1.39 0.00	27.26 1.25 0.00
NARROWS_GT1_2 24229	29.87 1.23 0.00	27.39 1.10 0.00	24.94 0.98 0.00	23.65 0.91 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.77 0.93 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.93 0.98 0.00	20.26 0.95 0.00	20.79 0.95 0.00	21.40 1.04 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.29 1.25 0.00	32.28 1.51 0.00	43.79 2.28 0.00	51.27 2.39 0.00	46.62 1.79 0.00	44.63 2.41 0.00	35.36 1.68 0.00	30.31 1.39 0.00	27.26 1.25 0.00
NARROWS_GT1_3 24230	29.87 1.23 0.00	27.39 1.10 0.00	24.94 0.98 0.00	23.65 0.91 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.77 0.93 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.93 0.98 0.00	20.26 0.95 0.00	20.79 0.95 0.00	21.40 1.04 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.29 1.25 0.00	32.28 1.51 0.00	43.79 2.28 0.00	51.27 2.39 0.00	46.62 1.79 0.00	44.63 2.41 0.00	35.36 1.68 0.00	30.31 1.39 0.00	27.26 1.25 0.00
NARROWS_GT1_4 24231	29.87 1.23 0.00	27.39 1.10 0.00	24.94 0.98 0.00	23.65 0.91 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.77 0.93 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.93 0.98 0.00	20.26 0.95 0.00	20.79 0.95 0.00	21.40 1.04 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.29 1.25 0.00	32.28 1.51 0.00	43.79 2.28 0.00	51.27 2.39 0.00	46.62 1.79 0.00	44.63 2.41 0.00	35.36 1.68 0.00	30.31 1.39 0.00	27.26 1.25 0.00
NARROWS_GT1_5 24232	29.87 1.23 0.00	27.39 1.10 0.00	24.94 0.98 0.00	23.65 0.91 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.77 0.93 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.93 0.98 0.00	20.26 0.95 0.00	20.79 0.95 0.00	21.40 1.04 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.29 1.25 0.00	32.28 1.51 0.00	43.79 2.28 0.00	51.27 2.39 0.00	46.62 1.79 0.00	44.63 2.41 0.00	35.36 1.68 0.00	30.31 1.39 0.00	27.26 1.25 0.00

NARROWS_GT1_6 24233	29.87 1.23 0.00	27.39 1.10 0.00	24.94 0.98 0.00	23.65 0.91 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.77 0.93 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.93 0.98 0.00	20.26 0.95 0.00	20.79 0.95 0.00	21.40 1.04 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.29 1.25 0.00	32.28 1.51 0.00	43.79 2.28 0.00	51.27 2.39 0.00	46.62 1.79 0.00	44.63 2.41 0.00	35.36 1.68 0.00	30.31 1.39 0.00	27.26 1.25 0.00
NARROWS_GT1_7 24234	29.87 1.23 0.00	27.39 1.10 0.00	24.94 0.98 0.00	23.65 0.91 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.77 0.93 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.93 0.98 0.00	20.26 0.95 0.00	20.79 0.95 0.00	21.40 1.04 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.29 1.25 0.00	32.28 1.51 0.00	43.79 2.28 0.00	51.27 2.39 0.00	46.62 1.79 0.00	44.63 2.41 0.00	35.36 1.68 0.00	30.31 1.39 0.00	27.26 1.25 0.00
NARROWS_GT1_8 24235	29.87 1.23 0.00	27.39 1.10 0.00	24.94 0.98 0.00	23.65 0.91 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.77 0.93 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.93 0.98 0.00	20.26 0.95 0.00	20.79 0.95 0.00	21.40 1.04 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.29 1.25 0.00	32.28 1.51 0.00	43.79 2.28 0.00	51.27 2.39 0.00	46.62 1.79 0.00	44.63 2.41 0.00	35.36 1.68 0.00	30.31 1.39 0.00	27.26 1.25 0.00
NARROWS_GT2_1 24236	29.87 1.23 0.00	27.39 1.10 0.00	24.94 0.98 0.00	23.65 0.91 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.77 0.93 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.93 0.98 0.00	20.26 0.95 0.00	20.79 0.95 0.00	21.40 1.04 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.29 1.25 0.00	32.28 1.51 0.00	43.79 2.28 0.00	51.27 2.39 0.00	46.62 1.79 0.00	44.63 2.41 0.00	35.36 1.68 0.00	30.31 1.39 0.00	27.26 1.25 0.00
NARROWS_GT2_2 24237	29.87 1.23 0.00	27.39 1.10 0.00	24.94 0.98 0.00	23.65 0.91 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.77 0.93 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.93 0.98 0.00	20.26 0.95 0.00	20.79 0.95 0.00	21.40 1.04 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.29 1.25 0.00	32.28 1.51 0.00	43.79 2.28 0.00	51.27 2.39 0.00	46.62 1.79 0.00	44.63 2.41 0.00	35.36 1.68 0.00	30.31 1.39 0.00	27.26 1.25 0.00
NARROWS_GT2_3 24238	29.87 1.23 0.00	27.39 1.10 0.00	24.94 0.98 0.00	23.65 0.91 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.77 0.93 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.93 0.98 0.00	20.26 0.95 0.00	20.79 0.95 0.00	21.40 1.04 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.29 1.25 0.00	32.28 1.51 0.00	43.79 2.28 0.00	51.27 2.39 0.00	46.62 1.79 0.00	44.63 2.41 0.00	35.36 1.68 0.00	30.31 1.39 0.00	27.26 1.25 0.00
NARROWS_GT2_4 24239	29.87 1.23 0.00	27.39 1.10 0.00	24.94 0.98 0.00	23.65 0.91 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.77 0.93 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.93 0.98 0.00	20.26 0.95 0.00	20.79 0.95 0.00	21.40 1.04 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.29 1.25 0.00	32.28 1.51 0.00	43.79 2.28 0.00	51.27 2.39 0.00	46.62 1.79 0.00	44.63 2.41 0.00	35.36 1.68 0.00	30.31 1.39 0.00	27.26 1.25 0.00
NARROWS_GT2_5 24240	29.87 1.23 0.00	27.39 1.10 0.00	24.94 0.98 0.00	23.65 0.91 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.77 0.93 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.93 0.98 0.00	20.26 0.95 0.00	20.79 0.95 0.00	21.40 1.04 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.29 1.25 0.00	32.28 1.51 0.00	43.79 2.28 0.00	51.27 2.39 0.00	46.62 1.79 0.00	44.63 2.41 0.00	35.36 1.68 0.00	30.31 1.39 0.00	27.26 1.25 0.00
NARROWS_GT2_6 24241	29.87 1.23 0.00	27.39 1.10 0.00	24.94 0.98 0.00	23.65 0.91 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.77 0.93 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.93 0.98 0.00	20.26 0.95 0.00	20.79 0.95 0.00	21.40 1.04 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.29 1.25 0.00	32.28 1.51 0.00	43.79 2.28 0.00	51.27 2.39 0.00	46.62 1.79 0.00	44.63 2.41 0.00	35.36 1.68 0.00	30.31 1.39 0.00	27.26 1.25 0.00
NARROWS_GT2_7 24242	29.87 1.23 0.00	27.39 1.10 0.00	24.94 0.98 0.00	23.65 0.91 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.77 0.93 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.93 0.98 0.00	20.26 0.95 0.00	20.79 0.95 0.00	21.40 1.04 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.29 1.25 0.00	32.28 1.51 0.00	43.79 2.28 0.00	51.27 2.39 0.00	46.62 1.79 0.00	44.63 2.41 0.00	35.36 1.68 0.00	30.31 1.39 0.00	27.26 1.25 0.00
NARROWS_GT2_8 24243	29.87 1.23 0.00	27.39 1.10 0.00	24.94 0.98 0.00	23.65 0.91 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.77 0.93 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.93 0.98 0.00	20.26 0.95 0.00	20.79 0.95 0.00	21.40 1.04 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.29 1.25 0.00	32.28 1.51 0.00	43.79 2.28 0.00	51.27 2.39 0.00	46.62 1.79 0.00	44.63 2.41 0.00	35.36 1.68 0.00	30.31 1.39 0.00	27.26 1.25 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.21 0.57 0.00	26.84 0.55 0.00	24.53 0.57 0.00	23.31 0.57 0.00	22.97 0.54 0.00	23.47 0.55 0.00	26.38 0.54 0.00	25.62 0.30 0.00	24.07 0.12 0.00	19.97 0.02 0.00	19.24 -0.08 0.00	19.64 -0.20 0.00	20.18 -0.18 0.00	21.91 -0.18 0.00	21.99 -0.13 0.00	26.04 0.00 0.00	30.96 0.18 0.00	42.05 0.54 0.00	50.00 1.12 0.00	45.81 0.99 0.00	43.11 0.89 0.00	34.28 0.61 0.00	29.50 0.58 0.00	26.51 0.49 0.00
NCHELSEA_115KV_TR2 355582	29.67 1.03 0.00	27.21 0.92 0.00	24.77 0.81 0.00	23.49 0.75 0.00	23.19 0.76 0.00	23.72 0.80 0.00	26.75 0.90 0.00	26.13 0.81 0.00	24.71 0.77 0.00	20.65 0.70 0.00	19.97 0.66 0.00	20.45 0.61 0.00	21.07 0.71 0.00	22.84 0.75 0.00	22.90 0.77 0.00	26.98 0.94 0.00	31.91 1.14 0.00	43.05 1.54 0.00	50.78 1.91 0.00	46.44 1.61 0.00	44.04 1.82 0.00	35.02 1.35 0.00	30.04 1.13 0.00	26.97 0.96 0.00
NEG CAPITAL___MECHNVIL 23645	29.75 1.12 0.00	27.31 1.02 0.00	24.94 0.98 0.00	23.69 0.95 0.00	23.33 0.90 0.00	23.83 0.92 0.00	26.85 1.01 0.00	26.20 0.89 0.00	24.62 0.67 0.00	20.43 0.48 0.00	19.64 0.33 0.00	20.06 0.22 0.00	20.54 0.18 0.00	22.33 0.24 0.00	22.41 0.29 0.00	26.48 0.44 0.00	31.51 0.74 0.00	42.80 1.29 0.00	50.78 1.90 0.00	46.75 1.93 0.00	44.00 1.77 0.00	35.06 1.38 0.00	30.07 1.16 0.00	26.97 0.96 0.00
NEG CENTRAL_HIGH_ACRES 23767	27.61 -1.03 0.00	25.42 -0.87 0.00	23.14 -0.81 0.00	21.94 -0.80 0.00	21.71 -0.72 0.00	22.14 -0.78 0.00	25.20 -0.65 0.00	24.71 -0.61 0.00	23.32 -0.62 0.00	19.46 -0.50 0.00	18.85 -0.46 0.00	19.48 -0.36 0.00	20.00 -0.37 0.00	21.72 -0.38 -0.01	21.70 -0.42 0.00	22.60 -0.52 2.92	30.37 -0.62 -0.22	37.39 -0.83 3.29	39.19 -0.98 8.71	38.91 -0.94 4.97	31.52 -0.89 9.81	27.55 -0.74 5.38	28.57 -0.55 -0.20	25.83 -0.36 -0.18

NEG CENTRAL___DRP 24199	28.64 0.00 0.00	26.32 0.03 0.00	23.93 -0.02 0.00	22.69 -0.05 0.00	22.41 -0.02 0.00	22.89 -0.02 0.00	25.87 0.03 0.00	25.49 0.18 0.00	24.04 0.10 0.00	20.09 0.02 -0.11	19.69 -0.02 -0.39	20.37 0.14 -0.39	20.48 0.12 0.00	22.31 0.20 -0.02	22.95 0.18 -0.65	30.85 0.21 -4.61	35.89 0.31 -4.81	48.69 0.46 -6.72	52.04 0.59 -2.58	51.80 0.45 -6.52	43.88 0.34 -1.31	39.24 0.30 -5.26	33.73 0.29 -4.53	26.68 0.31 -0.35
NEG CENTRAL___INDECK 23768	28.72 0.09 0.00	26.42 0.13 0.00	24.03 0.07 0.00	22.74 0.00 0.00	22.52 0.09 0.00	22.92 0.00 0.00	26.18 0.34 0.00	25.68 0.35 0.00	24.09 0.14 0.00	19.97 0.02 0.00	19.26 -0.06 0.00	20.00 0.16 0.00	20.50 0.14 0.00	22.37 0.27 -0.01	22.30 0.18 0.00	24.50 0.23 1.77	31.89 0.34 -0.78	40.50 0.75 1.76	43.55 1.22 6.55	42.71 1.07 3.19	35.57 0.89 7.54	30.76 0.64 3.56	30.32 0.67 -0.74	26.93 0.73 -0.19
NEG CENTRAL___SENECA 23627	28.81 0.17 0.00	26.47 0.18 0.00	24.08 0.12 0.00	22.83 0.09 0.00	22.54 0.11 0.00	23.01 0.09 0.00	26.02 0.18 0.00	25.70 0.38 0.00	24.21 0.26 0.00	20.09 0.14 0.00	19.41 0.10 0.00	20.14 0.30 0.00	20.65 0.29 0.00	22.48 0.38 -0.02	22.48 0.35 0.00	28.70 0.42 -2.25	34.98 0.58 -3.62	46.24 0.79 -3.94	49.23 0.98 0.62	48.49 0.81 -2.86	41.21 0.63 1.65	36.76 0.61 -2.48	32.85 0.52 -3.41	26.87 0.55 -0.31
NEG CENTRAL___STATE_STREET 24147	28.49 -0.14 0.00	26.18 -0.11 0.00	23.84 -0.12 0.00	22.60 -0.14 0.00	22.32 -0.11 0.00	22.82 -0.09 0.00	25.76 -0.08 0.00	25.34 0.03 0.00	23.92 -0.02 0.00	20.01 -0.06 -0.12	19.64 -0.08 -0.41	20.26 0.02 -0.41	20.38 0.02 0.00	22.18 0.07 -0.02	22.86 0.07 -0.67	30.93 0.08 -4.82	35.93 0.12 -5.03	48.84 0.29 -7.03	51.96 0.39 -2.69	51.96 0.31 -6.82	43.81 0.21 -1.38	39.31 0.13 -5.51	33.77 0.12 -4.74	26.51 0.13 -0.37
NEG MILLWOOD___DRP 24198	29.78 1.15 0.00	27.32 1.03 0.00	24.87 0.91 0.00	23.56 0.82 0.00	23.24 0.81 0.00	23.79 0.87 0.00	26.82 0.98 0.00	26.23 0.91 0.00	24.83 0.89 0.00	20.75 0.80 0.00	20.07 0.75 0.00	20.57 0.73 0.00	21.20 0.83 0.00	22.95 0.86 0.00	22.98 0.86 0.00	27.08 1.04 0.00	32.06 1.29 0.00	43.30 1.79 0.00	50.98 2.10 0.00	46.66 1.84 0.00	44.21 1.98 0.00	35.16 1.48 0.00	30.13 1.21 0.00	27.05 1.04 0.00
NEG NORTH_FLCN_SEA 23793	29.81 1.17 0.00	27.34 1.05 0.00	24.94 0.98 0.00	23.69 0.96 0.00	23.44 1.01 0.00	23.99 1.08 0.00	27.06 1.21 0.00	26.53 1.22 0.00	25.14 1.20 0.00	21.46 1.06 -0.44	21.91 1.08 -1.51	22.47 1.11 -1.52	21.51 1.14 -0.01	23.28 1.19 0.00	25.90 1.26 -2.51	29.51 1.41 -2.06	32.43 1.66 0.00	44.59 2.16 -0.92	52.13 2.05 -1.20	49.90 1.61 -3.46	43.33 0.93 -0.17	34.21 0.54 0.00	29.18 0.26 0.00	26.19 0.18 0.00
NEG NORTH_KES_CHATEGAY 23792	29.32 0.69 0.00	26.89 0.60 0.00	24.53 0.57 0.00	23.29 0.55 0.00	23.04 0.61 0.00	23.56 0.64 0.00	26.56 0.72 0.00	26.05 0.73 0.00	24.69 0.74 0.00	21.46 0.64 -0.86	22.91 0.66 -2.94	23.47 0.67 -2.95	21.06 0.69 -0.01	22.80 0.71 0.00	27.79 0.77 -4.90	30.91 0.86 -4.02	31.82 1.05 0.00	44.67 1.37 -1.78	52.49 1.27 -2.34	52.56 0.99 -6.75	42.98 0.42 -0.33	33.84 0.17 0.00	28.92 0.00 0.00	25.96 -0.05 0.00
NEG NORTH___ALICE_FALLS 23915	29.81 1.17 0.00	27.34 1.05 0.00	24.94 0.98 0.00	23.69 0.96 0.00	23.42 0.99 0.00	23.97 1.05 0.00	27.03 1.19 0.00	26.53 1.22 0.00	25.14 1.20 0.00	21.53 1.06 -0.52	22.17 1.08 -1.77	22.71 1.09 -1.78	21.49 1.12 -0.01	23.26 1.17 0.00	26.33 1.26 -2.95	29.86 1.41 -2.42	32.46 1.69 0.00	44.79 2.20 -1.07	52.39 2.10 -1.41	50.59 1.70 -4.06	43.44 1.01 -0.20	34.31 0.64 0.00	29.26 0.35 0.00	26.24 0.23 0.00
NEG NORTH___LWR_SARANAC 23913	29.81 1.17 0.00	27.34 1.05 0.00	24.94 0.98 0.00	23.69 0.96 0.00	23.42 0.99 0.00	23.97 1.05 0.00	27.03 1.19 0.00	26.53 1.22 0.00	25.14 1.20 0.00	21.53 1.06 -0.52	22.17 1.08 -1.77	22.71 1.09 -1.78	21.49 1.12 -0.01	23.26 1.17 0.00	26.33 1.26 -2.95	29.86 1.41 -2.42	32.46 1.69 0.00	44.79 2.20 -1.07	52.39 2.10 -1.41	50.59 1.70 -4.06	43.44 1.01 -0.20	34.31 0.64 0.00	29.26 0.35 0.00	26.24 0.23 0.00
NEG NORTH___PLATTSBURG 23628	29.81 1.17 0.00	27.34 1.05 0.00	24.94 0.98 0.00	23.69 0.95 0.00	23.44 1.01 0.00	23.99 1.08 0.00	27.06 1.21 0.00	26.53 1.22 0.00	25.14 1.20 0.00	21.53 1.06 -0.52	22.17 1.08 -1.77	22.72 1.11 -1.78	21.51 1.14 -0.01	23.26 1.17 0.00	26.33 1.26 -2.95	29.86 1.41 -2.42	32.46 1.69 0.00	44.78 2.20 -1.07	52.63 2.35 -1.41	50.59 1.70 -4.06	43.44 1.01 -0.20	34.31 0.64 0.00	29.27 0.35 0.00	26.24 0.23 0.00
NEG WEST_LEA_LOCKPORT 23791	27.35 -1.29 0.00	25.24 -1.05 0.00	23.17 -0.79 0.00	21.90 -0.84 0.00	21.60 -0.83 0.00	21.86 -1.05 0.00	24.65 -1.19 0.00	24.66 -0.66 0.00	23.28 -0.67 0.00	19.53 -0.42 0.00	18.95 -0.37 0.00	19.78 -0.06 0.00	20.24 -0.12 0.00	22.05 -0.04 -0.01	21.57 -0.55 0.00	22.35 -0.83 2.86	29.65 -1.23 -0.11	36.30 -1.95 3.26	37.75 -2.79 8.33	37.29 -2.69 4.84	30.70 -2.15 9.37	26.89 -1.55 5.23	27.92 -1.10 -0.10	25.89 -0.29 -0.17
NEG WEST___LANCASTR 23811	27.43 -1.20 0.00	25.32 -0.97 0.00	23.09 -0.86 0.00	21.81 -0.93 0.00	21.49 -0.94 0.00	21.75 -1.17 0.00	24.52 -1.32 0.00	24.41 -0.91 0.00	23.04 -0.91 0.00	19.30 -0.66 0.00	18.70 -0.62 0.00	19.56 -0.28 0.00	20.04 -0.33 0.00	21.92 -0.18 -0.01	21.57 -0.55 0.00	22.99 -0.78 2.27	30.01 -1.20 -0.44	37.11 -1.95 2.45	38.76 -2.83 7.28	38.16 -2.73 3.93	31.80 -2.15 8.28	27.79 -1.58 4.30	28.17 -1.16 -0.41	25.77 -0.42 -0.17
NEG_PENN_ALLEGHNY 23528	28.69 0.06 0.00	26.40 0.11 0.00	24.00 0.05 0.00	22.74 0.00 0.00	22.48 0.04 0.00	22.89 -0.02 0.00	25.92 0.08 0.00	25.42 0.10 0.00	24.02 0.07 0.00	19.99 0.04 0.00	19.33 0.02 0.00	19.98 0.14 0.00	20.50 0.14 0.00	22.28 0.18 -0.01	22.26 0.13 0.00	27.37 0.13 -1.20	33.14 0.09 -2.28	43.83 0.08 -2.23	47.92 0.05 1.00	46.31 0.04 -1.44	40.72 0.21 1.72	34.98 0.14 -1.17	31.24 0.17 -2.15	26.45 0.23 -0.21
NEG___GEN_MONROE 24207	28.18 -0.46 0.00	25.92 -0.37 0.00	23.65 -0.31 0.00	22.44 -0.30 0.00	22.14 -0.29 0.00	22.59 -0.32 0.00	25.50 -0.34 0.00	25.24 -0.08 0.00	23.80 -0.14 0.00	19.87 -0.08 0.00	19.24 -0.08 0.00	19.92 0.08 0.00	20.42 0.06 0.00	22.21 0.11 -0.01	22.03 -0.09 0.00	22.45 -0.13 3.46	30.43 -0.15 0.19	37.24 -0.21 4.07	38.92 -0.49 9.47	38.59 -0.45 5.78	31.29 -0.38 10.56	27.22 -0.27 6.19	28.68 -0.06 0.18	26.46 0.29 -0.16
NEPA___ENERGY 23901	27.80 -0.83 0.00	25.63 -0.66 0.00	23.36 -0.60 0.00	22.06 -0.68 0.00	21.74 -0.70 0.00	22.00 -0.92 0.00	24.81 -1.03 0.00	24.74 -0.58 0.00	23.32 -0.62 0.00	19.53 -0.42 0.00	18.93 -0.39 0.00	19.82 -0.02 0.00	20.30 -0.06 0.00	22.21 0.11 -0.01	21.88 -0.24 0.00	23.39 -0.42 2.24	30.42 -0.80 -0.45	37.64 -1.45 2.42	39.35 -2.30 7.23	38.66 -2.29 3.88	32.36 -1.65 8.22	28.24 -1.18 4.25	28.53 -0.81 -0.42	26.00 -0.18 -0.17

NEVERSINK___HYD 23608	29.47 0.83 0.00	27.03 0.74 0.00	24.60 0.65 0.00	23.33 0.59 0.00	23.01 0.58 0.00	23.56 0.64 0.00	26.54 0.70 0.00	25.95 0.63 0.00	24.55 0.60 0.00	20.47 0.52 0.00	19.80 0.48 0.00	20.29 0.46 0.00	20.89 0.53 0.00	22.64 0.55 0.00	22.70 0.57 0.00	26.77 0.73 0.00	31.73 0.95 0.00	42.88 1.37 0.00	50.49 1.61 0.00	46.26 1.43 0.00	43.83 1.60 0.00	34.82 1.15 0.00	29.84 0.93 0.00	26.82 0.81 0.00
NEWKRMKL_115KV_TB1 55635	28.75 0.11 0.00	26.42 0.13 0.00	24.17 0.22 0.00	22.97 0.23 0.00	22.63 0.20 0.00	23.10 0.18 0.00	26.00 0.16 0.00	25.37 0.05 0.00	23.97 0.02 0.00	19.95 0.00 0.00	19.30 -0.02 0.00	19.72 -0.12 0.00	20.24 -0.12 0.00	21.98 -0.11 0.00	22.01 -0.11 0.00	25.96 -0.08 0.00	30.68 -0.09 0.00	41.39 -0.12 0.00	48.97 0.10 0.00	44.92 0.09 0.00	42.35 0.13 0.00	33.78 0.10 0.00	29.06 0.14 0.00	26.11 0.10 0.00
NEWTON___FALLS_HYD 23847	29.09 0.46 0.00	26.68 0.39 0.00	24.29 0.34 0.00	23.06 0.32 0.00	22.75 0.31 0.00	23.19 0.27 0.00	26.20 0.36 0.00	25.67 0.35 0.00	24.26 0.31 0.00	24.05 0.14 -3.96	32.93 0.14 -13.48	33.53 0.16 -13.53	20.49 0.08 -0.05	22.18 0.09 -0.01	44.73 0.18 -22.43	46.13 0.26 -19.83	32.77 0.31 -1.69	52.51 0.54 -10.46	61.09 0.68 -11.53	78.48 0.76 -32.89	44.70 0.51 -1.96	35.96 0.44 -1.85	30.86 0.35 -1.59	26.29 0.16 -0.12
NGRID_A1_DSASP 323792	26.97 -1.66 0.00	25.00 -1.29 0.00	22.81 -1.15 0.00	21.51 -1.23 0.00	21.33 -1.10 0.00	21.49 -1.42 0.00	24.68 -1.16 0.00	24.23 -1.09 0.00	22.85 -1.10 0.00	19.17 -0.78 0.00	18.58 -0.73 0.00	19.40 -0.44 0.00	19.87 -0.49 0.00	21.95 -0.15 -0.01	21.24 -0.89 0.00	21.92 -1.25 2.87	29.05 -1.82 -0.10	35.34 -2.95 3.23	36.99 -3.62 8.27	36.53 -3.50 4.80	30.23 -2.62 9.38	26.43 -1.99 5.26	27.55 -1.42 -0.05	25.84 -0.34 -0.17
NGRID_A2_DSASP 323793	26.97 -1.66 0.00	25.00 -1.29 0.00	22.81 -1.15 0.00	21.51 -1.23 0.00	21.33 -1.10 0.00	21.49 -1.42 0.00	24.68 -1.16 0.00	24.23 -1.09 0.00	22.85 -1.10 0.00	19.17 -0.78 0.00	18.58 -0.73 0.00	19.40 -0.44 0.00	19.87 -0.49 0.00	21.95 -0.15 -0.01	21.24 -0.89 0.00	21.92 -1.25 2.87	29.05 -1.82 -0.10	35.34 -2.95 3.23	36.99 -3.62 8.27	36.53 -3.50 4.80	30.23 -2.62 9.38	26.43 -1.99 5.26	27.55 -1.42 -0.05	25.84 -0.34 -0.17
NGRID_A4_DSASP 323807	26.97 -1.66 0.00	25.00 -1.29 0.00	22.81 -1.15 0.00	21.51 -1.23 0.00	21.33 -1.10 0.00	21.49 -1.42 0.00	24.68 -1.16 0.00	24.23 -1.09 0.00	22.85 -1.10 0.00	19.17 -0.78 0.00	18.58 -0.73 0.00	19.40 -0.44 0.00	19.87 -0.49 0.00	21.95 -0.15 -0.01	21.24 -0.89 0.00	21.92 -1.25 2.87	29.05 -1.82 -0.10	35.34 -2.95 3.23	36.99 -3.62 8.27	36.53 -3.50 4.80	30.23 -2.62 9.38	26.43 -1.99 5.26	27.55 -1.42 -0.05	25.84 -0.34 -0.17
NIAGARA_115E_LBMP 323715	27.23 -1.40 0.00	25.29 -1.00 0.00	23.07 -0.89 0.00	21.74 -1.00 0.00	21.58 -0.85 0.00	21.70 -1.22 0.00	24.94 -0.91 0.00	24.49 -0.83 0.00	23.09 -0.86 0.00	19.42 -0.54 0.00	18.81 -0.50 0.00	19.66 -0.18 0.00	20.10 -0.27 0.00	21.72 -0.38 -0.01	21.26 -0.86 0.00	21.98 -1.25 2.81	29.12 -1.79 -0.13	35.49 -2.82 3.20	37.17 -3.47 8.24	36.65 -3.41 4.77	30.34 -2.62 9.27	26.54 -1.99 5.15	27.59 -1.45 -0.12	25.55 -0.62 -0.17
NIAGARA_115W_LBMP 323714	26.89 -1.75 0.00	24.92 -1.37 0.00	22.76 -1.20 0.00	21.44 -1.30 0.00	21.26 -1.17 0.00	21.47 -1.44 0.00	24.60 -1.24 0.00	24.18 -1.14 0.00	22.80 -1.15 0.00	19.13 -0.82 0.00	18.54 -0.77 0.00	19.36 -0.48 0.00	19.81 -0.55 0.00	21.90 -0.20 -0.01	21.19 -0.93 0.00	21.83 -1.33 2.88	28.96 -1.91 -0.09	35.24 -3.03 3.24	36.83 -3.76 8.28	36.38 -3.63 4.81	30.09 -2.74 9.39	26.35 -2.06 5.27	27.46 -1.50 -0.05	25.81 -0.36 -0.17
NIAGARA_230_LBMP 323716	27.32 -1.32 0.00	25.32 -0.97 0.00	23.10 -0.86 0.00	21.79 -0.95 0.00	21.60 -0.83 0.00	21.79 -1.12 0.00	24.99 -0.85 0.00	24.54 -0.79 0.00	23.13 -0.81 0.00	19.42 -0.54 0.00	18.81 -0.50 0.00	19.62 -0.22 0.00	20.10 -0.27 0.00	21.95 -0.15 -0.01	21.48 -0.64 0.00	22.20 -0.94 2.90	29.40 -1.45 -0.07	35.82 -2.36 3.33	37.50 -2.98 8.39	37.00 -2.91 4.91	30.71 -2.11 9.41	26.81 -1.58 5.29	27.89 -1.10 -0.07	25.84 -0.34 -0.16
NIAGARA___115KV_198_GIBSON 55903	27.17 -1.46 0.00	25.08 -1.21 0.00	22.66 -1.29 0.00	21.44 -1.30 0.00	21.15 -1.28 0.00	21.45 -1.47 0.00	24.14 -1.71 0.00	24.18 -1.14 0.00	22.80 -1.15 0.00	19.10 -0.86 0.00	18.54 -0.77 0.00	19.34 -0.50 0.00	19.81 -0.55 0.00	21.94 -0.15 -0.01	21.19 -0.93 0.00	21.83 -1.33 2.88	29.02 -1.85 -0.09	35.41 -2.86 3.24	36.68 -3.91 8.28	36.29 -3.72 4.81	29.84 -3.00 9.39	26.29 -2.12 5.27	27.40 -1.56 -0.05	25.81 -0.36 -0.17
NIAGARA____ 23760	27.32 -1.32 0.00	25.32 -0.97 0.00	23.10 -0.86 0.00	21.79 -0.95 0.00	21.60 -0.83 0.00	21.79 -1.12 0.00	24.99 -0.85 0.00	24.54 -0.79 0.00	23.13 -0.81 0.00	19.42 -0.54 0.00	18.81 -0.50 0.00	19.62 -0.22 0.00	20.10 -0.27 0.00	21.95 -0.15 -0.01	21.48 -0.64 0.00	22.25 -0.94 2.85	29.43 -1.45 -0.11	35.90 -2.36 3.25	37.59 -2.98 8.30	37.08 -2.91 4.83	30.77 -2.11 9.35	26.88 -1.58 5.21	27.91 -1.10 -0.09	25.84 -0.34 -0.17
NINE_MILE_1 23575	27.78 -0.86 0.00	25.53 -0.76 0.00	23.26 -0.70 0.00	22.06 -0.68 0.00	21.78 -0.65 0.00	22.25 -0.67 0.00	25.12 -0.72 0.00	24.60 -0.68 0.04	23.28 -0.67 0.00	19.39 -0.56 0.00	18.77 -0.54 0.00	19.32 -0.52 0.00	19.81 -0.55 0.00	21.40 -0.57 0.12	21.53 -0.60 0.00	-72.27 -0.70 97.61	-32.86 -0.86 62.77	-95.70 -1.16 136.05	-108.30 -1.32 155.86	-104.76 -1.21 148.38	-116.98 -1.14 158.07	-116.46 -0.94 149.19	-30.96 -0.75 59.13	23.14 -0.65 2.22
NINE_MILE_2 23744	27.78 -0.86 0.00	25.53 -0.76 0.00	23.26 -0.70 0.00	22.06 -0.68 0.00	21.78 -0.65 0.00	22.25 -0.67 0.00	25.12 -0.72 0.00	24.60 -0.68 0.04	23.28 -0.67 0.00	19.39 -0.56 0.00	18.77 -0.54 0.00	19.32 -0.52 0.00	19.81 -0.55 0.00	21.40 -0.57 0.12	21.53 -0.60 0.00	-73.76 -0.70 99.10	-33.85 -0.86 63.76	-97.79 -1.16 138.14	-110.62 -1.32 158.18	-107.02 -1.21 150.64	-119.32 -1.14 160.41	-118.72 -0.94 151.46	-31.89 -0.75 60.06	23.10 -0.65 2.26
NM_CAPITAL___DRP 24208	28.81 0.17 0.00	26.50 0.21 0.00	24.22 0.26 0.00	23.01 0.27 0.00	22.68 0.25 0.00	23.17 0.25 0.00	26.05 0.21 0.00	25.42 0.10 0.00	24.02 0.07 0.00	19.99 0.04 0.00	19.35 0.04 0.00	19.78 -0.06 0.00	20.30 -0.06 0.00	22.02 -0.07 0.00	22.08 -0.04 0.00	26.01 -0.03 0.00	30.74 -0.03 0.00	41.47 -0.04 0.00	49.12 0.24 0.00	45.05 0.22 0.00	42.44 0.21 0.00	33.88 0.20 0.00	29.12 0.20 0.00	26.17 0.16 0.00
NM_CENTRAL___DRP 24181	28.26 -0.37 0.00	25.97 -0.32 0.00	23.65 -0.31 0.00	22.44 -0.30 0.00	22.14 -0.29 0.00	22.62 -0.30 0.00	25.53 -0.31 0.00	25.09 -0.23 0.00	23.71 -0.24 0.00	19.91 -0.22 -0.17	19.67 -0.23 -0.59	20.27 -0.16 -0.59	20.20 -0.16 0.00	21.95 -0.15 -0.02	22.94 -0.15 -0.98	27.89 -0.21 -2.06	33.51 -0.28 -3.01	44.02 -0.42 -2.92	46.59 -0.49 1.80	47.06 -0.45 -2.69	38.54 -0.42 3.27	34.25 -0.37 -0.95	31.49 -0.26 -2.84	26.15 -0.16 -0.29

NM_FRONTIER___DRP 24179	27.17 -1.46 0.00	25.08 -1.21 0.00	22.66 -1.29 0.00	21.44 -1.30 0.00	21.15 -1.28 0.00	21.45 -1.47 0.00	24.14 -1.71 0.00	24.18 -1.14 0.00	22.80 -1.15 0.00	19.10 -0.86 0.00	18.54 -0.77 0.00	19.34 -0.50 0.00	19.81 -0.55 0.00	21.94 -0.15 -0.01	21.19 -0.93 0.00	21.83 -1.33 2.88	29.02 -1.85 -0.09	35.41 -2.86 3.24	36.68 -3.91 8.28	36.29 -3.72 4.81	29.84 -3.00 9.39	26.29 -2.12 5.27	27.40 -1.56 -0.05	25.81 -0.36 -0.17
NM_ST_REGIS___HYD 24053	29.35 0.72 0.00	26.92 0.63 0.00	24.53 0.57 0.00	23.29 0.55 0.00	22.99 0.56 0.00	23.49 0.57 0.00	26.51 0.67 0.00	25.98 0.66 0.00	24.59 0.65 0.00	25.53 0.50 -5.08	37.12 0.52 -17.28	37.72 0.54 -17.35	20.88 0.45 -0.07	22.53 0.44 0.00	51.44 0.55 -28.76	50.95 0.62 -24.29	32.40 0.80 -0.83	54.18 1.08 -11.59	64.11 1.08 -14.16	86.45 1.03 -40.60	45.02 0.63 -2.16	35.12 0.54 -0.90	30.07 0.38 -0.78	26.33 0.26 -0.06
NORTHPORT___1 23551	29.49 0.86 0.00	26.92 0.63 0.00	24.44 0.48 0.00	23.24 0.50 0.00	22.93 0.49 0.00	23.42 0.50 0.00	26.33 0.49 0.00	25.90 0.58 0.00	24.57 0.62 0.00	20.51 0.56 0.00	20.09 0.77 0.00	20.49 0.65 0.00	21.11 0.75 0.00	22.97 0.88 0.00	23.12 1.00 0.00	27.16 1.12 0.00	32.16 1.39 0.00	42.25 0.75 0.01	49.31 0.44 0.01	45.27 0.45 0.00	43.02 0.80 0.01	35.09 1.41 0.00	30.04 1.13 0.00	26.90 0.88 0.00
NORTHPORT___2 23552	29.49 0.86 0.00	26.92 0.63 0.00	24.44 0.48 0.00	23.24 0.50 0.00	22.93 0.49 0.00	23.42 0.50 0.00	26.33 0.49 0.00	25.90 0.58 0.00	24.57 0.62 0.00	20.51 0.56 0.00	20.09 0.77 0.00	20.49 0.65 0.00	21.11 0.75 0.00	22.97 0.88 0.00	23.12 1.00 0.00	27.16 1.12 0.00	32.16 1.39 0.00	42.25 0.75 0.01	49.31 0.44 0.01	45.27 0.45 0.00	43.02 0.80 0.01	35.09 1.41 0.00	30.04 1.13 0.00	26.90 0.88 0.00
NORTHPORT___3 23553	29.38 0.74 0.00	26.82 0.53 0.00	24.34 0.38 0.00	23.13 0.39 0.00	22.84 0.40 0.00	23.33 0.41 0.00	26.25 0.41 0.00	25.80 0.48 0.00	24.47 0.53 0.00	20.43 0.48 0.00	20.01 0.69 0.00	20.43 0.59 0.00	21.05 0.69 0.00	22.88 0.79 0.00	23.01 0.89 0.00	27.05 1.01 0.00	31.97 1.20 0.00	41.92 0.42 0.01	48.87 0.00 0.01	44.87 0.04 0.00	42.60 0.38 0.01	34.85 1.18 0.00	29.90 0.98 0.00	26.77 0.75 0.00
NORTHPORT___4 23650	29.38 0.74 0.00	26.82 0.53 0.00	24.34 0.38 0.00	23.13 0.39 0.00	22.84 0.40 0.00	23.33 0.41 0.00	26.25 0.41 0.00	25.80 0.48 0.00	24.47 0.53 0.00	20.43 0.48 0.00	20.01 0.69 0.00	20.43 0.59 0.00	21.05 0.69 0.00	22.88 0.79 0.00	23.01 0.89 0.00	27.05 1.01 0.00	31.97 1.20 0.00	41.92 0.42 0.01	48.87 0.00 0.01	44.87 0.04 0.00	42.60 0.38 0.01	34.85 1.18 0.00	29.90 0.98 0.00	26.77 0.75 0.00
NORTHPORT___IC 23718	29.49 0.86 0.00	26.92 0.63 0.00	24.44 0.48 0.00	23.19 0.45 0.00	22.95 0.52 0.00	23.40 0.48 0.00	26.44 0.59 0.00	25.90 0.58 0.00	24.57 0.62 0.00	20.51 0.56 0.00	20.09 0.77 0.00	20.49 0.65 0.00	21.11 0.75 0.00	22.97 0.88 0.00	23.12 1.00 0.00	27.16 1.12 0.00	32.16 1.38 0.00	42.17 0.66 0.01	49.50 0.64 0.01	45.41 0.58 0.00	43.11 0.89 0.01	35.19 1.52 0.00	30.07 1.16 0.00	26.90 0.88 0.00
NORTH___COUNTRY_ESR 323785	29.26 0.63 0.00	26.84 0.55 0.00	24.46 0.50 0.00	23.24 0.50 0.00	22.99 0.56 0.00	23.53 0.62 0.00	26.51 0.67 0.00	26.00 0.68 0.00	24.64 0.69 0.00	21.45 0.62 -0.87	22.92 0.64 -2.97	23.48 0.65 -2.98	21.04 0.67 -0.01	22.78 0.69 0.00	27.80 0.73 -4.95	30.91 0.81 -4.06	31.76 0.98 0.00	44.60 1.29 -1.80	52.56 1.32 -2.37	52.54 0.90 -6.82	42.86 0.30 -0.33	33.78 0.10 0.00	28.86 -0.06 0.00	25.88 -0.13 0.00
NPX_GEN_1385_PROXY 323591	29.49 0.86 0.00	26.92 0.63 0.00	24.44 0.48 0.00	23.24 0.50 0.00	22.93 0.49 0.00	23.42 0.50 0.00	26.33 0.49 0.00	25.90 0.58 0.00	24.57 0.62 0.00	20.51 0.56 0.00	20.09 0.77 0.00	20.49 0.65 0.00	21.11 0.75 0.00	22.97 0.88 0.00	23.12 1.00 0.00	27.16 1.12 0.00	32.16 1.39 0.00	42.25 0.75 0.01	49.31 0.44 0.01	45.27 0.45 0.00	43.02 0.80 0.01	35.09 1.41 0.00	30.04 1.13 0.00	26.90 0.88 0.00
NPX_GEN_CSC 323557	29.15 0.52 0.00	26.58 0.29 0.00	24.13 0.17 0.00	22.97 0.23 0.00	22.68 0.25 0.00	23.17 0.25 0.00	26.00 0.16 0.00	25.65 0.33 0.00	24.26 0.31 0.00	20.23 0.28 0.00	19.85 0.54 0.00	20.21 0.38 0.00	20.83 0.47 0.00	22.69 0.60 0.00	22.85 0.73 0.00	26.87 0.83 0.00	31.88 1.11 0.00	42.09 0.58 0.01	49.16 0.30 0.01	45.18 0.36 0.00	42.85 0.63 0.01	34.88 1.21 0.00	29.73 0.81 0.00	26.58 0.57 0.00
NSINS_S_GLNS_FALLS 23858	30.10 1.46 0.00	27.63 1.34 0.00	25.25 1.29 0.00	23.97 1.23 0.00	23.60 1.17 0.00	24.11 1.19 0.00	27.18 1.34 0.00	26.48 1.16 0.00	24.81 0.86 0.00	20.57 0.62 0.00	19.59 0.27 0.00	19.96 0.12 0.00	20.40 0.04 0.00	22.20 0.11 0.00	22.30 0.18 0.00	26.43 0.39 0.00	31.54 0.77 0.00	43.22 1.70 0.00	51.47 2.59 0.00	47.47 2.64 0.00	44.63 2.41 0.00	35.56 1.89 0.00	30.48 1.56 0.00	27.29 1.27 0.00
NUCOR_STEEL___DRP 24197	28.52 -0.11 0.00	26.24 -0.05 0.00	23.86 -0.10 0.00	22.65 -0.09 0.00	22.36 -0.07 0.00	22.85 -0.07 0.00	25.79 -0.05 0.00	25.37 0.05 0.00	23.95 0.00 0.00	20.03 -0.04 -0.12	19.67 -0.06 -0.41	20.29 0.04 -0.41	20.38 0.02 0.00	22.18 0.07 -0.02	22.87 0.07 -0.69	31.04 0.08 -4.92	36.04 0.12 -5.14	48.95 0.25 -7.19	51.92 0.29 -2.75	52.01 0.22 -6.96	43.84 0.21 -1.41	39.44 0.13 -5.63	33.88 0.12 -4.84	26.54 0.16 -0.38
NUMBER_THREE_WT_PWR 323818	28.98 0.34 0.00	26.53 0.24 0.00	24.15 0.19 0.00	22.92 0.18 0.00	22.57 0.14 0.00	22.98 0.07 0.00	25.97 0.13 0.00	25.42 0.10 0.00	24.04 0.10 0.00	21.61 -0.06 -1.72	25.07 -0.10 -5.85	25.65 -0.06 -5.87	20.28 -0.10 -0.02	22.01 -0.09 -0.01	31.84 -0.02 -9.74	35.86 0.08 -9.74	33.00 0.15 -2.07	48.27 0.42 -6.34	55.25 0.73 -5.64	61.34 0.67 -15.84	43.94 0.51 -1.21	36.24 0.30 -2.27	31.13 0.26 -1.95	26.22 0.05 -0.15
NYISO_LBMP_REFERENCE 24008	28.64 0.00 0.00	26.29 0.00 0.00	23.96 0.00 0.00	22.74 0.00 0.00	22.43 0.00 0.00	22.92 0.00 0.00	25.84 0.00 0.00	25.32 0.00 0.00	23.95 0.00 0.00	19.95 0.00 0.00	19.31 0.00 0.00	19.84 0.00 0.00	20.36 0.00 0.00	22.09 0.00 0.00	22.12 0.00 0.00	26.04 0.00 0.00	30.77 0.00 0.00	41.51 0.00 0.00	48.88 0.00 0.00	44.83 0.00 0.00	42.23 0.00 0.00	33.67 0.00 0.00	28.92 0.00 0.00	26.01 0.00 0.00
NYPA_BRENTWD____GT 24164	29.72 1.09 0.00	27.11 0.82 0.00	24.60 0.65 0.00	23.38 0.64 0.00	23.08 0.65 0.00	23.58 0.66 0.00	26.51 0.67 0.00	26.08 0.76 0.00	24.74 0.79 0.00	20.63 0.68 0.00	20.24 0.93 0.00	20.65 0.81 0.00	21.26 0.89 0.00	23.15 1.06 0.00	23.29 1.17 0.00	27.39 1.35 0.00	32.43 1.66 0.00	42.83 1.33 0.01	49.99 1.13 0.01	45.95 1.12 0.00	43.57 1.35 0.01	35.46 1.78 0.00	30.28 1.36 0.00	27.10 1.09 0.00

NYPA_GOWANUS____GT5 24156	29.87 1.23 0.00	27.39 1.10 0.00	24.94 0.98 0.00	23.65 0.91 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.77 0.93 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.93 0.98 0.00	20.26 0.95 0.00	20.79 0.95 0.00	21.40 1.04 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.29 1.25 0.00	32.28 1.51 0.00	43.79 2.28 0.00	51.27 2.39 0.00	46.62 1.79 0.00	44.63 2.41 0.00	35.36 1.68 0.00	30.31 1.39 0.00	27.26 1.25 0.00
NYPA_GOWANUS____GT6 24157	29.87 1.23 0.00	27.39 1.10 0.00	24.94 0.98 0.00	23.65 0.91 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.77 0.93 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.93 0.98 0.00	20.26 0.95 0.00	20.79 0.95 0.00	21.40 1.04 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.29 1.25 0.00	32.28 1.51 0.00	43.79 2.28 0.00	51.27 2.39 0.00	46.62 1.79 0.00	44.63 2.41 0.00	35.36 1.68 0.00	30.31 1.39 0.00	27.26 1.25 0.00
NYPA_HARLEM__RVR__GT1 24160	29.93 1.29 -0.01	27.56 1.26 -0.01	25.07 1.10 -0.01	23.75 1.00 -0.01	23.43 0.99 -0.01	23.76 0.85 0.00	26.69 0.85 0.00	26.15 0.83 0.00	24.83 0.89 0.01	20.80 0.86 0.01	20.20 0.89 0.01	20.71 0.87 0.00	21.36 1.00 0.00	23.03 0.95 0.01	23.09 0.97 0.01	27.10 1.07 0.01	32.06 1.29 0.01	43.25 1.74 0.01	50.68 1.81 0.01	46.29 1.48 0.01	44.12 1.90 0.01	35.22 1.55 0.00	30.28 1.36 0.00	27.34 1.33 0.00
NYPA_HARLEM__RVR__GT2 24161	29.93 1.29 -0.01	27.56 1.26 -0.01	25.07 1.10 -0.01	23.75 1.00 -0.01	23.43 0.99 -0.01	23.76 0.85 0.00	26.69 0.85 0.00	26.15 0.83 0.00	24.83 0.89 0.01	20.80 0.86 0.01	20.20 0.89 0.01	20.71 0.87 0.00	21.36 1.00 0.00	23.03 0.95 0.01	23.09 0.97 0.01	27.10 1.07 0.01	32.06 1.29 0.01	43.25 1.74 0.01	50.68 1.81 0.01	46.29 1.48 0.01	44.12 1.90 0.01	35.22 1.55 0.00	30.28 1.36 0.00	27.34 1.33 0.00
NYPA_KENT____GT 24152	29.84 1.20 0.00	27.39 1.10 0.00	24.92 0.96 0.00	23.63 0.89 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.74 0.90 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.91 0.96 0.00	20.26 0.95 0.00	20.77 0.93 0.00	21.38 1.02 0.00	23.13 1.04 0.00	23.21 1.08 0.00	27.26 1.22 0.00	32.25 1.48 0.00	43.63 2.12 0.00	51.08 2.20 0.00	46.57 1.75 0.00	44.46 2.24 0.00	35.32 1.65 0.00	30.28 1.36 0.00	27.23 1.22 0.00
NYPA_POUCH1____GT 24155	22.85 1.20 6.99	20.98 1.10 6.41	19.46 0.96 5.45	18.43 0.89 5.19	17.89 0.85 5.40	18.49 0.82 5.25	19.45 0.90 7.30	20.22 0.96 6.06	20.03 0.98 4.90	16.71 0.96 4.20	14.90 0.95 5.36	16.11 0.93 4.66	14.34 1.04 7.05	15.98 1.06 7.17	19.81 1.08 3.40	20.83 1.25 6.46	23.29 1.51 8.99	23.96 2.24 19.79	24.38 2.35 26.84	23.91 1.79 22.71	23.97 2.36 20.62	23.57 1.68 11.79	23.31 1.39 7.00	23.31 1.22 3.93
NYPA_VERNON____GT2 24162	29.81 1.17 0.00	27.37 1.08 0.00	24.92 0.96 0.00	23.63 0.89 0.00	23.28 0.85 0.00	23.74 0.82 0.00	26.74 0.90 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.89 0.94 0.00	20.24 0.93 0.00	20.75 0.91 0.00	21.38 1.02 0.00	23.13 1.04 0.00	23.18 1.06 0.00	27.24 1.20 0.00	32.19 1.42 0.00	43.46 1.95 0.00	50.88 2.00 0.00	46.53 1.70 0.00	44.34 2.11 0.00	35.26 1.58 0.00	30.25 1.33 0.00	27.21 1.20 0.00
NYPA_VERNON____GT3 24163	29.81 1.17 0.00	27.37 1.08 0.00	24.92 0.96 0.00	23.63 0.89 0.00	23.28 0.85 0.00	23.74 0.82 0.00	26.74 0.90 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.89 0.94 0.00	20.24 0.93 0.00	20.75 0.91 0.00	21.38 1.02 0.00	23.13 1.04 0.00	23.18 1.06 0.00	27.24 1.20 0.00	32.19 1.42 0.00	43.46 1.95 0.00	50.88 2.00 0.00	46.53 1.70 0.00	44.34 2.11 0.00	35.26 1.58 0.00	30.25 1.33 0.00	27.21 1.20 0.00
NYPA____ASTORIA_CC1 323568	29.81 1.17 0.00	27.37 1.08 0.00	24.92 0.96 0.00	23.63 0.89 0.00	23.28 0.85 0.00	23.74 0.82 0.00	26.69 0.85 0.00	26.23 0.91 0.00	24.88 0.93 0.00	20.85 0.90 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.36 1.00 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.18 1.14 0.00	32.12 1.35 0.00	43.38 1.87 0.00	50.83 1.96 0.00	46.44 1.61 0.00	44.25 2.03 0.00	35.22 1.55 0.00	30.22 1.30 0.00	27.18 1.17 0.00
NYPA____ASTORIA_CC2 323569	29.81 1.17 0.00	27.37 1.08 0.00	24.92 0.96 0.00	23.63 0.89 0.00	23.28 0.85 0.00	23.74 0.82 0.00	26.69 0.85 0.00	26.23 0.91 0.00	24.88 0.93 0.00	20.85 0.90 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.36 1.00 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.18 1.14 0.00	32.12 1.35 0.00	43.38 1.87 0.00	50.83 1.96 0.00	46.44 1.61 0.00	44.25 2.03 0.00	35.22 1.55 0.00	30.22 1.30 0.00	27.18 1.17 0.00
NYPA____HOLTSVILL 23794	29.41 0.77 0.00	26.82 0.53 0.00	24.34 0.38 0.00	23.17 0.43 0.00	22.88 0.45 0.00	23.37 0.46 0.00	26.25 0.41 0.00	25.82 0.51 0.00	24.47 0.53 0.00	20.43 0.48 0.00	20.05 0.73 0.00	20.41 0.58 0.00	21.03 0.67 0.00	22.91 0.82 0.00	23.05 0.93 0.00	27.11 1.07 0.00	32.12 1.35 0.00	42.42 0.91 0.01	49.50 0.63 0.01	45.50 0.67 0.00	43.19 0.97 0.01	35.15 1.48 0.00	29.99 1.07 0.00	26.82 0.81 0.00
NYPA____HELLGATE_GT1 24158	29.93 1.29 -0.01	27.56 1.26 -0.01	25.07 1.10 -0.01	23.75 1.00 -0.01	23.43 0.99 -0.01	23.76 0.85 0.00	26.69 0.85 0.00	26.15 0.83 0.00	24.83 0.89 0.01	20.80 0.86 0.01	20.20 0.89 0.01	20.71 0.87 0.00	21.36 1.00 0.00	23.03 0.95 0.01	23.09 0.97 0.01	27.10 1.07 0.01	32.06 1.29 0.01	43.25 1.74 0.01	50.68 1.81 0.01	46.29 1.48 0.01	44.12 1.90 0.01	35.22 1.55 0.00	30.28 1.36 0.00	27.34 1.33 0.00
NYPA____HELLGATE_GT2 24159	29.93 1.29 -0.01	27.56 1.26 -0.01	25.07 1.10 -0.01	23.75 1.00 -0.01	23.43 0.99 -0.01	23.76 0.85 0.00	26.69 0.85 0.00	26.15 0.83 0.00	24.83 0.89 0.01	20.80 0.86 0.01	20.20 0.89 0.01	20.71 0.87 0.00	21.36 1.00 0.00	23.03 0.95 0.01	23.09 0.97 0.01	27.10 1.07 0.01	32.06 1.29 0.01	43.25 1.74 0.01	50.68 1.81 0.01	46.29 1.48 0.01	44.12 1.90 0.01	35.22 1.55 0.00	30.28 1.36 0.00	27.34 1.33 0.00
NYS_BARGE____HYD 23848	27.49 -1.15 0.00	25.50 -0.79 0.00	23.24 -0.72 0.00	21.92 -0.82 0.00	21.74 -0.70 0.00	21.88 -1.03 0.00	25.14 -0.70 0.00	24.69 -0.63 0.00	23.30 -0.65 0.00	19.57 -0.38 0.00	18.97 -0.35 0.00	19.80 -0.04 0.00	20.26 -0.10 0.00	21.99 -0.11 -0.01	21.57 -0.55 0.00	22.29 -0.86 2.89	29.58 -1.29 -0.09	36.10 -2.12 3.30	37.85 -2.64 8.39	37.34 -2.60 4.89	30.86 -1.94 9.43	26.92 -1.48 5.28	27.99 -1.01 -0.08	25.89 -0.29 -0.17
OAK ORCHARD____HYD 24046	28.12 -0.51 0.00	25.90 -0.39 0.00	23.60 -0.36 0.00	22.38 -0.36 0.00	22.14 -0.29 0.00	22.55 -0.37 0.00	25.69 -0.15 0.00	25.19 -0.13 0.00	23.78 -0.17 0.00	19.85 -0.10 0.00	19.24 -0.08 0.00	19.90 0.06 0.00	20.40 0.04 0.00	22.19 0.09 -0.01	22.10 -0.02 0.00	22.50 -0.05 3.49	30.48 -0.09 0.20	37.24 -0.17 4.10	39.16 -0.19 9.52	38.78 -0.22 5.82	31.45 -0.17 10.61	27.31 -0.13 6.23	28.73 0.00 0.19	26.38 0.21 -0.16

OAKDALE___35_KV_LOAD 356122	28.58 -0.06 0.00	26.26 -0.03 0.00	23.91 -0.05 0.00	22.67 -0.07 0.00	22.36 -0.07 0.00	22.82 -0.09 0.00	25.74 -0.10 0.00	25.32 0.00 0.00	23.92 -0.02 0.00	19.91 -0.04 0.00	19.26 -0.06 0.00	19.90 0.06 0.00	20.42 0.06 0.00	22.21 0.11 -0.01	22.17 0.04 0.00	27.19 0.03 -1.13	32.97 -0.03 -2.23	43.56 -0.08 -2.13	47.61 -0.15 1.11	45.97 -0.18 -1.32	40.39 0.00 1.84	34.73 0.00 -1.06	31.04 0.03 -2.10	26.35 0.13 -0.20
OCC_CHEM___DRP 24175	27.20 -1.43 0.00	25.13 -1.16 0.00	22.73 -1.22 0.00	21.51 -1.23 0.00	21.20 -1.23 0.00	21.49 -1.42 0.00	24.19 -1.65 0.00	24.23 -1.09 0.00	22.87 -1.08 0.00	19.16 -0.80 0.00	18.58 -0.73 0.00	19.40 -0.44 0.00	19.87 -0.49 0.00	21.99 -0.11 -0.01	21.24 -0.88 0.00	21.92 -1.25 2.87	29.11 -1.75 -0.10	35.54 -2.74 3.23	36.84 -3.76 8.27	36.44 -3.59 4.80	29.98 -2.87 9.38	26.36 -2.05 5.26	27.47 -1.50 -0.05	25.84 -0.34 -0.17
OH_GEN_PROXY 24063	27.35 -1.29 0.00	25.34 -0.95 0.00	23.12 -0.84 0.00	21.81 -0.93 0.00	21.63 -0.81 0.00	21.82 -1.10 0.00	24.99 -0.85 0.00	24.54 -0.79 0.00	23.16 -0.79 0.00	19.42 -0.54 0.00	18.81 -0.50 0.00	19.64 -0.20 0.00	20.10 -0.27 0.00	21.95 -0.15 -0.01	21.50 -0.62 0.00	22.22 -0.91 2.91	29.45 -1.38 -0.07	35.85 -2.32 3.34	37.60 -2.88 8.39	37.08 -2.82 4.92	30.79 -2.03 9.41	26.87 -1.51 5.29	27.91 -1.07 -0.06	25.86 -0.31 -0.16
OLIN_CORP_DRP 24177	27.06 -1.57 0.00	24.98 -1.31 0.00	23.02 -0.93 0.00	21.76 -0.98 0.00	21.47 -0.96 0.00	21.72 -1.19 0.00	24.47 -1.37 0.00	24.51 -0.81 0.00	23.13 -0.81 0.00	19.41 -0.54 0.00	18.83 -0.48 0.00	19.66 -0.18 0.00	20.12 -0.24 0.00	21.81 -0.29 -0.01	21.33 -0.80 0.00	22.09 -1.17 2.78	29.29 -1.63 -0.15	35.82 -2.53 3.16	37.17 -3.52 8.19	36.74 -3.36 4.73	30.27 -2.74 9.22	26.58 -1.99 5.11	27.61 -1.45 -0.14	25.61 -0.57 -0.17
OLIN_CORP_DSASP 323712	26.97 -1.66 0.00	25.00 -1.29 0.00	22.81 -1.15 0.00	21.51 -1.23 0.00	21.33 -1.10 0.00	21.49 -1.42 0.00	24.68 -1.16 0.00	24.23 -1.09 0.00	22.85 -1.10 0.00	19.17 -0.78 0.00	18.58 -0.73 0.00	19.40 -0.44 0.00	19.87 -0.49 0.00	21.95 -0.15 -0.01	21.24 -0.89 0.00	21.92 -1.25 2.87	29.05 -1.82 -0.10	35.34 -2.95 3.23	36.99 -3.62 8.27	36.53 -3.50 4.80	30.23 -2.62 9.38	26.43 -1.99 5.26	27.55 -1.42 -0.05	25.84 -0.34 -0.17
ONEIDA_HERK_LFGE 323681	28.98 0.34 0.00	26.58 0.29 0.00	24.20 0.24 0.00	22.97 0.23 0.00	22.63 0.20 0.00	23.10 0.18 0.00	26.10 0.26 0.00	25.55 0.23 0.00	24.14 0.19 0.00	20.81 0.06 -0.79	22.04 0.02 -2.70	22.59 0.04 -2.71	20.39 0.02 -0.01	22.14 0.04 -0.01	26.71 0.09 -4.50	31.04 0.18 -4.82	32.42 0.31 -1.34	45.49 0.54 -3.44	52.49 0.83 -2.78	53.44 0.85 -7.76	43.65 0.76 -0.66	35.57 0.44 -1.46	30.58 0.40 -1.26	26.34 0.23 -0.10
ONEIDA___115KV_TB4 55905	28.98 0.34 0.00	26.61 0.32 0.00	24.24 0.29 0.00	23.01 0.27 0.00	22.68 0.25 0.00	23.19 0.27 0.00	26.18 0.34 0.00	25.67 0.35 0.00	24.21 0.26 0.00	20.41 0.12 -0.34	20.55 0.08 -1.16	21.12 0.12 -1.16	20.49 0.12 0.00	22.25 0.15 -0.01	24.22 0.18 -1.92	29.71 0.43 -3.38	33.34 0.66 -2.13	45.76 0.66 -3.58	51.78 0.98 -1.93	50.96 0.99 -5.15	43.81 0.89 -0.69	36.58 0.57 -2.33	31.45 0.52 -2.01	26.56 0.39 -0.16
ONONDAGA_REF_OCCRA 23987	28.35 -0.29 0.00	26.05 -0.24 0.00	23.72 -0.24 0.00	22.51 -0.23 0.00	22.21 -0.22 0.00	22.69 -0.23 0.00	25.61 -0.23 0.00	25.17 -0.15 0.00	23.78 -0.17 0.00	19.94 -0.16 -0.15	19.65 -0.17 -0.51	20.23 -0.12 -0.51	20.26 -0.10 0.00	22.02 -0.09 -0.02	22.86 -0.11 -0.85	28.73 -0.13 -2.82	34.20 -0.18 -3.61	45.40 -0.21 -4.10	48.07 -0.24 0.56	48.42 -0.22 -3.82	40.03 -0.21 1.98	35.72 -0.20 -2.25	32.17 -0.14 -3.40	26.25 -0.08 -0.32
ONONDAGA___COGEN 23986	28.38 -0.26 0.00	26.08 -0.21 0.00	23.74 -0.22 0.00	22.54 -0.20 0.00	22.23 -0.20 0.00	22.71 -0.21 0.00	25.63 -0.21 0.00	25.19 -0.13 0.00	23.80 -0.14 0.00	19.96 -0.14 -0.14	19.65 -0.15 -0.49	20.25 -0.08 -0.49	20.28 -0.08 0.00	22.04 -0.07 -0.02	22.87 -0.07 -0.81	31.26 -0.10 -5.33	36.16 -0.12 -5.51	49.11 -0.12 -7.72	51.71 -0.15 -2.98	52.25 -0.13 -7.56	43.57 -0.17 -1.51	39.53 -0.17 -6.03	33.99 -0.12 -5.19	26.36 -0.05 -0.40
ONTARIO___LFGE 23819	28.84 0.20 0.00	26.53 0.24 0.00	24.10 0.14 0.00	22.83 0.09 0.00	22.59 0.16 0.00	23.03 0.12 0.00	26.18 0.34 0.00	25.70 0.38 0.00	24.21 0.26 0.00	20.11 0.16 0.00	19.41 0.10 0.00	20.14 0.30 0.00	20.65 0.28 0.00	22.48 0.38 -0.02	22.47 0.35 0.00	28.70 0.42 -2.25	34.95 0.55 -3.62	46.15 0.71 -3.94	49.23 0.98 0.62	48.49 0.81 -2.86	41.29 0.72 1.65	36.76 0.61 -2.48	32.87 0.55 -3.41	26.87 0.55 -0.31
ORANGEVILLE_WT_PWR 323706	27.55 -1.09 0.00	25.45 -0.84 0.00	23.14 -0.81 0.00	21.76 -0.98 0.00	21.56 -0.88 0.00	21.72 -1.19 0.00	24.86 -0.98 0.00	24.38 -0.94 0.00	22.99 -0.96 0.00	19.28 -0.68 0.00	18.66 -0.66 0.00	19.52 -0.32 0.00	20.03 -0.33 0.00	21.88 -0.22 -0.01	21.57 -0.55 0.00	23.51 -0.78 1.75	30.32 -1.20 -0.75	37.94 -1.83 1.75	40.25 -2.20 6.42	39.49 -2.20 3.14	33.02 -1.81 7.39	28.69 -1.48 3.50	28.55 -1.07 -0.70	25.62 -0.57 -0.18
ORANGEVILLE___ESR 323794	27.55 -1.09 0.00	25.45 -0.84 0.00	23.14 -0.81 0.00	21.76 -0.98 0.00	21.56 -0.88 0.00	21.72 -1.19 0.00	24.86 -0.98 0.00	24.38 -0.94 0.00	22.99 -0.96 0.00	19.28 -0.68 0.00	18.66 -0.66 0.00	19.52 -0.32 0.00	20.03 -0.33 0.00	21.88 -0.22 -0.01	21.57 -0.55 0.00	23.51 -0.78 1.75	30.32 -1.20 -0.75	37.94 -1.83 1.75	40.25 -2.20 6.42	39.49 -2.20 3.14	33.02 -1.81 7.39	28.69 -1.48 3.50	28.55 -1.07 -0.70	25.62 -0.57 -0.18
OSWEGATCHIE___HYD 24044	29.09 0.46 0.00	26.69 0.39 0.00	24.29 0.34 0.00	23.06 0.32 0.00	22.75 0.31 0.00	23.21 0.30 0.00	26.20 0.36 0.00	25.67 0.35 0.00	24.26 0.31 0.00	24.06 0.14 -3.96	32.93 0.14 -13.48	33.53 0.16 -13.53	20.50 0.08 -0.05	22.19 0.09 -0.01	44.73 0.18 -22.43	46.13 0.26 -19.83	32.77 0.31 -1.69	52.51 0.54 -10.46	61.19 0.78 -11.53	78.48 0.76 -32.89	44.70 0.51 -1.96	35.96 0.44 -1.85	30.86 0.35 -1.59	26.29 0.16 -0.12
OSWEGO___5 23606	27.98 -0.66 0.00	25.71 -0.58 0.00	23.43 -0.53 0.00	22.22 -0.52 0.00	21.94 -0.49 0.00	22.39 -0.53 0.00	25.30 -0.54 0.00	24.83 -0.51 -0.02	23.44 -0.50 0.00	19.53 -0.42 0.00	18.91 -0.41 0.00	19.46 -0.38 0.00	19.97 -0.39 0.00	21.73 -0.42 -0.06	21.70 -0.42 0.00	54.06 -0.52 -28.54	52.84 -0.65 -22.72	82.03 -0.87 -41.39	85.01 -0.98 -37.11	86.14 -0.94 -42.26	76.98 -0.84 -35.59	74.66 -0.71 -41.70	49.76 -0.55 -21.40	26.71 -0.47 -1.17
OSWEGO___6 23613	27.98 -0.66 0.00	25.71 -0.58 0.00	23.43 -0.53 0.00	22.22 -0.52 0.00	21.94 -0.49 0.00	22.39 -0.53 0.00	25.30 -0.54 0.00	24.83 -0.51 -0.02	23.44 -0.50 0.00	19.53 -0.42 0.00	18.91 -0.41 0.00	19.46 -0.38 0.00	19.97 -0.39 0.00	21.73 -0.42 -0.06	21.70 -0.42 0.00	54.06 -0.52 -28.54	52.84 -0.65 -22.72	82.03 -0.87 -41.39	85.01 -0.98 -37.11	86.14 -0.94 -42.26	76.98 -0.84 -35.59	74.66 -0.71 -41.70	49.76 -0.55 -21.40	26.71 -0.47 -1.17

OUTOKUMPU-AB___DRP 24206	27.52 -1.12 0.00	25.40 -0.89 0.00	23.14 -0.81 0.00	21.88 -0.86 0.00	21.58 -0.85 0.00	21.82 -1.10 0.00	24.63 -1.21 0.00	24.63 -0.68 0.00	23.25 -0.69 0.00	19.51 -0.44 0.00	18.95 -0.37 0.00	19.78 -0.06 0.00	20.26 -0.10 0.00	22.25 0.15 -0.01	21.68 -0.44 0.00	22.56 -0.73 2.75	29.86 -1.08 -0.17	36.63 -1.79 3.10	38.13 -2.64 8.11	37.62 -2.56 4.65	31.03 -2.03 9.17	27.16 -1.45 5.06	28.05 -1.01 -0.14	26.07 -0.10 -0.17
OXBOW___BTM 323836	27.26 -1.37 0.00	25.26 -1.03 0.00	23.05 -0.91 0.00	21.72 -1.02 0.00	21.53 -0.90 0.00	21.68 -1.24 0.00	24.91 -0.93 0.00	24.46 -0.86 0.00	23.09 -0.86 0.00	19.37 -0.58 0.00	18.77 -0.54 0.00	19.62 -0.22 0.00	20.10 -0.27 0.00	22.12 0.02 -0.01	21.50 -0.62 0.00	22.29 -0.94 2.81	29.46 -1.45 -0.13	35.99 -2.36 3.16	37.70 -2.98 8.19	37.19 -2.91 4.73	30.80 -2.15 9.27	26.87 -1.65 5.16	27.89 -1.13 -0.10	26.00 -0.18 -0.17
OXBOW___ 24026	27.40 -1.23 0.00	25.29 -1.00 0.00	22.97 -0.98 0.00	21.72 -1.02 0.00	21.40 -1.03 0.00	21.68 -1.24 0.00	24.42 -1.42 0.00	24.46 -0.86 0.00	23.09 -0.86 0.00	19.35 -0.60 0.00	18.79 -0.52 0.00	19.62 -0.22 0.00	20.10 -0.26 0.00	22.14 0.04 -0.01	21.50 -0.62 0.00	22.29 -0.94 2.81	29.55 -1.35 -0.13	36.15 -2.20 3.16	37.56 -3.13 8.19	37.10 -3.00 4.73	30.55 -2.41 9.27	26.80 -1.72 5.16	27.80 -1.21 -0.10	26.00 -0.18 -0.17
OXY_CHEM_DSASP 323612	27.20 -1.43 0.00	25.13 -1.16 0.00	22.73 -1.22 0.00	21.51 -1.23 0.00	21.20 -1.23 0.00	21.49 -1.42 0.00	24.19 -1.65 0.00	24.23 -1.09 0.00	22.87 -1.08 0.00	19.16 -0.80 0.00	18.58 -0.73 0.00	19.40 -0.44 0.00	19.87 -0.49 0.00	21.99 -0.11 -0.01	21.24 -0.88 0.00	21.92 -1.25 2.87	29.11 -1.75 -0.10	35.54 -2.74 3.23	36.84 -3.76 8.27	36.44 -3.59 4.80	29.98 -2.87 9.38	26.36 -2.05 5.26	27.47 -1.50 -0.05	25.84 -0.34 -0.17
OZONE_PARK_ESR 323760	29.95 1.32 0.00	27.47 1.18 0.00	24.99 1.03 0.00	23.69 0.96 0.00	23.37 0.94 0.00	23.88 0.96 0.00	27.00 1.16 0.00	26.48 1.16 0.00	25.12 1.17 0.00	21.01 1.06 0.00	20.38 1.06 0.00	20.87 1.03 0.00	21.50 1.14 0.00	23.28 1.19 0.00	23.34 1.22 0.00	27.45 1.41 0.00	32.46 1.69 0.00	43.67 2.16 0.00	51.32 2.44 0.00	46.98 2.15 0.00	44.63 2.41 0.00	35.56 1.89 0.00	30.48 1.56 0.00	27.34 1.33 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.20 -1.43 0.00	25.13 -1.16 0.00	22.73 -1.22 0.00	21.51 -1.23 0.00	21.20 -1.23 0.00	21.49 -1.42 0.00	24.19 -1.65 0.00	24.23 -1.09 0.00	22.87 -1.08 0.00	19.16 -0.80 0.00	18.58 -0.73 0.00	19.40 -0.44 0.00	19.87 -0.49 0.00	21.99 -0.11 -0.01	21.24 -0.88 0.00	21.92 -1.25 2.87	29.11 -1.75 -0.10	35.54 -2.74 3.23	36.84 -3.76 8.27	36.44 -3.59 4.80	29.98 -2.87 9.38	26.36 -2.05 5.26	27.47 -1.50 -0.05	25.84 -0.34 -0.17
PACKARD__115KV_DUPONT_184 80571	27.20 -1.43 0.00	25.13 -1.16 0.00	22.73 -1.22 0.00	21.51 -1.23 0.00	21.20 -1.23 0.00	21.49 -1.42 0.00	24.19 -1.65 0.00	24.23 -1.09 0.00	22.87 -1.08 0.00	19.16 -0.80 0.00	18.58 -0.73 0.00	19.40 -0.44 0.00	19.87 -0.49 0.00	21.99 -0.11 -0.01	21.24 -0.88 0.00	21.92 -1.25 2.87	29.11 -1.75 -0.10	35.54 -2.74 3.23	36.84 -3.76 8.27	36.44 -3.59 4.80	29.98 -2.87 9.38	26.36 -2.05 5.26	27.47 -1.50 -0.05	25.84 -0.34 -0.17
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.92 1.29 0.00	27.45 1.16 0.00	24.99 1.03 0.00	23.69 0.96 0.00	23.37 0.94 0.00	23.76 0.85 0.00	26.77 0.93 0.00	26.13 0.81 0.00	24.79 0.84 0.00	20.77 0.82 0.00	20.15 0.83 0.00	20.65 0.81 0.00	21.30 0.94 0.00	23.00 0.91 0.00	23.05 0.93 0.00	27.06 1.02 0.00	32.00 1.23 0.00	43.09 1.58 0.00	50.63 1.76 0.00	46.31 1.48 0.00	44.04 1.82 0.00	35.19 1.52 0.00	30.31 1.39 0.00	27.29 1.27 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.15 1.52 0.00	27.68 1.39 0.00	25.20 1.25 0.00	23.90 1.16 0.00	23.58 1.14 0.00	23.97 1.05 0.00	27.00 1.16 0.00	26.36 1.04 0.00	24.98 1.03 0.00	20.93 0.98 0.00	20.28 0.97 0.00	20.79 0.95 0.00	21.42 1.06 0.00	23.15 1.06 0.00	23.21 1.08 0.00	27.24 1.20 0.00	32.22 1.45 0.00	43.38 1.87 0.00	50.98 2.10 0.00	46.62 1.79 0.00	44.34 2.11 0.00	35.46 1.78 0.00	30.51 1.59 0.00	27.49 1.48 0.00
PATROON__115KV_TB1 80586	28.84 0.20 0.00	26.50 0.21 0.00	24.22 0.26 0.00	23.01 0.27 0.00	22.68 0.25 0.00	23.17 0.25 0.00	26.05 0.21 0.00	25.44 0.13 0.00	24.02 0.07 0.00	19.99 0.04 0.00	19.31 0.00 0.00	19.76 -0.08 0.00	20.26 -0.10 0.00	22.00 -0.09 0.00	22.06 -0.07 0.00	26.01 -0.03 0.00	30.77 0.00 0.00	41.51 0.00 0.00	49.12 0.24 0.00	45.05 0.22 0.00	42.48 0.25 0.00	33.88 0.20 0.00	29.15 0.23 0.00	26.17 0.16 0.00
PATTRSNVILLE___SOLAR 323815	29.41 0.77 0.00	27.00 0.71 0.00	24.63 0.67 0.00	23.38 0.64 0.00	23.04 0.61 0.00	23.53 0.62 0.00	26.54 0.70 0.00	25.90 0.58 0.00	24.28 0.34 0.00	20.09 0.14 0.00	19.30 -0.02 0.00	19.72 -0.12 0.00	20.22 -0.14 0.00	21.98 -0.11 0.00	22.06 -0.07 0.00	26.12 0.08 0.00	31.08 0.31 0.00	42.26 0.75 0.00	50.14 1.27 0.00	46.17 1.34 0.00	43.49 1.27 0.00	34.65 0.98 0.00	29.73 0.81 0.00	26.69 0.68 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	27.52 -1.12 0.00	25.40 -0.89 0.00	23.19 -0.77 0.00	21.90 -0.84 0.00	21.58 -0.85 0.00	21.82 -1.10 0.00	24.63 -1.21 0.00	24.53 -0.78 0.00	23.16 -0.79 0.00	19.41 -0.54 0.00	18.83 -0.48 0.00	19.70 -0.14 0.00	20.18 -0.18 0.00	22.08 -0.02 -0.01	21.70 -0.42 0.00	23.00 -0.65 2.39	30.12 -1.02 -0.37	37.18 -1.70 2.63	38.83 -2.54 7.51	38.24 -2.47 4.12	31.78 -1.94 8.51	27.76 -1.41 4.50	28.25 -1.01 -0.34	25.90 -0.29 -0.17
PAWLING_115_KV_BK3_REV_LBMP_H 345028	29.78 1.15 0.00	27.32 1.03 0.00	24.87 0.91 0.00	23.56 0.82 0.00	23.24 0.81 0.00	23.79 0.87 0.00	26.82 0.98 0.00	26.23 0.91 0.00	24.83 0.89 0.00	20.75 0.80 0.00	20.07 0.75 0.00	20.57 0.73 0.00	21.20 0.83 0.00	22.95 0.86 0.00	22.98 0.86 0.00	27.08 1.04 0.00	32.06 1.29 0.00	43.30 1.79 0.00	50.98 2.10 0.00	46.66 1.84 0.00	44.21 1.98 0.00	35.16 1.48 0.00	30.13 1.21 0.00	27.05 1.04 0.00
PEEKSKILL___ 23653	29.55 0.92 0.00	27.11 0.82 0.00	24.67 0.72 0.00	23.42 0.68 0.00	23.08 0.65 0.00	23.60 0.69 0.00	26.59 0.75 0.00	26.10 0.79 0.00	24.74 0.79 0.00	20.67 0.72 0.00	20.03 0.72 0.00	20.53 0.69 0.00	21.13 0.77 0.00	22.88 0.79 0.00	22.94 0.82 0.00	27.00 0.96 0.00	31.88 1.11 0.00	42.97 1.45 0.00	50.34 1.46 0.00	46.22 1.39 0.00	43.83 1.60 0.00	34.95 1.28 0.00	29.96 1.04 0.00	26.92 0.91 0.00
PGE MADISON___WINDPWR 24146	29.75 1.12 0.00	27.32 1.03 0.00	24.84 0.89 0.00	23.56 0.82 0.00	23.22 0.79 0.00	23.74 0.82 0.00	26.87 1.03 0.00	26.36 1.04 0.00	24.74 0.79 0.00	20.29 0.34 0.00	19.51 0.19 0.00	20.16 0.32 0.00	20.67 0.31 0.00	22.54 0.44 -0.01	22.56 0.44 0.00	29.21 0.78 -2.39	34.88 1.29 -2.82	47.43 2.12 -3.80	53.18 2.98 -1.33	51.17 3.05 -3.30	45.67 2.70 -0.74	38.37 1.62 -3.08	32.99 1.42 -2.65	27.21 0.99 -0.21

PIERCEFIELD___HYD 23852	29.26 0.63 0.00	26.84 0.55 0.00	24.44 0.48 0.00	23.22 0.48 0.00	22.90 0.47 0.00	23.40 0.48 0.00	26.38 0.54 0.00	25.85 0.53 0.00	24.45 0.50 0.00	26.16 0.36 -5.85	39.61 0.41 -19.89	40.20 0.40 -19.97	20.72 0.29 -0.08	22.36 0.27 0.00	55.62 0.40 -33.10	54.40 0.44 -27.92	32.27 0.58 -0.91	55.63 0.83 -13.29	65.98 0.83 -16.27	92.35 0.85 -46.68	45.26 0.55 -2.48	35.14 0.47 -1.00	30.12 0.35 -0.86	26.31 0.23 -0.07
PINELAWN_CC_1 323563	29.64 1.00 0.00	27.05 0.76 0.00	24.53 0.57 0.00	23.33 0.59 0.00	23.01 0.58 0.00	23.51 0.59 0.00	26.46 0.62 0.00	26.00 0.68 0.00	24.67 0.72 0.00	20.59 0.64 0.00	20.18 0.87 0.00	20.57 0.73 0.00	21.20 0.84 0.00	23.06 0.97 0.00	23.21 1.08 0.00	27.26 1.22 0.00	32.25 1.48 0.00	42.67 1.16 0.01	49.84 0.98 0.01	45.77 0.94 0.00	43.45 1.23 0.01	35.26 1.58 0.00	30.16 1.24 0.00	27.00 0.99 0.00
PJM_GEN_HTTP_PROXY 323702	29.72 1.09 0.00	27.24 0.95 0.00	24.79 0.84 0.00	23.54 0.80 0.00	23.20 0.76 0.00	23.72 0.80 0.00	26.72 0.88 0.00	26.26 0.94 0.00	24.91 0.96 0.00	20.83 0.88 0.00	20.20 0.89 0.00	20.71 0.87 0.00	21.32 0.96 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.18 1.14 0.00	32.16 1.39 0.00	43.26 1.74 0.00	50.63 1.76 0.00	46.49 1.66 0.00	44.13 1.90 0.00	35.22 1.55 0.00	30.16 1.24 0.00	27.10 1.09 0.00
PJM_GEN_KEystone 24065	27.97 -0.17 0.49	25.76 -0.08 0.45	23.48 -0.10 0.38	22.22 -0.16 0.36	21.94 -0.11 0.38	22.32 -0.23 0.37	25.18 -0.15 0.51	24.82 -0.08 0.42	23.51 -0.10 0.34	19.66 0.00 0.29	18.94 0.00 0.37	19.67 0.16 0.33	20.03 0.16 0.49	21.81 0.22 0.50	21.95 0.07 0.24	24.53 0.00 1.51	30.30 -0.21 0.26	38.50 -0.54 2.47	42.39 -0.88 5.61	40.25 -0.85 3.72	36.47 -0.29 5.46	30.60 -0.17 2.91	28.72 -0.06 0.14	26.02 0.18 0.17
PJM_GEN_NEPTUNE_PROXY 323594	29.44 0.80 0.00	26.87 0.58 0.00	24.41 0.45 0.00	23.19 0.45 0.00	22.88 0.45 0.00	23.40 0.48 0.00	26.33 0.49 0.00	25.87 0.56 0.00	24.55 0.60 0.00	20.49 0.54 0.00	20.05 0.73 0.00	20.47 0.63 0.00	21.07 0.71 0.00	22.91 0.82 0.00	23.03 0.91 0.00	27.08 1.04 0.00	32.00 1.23 0.00	42.38 0.87 0.01	49.50 0.63 0.01	45.45 0.63 0.00	43.15 0.93 0.01	34.95 1.28 0.00	29.93 1.01 0.00	26.82 0.81 0.00
PJM_GEN_VFT_PROXY 323633	22.58 0.94 7.00	20.71 0.84 6.42	19.24 0.74 5.46	18.22 0.68 5.20	17.68 0.65 5.40	18.36 0.69 5.24	19.30 0.75 7.29	20.10 0.83 6.05	19.92 0.86 4.89	16.56 0.80 4.19	14.77 0.81 5.36	15.96 0.77 4.65	14.19 0.87 7.05	15.81 0.88 7.16	19.66 0.93 3.39	20.63 1.04 6.45	23.04 1.26 8.99	23.29 1.58 19.80	23.54 1.52 26.85	23.54 1.43 22.72	23.29 1.69 20.63	23.29 1.41 11.80	23.04 1.13 7.00	23.04 0.96 3.93
PLATSBURG_115KV_PMLD1 355749	29.78 1.15 0.00	27.34 1.05 0.00	24.94 0.98 0.00	23.69 0.96 0.00	23.44 1.01 0.00	23.97 1.05 0.00	27.03 1.19 0.00	26.53 1.22 0.00	25.14 1.20 0.00	21.46 1.06 -0.44	21.91 1.08 -1.51	22.47 1.11 -1.52	21.51 1.14 -0.01	23.26 1.17 0.00	25.87 1.24 -2.51	29.51 1.41 -2.06	32.43 1.66 0.00	44.55 2.12 -0.92	52.08 2.00 -1.20	49.90 1.61 -3.46	43.33 0.93 -0.17	34.18 0.51 0.00	29.18 0.26 0.00	26.17 0.16 0.00
PLEASANTVLY___LBMP 24000	29.44 0.80 0.00	27.00 0.71 0.00	24.60 0.65 0.00	23.33 0.59 0.00	23.04 0.61 0.00	23.53 0.62 0.00	26.56 0.72 0.00	25.98 0.66 0.00	24.62 0.67 0.00	20.55 0.60 0.00	19.91 0.60 0.00	20.39 0.56 0.00	20.97 0.61 0.00	22.73 0.64 0.00	22.76 0.64 0.00	26.80 0.76 0.00	31.63 0.86 0.00	42.63 1.12 0.00	50.24 1.37 0.00	46.04 1.21 0.00	43.58 1.35 0.00	34.75 1.08 0.00	29.81 0.90 0.00	26.77 0.75 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.64 1.00 0.00	27.18 0.89 0.00	24.75 0.79 0.00	23.47 0.73 0.00	23.15 0.72 0.00	23.67 0.76 0.00	26.72 0.88 0.00	26.15 0.84 0.00	24.81 0.86 0.00	20.73 0.78 0.00	20.09 0.77 0.00	20.59 0.75 0.00	21.20 0.83 0.00	22.95 0.86 0.00	23.01 0.88 0.00	27.06 1.02 0.00	31.97 1.20 0.00	43.01 1.49 0.00	50.68 1.81 0.00	46.39 1.57 0.00	44.00 1.77 0.00	35.09 1.41 0.00	30.07 1.16 0.00	26.97 0.96 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.64 1.00 0.00	27.18 0.89 0.00	24.75 0.79 0.00	23.47 0.73 0.00	23.15 0.72 0.00	23.67 0.76 0.00	26.72 0.88 0.00	26.15 0.84 0.00	24.81 0.86 0.00	20.73 0.78 0.00	20.09 0.77 0.00	20.59 0.75 0.00	21.20 0.83 0.00	22.95 0.86 0.00	23.01 0.88 0.00	27.06 1.02 0.00	31.97 1.20 0.00	43.01 1.49 0.00	50.68 1.81 0.00	46.39 1.57 0.00	44.00 1.77 0.00	35.09 1.41 0.00	30.07 1.16 0.00	26.97 0.96 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.58 0.94 0.00	27.13 0.84 0.00	24.72 0.77 0.00	23.44 0.70 0.00	23.15 0.72 0.00	23.67 0.76 0.00	26.69 0.85 0.00	26.08 0.76 0.00	24.67 0.72 0.00	20.61 0.66 0.00	19.93 0.62 0.00	20.41 0.58 0.00	21.01 0.65 0.00	22.77 0.68 0.00	22.83 0.71 0.00	26.90 0.86 0.00	31.82 1.05 0.00	42.92 1.41 0.00	50.63 1.76 0.00	46.31 1.48 0.00	43.87 1.65 0.00	34.92 1.25 0.00	29.96 1.04 0.00	26.90 0.88 0.00
POLETTI____ 23519	21.00 1.00 8.63	20.90 0.89 6.29	20.93 0.79 3.82	20.96 0.73 2.51	20.96 0.72 2.19	21.01 0.62 2.52	21.11 0.70 5.43	21.01 0.58 4.89	21.02 0.65 3.58	20.69 0.74 0.00	20.09 0.77 0.00	20.59 0.75 0.00	21.24 0.88 0.00	22.86 0.77 0.00	22.92 0.80 0.00	22.94 0.81 3.90	22.97 0.98 8.79	22.80 1.20 19.91	26.35 1.37 23.90	23.85 1.12 22.09	22.89 1.44 20.78	22.96 1.21 11.92	22.99 1.13 7.06	22.96 1.07 4.12
POMONA___ESR 323819	29.58 0.94 0.00	27.13 0.84 0.00	24.70 0.74 0.00	23.42 0.68 0.00	23.10 0.67 0.00	23.63 0.71 0.00	26.59 0.75 0.00	26.10 0.79 0.00	24.74 0.79 0.00	20.67 0.72 0.00	20.03 0.72 0.00	20.53 0.69 0.00	21.13 0.77 0.00	22.88 0.79 0.00	22.94 0.82 0.00	27.00 0.96 0.00	31.88 1.11 0.00	42.97 1.45 0.00	50.39 1.52 0.00	46.22 1.39 0.00	43.87 1.65 0.00	34.99 1.31 0.00	29.96 1.04 0.00	26.95 0.94 0.00
PORT_JEFF_3 23555	29.47 0.83 0.00	26.87 0.58 0.00	24.39 0.43 0.00	23.22 0.48 0.00	22.93 0.49 0.00	23.40 0.48 0.00	26.28 0.44 0.00	25.87 0.56 0.00	24.52 0.57 0.00	20.45 0.50 0.00	20.09 0.77 0.00	20.45 0.62 0.00	21.07 0.71 0.00	22.95 0.86 0.00	23.09 0.97 0.00	27.16 1.12 0.00	32.22 1.45 0.00	42.54 1.04 0.01	49.65 0.78 0.01	45.63 0.81 0.00	43.28 1.06 0.01	35.22 1.55 0.00	30.04 1.13 0.00	26.87 0.86 0.00
PORT_JEFF_4 23616	29.47 0.83 0.00	26.87 0.58 0.00	24.39 0.43 0.00	23.22 0.48 0.00	22.93 0.49 0.00	23.40 0.48 0.00	26.28 0.44 0.00	25.87 0.56 0.00	24.52 0.57 0.00	20.45 0.50 0.00	20.09 0.77 0.00	20.45 0.62 0.00	21.07 0.71 0.00	22.95 0.86 0.00	23.09 0.97 0.00	27.16 1.12 0.00	32.22 1.45 0.00	42.54 1.04 0.01	49.65 0.78 0.01	45.63 0.81 0.00	43.28 1.06 0.01	35.22 1.55 0.00	30.04 1.13 0.00	26.87 0.86 0.00

PORT_JEFF_IC 23713	29.52 0.89 0.00	26.92 0.63 0.00	24.41 0.46 0.00	23.19 0.45 0.00	22.95 0.52 0.00	23.40 0.48 0.00	26.41 0.57 0.00	25.90 0.58 0.00	24.57 0.62 0.00	20.49 0.54 0.00	20.11 0.79 0.00	20.49 0.65 0.00	21.11 0.75 0.00	23.00 0.91 0.00	23.14 1.02 0.00	27.21 1.17 0.00	32.28 1.51 0.00	42.50 1.00 0.01	49.94 1.08 0.01	45.86 1.03 0.00	43.45 1.22 0.01	35.39 1.72 0.00	30.13 1.21 0.00	26.92 0.91 0.00
PPL PILGRIM_ST_GT1 24216	29.72 1.09 0.00	27.11 0.82 0.00	24.60 0.65 0.00	23.38 0.64 0.00	23.08 0.65 0.00	23.58 0.66 0.00	26.51 0.67 0.00	26.08 0.76 0.00	24.74 0.79 0.00	20.63 0.68 0.00	20.24 0.93 0.00	20.65 0.81 0.00	21.26 0.89 0.00	23.15 1.06 0.00	23.29 1.17 0.00	27.39 1.35 0.00	32.43 1.66 0.00	42.83 1.33 0.01	49.99 1.13 0.01	45.95 1.12 0.00	43.57 1.35 0.01	35.46 1.78 0.00	30.28 1.36 0.00	27.10 1.09 0.00
PPL PILGRIM_ST_GT2 24217	29.72 1.09 0.00	27.11 0.82 0.00	24.60 0.65 0.00	23.38 0.64 0.00	23.08 0.65 0.00	23.58 0.66 0.00	26.51 0.67 0.00	26.08 0.76 0.00	24.74 0.79 0.00	20.63 0.68 0.00	20.24 0.93 0.00	20.65 0.81 0.00	21.26 0.89 0.00	23.15 1.06 0.00	23.29 1.17 0.00	27.39 1.35 0.00	32.43 1.66 0.00	42.83 1.33 0.01	49.99 1.13 0.01	45.95 1.12 0.00	43.57 1.35 0.01	35.46 1.78 0.00	30.28 1.36 0.00	27.10 1.09 0.00
PPL_SHRM_GT3 24213	29.12 0.49 0.00	26.55 0.26 0.00	24.08 0.12 0.00	22.94 0.20 0.00	22.66 0.22 0.00	23.14 0.23 0.00	25.97 0.13 0.00	25.62 0.30 0.00	24.21 0.26 0.00	20.19 0.24 0.00	19.84 0.52 0.00	20.17 0.34 0.00	20.79 0.43 0.00	22.64 0.55 0.00	22.81 0.69 0.00	26.85 0.81 0.00	31.85 1.08 0.00	42.09 0.58 0.01	49.16 0.30 0.01	45.18 0.36 0.00	42.85 0.63 0.01	34.88 1.21 0.00	29.70 0.78 0.00	26.56 0.55 0.00
PPL_SHRM_GT4 24214	29.12 0.49 0.00	26.55 0.26 0.00	24.08 0.12 0.00	22.94 0.20 0.00	22.66 0.22 0.00	23.14 0.23 0.00	25.97 0.13 0.00	25.62 0.30 0.00	24.21 0.26 0.00	20.19 0.24 0.00	19.84 0.52 0.00	20.17 0.34 0.00	20.79 0.43 0.00	22.64 0.55 0.00	22.81 0.69 0.00	26.85 0.81 0.00	31.85 1.08 0.00	42.09 0.58 0.01	49.16 0.30 0.01	45.18 0.36 0.00	42.85 0.63 0.01	34.88 1.21 0.00	29.70 0.78 0.00	26.56 0.55 0.00
PROJECT___ORANGE 1 24174	28.26 -0.37 0.00	25.97 -0.32 0.00	23.67 -0.29 0.00	22.44 -0.30 0.00	22.16 -0.27 0.00	22.64 -0.27 0.00	25.53 -0.31 0.00	25.09 -0.23 0.00	23.71 -0.24 0.00	19.92 -0.20 -0.17	19.68 -0.21 -0.57	20.27 -0.14 -0.58	20.22 -0.14 0.00	21.97 -0.13 -0.02	22.92 -0.15 -0.95	27.86 -0.18 -2.01	33.50 -0.28 -3.00	44.01 -0.37 -2.87	46.56 -0.44 1.88	46.98 -0.45 -2.61	38.51 -0.38 3.34	34.23 -0.34 -0.90	31.51 -0.23 -2.83	26.17 -0.13 -0.29
PROJECT___ORANGE 2 24166	28.26 -0.37 0.00	25.97 -0.32 0.00	23.67 -0.29 0.00	22.44 -0.30 0.00	22.16 -0.27 0.00	22.64 -0.27 0.00	25.53 -0.31 0.00	25.09 -0.23 0.00	23.71 -0.24 0.00	19.92 -0.20 -0.17	19.68 -0.21 -0.57	20.27 -0.14 -0.58	20.22 -0.14 0.00	21.97 -0.13 -0.02	22.92 -0.15 -0.95	27.86 -0.18 -2.01	33.50 -0.28 -3.00	44.01 -0.37 -2.87	46.56 -0.44 1.88	46.98 -0.45 -2.61	38.51 -0.38 3.34	34.23 -0.34 -0.90	31.51 -0.23 -2.83	26.17 -0.13 -0.29
PUCKETT___SOLAR 323809	28.92 0.29 0.00	26.58 0.29 0.00	24.20 0.24 0.00	22.92 0.18 0.00	22.63 0.20 0.00	23.10 0.18 0.00	26.15 0.31 0.00	25.63 0.30 0.00	24.14 0.19 0.00	20.01 0.06 0.00	19.28 -0.04 0.00	19.90 0.06 0.00	20.40 0.04 0.00	22.19 0.09 -0.01	22.17 0.04 0.00	28.42 0.10 -2.28	33.65 0.19 -2.69	45.56 0.42 -3.63	50.78 0.63 -1.27	48.65 0.67 -3.15	43.70 0.76 -0.71	37.09 0.47 -2.95	31.89 0.43 -2.53	26.62 0.41 -0.20
PYRITES___HYD 24023	29.52 0.89 0.00	27.11 0.81 0.00	24.68 0.72 0.00	23.44 0.70 0.00	23.11 0.67 0.00	23.63 0.71 0.00	26.67 0.83 0.00	26.10 0.78 0.00	24.62 0.67 0.00	26.59 0.44 -6.19	40.85 0.46 -21.08	41.47 0.48 -21.16	20.81 0.37 -0.08	22.47 0.38 0.00	57.71 0.51 -35.08	56.15 0.62 -29.48	32.51 0.89 -0.85	56.76 1.33 -13.92	67.53 1.47 -17.19	95.76 1.61 -49.32	46.05 1.22 -2.60	35.54 0.94 -0.92	30.49 0.78 -0.80	26.62 0.55 -0.06
QUAKERRD_115KV_BK1 80622	27.58 -1.06 0.00	25.34 -0.95 0.00	23.07 -0.89 0.00	21.92 -0.82 0.00	21.62 -0.81 0.00	22.09 -0.82 0.00	24.96 -0.88 0.00	24.63 -0.68 0.00	23.28 -0.67 0.00	19.41 -0.54 0.00	18.81 -0.50 0.00	19.44 -0.40 0.00	19.93 -0.43 0.00	21.70 -0.40 -0.01	21.63 -0.49 0.00	21.78 -0.57 3.69	29.78 -0.68 0.32	36.26 -0.87 4.38	37.84 -1.17 9.87	37.57 -1.12 6.13	30.16 -1.10 10.97	26.26 -0.88 6.54	27.95 -0.67 0.30	25.76 -0.42 -0.16
QUENSBRY_115KV_TB8 356137	30.12 1.49 0.00	27.68 1.39 0.00	25.27 1.32 0.00	23.99 1.25 0.00	23.62 1.19 0.00	24.13 1.21 0.00	27.21 1.37 0.00	26.53 1.22 0.00	24.83 0.89 0.00	20.59 0.64 0.00	19.59 0.27 0.00	19.96 0.12 0.00	20.40 0.04 0.00	22.20 0.11 0.00	22.30 0.18 0.00	26.43 0.39 0.00	31.57 0.80 0.00	43.30 1.79 0.00	51.56 2.69 0.00	47.56 2.73 0.00	44.72 2.49 0.00	35.59 1.92 0.00	30.51 1.59 0.00	27.31 1.30 0.00
RAMAPO___LBMP 323565	29.49 0.86 0.00	27.08 0.79 0.00	24.63 0.67 0.00	23.35 0.61 0.00	23.06 0.63 0.00	23.56 0.64 0.00	26.59 0.75 0.00	26.03 0.71 0.00	24.67 0.72 0.00	20.61 0.66 0.00	19.97 0.66 0.00	20.47 0.63 0.00	21.07 0.71 0.00	22.82 0.73 0.00	22.87 0.75 0.00	26.90 0.86 0.00	31.76 0.98 0.00	42.76 1.25 0.00	50.29 1.42 0.00	46.08 1.26 0.00	43.75 1.52 0.00	34.89 1.21 0.00	29.90 0.98 0.00	26.84 0.83 0.00
RANKINE____ 23646	27.60 -1.03 0.00	25.48 -0.81 0.00	23.26 -0.69 0.00	21.97 -0.77 0.00	21.65 -0.79 0.00	21.91 -1.01 0.00	24.70 -1.14 0.00	24.66 -0.66 0.00	23.28 -0.67 0.00	19.53 -0.42 0.00	18.95 -0.37 0.00	19.82 -0.02 0.00	20.30 -0.06 0.00	22.21 0.11 -0.01	21.79 -0.33 0.00	23.02 -0.55 2.47	30.20 -0.89 -0.32	37.25 -1.54 2.73	38.89 -2.35 7.64	38.30 -2.29 4.24	31.81 -1.77 8.65	27.78 -1.28 4.62	28.32 -0.90 -0.30	26.00 -0.18 -0.17
RAVENSWOOD_GT2_1 24244	29.75 1.12 0.00	27.29 1.00 0.00	24.82 0.86 0.00	23.54 0.80 0.00	23.22 0.79 0.00	23.72 0.80 0.00	26.80 0.96 0.00	26.25 0.94 0.00	24.91 0.96 0.00	20.85 0.90 0.00	20.20 0.89 0.00	20.71 0.87 0.00	21.34 0.98 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.19 1.15 0.00	32.16 1.38 0.00	43.26 1.74 0.00	50.83 1.95 0.00	46.53 1.70 0.00	44.21 1.98 0.00	35.26 1.58 0.00	30.22 1.30 0.00	27.10 1.09 0.00
RAVENSWOOD_GT2_2 24245	29.75 1.12 0.00	27.29 1.00 0.00	24.82 0.86 0.00	23.54 0.80 0.00	23.22 0.79 0.00	23.72 0.80 0.00	26.80 0.96 0.00	26.25 0.94 0.00	24.91 0.96 0.00	20.85 0.90 0.00	20.20 0.89 0.00	20.71 0.87 0.00	21.34 0.98 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.19 1.15 0.00	32.16 1.38 0.00	43.26 1.74 0.00	50.83 1.95 0.00	46.53 1.70 0.00	44.21 1.98 0.00	35.26 1.58 0.00	30.22 1.30 0.00	27.10 1.09 0.00

RAVENSWOOD_GT2_3 24246	29.75 1.12 0.00	27.29 1.00 0.00	24.84 0.89 0.00	23.54 0.80 0.00	23.24 0.81 0.00	23.74 0.82 0.00	26.82 0.98 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.85 0.90 0.00	20.22 0.91 0.00	20.71 0.87 0.00	21.34 0.98 0.00	23.11 1.02 0.00	23.16 1.04 0.00	27.21 1.17 0.00	32.19 1.42 0.00	43.26 1.74 0.00	50.88 2.00 0.00	46.53 1.70 0.00	44.21 1.98 0.00	35.26 1.58 0.00	30.22 1.30 0.00	27.13 1.12 0.00
RAVENSWOOD_GT2_4 24247	29.75 1.12 0.00	27.29 1.00 0.00	24.84 0.89 0.00	23.54 0.80 0.00	23.24 0.81 0.00	23.74 0.82 0.00	26.82 0.98 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.85 0.90 0.00	20.22 0.91 0.00	20.71 0.87 0.00	21.34 0.98 0.00	23.11 1.02 0.00	23.16 1.04 0.00	27.21 1.17 0.00	32.19 1.42 0.00	43.26 1.74 0.00	50.88 2.00 0.00	46.53 1.70 0.00	44.21 1.98 0.00	35.26 1.58 0.00	30.22 1.30 0.00	27.13 1.12 0.00
RAVENSWOOD_GT3_1 24248	29.75 1.12 0.00	27.29 1.00 0.00	24.82 0.86 0.00	23.54 0.80 0.00	23.22 0.79 0.00	23.72 0.80 0.00	26.82 0.98 0.00	26.25 0.94 0.00	24.91 0.96 0.00	20.85 0.90 0.00	20.20 0.89 0.00	20.71 0.87 0.00	21.34 0.98 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.21 1.17 0.00	32.16 1.38 0.00	43.26 1.74 0.00	50.83 1.95 0.00	46.53 1.70 0.00	44.21 1.98 0.00	35.26 1.58 0.00	30.22 1.30 0.00	27.13 1.12 0.00
RAVENSWOOD_GT3_2 24249	29.75 1.12 0.00	27.29 1.00 0.00	24.82 0.86 0.00	23.54 0.80 0.00	23.22 0.79 0.00	23.72 0.80 0.00	26.82 0.98 0.00	26.25 0.94 0.00	24.91 0.96 0.00	20.85 0.90 0.00	20.20 0.89 0.00	20.71 0.87 0.00	21.34 0.98 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.21 1.17 0.00	32.16 1.38 0.00	43.26 1.74 0.00	50.83 1.95 0.00	46.53 1.70 0.00	44.21 1.98 0.00	35.26 1.58 0.00	30.22 1.30 0.00	27.13 1.12 0.00
RAVENSWOOD_GT3_3 24250	29.78 1.15 0.00	27.32 1.03 0.00	24.84 0.89 0.00	23.56 0.82 0.00	23.24 0.81 0.00	23.74 0.82 0.00	26.85 1.01 0.00	26.31 0.99 0.00	24.95 1.01 0.00	20.87 0.92 0.00	20.24 0.93 0.00	20.73 0.89 0.00	21.36 1.00 0.00	23.13 1.04 0.00	23.18 1.06 0.00	27.24 1.20 0.00	32.22 1.45 0.00	43.30 1.79 0.00	50.93 2.05 0.00	46.57 1.75 0.00	44.25 2.03 0.00	35.29 1.62 0.00	30.25 1.33 0.00	27.16 1.14 0.00
RAVENSWOOD_GT3_4 24251	29.78 1.15 0.00	27.32 1.03 0.00	24.84 0.89 0.00	23.56 0.82 0.00	23.24 0.81 0.00	23.74 0.82 0.00	26.85 1.01 0.00	26.31 0.99 0.00	24.95 1.01 0.00	20.87 0.92 0.00	20.24 0.93 0.00	20.73 0.89 0.00	21.36 1.00 0.00	23.13 1.04 0.00	23.18 1.06 0.00	27.24 1.20 0.00	32.22 1.45 0.00	43.30 1.79 0.00	50.93 2.05 0.00	46.57 1.75 0.00	44.25 2.03 0.00	35.29 1.62 0.00	30.25 1.33 0.00	27.16 1.14 0.00
RAVENSWOOD_GT_1 23729	29.84 1.20 0.00	27.34 1.05 0.00	24.89 0.93 0.00	23.60 0.86 0.00	23.28 0.85 0.00	23.76 0.85 0.00	26.82 0.98 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.89 0.94 0.00	20.24 0.93 0.00	20.75 0.91 0.00	21.38 1.02 0.00	23.13 1.04 0.00	23.18 1.06 0.00	27.21 1.17 0.00	32.19 1.42 0.00	43.30 1.79 0.00	50.93 2.05 0.00	46.53 1.70 0.00	44.25 2.03 0.00	35.29 1.62 0.00	30.28 1.36 0.00	27.21 1.20 0.00
RAVENSWOOD_GT_10 24258	29.75 1.12 0.00	27.29 1.00 0.00	24.82 0.86 0.00	23.54 0.80 0.00	23.22 0.79 0.00	23.72 0.80 0.00	26.82 0.98 0.00	26.25 0.94 0.00	24.91 0.96 0.00	20.85 0.90 0.00	20.20 0.89 0.00	20.71 0.87 0.00	21.34 0.98 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.21 1.17 0.00	32.16 1.38 0.00	43.26 1.74 0.00	50.83 1.95 0.00	46.53 1.70 0.00	44.21 1.98 0.00	35.26 1.58 0.00	30.22 1.30 0.00	27.10 1.09 0.00
RAVENSWOOD_GT_11 24259	29.75 1.12 0.00	27.29 1.00 0.00	24.82 0.86 0.00	23.54 0.80 0.00	23.22 0.79 0.00	23.72 0.80 0.00	26.82 0.98 0.00	26.25 0.94 0.00	24.91 0.96 0.00	20.85 0.90 0.00	20.20 0.89 0.00	20.71 0.87 0.00	21.34 0.98 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.21 1.17 0.00	32.16 1.38 0.00	43.26 1.74 0.00	50.83 1.95 0.00	46.53 1.70 0.00	44.21 1.98 0.00	35.26 1.58 0.00	30.22 1.30 0.00	27.10 1.09 0.00
RAVENSWOOD_GT_4 24252	29.75 1.12 0.00	27.26 0.97 0.00	24.82 0.86 0.00	23.54 0.80 0.00	23.22 0.79 0.00	23.72 0.80 0.00	26.82 0.98 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.85 0.90 0.00	20.20 0.89 0.00	20.71 0.87 0.00	21.32 0.96 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.21 1.17 0.00	32.16 1.38 0.00	43.26 1.74 0.00	50.88 2.00 0.00	46.53 1.70 0.00	44.21 1.98 0.00	35.26 1.58 0.00	30.22 1.30 0.00	27.10 1.09 0.00
RAVENSWOOD_GT_5 24254	29.75 1.12 0.00	27.26 0.97 0.00	24.82 0.86 0.00	23.54 0.80 0.00	23.22 0.79 0.00	23.72 0.80 0.00	26.82 0.98 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.85 0.90 0.00	20.20 0.89 0.00	20.71 0.87 0.00	21.32 0.96 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.21 1.17 0.00	32.16 1.38 0.00	43.26 1.74 0.00	50.88 2.00 0.00	46.53 1.70 0.00	44.21 1.98 0.00	35.26 1.58 0.00	30.22 1.30 0.00	27.10 1.09 0.00
RAVENSWOOD_GT_6 24253	29.75 1.12 0.00	27.26 0.97 0.00	24.82 0.86 0.00	23.54 0.80 0.00	23.22 0.79 0.00	23.72 0.80 0.00	26.82 0.98 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.85 0.90 0.00	20.20 0.89 0.00	20.71 0.87 0.00	21.32 0.96 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.21 1.17 0.00	32.16 1.38 0.00	43.26 1.74 0.00	50.88 2.00 0.00	46.53 1.70 0.00	44.21 1.98 0.00	35.26 1.58 0.00	30.22 1.30 0.00	27.10 1.09 0.00
RAVENSWOOD_GT_7 24255	29.75 1.12 0.00	27.26 0.97 0.00	24.82 0.86 0.00	23.54 0.80 0.00	23.22 0.79 0.00	23.72 0.80 0.00	26.82 0.98 0.00	26.28 0.96 0.00	24.93 0.98 0.00	20.85 0.90 0.00	20.20 0.89 0.00	20.71 0.87 0.00	21.32 0.96 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.21 1.17 0.00	32.16 1.38 0.00	43.26 1.74 0.00	50.88 2.00 0.00	46.53 1.70 0.00	44.21 1.98 0.00	35.26 1.58 0.00	30.22 1.30 0.00	27.10 1.09 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.75 1.12 0.00	27.29 1.00 0.00	24.82 0.86 0.00	23.54 0.80 0.00	23.22 0.79 0.00	23.72 0.80 0.00	26.82 0.98 0.00	26.25 0.94 0.00	24.91 0.96 0.00	20.85 0.90 0.00	20.20 0.89 0.00	20.71 0.87 0.00	21.34 0.98 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.21 1.17 0.00	32.16 1.38 0.00	43.26 1.74 0.00	50.83 1.95 0.00	46.53 1.70 0.00	44.21 1.98 0.00	35.26 1.58 0.00	30.22 1.30 0.00	27.10 1.09 0.00
RAVENSWOOD_GT_9 24257	29.75 1.12 0.00	27.29 1.00 0.00	24.82 0.86 0.00	23.54 0.80 0.00	23.22 0.79 0.00	23.72 0.80 0.00	26.82 0.98 0.00	26.25 0.94 0.00	24.91 0.96 0.00	20.85 0.90 0.00	20.20 0.89 0.00	20.71 0.87 0.00	21.34 0.98 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.21 1.17 0.00	32.16 1.38 0.00	43.26 1.74 0.00	50.83 1.95 0.00	46.53 1.70 0.00	44.21 1.98 0.00	35.26 1.58 0.00	30.22 1.30 0.00	27.10 1.09 0.00

RAVENSWOOD___1 23533	29.81 1.17 0.00	27.34 1.05 0.00	24.89 0.93 0.00	23.60 0.86 0.00	23.28 0.85 0.00	23.74 0.82 0.00	26.72 0.88 0.00	26.26 0.94 0.00	24.91 0.96 0.00	20.87 0.92 0.00	20.24 0.93 0.00	20.75 0.91 0.00	21.36 1.00 0.00	23.11 1.02 0.00	23.16 1.04 0.00	27.21 1.17 0.00	32.16 1.39 0.00	43.46 1.95 0.00	50.88 2.00 0.00	46.49 1.66 0.00	44.30 2.07 0.00	35.26 1.58 0.00	30.22 1.30 0.00	27.18 1.17 0.00
RAVENSWOOD___2 23534	29.78 1.15 0.00	27.34 1.05 0.00	24.89 0.93 0.00	23.60 0.86 0.00	23.26 0.83 0.00	23.72 0.80 0.00	26.72 0.88 0.00	26.26 0.94 0.00	24.91 0.96 0.00	20.87 0.92 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.36 1.00 0.00	23.08 0.99 0.00	23.16 1.04 0.00	27.21 1.17 0.00	32.16 1.39 0.00	43.42 1.91 0.00	50.88 2.00 0.00	46.49 1.66 0.00	44.30 2.07 0.00	35.22 1.55 0.00	30.22 1.30 0.00	27.18 1.17 0.00
RAVENSWOOD___3 23535	29.75 1.12 0.00	27.26 0.97 0.00	24.82 0.86 0.00	23.54 0.80 0.00	23.22 0.78 0.00	23.72 0.80 0.00	26.72 0.88 0.00	26.26 0.94 0.00	24.91 0.96 0.00	20.85 0.90 0.00	20.20 0.89 0.00	20.71 0.87 0.00	21.32 0.96 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.21 1.17 0.00	32.16 1.39 0.00	43.30 1.78 0.00	50.73 1.86 0.00	46.49 1.66 0.00	44.17 1.94 0.00	35.22 1.55 0.00	30.19 1.27 0.00	27.13 1.12 0.00
RAVENSWOOD___4 23820	29.78 1.15 0.00	27.34 1.05 0.00	24.87 0.91 0.00	23.58 0.84 0.00	23.26 0.83 0.00	23.72 0.80 0.00	26.69 0.85 0.00	26.23 0.91 0.00	24.91 0.96 0.00	20.85 0.90 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.34 0.98 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.18 1.14 0.00	32.16 1.39 0.00	43.42 1.91 0.00	50.83 1.96 0.00	46.44 1.61 0.00	44.30 2.07 0.00	35.22 1.55 0.00	30.19 1.27 0.00	27.18 1.17 0.00
RCPL_TRUST___DRP 24196	29.78 1.15 0.00	27.29 1.00 0.00	24.84 0.89 0.00	23.56 0.82 0.00	23.24 0.81 0.00	23.74 0.82 0.00	26.85 1.01 0.00	26.31 0.99 0.00	24.95 1.01 0.00	20.87 0.92 0.00	20.24 0.93 0.00	20.73 0.89 0.00	21.36 1.00 0.00	23.11 1.02 0.00	23.18 1.06 0.00	27.24 1.20 0.00	32.19 1.42 0.00	43.30 1.79 0.00	50.93 2.05 0.00	46.57 1.75 0.00	44.25 2.03 0.00	35.29 1.62 0.00	30.25 1.33 0.00	27.13 1.12 0.00
RED___ROCHESTER 323720	28.26 -0.37 0.00	26.00 -0.29 0.00	23.69 -0.26 0.00	22.47 -0.27 0.00	22.23 -0.20 0.00	22.64 -0.27 0.00	25.82 -0.03 0.00	25.32 0.00 0.00	23.90 -0.05 0.00	19.95 0.00 0.00	19.35 0.04 0.00	20.02 0.18 0.00	20.52 0.16 0.00	22.34 0.24 -0.01	22.26 0.13 0.00	22.57 0.16 3.63	30.63 0.15 0.30	37.46 0.25 4.30	39.44 0.30 9.73	38.97 0.18 6.04	31.61 0.21 10.83	27.37 0.14 6.44	28.87 0.23 0.28	26.56 0.39 -0.16
REGAN___SOLAR 323812	30.07 1.43 0.00	27.60 1.31 0.00	25.20 1.24 0.00	23.90 1.16 0.00	23.53 1.10 0.00	24.04 1.12 0.00	27.13 1.29 0.00	26.36 1.04 0.00	24.33 0.38 0.00	19.91 -0.04 0.00	18.93 -0.39 0.00	19.22 -0.62 0.00	19.65 -0.71 0.00	21.43 -0.66 0.00	21.61 -0.51 0.00	25.78 -0.26 0.00	31.11 0.34 0.00	42.84 1.33 0.00	51.46 2.59 0.00	47.52 2.69 0.00	44.72 2.49 0.00	35.56 1.88 0.00	30.48 1.56 0.00	27.29 1.27 0.00
RENSSELAER___COGEN 23796	28.72 0.09 0.00	26.40 0.11 0.00	24.13 0.17 0.00	22.92 0.18 0.00	22.57 0.14 0.00	23.08 0.16 0.00	25.92 0.08 0.00	25.34 0.03 0.00	23.95 0.00 0.00	19.93 -0.02 0.00	19.28 -0.04 0.00	19.72 -0.12 0.00	20.24 -0.12 0.00	21.96 -0.13 0.00	22.01 -0.11 0.00	25.94 -0.10 0.00	30.68 -0.09 0.00	41.35 -0.17 0.00	48.83 -0.05 0.00	44.83 0.00 0.00	42.27 0.04 0.00	33.71 0.03 0.00	28.98 0.06 0.00	26.06 0.05 0.00
REPUBLIC_115KV_BARTNBRK 55605	31.13 2.49 0.00	28.58 2.29 0.00	26.14 2.18 0.00	24.81 2.07 0.00	24.38 1.95 0.00	24.91 1.99 0.00	28.11 2.27 0.00	27.32 2.00 0.00	25.36 1.41 0.00	20.99 1.04 0.00	19.88 0.56 0.00	20.19 0.36 0.00	20.59 0.22 0.00	22.49 0.40 0.00	22.63 0.51 0.00	26.93 0.89 0.00	32.40 1.63 0.00	44.59 3.07 0.00	53.37 4.50 0.00	49.40 4.57 0.00	46.32 4.10 0.00	36.84 3.17 0.00	31.52 2.60 0.00	28.14 2.13 0.00
REVERE_CPPR_DRP 24186	29.12 0.49 0.00	26.74 0.45 0.00	24.34 0.38 0.00	23.13 0.39 0.00	22.79 0.36 0.00	23.28 0.37 0.00	26.31 0.47 0.00	25.77 0.46 0.00	24.31 0.36 0.00	20.62 0.16 -0.50	21.15 0.12 -1.72	21.72 0.16 -1.72	20.51 0.14 -0.01	22.30 0.20 -0.01	25.20 0.22 -2.86	30.36 0.36 -3.95	33.25 0.58 -1.90	46.03 0.91 -3.60	52.46 1.32 -2.26	52.33 1.34 -6.16	44.15 1.22 -0.69	36.49 0.74 -2.07	31.40 0.69 -1.79	26.64 0.49 -0.14
REYNLDPA_13_KV_LD 356490	28.98 0.34 0.00	26.61 0.32 0.00	24.25 0.29 0.00	23.01 0.27 0.00	22.70 0.27 0.00	23.21 0.30 0.00	26.13 0.28 0.00	25.62 0.30 0.00	24.24 0.29 0.00	19.30 0.24 0.89	16.57 0.29 3.04	17.07 0.28 3.05	20.61 0.26 0.01	22.36 0.27 0.00	17.40 0.33 5.06	22.23 0.34 4.15	31.20 0.43 0.00	40.21 0.54 1.84	46.99 0.54 2.42	38.31 0.45 6.97	42.10 0.21 0.34	33.94 0.27 0.00	29.12 0.20 0.00	26.19 0.18 0.00
REYNOLDS_115KV_TB3 80639	28.92 0.29 0.00	26.58 0.29 0.00	24.29 0.34 0.00	23.08 0.34 0.00	22.75 0.31 0.00	23.24 0.32 0.00	26.15 0.31 0.00	25.49 0.18 0.00	24.12 0.17 0.00	20.05 0.10 0.00	19.41 0.10 0.00	19.86 0.02 0.00	20.36 0.00 0.00	22.11 0.02 0.00	22.14 0.02 0.00	26.09 0.05 0.00	30.83 0.06 0.00	41.60 0.08 0.00	49.27 0.39 0.00	45.18 0.36 0.00	42.57 0.34 0.00	33.98 0.30 0.00	29.21 0.29 0.00	26.27 0.26 0.00
RIVERBAY____ 323610	30.15 1.52 0.00	27.68 1.39 0.00	25.20 1.25 0.00	23.90 1.16 0.00	23.58 1.14 0.00	23.97 1.05 0.00	27.00 1.16 0.00	26.36 1.04 0.00	24.98 1.03 0.00	20.93 0.98 0.00	20.28 0.97 0.00	20.79 0.95 0.00	21.42 1.06 0.00	23.15 1.06 0.00	23.21 1.08 0.00	27.24 1.20 0.00	32.22 1.45 0.00	43.38 1.87 0.00	50.98 2.10 0.00	46.62 1.79 0.00	44.34 2.11 0.00	35.46 1.78 0.00	30.51 1.59 0.00	27.49 1.48 0.00
RIVERSDE_115KV_TB3 55908	28.81 0.17 0.00	26.50 0.21 0.00	24.22 0.26 0.00	23.01 0.27 0.00	22.68 0.25 0.00	23.17 0.25 0.00	26.05 0.21 0.00	25.42 0.10 0.00	24.02 0.07 0.00	19.99 0.04 0.00	19.35 0.04 0.00	19.78 -0.06 0.00	20.30 -0.06 0.00	22.02 -0.07 0.00	22.08 -0.04 0.00	26.01 -0.03 0.00	30.74 -0.03 0.00	41.47 -0.04 0.00	49.12 0.24 0.00	45.05 0.22 0.00	42.44 0.21 0.00	33.88 0.20 0.00	29.12 0.20 0.00	26.17 0.16 0.00
ROARING___BROOK_WT_PWR 323790	28.38 -0.26 0.00	25.90 -0.39 0.00	23.53 -0.43 0.00	22.29 -0.45 0.00	21.94 -0.49 0.00	22.41 -0.50 0.00	25.22 -0.62 0.00	24.74 -0.58 0.00	23.44 -0.50 0.00	19.45 -0.36 0.15	18.55 -0.25 0.51	19.09 -0.24 0.51	20.14 -0.22 0.00	21.87 -0.22 0.00	21.07 -0.20 0.85	25.11 -0.23 0.69	30.53 -0.25 0.00	40.87 -0.33 0.31	47.98 -0.49 0.41	42.99 -0.67 1.17	41.28 -0.89 0.06	32.83 -0.84 0.00	28.14 -0.78 0.00	25.23 -0.78 0.00

ROCHESRG_115KV_T4 355643	28.03 -0.60 0.00	25.79 -0.50 0.00	23.50 -0.46 0.00	22.31 -0.43 0.00	22.01 -0.43 0.00	22.46 -0.46 0.00	25.35 -0.49 0.00	25.09 -0.23 0.00	23.68 -0.26 0.00	19.77 -0.18 0.00	19.16 -0.15 0.00	19.82 -0.02 0.00	20.32 -0.04 0.00	22.14 0.04 -0.01	22.01 -0.11 0.00	22.11 -0.16 3.78	30.16 -0.22 0.40	36.71 -0.29 4.51	38.37 -0.54 9.96	38.03 -0.54 6.26	30.71 -0.46 11.06	26.67 -0.34 6.67	28.37 -0.17 0.37	26.24 0.08 -0.16
ROCHESTER_9_IC 23652	28.15 -0.49 0.00	25.90 -0.39 0.00	23.57 -0.38 0.00	22.40 -0.34 0.00	22.10 -0.34 0.00	22.55 -0.37 0.00	25.48 -0.36 0.00	25.22 -0.10 0.00	23.80 -0.14 0.00	19.87 -0.08 0.00	19.26 -0.06 0.00	19.92 0.08 0.00	20.42 0.06 0.00	22.25 0.15 -0.01	22.14 0.02 0.00	22.41 0.00 3.63	30.47 0.00 0.30	37.25 0.04 4.30	38.99 -0.15 9.73	38.61 -0.18 6.04	31.23 -0.17 10.83	27.13 -0.10 6.44	28.66 0.03 0.28	26.40 0.23 -0.16
ROCKVIEW_13_KV_LD 356306	29.72 1.09 0.00	27.26 0.97 0.00	24.82 0.86 0.00	23.54 0.80 0.00	23.22 0.79 0.00	23.74 0.82 0.00	26.80 0.96 0.00	26.25 0.94 0.00	24.91 0.96 0.00	20.83 0.88 0.00	20.20 0.89 0.00	20.69 0.85 0.00	21.34 0.98 0.00	23.11 1.02 0.00	23.14 1.02 0.00	27.21 1.17 0.00	32.13 1.35 0.00	43.26 1.74 0.00	50.88 2.00 0.00	46.57 1.75 0.00	44.21 1.98 0.00	35.26 1.58 0.00	30.22 1.30 0.00	27.10 1.09 0.00
ROME____115KV_TB2 80656	29.12 0.49 0.00	26.74 0.45 0.00	24.34 0.38 0.00	23.13 0.39 0.00	22.79 0.36 0.00	23.28 0.37 0.00	26.31 0.47 0.00	25.77 0.46 0.00	24.31 0.36 0.00	20.62 0.16 -0.50	21.15 0.12 -1.72	21.72 0.16 -1.72	20.51 0.14 -0.01	22.30 0.20 -0.01	25.20 0.22 -2.86	30.36 0.36 -3.95	33.25 0.58 -1.90	46.03 0.91 -3.60	52.46 1.32 -2.26	52.33 1.34 -6.16	44.15 1.22 -0.69	36.49 0.74 -2.07	31.40 0.69 -1.79	26.64 0.49 -0.14
ROSETON____1 23587	29.41 0.77 0.00	26.97 0.68 0.00	24.56 0.60 0.00	23.33 0.59 0.00	22.99 0.56 0.00	23.51 0.59 0.00	26.46 0.62 0.00	25.95 0.63 0.00	24.59 0.65 0.00	20.53 0.58 0.00	19.89 0.58 0.00	20.39 0.55 0.00	20.97 0.61 0.00	22.73 0.64 0.00	22.76 0.64 0.00	26.80 0.76 0.00	31.63 0.86 0.00	42.63 1.12 0.00	50.10 1.22 0.00	45.95 1.12 0.00	43.54 1.31 0.00	34.72 1.05 0.00	29.76 0.84 0.00	26.74 0.73 0.00
ROSETON____2 23588	29.41 0.77 0.00	26.97 0.68 0.00	24.56 0.60 0.00	23.33 0.59 0.00	22.99 0.56 0.00	23.51 0.59 0.00	26.46 0.62 0.00	25.95 0.63 0.00	24.59 0.65 0.00	20.53 0.58 0.00	19.89 0.58 0.00	20.39 0.55 0.00	20.97 0.61 0.00	22.73 0.64 0.00	22.76 0.64 0.00	26.80 0.76 0.00	31.63 0.86 0.00	42.63 1.12 0.00	50.10 1.22 0.00	45.95 1.12 0.00	43.54 1.31 0.00	34.72 1.05 0.00	29.76 0.84 0.00	26.74 0.73 0.00
ROTRRDAM_115KV_TB3 80664	29.24 0.60 0.00	26.84 0.55 0.00	24.48 0.53 0.00	23.24 0.50 0.00	22.93 0.49 0.00	23.42 0.50 0.00	26.41 0.57 0.00	25.80 0.48 0.00	24.31 0.36 0.00	20.21 0.26 0.00	19.49 0.17 0.00	19.96 0.12 0.00	20.48 0.12 0.00	22.22 0.13 0.00	22.28 0.15 0.00	26.27 0.23 0.00	31.14 0.37 0.00	42.14 0.62 0.00	49.85 0.98 0.00	45.77 0.94 0.00	43.16 0.93 0.00	34.42 0.74 0.00	29.52 0.61 0.00	26.53 0.52 0.00
RUSSELL____1 23602	28.26 -0.37 0.00	25.97 -0.32 0.00	23.67 -0.29 0.00	22.47 -0.27 0.00	22.16 -0.27 0.00	22.64 -0.27 0.00	25.58 -0.26 0.00	25.32 0.00 0.00	23.90 -0.05 0.00	19.95 0.00 0.00	19.35 0.04 0.00	20.02 0.18 0.00	20.52 0.16 0.00	22.34 0.24 -0.01	22.25 0.13 0.00	22.57 0.16 3.63	30.66 0.18 0.30	37.54 0.33 4.30	39.34 0.20 9.73	38.92 0.13 6.04	31.49 0.08 10.83	27.33 0.10 6.44	28.81 0.17 0.28	26.56 0.39 -0.16
RUSSELL____2 23532	28.26 -0.37 0.00	25.97 -0.32 0.00	23.67 -0.29 0.00	22.47 -0.27 0.00	22.16 -0.27 0.00	22.64 -0.27 0.00	25.58 -0.26 0.00	25.32 0.00 0.00	23.90 -0.05 0.00	19.95 0.00 0.00	19.35 0.04 0.00	20.02 0.18 0.00	20.52 0.16 0.00	22.34 0.24 -0.01	22.25 0.13 0.00	22.57 0.16 3.63	30.66 0.18 0.30	37.54 0.33 4.30	39.34 0.20 9.73	38.92 0.13 6.04	31.49 0.08 10.83	27.33 0.10 6.44	28.81 0.17 0.28	26.56 0.39 -0.16
RUSSELL____3 23549	28.26 -0.37 0.00	25.97 -0.32 0.00	23.67 -0.29 0.00	22.47 -0.27 0.00	22.16 -0.27 0.00	22.64 -0.27 0.00	25.58 -0.26 0.00	25.32 0.00 0.00	23.90 -0.05 0.00	19.95 0.00 0.00	19.35 0.04 0.00	20.02 0.18 0.00	20.52 0.16 0.00	22.34 0.24 0.00	22.25 0.13 0.00	22.57 0.16 3.63	30.66 0.18 0.30	37.54 0.33 4.30	39.34 0.20 9.73	38.92 0.13 6.04	31.49 0.08 10.83	27.33 0.10 6.44	28.81 0.17 0.28	26.56 0.39 -0.16
RUSSELL____4 23556	28.26 -0.37 0.00	25.97 -0.32 0.00	23.67 -0.29 0.00	22.47 -0.27 0.00	22.16 -0.27 0.00	22.64 -0.27 0.00	25.58 -0.26 0.00	25.32 0.00 0.00	23.90 -0.05 0.00	19.95 0.00 0.00	19.35 0.04 0.00	20.02 0.18 0.00	20.52 0.16 0.00	22.34 0.24 -0.01	22.25 0.13 0.00	22.57 0.16 3.63	30.66 0.18 0.30	37.54 0.33 4.30	39.34 0.20 9.73	38.92 0.13 6.04	31.49 0.08 10.83	27.33 0.10 6.44	28.81 0.17 0.28	26.56 0.39 -0.16
RUSSELL____STATION 23914	28.26 -0.37 0.00	25.97 -0.32 0.00	23.67 -0.29 0.00	22.47 -0.27 0.00	22.16 -0.27 0.00	22.64 -0.27 0.00	25.58 -0.26 0.00	25.32 0.00 0.00	23.90 -0.05 0.00	19.95 0.00 0.00	19.35 0.04 0.00	20.02 0.18 0.00	20.52 0.16 0.00	22.34 0.24 -0.01	22.25 0.13 0.00	22.57 0.16 3.63	30.66 0.18 0.30	37.54 0.33 4.30	39.34 0.20 9.73	38.92 0.13 6.04	31.49 0.08 10.83	27.33 0.10 6.44	28.81 0.17 0.28	26.56 0.39 -0.16
S SALMON____HYD 24043	28.40 -0.23 0.00	26.11 -0.18 0.00	23.76 -0.19 0.00	22.56 -0.18 0.00	22.25 -0.18 0.00	22.71 -0.21 0.00	25.69 -0.15 0.00	25.20 -0.13 -0.01	23.76 -0.19 0.00	20.31 -0.22 -0.58	21.02 -0.25 -1.96	21.61 -0.20 -1.97	20.15 -0.22 -0.01	21.89 -0.22 -0.02	25.19 -0.20 -3.26	34.81 -0.18 -8.95	36.91 -0.34 -6.47	51.98 -0.37 -10.84	55.40 -0.34 -6.86	58.01 -0.22 -13.41	46.51 -0.17 -4.46	42.06 -0.13 -8.52	34.95 -0.06 -6.09	26.34 -0.10 -0.43
S.PERRY__115KV_TB1 80734	28.69 0.06 0.00	26.37 0.08 0.00	23.98 0.02 0.00	22.74 0.00 0.00	22.43 0.00 0.00	22.89 -0.02 0.00	25.92 0.08 0.00	25.67 0.35 0.00	24.09 0.14 0.00	19.95 0.00 0.00	19.26 -0.06 0.00	20.00 0.16 0.00	20.50 0.14 0.00	22.39 0.29 -0.01	22.30 0.18 0.00	24.50 0.23 1.77	31.92 0.37 -0.78	40.62 0.87 1.76	43.45 1.12 6.55	42.67 1.03 3.19	35.49 0.80 7.54	30.73 0.61 3.56	30.26 0.61 -0.74	26.95 0.75 -0.19
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.52 -1.12 0.00	25.40 -0.89 0.00	23.17 -0.79 0.00	21.90 -0.84 0.00	21.58 -0.85 0.00	21.86 -1.05 0.00	24.65 -1.19 0.00	24.63 -0.68 0.00	23.25 -0.69 0.00	19.49 -0.46 0.00	18.91 -0.41 0.00	19.76 -0.08 0.00	20.24 -0.12 0.00	22.17 0.07 -0.01	21.68 -0.44 0.00	22.68 -0.70 2.66	29.91 -1.08 -0.21	36.73 -1.79 3.00	38.27 -2.64 7.97	37.73 -2.56 4.54	31.26 -1.98 8.98	27.35 -1.41 4.91	28.13 -0.98 -0.20	25.97 -0.21 -0.17

SAWYER___23_KV_LOAD 55526	27.52 -1.12 0.00	25.40 -0.89 0.00	23.17 -0.79 0.00	21.90 -0.84 0.00	21.58 -0.85 0.00	21.86 -1.05 0.00	24.65 -1.19 0.00	24.63 -0.68 0.00	23.25 -0.69 0.00	19.49 -0.46 0.00	18.91 -0.41 0.00	19.76 -0.08 0.00	20.24 -0.12 0.00	22.17 0.07 -0.01	21.68 -0.44 0.00	22.68 -0.70 2.66	29.91 -1.08 -0.21	36.73 -1.79 3.00	38.27 -2.64 7.97	37.73 -2.56 4.54	31.26 -1.98 8.98	27.35 -1.41 4.91	28.13 -0.98 -0.20	25.97 -0.21 -0.17
SELKIRK___I 23801	28.98 0.34 0.00	26.66 0.37 0.00	24.34 0.38 0.00	23.10 0.36 0.00	22.77 0.34 0.00	23.26 0.34 0.00	26.15 0.31 0.00	25.55 0.23 0.00	24.07 0.12 0.00	19.99 0.04 0.00	19.31 0.00 0.00	19.76 -0.08 0.00	20.26 -0.10 0.00	22.00 -0.09 0.00	22.06 -0.07 0.00	26.01 -0.03 0.00	30.80 0.03 0.00	41.64 0.12 0.00	49.22 0.34 0.00	45.23 0.40 0.00	42.61 0.38 0.00	34.01 0.34 0.00	29.24 0.32 0.00	26.27 0.26 0.00
SELKIRK___II 23799	28.86 0.23 0.00	26.50 0.21 0.00	24.20 0.24 0.00	22.99 0.25 0.00	22.66 0.22 0.00	23.14 0.23 0.00	26.02 0.18 0.00	25.47 0.15 0.00	24.07 0.12 0.00	20.03 0.08 0.00	19.39 0.08 0.00	19.86 0.02 0.00	20.38 0.02 0.00	22.11 0.02 0.00	22.14 0.02 0.00	26.09 0.05 0.00	30.86 0.09 0.00	41.60 0.08 0.00	49.07 0.20 0.00	45.05 0.23 0.00	42.48 0.25 0.00	33.88 0.20 0.00	29.12 0.20 0.00	26.19 0.18 0.00
SENECA OSWGO___HYD 24041	28.09 -0.54 0.00	25.82 -0.47 0.00	23.53 -0.43 0.00	22.31 -0.43 0.00	22.03 -0.40 0.00	22.50 -0.41 0.00	25.43 -0.41 0.00	24.95 -0.38 -0.01	23.56 -0.38 0.00	19.81 -0.34 -0.19	19.65 -0.33 -0.66	20.20 -0.30 -0.66	20.06 -0.30 0.00	21.81 -0.31 -0.03	22.91 -0.31 -1.10	37.11 -0.36 -11.44	40.04 -0.49 -9.76	57.04 -0.67 -16.19	59.70 -0.73 -11.56	60.91 -0.67 -16.76	51.46 -0.63 -9.86	47.92 -0.54 -14.79	37.74 -0.38 -9.20	26.27 -0.34 -0.60
SENECA___115KV_TB3 355854	27.63 -1.00 0.00	25.50 -0.79 0.00	23.29 -0.67 0.00	21.99 -0.75 0.00	21.67 -0.76 0.00	21.91 -1.01 0.00	24.73 -1.11 0.00	24.68 -0.63 0.00	23.30 -0.65 0.00	19.55 -0.40 0.00	18.97 -0.35 0.00	19.84 0.00 0.00	20.32 -0.04 0.00	22.25 0.15 -0.01	21.81 -0.31 0.00	23.05 -0.52 2.47	30.24 -0.86 -0.32	37.33 -1.45 2.73	38.99 -2.25 7.64	38.34 -2.24 4.24	31.85 -1.73 8.65	27.81 -1.25 4.62	28.35 -0.87 -0.30	26.05 -0.13 -0.17
SENECA___ENERGY 23797	28.52 -0.11 0.00	26.24 -0.05 0.00	23.86 -0.10 0.00	22.60 -0.14 0.00	22.34 -0.09 0.00	22.80 -0.11 0.00	25.87 0.03 0.00	25.37 0.05 -0.01	23.95 0.00 0.00	20.03 -0.04 -0.12	19.63 -0.08 -0.40	20.28 0.04 -0.40	20.40 0.04 0.00	22.20 0.09 -0.02	22.87 0.09 -0.66	30.84 0.10 -4.70	35.83 0.15 -4.91	48.58 0.21 -6.86	51.85 0.34 -2.63	51.75 0.27 -6.65	43.78 0.21 -1.34	39.21 0.17 -5.37	33.71 0.17 -4.62	26.55 0.18 -0.36
SHOEMAKER___GT 23640	29.26 0.63 0.00	26.87 0.58 0.00	24.46 0.50 0.00	23.22 0.48 0.00	22.90 0.47 0.00	23.42 0.50 0.00	26.36 0.52 0.00	25.85 0.53 0.00	24.45 0.50 0.00	20.41 0.46 0.00	19.76 0.44 0.00	20.25 0.42 0.00	20.83 0.47 0.00	22.58 0.49 0.00	22.63 0.51 0.00	26.64 0.60 0.00	31.48 0.71 0.00	42.47 0.96 0.00	49.95 1.07 0.00	45.81 0.98 0.00	43.41 1.18 0.00	34.58 0.91 0.00	29.64 0.72 0.00	26.66 0.65 0.00
SHOEMAKR_138KV_BK 111 55601	29.29 0.66 0.00	26.89 0.60 0.00	24.48 0.53 0.00	23.22 0.48 0.00	22.90 0.47 0.00	23.42 0.50 0.00	26.41 0.57 0.00	25.85 0.53 0.00	24.47 0.53 0.00	20.41 0.46 0.00	19.78 0.46 0.00	20.27 0.44 0.00	20.85 0.49 0.00	22.60 0.51 0.00	22.65 0.53 0.00	26.66 0.62 0.00	31.51 0.74 0.00	42.47 0.95 0.00	50.05 1.17 0.00	45.81 0.99 0.00	43.41 1.18 0.00	34.58 0.91 0.00	29.67 0.75 0.00	26.66 0.65 0.00
SHOREHAM_IC_1 23715	29.12 0.49 0.00	26.55 0.26 0.00	24.08 0.12 0.00	22.94 0.20 0.00	22.66 0.22 0.00	23.14 0.23 0.00	25.97 0.13 0.00	25.62 0.30 0.00	24.21 0.26 0.00	20.19 0.24 0.00	19.84 0.52 0.00	20.17 0.34 0.00	20.79 0.43 0.00	22.64 0.55 0.00	22.81 0.69 0.00	26.85 0.81 0.00	31.85 1.08 0.00	42.09 0.58 0.01	49.16 0.30 0.01	45.18 0.36 0.00	42.85 0.63 0.01	34.88 1.21 0.00	29.70 0.78 0.00	26.56 0.55 0.00
SHOREHAM_IC_2 23716	29.12 0.49 0.00	26.55 0.26 0.00	24.10 0.14 0.00	22.90 0.16 0.00	22.68 0.25 0.00	23.10 0.18 0.00	26.05 0.21 0.00	25.62 0.30 0.00	24.21 0.26 0.00	20.19 0.24 0.00	19.84 0.52 0.00	20.17 0.34 0.00	20.79 0.43 0.00	22.64 0.55 0.00	22.81 0.69 0.00	26.82 0.78 0.00	31.85 1.08 0.00	41.96 0.46 0.01	49.31 0.44 0.01	45.32 0.49 0.00	42.94 0.72 0.01	34.99 1.31 0.00	29.76 0.84 0.00	26.56 0.55 0.00
SISSONVILLE____ 23735	29.26 0.63 0.00	26.84 0.55 0.00	24.44 0.48 0.00	23.22 0.48 0.00	22.90 0.47 0.00	23.40 0.48 0.00	26.38 0.54 0.00	25.85 0.53 0.00	24.45 0.50 0.00	26.16 0.36 -5.85	39.61 0.41 -19.89	40.20 0.40 -19.97	20.72 0.29 -0.08	22.36 0.27 0.00	55.62 0.40 -33.10	54.40 0.44 -27.92	32.27 0.58 -0.91	55.63 0.83 -13.29	65.98 0.83 -16.27	92.35 0.85 -46.68	45.26 0.55 -2.48	35.14 0.47 -1.00	30.12 0.35 -0.86	26.31 0.23 -0.07
SITHE_IND_GS1 24169	27.78 -0.86 0.00	25.53 -0.76 0.00	23.24 -0.72 0.00	22.06 -0.68 0.00	21.78 -0.65 0.00	22.23 -0.69 0.00	25.12 -0.72 0.00	24.57 -0.71 0.04	23.28 -0.67 0.00	19.39 -0.56 0.00	18.77 -0.54 0.00	19.30 -0.53 0.00	19.81 -0.55 0.00	21.38 -0.60 0.12	21.53 -0.60 0.00	-73.76 -0.70 99.10	-33.85 -0.86 63.76	-97.79 -1.16 138.14	-110.67 -1.37 158.18	-107.06 -1.25 150.64	-119.36 -1.18 160.41	-118.72 -0.94 151.46	-31.92 -0.78 60.06	23.08 -0.68 2.26
SITHE_IND_GS2 24170	27.78 -0.86 0.00	25.53 -0.76 0.00	23.24 -0.72 0.00	22.06 -0.68 0.00	21.78 -0.65 0.00	22.23 -0.69 0.00	25.12 -0.72 0.00	24.57 -0.71 0.04	23.28 -0.67 0.00	19.39 -0.56 0.00	18.77 -0.54 0.00	19.30 -0.53 0.00	19.81 -0.55 0.00	21.38 -0.60 0.12	21.53 -0.60 0.00	-73.76 -0.70 99.10	-33.85 -0.86 63.76	-97.79 -1.16 138.14	-110.67 -1.37 158.18	-107.06 -1.25 150.64	-119.36 -1.18 160.41	-118.72 -0.94 151.46	-31.92 -0.78 60.06	23.08 -0.68 2.26
SITHE_IND_GS3 24171	27.78 -0.86 0.00	25.53 -0.76 0.00	23.24 -0.72 0.00	22.06 -0.68 0.00	21.78 -0.65 0.00	22.23 -0.69 0.00	25.12 -0.72 0.00	24.57 -0.71 0.04	23.28 -0.67 0.00	19.39 -0.56 0.00	18.77 -0.54 0.00	19.30 -0.53 0.00	19.81 -0.55 0.00	21.38 -0.60 0.12	21.53 -0.60 0.00	-73.76 -0.70 99.10	-33.85 -0.86 63.76	-97.79 -1.16 138.14	-110.67 -1.37 158.18	-107.06 -1.25 150.64	-119.36 -1.18 160.41	-118.72 -0.94 151.46	-31.92 -0.78 60.06	23.08 -0.68 2.26
SITHE_IND_GS4 24172	27.78 -0.86 0.00	25.53 -0.76 0.00	23.24 -0.72 0.00	22.06 -0.68 0.00	21.78 -0.65 0.00	22.23 -0.69 0.00	25.12 -0.72 0.00	24.57 -0.71 0.04	23.28 -0.67 0.00	19.39 -0.56 0.00	18.77 -0.54 0.00	19.30 -0.53 0.00	19.81 -0.55 0.00	21.38 -0.60 0.12	21.53 -0.60 0.00	-73.76 -0.70 99.10	-33.85 -0.86 63.76	-97.79 -1.16 138.14	-110.67 -1.37 158.18	-107.06 -1.25 150.64	-119.36 -1.18 160.41	-118.72 -0.94 151.46	-31.92 -0.78 60.06	23.08 -0.68 2.26

SITHE___BATAVIA 24024	28.32 -0.31 0.00	26.16 -0.13 0.00	23.84 -0.12 0.00	22.56 -0.18 0.00	22.37 -0.07 0.00	22.66 -0.25 0.00	26.02 0.18 0.00	25.52 0.20 0.00	24.04 0.10 0.00	20.09 0.14 0.00	19.47 0.15 0.00	20.21 0.38 0.00	20.71 0.35 0.00	22.50 0.40 -0.01	22.26 0.13 0.00	23.07 0.13 3.10	30.85 0.09 0.01	38.01 0.08 3.58	40.24 0.15 8.79	39.65 0.04 5.22	32.51 0.13 9.85	28.16 0.10 5.61	29.19 0.29 0.01	26.83 0.65 -0.17
SITHE___INDEPEND 23800	27.78 -0.86 0.00	25.50 -0.79 0.00	23.24 -0.72 0.00	22.06 -0.68 0.00	21.76 -0.67 0.00	22.23 -0.69 0.00	25.09 -0.75 0.00	24.61 -0.71 0.00	23.28 -0.67 0.00	19.39 -0.56 0.00	18.77 -0.54 0.00	19.30 -0.54 0.00	19.81 -0.55 0.00	21.37 -0.60 0.12	21.52 -0.60 0.00	-73.76 -0.70 99.10	-33.85 -0.86 63.76	-97.79 -1.16 138.14	-110.67 -1.37 158.18	-107.06 -1.26 150.64	-119.36 -1.18 160.41	-118.72 -0.94 151.46	-31.92 -0.78 60.06	23.08 -0.68 2.26
SITHE___MASSENA 23902	29.15 0.52 0.00	26.74 0.45 0.00	24.36 0.41 0.00	23.13 0.39 0.00	22.84 0.40 0.00	23.33 0.41 0.00	26.28 0.44 0.00	25.75 0.43 0.00	24.38 0.43 0.00	28.77 0.34 -8.48	48.53 0.37 -28.85	49.18 0.38 -28.97	20.80 0.32 -0.11	22.42 0.33 0.00	70.56 0.42 -48.02	65.87 0.44 -39.38	31.36 0.58 0.00	59.76 0.75 -17.50	72.69 0.83 -22.98	111.71 0.71 -66.17	45.94 0.47 -3.25	34.11 0.44 0.00	29.27 0.35 0.00	26.30 0.29 0.00
SITHE___OGDNSBRG 24021	29.49 0.86 0.00	27.05 0.76 0.00	24.65 0.69 0.00	23.40 0.66 0.00	23.08 0.65 0.00	23.60 0.69 0.00	26.62 0.78 0.00	26.05 0.73 0.00	24.57 0.62 0.00	27.24 0.42 -6.87	43.13 0.44 -23.37	43.76 0.46 -23.46	20.82 0.37 -0.09	22.47 0.38 0.00	61.53 0.51 -38.90	59.18 0.62 -32.51	32.35 0.86 -0.72	57.90 1.25 -15.14	69.25 1.42 -18.96	100.79 1.52 -54.44	46.19 1.14 -2.82	35.37 0.91 -0.79	30.35 0.75 -0.68	26.61 0.55 -0.05
SITHE___STERLING 23777	28.98 0.34 0.00	26.63 0.34 0.00	24.25 0.29 0.00	23.01 0.27 0.00	22.70 0.27 0.00	23.19 0.28 0.00	26.20 0.36 0.00	25.67 0.35 0.00	24.21 0.26 0.00	20.41 0.12 -0.34	20.55 0.08 -1.16	21.12 0.12 -1.16	20.49 0.12 0.00	22.25 0.16 -0.01	24.22 0.18 -1.92	29.71 0.29 -3.38	33.34 0.43 -2.13	45.75 0.66 -3.58	51.73 0.93 -1.93	50.96 0.98 -5.15	43.85 0.93 -0.69	36.58 0.57 -2.33	31.45 0.52 -2.01	26.56 0.39 -0.16
SLEIGHT__34_KV_TB1 80719	28.03 -0.60 0.00	25.76 -0.53 0.00	23.45 -0.50 0.00	22.26 -0.48 0.00	21.98 -0.45 0.00	22.46 -0.46 0.00	25.38 -0.47 0.00	25.06 -0.25 0.00	23.66 -0.29 0.00	19.71 -0.24 0.00	19.08 -0.23 0.00	19.74 -0.10 0.00	20.24 -0.12 0.00	22.01 -0.09 -0.01	21.99 -0.13 0.00	23.90 -0.16 1.98	31.48 -0.15 -0.86	39.41 -0.12 1.98	41.32 -0.24 7.31	40.99 -0.27 3.57	33.48 -0.34 8.41	29.43 -0.27 3.97	29.55 -0.17 -0.81	26.17 -0.05 -0.21
SMITHTWN_69_KV_BK 1 55830	29.58 0.94 0.00	26.97 0.68 0.00	24.48 0.53 0.00	23.24 0.50 0.00	22.99 0.56 0.00	23.44 0.53 0.00	26.49 0.65 0.00	25.95 0.63 0.00	24.62 0.67 0.00	20.55 0.60 0.00	20.16 0.85 0.00	20.55 0.71 0.00	21.18 0.81 0.00	23.06 0.97 0.00	23.21 1.08 0.00	27.29 1.25 0.00	32.37 1.60 0.00	42.63 1.12 0.01	50.04 1.17 0.01	45.95 1.12 0.00	43.57 1.35 0.01	35.46 1.78 0.00	30.22 1.30 0.00	26.97 0.96 0.00
SOUTH CAIRO___GT 23612	29.41 0.77 0.00	27.03 0.74 0.00	24.70 0.74 0.00	23.47 0.73 0.00	23.13 0.70 0.00	23.63 0.71 0.00	26.56 0.72 0.00	25.77 0.46 0.00	24.16 0.22 0.00	20.05 0.10 0.00	19.28 -0.04 0.00	19.68 -0.16 0.00	20.22 -0.14 0.00	21.98 -0.11 0.00	22.06 -0.07 0.00	26.14 0.10 0.00	31.17 0.40 0.00	42.47 0.95 0.00	50.54 1.66 0.00	46.26 1.43 0.00	43.54 1.31 0.00	34.55 0.88 0.00	29.73 0.81 0.00	26.71 0.70 0.00
SOUTH HAMPTN___IC 23720	29.44 0.80 0.00	26.84 0.55 0.00	24.36 0.41 0.00	23.19 0.45 0.00	22.93 0.49 0.00	23.40 0.48 0.00	26.20 0.36 0.00	25.80 0.48 0.00	24.43 0.48 0.00	20.37 0.42 0.00	20.01 0.69 0.00	20.35 0.51 0.00	20.97 0.61 0.00	22.84 0.75 0.00	23.03 0.91 0.00	27.08 1.04 0.00	32.19 1.42 0.00	42.50 0.99 0.01	49.65 0.78 0.01	45.68 0.85 0.00	43.28 1.06 0.01	35.22 1.55 0.00	29.99 1.07 0.00	26.87 0.86 0.00
SOUTHDOWN_115KV_TB1 355954	27.83 -0.80 0.00	25.69 -0.60 0.00	23.38 -0.57 0.00	21.99 -0.75 0.00	21.67 -0.76 0.00	21.84 -1.08 0.00	24.73 -1.11 0.00	24.66 -0.66 0.00	23.30 -0.65 0.00	19.57 -0.38 0.00	19.03 -0.29 0.00	19.96 0.12 0.00	20.48 0.12 0.00	22.50 0.40 -0.01	22.21 0.09 0.00	23.87 -0.05 2.12	31.02 -0.28 -0.53	38.52 -0.75 2.25	40.28 -1.56 7.03	39.33 -1.79 3.70	32.73 -1.48 8.02	28.43 -1.18 4.06	28.51 -0.90 -0.49	25.90 -0.29 -0.18
SOUTHOLD_69_KV_BK 2 55809	29.67 1.03 0.00	27.05 0.76 0.00	24.58 0.62 0.00	23.35 0.61 0.00	23.13 0.70 0.00	23.53 0.62 0.00	26.44 0.59 0.00	25.87 0.56 0.00	24.50 0.55 0.00	20.43 0.48 0.00	20.09 0.77 0.00	20.39 0.56 0.00	21.01 0.65 0.00	22.91 0.82 0.00	23.09 0.97 0.00	27.19 1.15 0.00	32.37 1.60 0.00	42.71 1.20 0.01	50.14 1.27 0.01	46.13 1.30 0.00	43.70 1.48 0.01	35.56 1.89 0.00	30.22 1.30 0.00	27.10 1.09 0.00
SOUTHOLD___IC 23719	29.64 1.00 0.00	27.05 0.76 0.00	24.56 0.60 0.00	23.40 0.66 0.00	23.13 0.70 0.00	23.58 0.66 0.00	26.33 0.49 0.00	25.87 0.56 0.00	24.50 0.55 0.00	20.43 0.48 0.00	20.09 0.77 0.00	20.41 0.58 0.00	21.01 0.65 0.00	22.91 0.82 0.00	23.09 0.97 0.00	27.21 1.17 0.00	32.37 1.60 0.00	42.79 1.29 0.01	49.99 1.13 0.01	45.99 1.16 0.00	43.57 1.35 0.01	35.46 1.78 0.00	30.16 1.24 0.00	27.10 1.09 0.00
SOUTH_FORK_WT_PWR 323839	29.55 0.92 0.00	26.97 0.68 0.00	24.51 0.55 0.00	23.35 0.61 0.00	23.06 0.63 0.00	23.51 0.59 0.00	26.20 0.36 0.00	25.70 0.38 0.00	24.31 0.36 0.00	20.27 0.32 0.00	19.93 0.62 0.00	20.23 0.40 0.00	20.83 0.47 0.00	22.73 0.64 0.00	22.92 0.80 0.00	27.00 0.96 0.00	32.16 1.39 0.00	42.50 0.99 0.01	49.60 0.73 0.01	45.68 0.85 0.00	43.32 1.10 0.01	35.26 1.58 0.00	30.02 1.10 0.00	27.02 1.01 0.00
SPIERFLS_115KV_TB 1 80737	30.04 1.40 0.00	27.58 1.29 0.00	25.20 1.25 0.00	23.92 1.18 0.00	23.55 1.12 0.00	24.06 1.15 0.00	27.13 1.29 0.00	26.46 1.14 0.00	24.76 0.81 0.00	20.55 0.60 0.00	19.55 0.23 0.00	19.94 0.10 0.00	20.38 0.02 0.00	22.16 0.07 0.00	22.25 0.13 0.00	26.35 0.31 0.00	31.45 0.68 0.00	43.13 1.62 0.00	51.32 2.44 0.00	47.34 2.51 0.00	44.55 2.32 0.00	35.46 1.78 0.00	30.39 1.47 0.00	27.21 1.20 0.00
ST LAWRENCE____ 23600	28.75 0.12 0.00	26.37 0.08 0.00	24.03 0.07 0.00	22.81 0.07 0.00	22.52 0.09 0.00	23.03 0.12 0.00	25.94 0.10 0.00	25.42 0.10 0.00	24.04 0.10 0.00	19.31 0.08 0.72	17.25 0.12 2.18	17.75 0.10 2.19	20.45 0.10 0.01	22.18 0.09 0.00	18.63 0.13 3.63	23.16 0.10 2.98	30.96 0.19 0.00	40.35 0.21 1.38	47.30 0.20 1.78	39.95 0.13 5.01	41.87 -0.08 0.28	33.67 0.00 0.00	28.89 -0.03 0.00	25.96 -0.05 0.00

STATE_CA_115KV_115_LB 55624	28.84 0.20 0.00	26.50 0.21 0.00	24.22 0.26 0.00	23.01 0.27 0.00	22.68 0.25 0.00	23.17 0.25 0.00	26.05 0.21 0.00	25.44 0.13 0.00	24.02 0.07 0.00	19.99 0.04 0.00	19.31 0.00 0.00	19.76 -0.08 0.00	20.26 -0.10 0.00	22.00 -0.09 0.00	22.06 -0.07 0.00	26.01 -0.03 0.00	30.77 0.00 0.00	41.51 0.00 0.00	49.12 0.24 0.00	45.05 0.22 0.00	42.48 0.25 0.00	33.88 0.20 0.00	29.15 0.23 0.00	26.17 0.16 0.00
STATE_ST_34_KV_LOAD 55959	28.49 -0.14 0.00	26.18 -0.11 0.00	23.84 -0.12 0.00	22.60 -0.14 0.00	22.32 -0.11 0.00	22.82 -0.09 0.00	25.76 -0.08 0.00	25.34 0.03 0.00	23.92 -0.02 0.00	20.01 -0.06 -0.12	19.64 -0.08 -0.41	20.26 0.02 -0.41	20.38 0.02 0.00	22.18 0.07 -0.02	22.86 0.07 -0.67	30.93 0.08 -4.82	35.93 0.12 -5.03	48.84 0.29 -7.03	51.96 0.39 -2.69	51.96 0.31 -6.82	43.81 0.21 -1.38	39.31 0.13 -5.51	33.77 0.12 -4.74	26.51 0.13 -0.37
STATION_5_MISC_HYD 23604	28.18 -0.46 0.00	25.92 -0.37 0.00	23.62 -0.34 0.00	22.40 -0.34 0.00	22.16 -0.27 0.00	22.57 -0.34 0.00	25.71 -0.13 0.00	25.22 -0.10 0.00	23.80 -0.14 0.00	19.87 -0.08 0.00	19.26 -0.06 0.00	19.92 0.08 0.00	20.44 0.08 0.00	22.23 0.13 -0.01	22.14 0.02 0.00	22.41 0.00 3.63	30.44 -0.03 0.30	37.17 -0.04 4.30	39.09 -0.05 9.73	38.65 -0.13 6.04	31.32 -0.08 10.83	27.17 -0.07 6.44	28.69 0.06 0.28	26.40 0.23 -0.16
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.84 0.20 0.00	26.47 0.18 0.00	24.10 0.14 0.00	22.85 0.11 0.00	22.57 0.13 0.00	23.08 0.16 0.00	26.10 0.26 0.00	25.77 0.46 0.00	24.31 0.36 0.00	20.21 0.26 0.00	19.55 0.23 0.00	20.23 0.40 0.00	20.75 0.39 0.00	22.59 0.49 -0.02	22.59 0.46 0.00	28.17 0.57 -1.56	34.74 0.77 -3.20	45.57 1.08 -2.98	48.36 1.27 1.78	47.74 1.12 -1.80	40.27 0.89 2.84	35.82 0.74 -1.41	32.60 0.67 -3.02	26.98 0.68 -0.30
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.01 -0.63 0.00	25.74 -0.55 0.00	23.45 -0.50 0.00	22.26 -0.48 0.00	21.98 -0.45 0.00	22.43 -0.48 0.00	25.35 -0.49 0.00	25.06 -0.25 0.00	23.66 -0.29 0.00	19.75 -0.20 0.00	19.16 -0.15 0.00	19.80 -0.04 0.00	20.30 -0.06 0.00	22.10 0.00 -0.01	22.01 -0.11 0.00	22.29 -0.13 3.62	30.33 -0.15 0.29	37.05 -0.17 4.30	38.79 -0.34 9.74	38.39 -0.40 6.04	31.01 -0.38 10.84	26.93 -0.30 6.44	28.50 -0.14 0.27	26.25 0.08 -0.16
STA_56___34_KV_BUS2 355983	28.01 -0.63 0.00	25.74 -0.55 0.00	23.45 -0.50 0.00	22.26 -0.48 0.00	21.98 -0.45 0.00	22.43 -0.48 0.00	25.35 -0.49 0.00	25.06 -0.25 0.00	23.66 -0.29 0.00	19.75 -0.20 0.00	19.16 -0.15 0.00	19.80 -0.04 0.00	20.30 -0.06 0.00	22.10 0.00 -0.01	22.01 -0.11 0.00	22.29 -0.13 3.62	30.33 -0.15 0.29	37.05 -0.17 4.30	38.79 -0.34 9.74	38.39 -0.40 6.04	31.01 -0.38 10.84	26.93 -0.30 6.44	28.50 -0.14 0.27	26.25 0.08 -0.16
STA_67___115KV_BK2 355882	28.12 -0.52 0.00	25.84 -0.45 0.00	23.55 -0.41 0.00	22.35 -0.39 0.00	22.07 -0.36 0.00	22.53 -0.39 0.00	25.43 -0.41 0.00	25.17 -0.15 0.00	23.76 -0.19 0.00	19.83 -0.12 0.00	19.22 -0.10 0.00	19.88 0.04 0.00	20.38 0.02 0.00	22.21 0.11 -0.01	22.08 -0.04 0.00	22.34 -0.05 3.65	30.37 -0.09 0.31	37.10 -0.08 4.33	38.81 -0.29 9.77	38.44 -0.31 6.07	31.07 -0.30 10.86	27.00 -0.20 6.47	28.56 -0.06 0.29	26.35 0.18 -0.16
STA_7___115KV_9TRANS 80674	28.26 -0.37 0.00	25.97 -0.32 0.00	23.67 -0.29 0.00	22.47 -0.27 0.00	22.16 -0.27 0.00	22.64 -0.27 0.00	25.58 -0.26 0.00	25.32 0.00 0.00	23.90 -0.05 0.00	19.95 0.00 0.00	19.35 0.04 0.00	20.02 0.18 0.00	20.52 0.16 0.00	22.34 0.24 -0.01	22.25 0.13 0.00	22.57 0.16 3.63	30.66 0.18 0.30	37.54 0.33 4.30	39.34 0.20 9.73	38.92 0.13 6.04	31.49 0.08 10.83	27.33 0.10 6.44	28.81 0.17 0.28	26.56 0.39 -0.16
STA_82___115KV_TB1 80780	28.12 -0.52 0.00	25.84 -0.45 0.00	23.55 -0.41 0.00	22.35 -0.39 0.00	22.07 -0.36 0.00	22.53 -0.39 0.00	25.45 -0.39 0.00	25.17 -0.15 0.00	23.76 -0.19 0.00	19.83 -0.12 0.00	19.22 -0.10 0.00	19.90 0.06 0.00	20.40 0.04 0.00	22.21 0.11 -0.01	22.10 -0.02 0.00	22.46 -0.05 3.53	30.48 -0.06 0.23	37.26 -0.08 4.17	39.05 -0.24 9.58	38.67 -0.27 5.89	31.26 -0.30 10.67	27.21 -0.17 6.29	28.64 -0.06 0.22	26.36 0.18 -0.16
STEEL___WIND 323596	27.63 -1.00 0.00	25.61 -0.68 0.00	23.33 -0.62 0.00	21.97 -0.77 0.00	21.80 -0.63 0.00	21.91 -1.01 0.00	25.14 -0.70 0.00	24.69 -0.63 0.00	23.28 -0.67 0.00	19.55 -0.40 0.00	18.95 -0.37 0.00	19.82 -0.02 0.00	20.32 -0.04 0.00	22.19 0.09 -0.01	21.79 -0.33 0.00	23.02 -0.55 2.47	30.14 -0.95 -0.32	37.08 -1.70 2.73	39.04 -2.20 7.64	38.39 -2.20 4.24	31.97 -1.60 8.65	27.81 -1.25 4.62	28.41 -0.81 -0.30	26.00 -0.18 -0.17
STEPHTWN_115KV_BK_2 55603	28.95 0.31 0.00	26.61 0.32 0.00	24.32 0.36 0.00	23.10 0.36 0.00	22.77 0.34 0.00	23.26 0.34 0.00	26.18 0.34 0.00	25.55 0.23 0.00	24.12 0.17 0.00	20.05 0.10 0.00	19.37 0.06 0.00	19.80 -0.04 0.00	20.30 -0.06 0.00	22.07 -0.02 0.00	22.10 -0.02 0.00	26.09 0.05 0.00	30.86 0.09 0.00	41.68 0.17 0.00	49.36 0.49 0.00	45.32 0.49 0.00	42.69 0.46 0.00	34.04 0.37 0.00	29.26 0.35 0.00	26.27 0.26 0.00
STEUBEN_REC_LFGE 323667	28.03 -0.60 0.00	25.76 -0.53 0.00	23.41 -0.55 0.00	22.08 -0.66 0.00	21.74 -0.70 0.00	22.09 -0.82 0.00	24.94 -0.90 0.00	24.76 -0.56 0.00	23.35 -0.60 0.00	19.43 -0.52 0.00	18.77 -0.54 0.00	19.62 -0.22 0.00	20.12 -0.24 0.00	22.01 -0.09 -0.01	21.86 -0.27 0.00	25.71 -0.42 -0.08	32.10 -0.55 -1.88	41.52 -0.79 -0.79	44.49 -0.98 3.41	43.36 -1.12 0.35	36.85 -1.06 4.32	32.12 -0.88 0.68	29.97 -0.72 -1.77	25.84 -0.39 -0.22
STILLWATER___SOLAR 323814	29.72 1.09 0.00	27.29 1.00 0.00	24.92 0.96 0.00	23.67 0.93 0.00	23.31 0.87 0.00	23.81 0.89 0.00	26.82 0.98 0.00	26.18 0.86 0.00	24.59 0.65 0.00	20.39 0.44 0.00	19.59 0.27 0.00	19.98 0.14 0.00	20.46 0.10 0.00	22.25 0.16 0.00	22.32 0.20 0.00	26.38 0.34 0.00	31.39 0.62 0.00	42.72 1.20 0.00	50.68 1.81 0.00	46.71 1.88 0.00	43.92 1.69 0.00	35.02 1.35 0.00	30.04 1.13 0.00	26.95 0.94 0.00
STONY___BROOK 24151	29.55 0.92 0.00	26.95 0.66 0.00	24.44 0.48 0.00	23.26 0.52 0.00	22.97 0.54 0.00	23.46 0.55 0.00	26.36 0.52 0.00	25.95 0.63 0.00	24.59 0.65 0.00	20.51 0.56 0.00	20.14 0.83 0.00	20.53 0.69 0.00	21.15 0.79 0.00	23.04 0.95 0.00	23.18 1.06 0.00	27.26 1.22 0.00	32.34 1.57 0.00	42.71 1.20 0.01	49.84 0.98 0.01	45.81 0.98 0.00	43.45 1.23 0.01	35.36 1.68 0.00	30.16 1.24 0.00	26.95 0.94 0.00
STURGEON_POOL_HYD 23609	29.49 0.86 0.00	27.05 0.76 0.00	24.63 0.67 0.00	23.35 0.61 0.00	23.06 0.63 0.00	23.58 0.66 0.00	26.59 0.75 0.00	25.98 0.66 0.00	24.62 0.67 0.00	20.57 0.62 0.00	19.91 0.60 0.00	20.41 0.58 0.00	21.03 0.67 0.00	22.77 0.68 0.00	22.81 0.69 0.00	26.85 0.81 0.00	31.73 0.95 0.00	42.76 1.25 0.00	50.39 1.52 0.00	46.08 1.26 0.00	43.66 1.44 0.00	34.75 1.08 0.00	29.81 0.90 0.00	26.79 0.78 0.00

ST_LAW_115_BK7_LBMP 345037	28.78 0.14 0.00	26.40 0.11 0.00	24.05 0.10 0.00	22.83 0.09 0.00	22.54 0.11 0.00	23.03 0.12 0.00	25.94 0.10 0.00	25.44 0.13 0.00	24.07 0.12 0.00	19.14 0.08 0.89	16.39 0.12 3.04	16.91 0.12 3.05	20.43 0.08 0.01	22.18 0.09 0.00	17.20 0.13 5.06	22.02 0.13 4.15	30.96 0.19 0.00	39.92 0.25 1.84	46.70 0.25 2.42	38.00 0.13 6.97	41.84 -0.04 0.34	33.71 0.03 0.00	28.89 -0.03 0.00	25.98 -0.03 0.00
ST_LAW_115_BK8_LBMP 345038	28.78 0.14 0.00	26.40 0.11 0.00	24.05 0.10 0.00	22.83 0.09 0.00	22.54 0.11 0.00	23.03 0.12 0.00	25.94 0.10 0.00	25.44 0.13 0.00	24.07 0.12 0.00	19.14 0.08 0.89	16.39 0.12 3.04	16.91 0.12 3.05	20.43 0.08 0.01	22.18 0.09 0.00	17.20 0.13 5.06	22.02 0.13 4.15	30.96 0.19 0.00	39.92 0.25 1.84	46.70 0.25 2.42	38.00 0.13 6.97	41.84 -0.04 0.34	33.71 0.03 0.00	28.89 -0.03 0.00	25.98 -0.03 0.00
ST_LAW_230_BK5_LBMP 345035	28.75 0.12 0.00	26.37 0.08 0.00	24.03 0.07 0.00	22.81 0.07 0.00	22.52 0.09 0.00	23.03 0.12 0.00	25.94 0.10 0.00	25.42 0.10 0.00	24.04 0.10 0.00	19.51 0.08 0.52	17.65 0.12 1.78	18.15 0.10 1.79	20.46 0.10 0.01	22.18 0.09 0.00	19.29 0.13 2.97	23.71 0.10 2.43	30.96 0.19 0.00	40.64 0.21 1.08	47.65 0.20 1.42	40.87 0.13 4.09	41.94 -0.08 0.20	33.67 0.00 0.00	28.89 -0.03 0.00	25.96 -0.05 0.00
ST_LAW_230_BK6_LBMP 345036	28.75 0.12 0.00	26.37 0.08 0.00	24.03 0.07 0.00	22.81 0.07 0.00	22.52 0.09 0.00	23.03 0.12 0.00	25.94 0.10 0.00	25.42 0.10 0.00	24.04 0.10 0.00	19.51 0.08 0.52	17.65 0.12 1.78	18.15 0.10 1.79	20.46 0.10 0.01	22.18 0.09 0.00	19.29 0.13 2.97	23.71 0.10 2.43	30.96 0.19 0.00	40.64 0.21 1.08	47.65 0.20 1.42	40.87 0.13 4.09	41.94 -0.08 0.20	33.67 0.00 0.00	28.89 -0.03 0.00	25.96 -0.05 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.41 0.77 0.00	27.00 0.71 0.00	24.56 0.60 0.00	23.31 0.57 0.00	22.99 0.56 0.00	23.51 0.60 0.00	26.51 0.67 0.00	25.95 0.63 0.00	24.57 0.62 0.00	20.51 0.56 0.00	19.88 0.56 0.00	20.37 0.54 0.00	20.97 0.61 0.00	22.71 0.62 0.00	22.76 0.64 0.00	26.80 0.76 0.00	31.66 0.89 0.00	42.63 1.12 0.00	50.24 1.37 0.00	45.99 1.17 0.00	43.62 1.39 0.00	34.75 1.08 0.00	29.78 0.87 0.00	26.77 0.75 0.00
SWANROAD_115KV_TB1 355699	27.06 -1.57 0.00	24.98 -1.31 0.00	23.02 -0.93 0.00	21.76 -0.98 0.00	21.47 -0.96 0.00	21.72 -1.19 0.00	24.47 -1.37 0.00	24.51 -0.81 0.00	23.13 -0.81 0.00	19.43 -0.52 0.00	18.85 -0.46 0.00	19.68 -0.16 0.00	20.12 -0.24 0.00	21.81 -0.29 -0.01	21.33 -0.80 0.00	22.04 -1.17 2.83	29.26 -1.63 -0.12	35.80 -2.49 3.22	37.13 -3.47 8.28	36.71 -3.32 4.80	30.22 -2.70 9.31	26.51 -1.99 5.18	27.58 -1.45 -0.11	25.63 -0.55 -0.17
SYNERGY___BIOGAS 323694	28.21 -0.43 0.00	25.97 -0.32 0.00	23.76 -0.19 0.00	22.54 -0.20 0.00	22.25 -0.18 0.00	22.64 -0.27 0.00	25.61 -0.23 0.00	25.52 0.20 0.00	24.04 0.10 0.00	20.07 0.12 0.00	19.47 0.15 0.00	20.21 0.38 0.00	20.71 0.35 0.00	22.54 0.44 -0.01	22.28 0.15 0.00	23.07 0.13 3.10	30.92 0.15 0.01	38.18 0.25 3.58	40.09 0.00 8.79	39.56 -0.04 5.22	32.34 -0.04 9.85	28.10 0.03 5.61	29.11 0.20 0.01	26.83 0.65 -0.17
SYRACUSE___ENERGY_ST1 323597	28.38 -0.26 0.00	26.08 -0.21 0.00	23.74 -0.22 0.00	22.54 -0.20 0.00	22.23 -0.20 0.00	22.71 -0.21 0.00	25.63 -0.21 0.00	25.19 -0.13 0.00	23.80 -0.14 0.00	19.96 -0.14 -0.14	19.65 -0.15 -0.49	20.25 -0.08 -0.49	20.28 -0.08 0.00	22.04 -0.07 -0.02	22.87 -0.07 -0.81	31.26 -0.10 -5.33	36.16 -0.12 -5.51	49.11 -0.12 -7.72	51.71 -0.15 -2.98	52.25 -0.13 -7.56	43.57 -0.17 -1.51	39.53 -0.17 -6.03	33.99 -0.12 -5.19	26.36 -0.05 -0.40
SYRACUSE___ENERGY_ST2 323598	28.38 -0.26 0.00	26.08 -0.21 0.00	23.74 -0.22 0.00	22.54 -0.20 0.00	22.23 -0.20 0.00	22.71 -0.21 0.00	25.63 -0.21 0.00	25.19 -0.13 0.00	23.80 -0.14 0.00	19.96 -0.14 -0.14	19.65 -0.15 -0.49	20.25 -0.08 -0.49	20.28 -0.08 0.00	22.04 -0.07 -0.02	22.87 -0.07 -0.81	31.26 -0.10 -5.33	36.16 -0.12 -5.51	49.11 -0.12 -7.72	51.71 -0.15 -2.98	52.25 -0.13 -7.56	43.57 -0.17 -1.51	39.53 -0.17 -6.03	33.99 -0.12 -5.19	26.36 -0.05 -0.40
SYRACUSE___POWER 24017	28.35 -0.29 0.00	26.05 -0.24 0.00	23.72 -0.24 0.00	22.51 -0.23 0.00	22.21 -0.22 0.00	22.69 -0.23 0.00	25.61 -0.23 0.00	25.14 -0.18 0.00	23.76 -0.19 0.00	19.93 -0.18 -0.15	19.64 -0.19 -0.51	20.23 -0.12 -0.52	20.24 -0.12 0.00	22.00 -0.11 -0.02	22.87 -0.11 -0.86	28.74 -0.13 -2.83	34.22 -0.18 -3.63	45.38 -0.25 -4.11	48.04 -0.24 0.59	48.38 -0.27 -3.83	39.96 -0.25 2.02	35.69 -0.24 -2.25	32.17 -0.17 -3.42	26.25 -0.08 -0.32
TALLMAN_138KV_BK151 55660	29.58 0.94 0.00	27.13 0.84 0.00	24.68 0.72 0.00	23.40 0.66 0.00	23.11 0.67 0.00	23.63 0.71 0.00	26.64 0.80 0.00	26.08 0.76 0.00	24.71 0.77 0.00	20.65 0.70 0.00	20.01 0.70 0.00	20.51 0.67 0.00	21.11 0.75 0.00	22.89 0.80 0.00	22.92 0.80 0.00	26.98 0.94 0.00	31.85 1.08 0.00	42.84 1.33 0.00	50.44 1.56 0.00	46.17 1.34 0.00	43.87 1.65 0.00	34.99 1.31 0.00	29.99 1.07 0.00	26.92 0.91 0.00
TEALLAVE_115KV_TB7 355573	28.26 -0.37 0.00	25.97 -0.32 0.00	23.65 -0.31 0.00	22.44 -0.30 0.00	22.14 -0.29 0.00	22.62 -0.30 0.00	25.53 -0.31 0.00	25.09 -0.23 0.00	23.71 -0.24 0.00	19.91 -0.22 -0.17	19.67 -0.23 -0.59	20.27 -0.16 -0.59	20.20 -0.16 0.00	21.95 -0.15 -0.02	22.94 -0.15 -0.98	27.89 -0.21 -2.06	33.51 -0.28 -3.01	44.02 -0.42 -2.92	46.59 -0.49 1.80	47.06 -0.45 -2.69	38.54 -0.42 3.27	34.25 -0.37 -0.95	31.49 -0.26 -2.84	26.15 -0.16 -0.29
TELGRAPH_34_KV_EAST 80808	27.72 -0.92 0.00	25.55 -0.74 0.00	23.43 -0.53 0.00	22.19 -0.55 0.00	21.89 -0.54 0.00	22.23 -0.69 0.00	25.09 -0.75 0.00	25.04 -0.28 0.00	23.64 -0.31 0.00	19.81 -0.14 0.00	19.22 -0.10 0.00	20.00 0.16 0.00	20.48 0.12 0.00	22.28 0.18 -0.01	21.92 -0.20 0.00	22.66 -0.36 3.02	30.25 -0.55 -0.03	37.12 -0.91 3.48	38.77 -1.47 8.63	38.30 -1.43 5.09	31.36 -1.18 9.69	27.38 -0.81 5.49	28.42 -0.52 -0.02	26.28 0.10 -0.17
TEMPLE___115KV_TB 2 55572	28.26 -0.37 0.00	25.97 -0.32 0.00	23.67 -0.29 0.00	22.44 -0.30 0.00	22.16 -0.27 0.00	22.64 -0.27 0.00	25.53 -0.31 0.00	25.09 -0.23 0.00	23.71 -0.24 0.00	19.92 -0.20 -0.17	19.68 -0.21 -0.57	20.27 -0.14 -0.58	20.22 -0.14 0.00	21.97 -0.13 -0.02	22.92 -0.15 -0.95	27.86 -0.18 -2.01	33.50 -0.28 -3.00	44.01 -0.37 -2.87	46.56 -0.44 1.88	46.98 -0.45 -2.61	38.51 -0.38 3.34	34.23 -0.34 -0.90	31.51 -0.23 -2.83	26.17 -0.13 -0.29
TIANA___69_KV_BK 1 55817	29.41 0.77 0.00	26.82 0.53 0.00	24.34 0.38 0.00	23.10 0.36 0.00	22.90 0.47 0.00	23.33 0.41 0.00	26.28 0.44 0.00	25.80 0.48 0.00	24.43 0.48 0.00	20.37 0.42 0.00	20.01 0.70 0.00	20.35 0.52 0.00	20.97 0.61 0.00	22.84 0.75 0.00	23.01 0.88 0.00	27.08 1.04 0.00	32.16 1.38 0.00	42.38 0.87 0.01	49.80 0.93 0.01	45.77 0.94 0.00	43.36 1.14 0.01	35.29 1.62 0.00	30.02 1.10 0.00	26.82 0.81 0.00

TILDEN___115KV_TB1 80814	28.35 -0.29 0.00	26.05 -0.24 0.00	23.72 -0.24 0.00	22.51 -0.23 0.00	22.21 -0.22 0.00	22.69 -0.23 0.00	25.61 -0.23 0.00	25.14 -0.18 0.00	23.76 -0.19 0.00	19.93 -0.18 -0.15	19.64 -0.19 -0.51	20.23 -0.12 -0.52	20.24 -0.12 0.00	22.00 -0.11 -0.02	22.87 -0.11 -0.86	28.74 -0.13 -2.83	34.22 -0.18 -3.63	45.38 -0.25 -4.11	48.04 -0.24 0.59	48.38 -0.27 -3.83	39.96 -0.25 2.02	35.69 -0.24 -2.25	32.17 -0.17 -3.42	26.25 -0.08 -0.32
TRIGEN___CC 323695	29.61 0.97 0.00	27.05 0.76 0.00	24.58 0.62 0.00	23.31 0.57 0.00	23.04 0.61 0.00	23.51 0.60 0.00	26.59 0.75 0.00	26.03 0.71 0.00	24.69 0.74 0.00	20.63 0.68 0.00	20.16 0.85 0.00	20.59 0.75 0.00	21.22 0.86 0.00	23.04 0.95 0.00	23.14 1.02 0.00	27.19 1.15 0.00	32.13 1.35 0.00	42.59 1.08 0.01	50.04 1.17 0.01	45.90 1.08 0.00	43.53 1.31 0.01	35.19 1.52 0.00	30.10 1.19 0.00	26.97 0.96 0.00
TRINITY___115KV__4 BK 55933	28.75 0.11 0.00	26.42 0.13 0.00	24.15 0.19 0.00	22.97 0.23 0.00	22.63 0.20 0.00	23.10 0.18 0.00	26.00 0.16 0.00	25.37 0.05 0.00	23.97 0.02 0.00	19.95 0.00 0.00	19.30 -0.02 0.00	19.74 -0.10 0.00	20.26 -0.10 0.00	21.98 -0.11 0.00	22.03 -0.09 0.00	25.96 -0.08 0.00	30.68 -0.09 0.00	41.39 -0.12 0.00	48.97 0.10 0.00	44.92 0.09 0.00	42.31 0.08 0.00	33.78 0.10 0.00	29.06 0.14 0.00	26.11 0.10 0.00
UNION___PROCESSING_DRP 323587	28.12 -0.52 0.00	25.87 -0.42 0.00	23.57 -0.38 0.00	22.38 -0.36 0.00	22.07 -0.36 0.00	22.53 -0.39 0.00	25.45 -0.39 0.00	25.19 -0.13 0.00	23.78 -0.17 0.00	19.83 -0.12 0.00	19.24 -0.08 0.00	19.90 0.06 0.00	20.40 0.04 0.00	22.21 0.11 -0.01	22.10 -0.02 0.00	22.50 -0.05 3.49	30.51 -0.06 0.20	37.37 -0.04 4.10	39.11 -0.24 9.52	38.73 -0.27 5.82	31.37 -0.25 10.61	27.28 -0.17 6.23	28.70 -0.03 0.19	26.38 0.21 -0.16
UPPER HUDSON___HYD 24058	30.04 1.40 0.00	27.58 1.29 0.00	25.20 1.24 0.00	23.92 1.18 0.00	23.53 1.10 0.00	24.04 1.12 0.00	27.11 1.27 0.00	26.46 1.14 0.00	24.76 0.81 0.00	20.53 0.58 0.00	19.55 0.23 0.00	19.94 0.10 0.00	20.38 0.02 0.00	22.16 0.07 0.00	22.26 0.13 0.00	26.35 0.31 0.00	31.48 0.71 0.00	43.18 1.66 0.00	51.27 2.39 0.00	47.38 2.55 0.00	44.51 2.28 0.00	35.46 1.78 0.00	30.39 1.47 0.00	27.21 1.20 0.00
UPPER RAQUET___HYD 24056	29.26 0.63 0.00	26.84 0.55 0.00	24.44 0.48 0.00	23.22 0.48 0.00	22.90 0.47 0.00	23.42 0.50 0.00	26.38 0.54 0.00	25.85 0.53 0.00	24.45 0.50 0.00	26.16 0.36 -5.85	39.61 0.41 -19.89	40.20 0.40 -19.97	20.72 0.28 -0.08	22.38 0.29 0.00	55.62 0.40 -33.10	54.40 0.44 -27.92	32.27 0.58 -0.91	55.63 0.83 -13.29	66.12 0.98 -16.27	92.35 0.85 -46.68	45.25 0.55 -2.48	35.14 0.47 -1.00	30.12 0.35 -0.86	26.31 0.23 -0.07
VALLEY44_115KV_TB2 355964	27.60 -1.03 0.00	25.45 -0.84 0.00	23.19 -0.77 0.00	21.90 -0.84 0.00	21.58 -0.85 0.00	21.84 -1.08 0.00	24.60 -1.24 0.00	24.48 -0.84 0.00	23.09 -0.86 0.00	19.31 -0.64 0.00	18.72 -0.60 0.00	19.62 -0.22 0.00	20.08 -0.29 0.00	21.94 -0.15 -0.01	21.63 -0.49 0.00	23.36 -0.68 2.00	30.23 -1.14 -0.59	37.51 -1.91 2.09	39.26 -2.79 6.83	38.62 -2.69 3.52	32.44 -1.98 7.81	28.38 -1.41 3.88	28.43 -1.04 -0.56	25.82 -0.36 -0.18
VALLEY___115KV_TB 1-4 80826	28.49 -0.14 0.00	26.13 -0.16 0.00	23.79 -0.17 0.00	22.60 -0.14 0.00	22.30 -0.13 0.00	22.78 -0.14 0.00	25.71 -0.13 0.00	25.19 -0.13 0.00	23.85 -0.10 0.00	20.03 -0.06 -0.14	19.76 -0.02 -0.46	20.30 0.00 -0.47	20.36 0.00 0.00	22.11 0.02 0.00	22.89 0.00 -0.77	26.73 0.05 -0.63	30.90 0.12 0.00	41.92 0.12 -0.28	49.34 0.10 -0.37	45.98 0.09 -1.07	42.32 0.04 -0.05	33.67 0.00 0.00	28.97 0.06 0.00	26.01 0.00 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.44 0.80 0.00	27.05 0.76 0.00	24.63 0.67 0.00	23.38 0.64 0.00	23.04 0.61 0.00	23.56 0.64 0.00	26.59 0.75 0.00	26.08 0.76 0.00	24.62 0.67 0.00	20.41 0.46 0.00	19.70 0.39 0.00	20.27 0.44 0.00	20.79 0.43 0.00	22.58 0.49 -0.01	22.56 0.44 0.00	27.87 0.62 -1.21	33.06 0.86 -1.43	44.64 1.20 -1.92	51.11 1.56 -0.67	48.11 1.61 -1.67	44.25 1.65 -0.38	36.35 1.11 -1.56	31.24 0.98 -1.34	26.90 0.78 -0.10
VISCHER___FERRY HYD 24020	29.35 0.72 0.00	26.95 0.66 0.00	24.60 0.65 0.00	23.40 0.66 0.00	23.04 0.61 0.00	23.56 0.64 0.00	26.49 0.65 0.00	25.87 0.56 0.00	24.40 0.45 0.00	20.29 0.34 0.00	19.61 0.29 0.00	20.04 0.20 0.00	20.52 0.16 0.00	22.29 0.20 0.00	22.34 0.22 0.00	26.35 0.31 0.00	31.20 0.43 0.00	42.30 0.79 0.00	50.10 1.22 0.00	46.04 1.21 0.00	43.28 1.06 0.00	34.55 0.87 0.00	29.64 0.72 0.00	26.63 0.62 0.00
V_A_10_SYNC_DSASP 323832	27.55 -1.09 0.00	25.42 -0.87 0.00	23.19 -0.77 0.00	21.94 -0.80 0.00	21.65 -0.79 0.00	21.98 -0.94 0.00	24.76 -1.09 0.00	24.71 -0.61 0.00	23.32 -0.62 0.00	19.51 -0.44 0.00	18.93 -0.39 0.00	19.72 -0.12 0.00	20.20 -0.16 0.00	22.08 -0.02 -0.01	21.66 -0.46 0.00	22.08 -0.68 3.28	29.57 -1.05 0.15	36.00 -1.66 3.85	37.45 -2.39 9.03	37.00 -2.33 5.49	30.34 -1.82 10.08	26.55 -1.25 5.88	27.91 -0.87 0.14	25.99 -0.18 -0.16
V_CMM_10_SYNC_DSASP 323787	28.89 0.26 0.00	26.50 0.21 0.00	24.15 0.19 0.00	22.92 0.18 0.00	22.61 0.18 0.00	23.10 0.18 0.00	26.05 0.21 0.00	25.52 0.20 0.00	24.16 0.22 0.00	19.22 0.16 0.89	16.49 0.21 3.04	16.99 0.20 3.05	20.53 0.18 0.01	22.24 0.15 0.00	17.29 0.22 5.06	22.13 0.23 4.15	31.08 0.31 0.00	40.05 0.37 1.84	46.70 0.24 2.42	38.17 0.31 6.97	41.97 0.08 0.34	33.84 0.17 0.00	29.00 0.09 0.00	26.09 0.08 0.00
V_CMP_10_SYNC_DSASP 323788	29.78 1.15 0.00	27.34 1.05 0.00	24.94 0.98 0.00	23.69 0.95 0.00	23.44 1.01 0.00	23.99 1.08 0.00	27.06 1.21 0.00	26.53 1.22 0.00	25.14 1.20 0.00	21.45 1.06 -0.44	21.91 1.08 -1.51	22.46 1.11 -1.52	21.51 1.14 -0.01	23.28 1.19 0.00	25.87 1.24 -2.51	29.48 1.38 -2.06	32.43 1.66 0.00	44.55 2.12 -0.92	52.28 2.20 -1.20	49.90 1.61 -3.46	43.33 0.93 -0.17	34.18 0.51 0.00	29.18 0.26 0.00	26.17 0.16 0.00
V_D_10_SYNC_DSASP 323841	29.15 0.52 0.00	26.74 0.45 0.00	24.36 0.41 0.00	23.13 0.39 0.00	22.84 0.40 0.00	23.33 0.41 0.00	26.28 0.44 0.00	25.75 0.43 0.00	24.35 0.41 0.00	28.81 0.34 -8.52	48.66 0.37 -28.98	49.31 0.38 -29.10	20.80 0.32 -0.11	22.42 0.33 0.00	70.78 0.42 -48.24	66.04 0.44 -39.56	31.36 0.58 0.00	59.84 0.75 -17.57	72.79 0.83 -23.09	112.01 0.71 -66.46	45.96 0.47 -3.26	34.11 0.44 0.00	29.27 0.35 0.00	26.30 0.29 0.00
V_E_10_SYNC_DSASP 323830	29.78 1.15 0.00	27.34 1.05 0.00	24.84 0.89 0.00	23.56 0.82 0.00	23.24 0.81 0.00	23.74 0.82 0.00	26.95 1.11 0.00	26.36 1.04 0.00	24.74 0.79 0.00	20.29 0.34 0.00	19.51 0.19 0.00	20.17 0.34 0.00	20.69 0.32 0.00	22.54 0.44 -0.01	22.59 0.47 0.00	29.21 0.78 -2.39	34.88 1.29 -2.82	47.39 2.07 -3.80	53.13 2.93 -1.33	51.17 3.05 -3.30	45.68 2.70 -0.74	38.37 1.62 -3.08	32.96 1.39 -2.65	27.21 0.99 -0.21

V_F_30_NSYNC___DSASP 323816	29.75 1.12 0.00	27.31 1.02 0.00	24.94 0.98 0.00	23.69 0.95 0.00	23.33 0.90 0.00	23.83 0.92 0.00	26.82 0.98 0.00	26.20 0.89 0.00	24.62 0.67 0.00	20.41 0.46 0.00	19.61 0.29 0.00	20.02 0.18 0.00	20.50 0.14 0.00	22.29 0.20 0.00	22.37 0.24 0.00	26.43 0.39 0.00	31.45 0.68 0.00	42.76 1.24 0.00	50.73 1.86 0.00	46.75 1.93 0.00	43.96 1.73 0.00	35.06 1.38 0.00	30.07 1.16 0.00	26.97 0.96 0.00
V_F_30_SYNC_DSASP 323786	28.84 0.20 0.00	26.50 0.21 0.00	24.22 0.26 0.00	23.01 0.27 0.00	22.68 0.25 0.00	23.17 0.25 0.00	26.05 0.21 0.00	25.44 0.13 0.00	24.02 0.07 0.00	19.99 0.04 0.00	19.31 0.00 0.00	19.76 -0.08 0.00	20.26 -0.10 0.00	22.00 -0.09 0.00	22.06 -0.07 0.00	26.01 -0.03 0.00	30.77 0.00 0.00	41.51 0.00 0.00	49.12 0.24 0.00	45.05 0.22 0.00	42.48 0.25 0.00	33.88 0.20 0.00	29.15 0.23 0.00	26.17 0.16 0.00
V_XM_10_SYNC_DSASP 323789	29.78 1.15 0.00	27.34 1.05 0.00	24.94 0.98 0.00	23.69 0.95 0.00	23.44 1.01 0.00	23.99 1.08 0.00	27.06 1.21 0.00	26.53 1.22 0.00	25.14 1.20 0.00	21.45 1.06 -0.44	21.91 1.08 -1.51	22.46 1.11 -1.52	21.51 1.14 -0.01	23.28 1.19 0.00	25.87 1.24 -2.51	29.48 1.38 -2.06	32.43 1.66 0.00	44.55 2.12 -0.92	52.28 2.20 -1.20	49.90 1.61 -3.46	43.33 0.93 -0.17	34.18 0.51 0.00	29.18 0.26 0.00	26.17 0.16 0.00
W.BABYLN_69_KV_BK1 56697	29.84 1.20 0.00	27.21 0.92 0.00	24.70 0.74 0.00	23.42 0.68 0.00	23.17 0.74 0.00	23.65 0.73 0.00	26.72 0.88 0.00	26.15 0.84 0.00	24.81 0.86 0.00	20.71 0.76 0.00	20.32 1.00 0.00	20.71 0.87 0.00	21.34 0.98 0.00	23.24 1.15 0.00	23.38 1.26 0.00	27.47 1.43 0.00	32.53 1.75 0.00	42.96 1.45 0.01	50.43 1.56 0.01	46.31 1.48 0.00	43.91 1.69 0.01	35.66 1.99 0.00	30.42 1.50 0.00	27.18 1.17 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.67 1.03 0.00	27.21 0.92 0.00	24.77 0.81 0.00	23.49 0.75 0.00	23.17 0.74 0.00	23.69 0.78 0.00	26.75 0.90 0.00	26.18 0.86 0.00	24.79 0.84 0.00	20.71 0.76 0.00	20.07 0.75 0.00	20.57 0.73 0.00	21.18 0.81 0.00	22.95 0.86 0.00	23.01 0.88 0.00	27.06 1.02 0.00	31.97 1.20 0.00	43.05 1.54 0.00	50.68 1.81 0.00	46.39 1.57 0.00	44.04 1.82 0.00	35.12 1.45 0.00	30.10 1.19 0.00	27.03 1.01 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.78 1.15 0.00	27.29 1.00 0.00	24.84 0.89 0.00	23.56 0.82 0.00	23.24 0.81 0.00	23.74 0.82 0.00	26.85 1.01 0.00	26.31 0.99 0.00	24.95 1.01 0.00	20.87 0.92 0.00	20.24 0.93 0.00	20.73 0.89 0.00	21.36 1.00 0.00	23.11 1.02 0.00	23.18 1.06 0.00	27.24 1.20 0.00	32.19 1.42 0.00	43.30 1.79 0.00	50.93 2.05 0.00	46.57 1.75 0.00	44.25 2.03 0.00	35.29 1.62 0.00	30.25 1.33 0.00	27.13 1.12 0.00
W50THST__13_KV_LOAD 356117	29.89 1.26 0.00	27.42 1.13 0.00	24.94 0.98 0.00	23.65 0.91 0.00	23.33 0.90 0.00	23.83 0.92 0.00	26.95 1.11 0.00	26.43 1.11 0.00	25.07 1.13 0.00	20.97 1.02 0.00	20.34 1.02 0.00	20.83 0.99 0.00	21.46 1.10 0.00	23.24 1.15 0.00	23.29 1.17 0.00	27.37 1.33 0.00	32.37 1.60 0.00	43.51 1.99 0.00	51.17 2.30 0.00	46.80 1.97 0.00	44.47 2.24 0.00	35.46 1.78 0.00	30.39 1.47 0.00	27.26 1.25 0.00
WADING RIVER_IC_1 23522	29.15 0.52 0.00	26.58 0.29 0.00	24.13 0.17 0.00	22.97 0.23 0.00	22.68 0.25 0.00	23.17 0.25 0.00	26.00 0.16 0.00	25.65 0.33 0.00	24.26 0.31 0.00	20.23 0.28 0.00	19.85 0.54 0.00	20.21 0.38 0.00	20.83 0.47 0.00	22.69 0.60 0.00	22.85 0.73 0.00	26.87 0.83 0.00	31.88 1.11 0.00	42.09 0.58 0.01	49.16 0.30 0.01	45.18 0.36 0.00	42.85 0.63 0.01	34.88 1.21 0.00	29.73 0.81 0.00	26.58 0.57 0.00
WADING RIVER_IC_2 23547	29.15 0.52 0.00	26.58 0.29 0.00	24.13 0.17 0.00	22.97 0.23 0.00	22.68 0.25 0.00	23.17 0.25 0.00	26.00 0.16 0.00	25.65 0.33 0.00	24.26 0.31 0.00	20.23 0.28 0.00	19.85 0.54 0.00	20.21 0.38 0.00	20.83 0.47 0.00	22.69 0.60 0.00	22.85 0.73 0.00	26.87 0.83 0.00	31.88 1.11 0.00	42.09 0.58 0.01	49.16 0.30 0.01	45.18 0.36 0.00	42.85 0.63 0.01	34.88 1.21 0.00	29.73 0.81 0.00	26.58 0.57 0.00
WADING RIVER_IC_3 23601	29.15 0.52 0.00	26.58 0.29 0.00	24.13 0.17 0.00	22.97 0.23 0.00	22.68 0.25 0.00	23.17 0.25 0.00	26.00 0.16 0.00	25.65 0.33 0.00	24.26 0.31 0.00	20.23 0.28 0.00	19.85 0.54 0.00	20.21 0.38 0.00	20.83 0.47 0.00	22.69 0.60 0.00	22.85 0.73 0.00	26.87 0.83 0.00	31.88 1.11 0.00	42.09 0.58 0.01	49.16 0.30 0.01	45.18 0.36 0.00	42.85 0.63 0.01	34.88 1.21 0.00	29.73 0.81 0.00	26.58 0.57 0.00
WALDENNY_12_KV_BK2 80841	27.60 -1.03 0.00	25.48 -0.81 0.00	23.29 -0.67 0.00	21.99 -0.75 0.00	21.67 -0.76 0.00	21.91 -1.01 0.00	24.73 -1.11 0.00	24.71 -0.61 0.00	23.32 -0.62 0.00	19.57 -0.38 0.00	19.01 -0.31 0.00	19.86 0.02 0.00	20.36 0.00 0.00	22.25 0.15 -0.01	21.81 -0.31 0.00	22.99 -0.55 2.51	30.21 -0.86 -0.30	37.24 -1.49 2.78	38.87 -2.30 7.71	38.28 -2.24 4.30	31.74 -1.77 8.72	27.72 -1.28 4.68	28.33 -0.87 -0.28	26.03 -0.16 -0.17
WALDEN__HYDRO 24148	29.49 0.86 0.00	27.08 0.79 0.00	24.65 0.69 0.00	23.38 0.64 0.00	23.06 0.63 0.00	23.58 0.66 0.00	26.62 0.78 0.00	26.00 0.68 0.00	24.62 0.67 0.00	20.57 0.62 0.00	19.91 0.60 0.00	20.39 0.56 0.00	20.99 0.63 0.00	22.75 0.66 0.00	22.81 0.69 0.00	26.85 0.81 0.00	31.76 0.98 0.00	42.80 1.29 0.00	50.44 1.56 0.00	46.17 1.34 0.00	43.79 1.56 0.00	34.85 1.18 0.00	29.90 0.98 0.00	26.84 0.83 0.00
WARRENSBURG____ 23737	30.04 1.40 0.00	27.58 1.29 0.00	25.20 1.25 0.00	23.92 1.18 0.00	23.55 1.12 0.00	24.06 1.15 0.00	27.13 1.29 0.00	26.46 1.14 0.00	24.76 0.81 0.00	20.55 0.60 0.00	19.55 0.23 0.00	19.94 0.10 0.00	20.38 0.02 0.00	22.16 0.07 0.00	22.25 0.13 0.00	26.35 0.31 0.00	31.45 0.68 0.00	43.13 1.62 0.00	51.32 2.44 0.00	47.34 2.51 0.00	44.55 2.32 0.00	35.46 1.78 0.00	30.39 1.47 0.00	27.21 1.20 0.00
WATERSIDE____6 8 9 23538	29.78 1.15 0.00	27.32 1.03 0.00	24.87 0.91 0.00	23.58 0.84 0.00	23.26 0.83 0.00	23.72 0.80 0.00	26.80 0.96 0.00	26.23 0.91 0.00	24.91 0.96 0.00	20.85 0.90 0.00	20.22 0.91 0.00	20.73 0.89 0.00	21.36 1.00 0.00	23.08 0.99 0.00	23.14 1.02 0.00	27.19 1.15 0.00	32.16 1.38 0.00	43.26 1.74 0.00	50.88 2.00 0.00	46.48 1.66 0.00	44.21 1.98 0.00	35.26 1.58 0.00	30.25 1.33 0.00	27.18 1.17 0.00
WATKINRD_115KV_LN8_ILLION 55919	28.55 -0.09 0.00	26.21 -0.08 0.00	23.86 -0.10 0.00	22.67 -0.07 0.00	22.36 -0.07 0.00	22.85 -0.07 0.00	25.76 -0.08 0.00	25.24 -0.08 0.00	23.90 -0.05 0.00	20.05 -0.04 0.00	19.76 -0.02 -0.14	20.30 0.00 -0.46	20.36 0.00 -0.47	22.09 0.00 0.00	22.89 0.00 -0.77	26.70 0.03 -0.63	30.86 0.09 0.00	41.88 0.08 -0.28	49.34 0.10 -0.37	45.98 0.09 -1.07	42.36 0.08 -0.05	33.71 0.03 0.00	28.97 0.06 0.00	26.01 0.00 0.00

WDELAWARE___HYD 323627	29.41 0.77 0.00	26.97 0.68 0.00	24.53 0.57 0.00	23.28 0.54 0.00	22.97 0.54 0.00	23.51 0.59 0.00	26.46 0.62 0.00	25.90 0.58 0.00	24.50 0.55 0.00	20.43 0.48 0.00	19.76 0.44 0.00	20.25 0.42 0.00	20.85 0.49 0.00	22.60 0.51 0.00	22.65 0.53 0.00	26.72 0.68 0.00	31.67 0.89 0.00	42.80 1.29 0.00	50.39 1.52 0.00	46.17 1.34 0.00	43.75 1.52 0.00	34.75 1.08 0.00	29.78 0.87 0.00	26.77 0.75 0.00
WEST BABYLON___IC 23714	29.84 1.20 0.00	27.21 0.92 0.00	24.70 0.74 0.00	23.42 0.68 0.00	23.17 0.74 0.00	23.65 0.73 0.00	26.72 0.88 0.00	26.15 0.84 0.00	24.81 0.86 0.00	20.71 0.76 0.00	20.32 1.00 0.00	20.71 0.87 0.00	21.34 0.98 0.00	23.24 1.15 0.00	23.38 1.26 0.00	27.47 1.43 0.00	32.53 1.75 0.00	42.96 1.45 0.01	50.43 1.56 0.01	46.31 1.48 0.00	43.91 1.69 0.01	35.66 1.99 0.00	30.42 1.50 0.00	27.18 1.17 0.00
WEST CANADA___HYD 24049	28.64 0.00 0.00	26.29 0.00 0.00	23.96 0.00 0.00	22.74 0.00 0.00	22.43 0.00 0.00	22.92 0.00 0.00	25.84 0.00 0.00	25.29 -0.03 0.00	23.92 -0.02 0.00	20.07 -0.02 -0.14	19.76 -0.02 -0.46	20.26 -0.04 -0.47	20.34 -0.02 0.00	22.07 -0.02 0.00	22.85 -0.04 -0.77	26.65 -0.03 -0.63	30.77 0.00 0.00	41.79 0.00 -0.28	49.29 0.05 -0.37	45.94 0.04 -1.07	42.36 0.08 -0.05	33.71 0.03 0.00	28.95 0.03 0.00	26.01 0.00 0.00
WESTERN_NY_WIND 24143	28.21 -0.43 0.00	25.95 -0.34 0.00	23.76 -0.19 0.00	22.54 -0.20 0.00	22.23 -0.20 0.00	22.64 -0.27 0.00	25.58 -0.26 0.00	25.49 0.18 0.00	24.02 0.07 0.00	20.07 0.12 0.00	19.45 0.14 0.00	20.21 0.38 0.00	20.69 0.33 0.00	22.52 0.42 -0.01	22.25 0.13 0.00	23.08 0.10 3.06	30.90 0.12 -0.01	38.19 0.21 3.53	40.11 -0.05 8.72	39.53 -0.13 5.16	32.33 -0.13 9.77	28.12 0.00 5.55	29.09 0.17 0.00	26.83 0.65 -0.17
WESTOVER___LESR 323668	28.61 -0.03 0.00	26.32 0.03 0.00	23.96 0.00 0.00	22.69 -0.05 0.00	22.41 -0.02 0.00	22.85 -0.07 0.00	25.76 -0.08 0.00	25.37 0.05 0.00	23.97 0.02 0.00	19.95 0.00 0.00	19.28 -0.04 0.00	19.94 0.10 0.00	20.44 0.08 0.00	22.23 0.13 -0.01	22.19 0.07 0.00	27.27 0.05 -1.18	33.04 0.00 -2.27	43.67 -0.04 -2.20	47.73 -0.10 1.05	46.09 -0.13 -1.40	40.49 0.04 1.78	34.84 0.03 -1.13	31.14 0.09 -2.14	26.40 0.18 -0.21
WETHRSFD_WT_PWR 323626	27.55 -1.09 0.00	25.45 -0.84 0.00	23.14 -0.81 0.00	21.79 -0.95 0.00	21.56 -0.88 0.00	21.75 -1.17 0.00	24.86 -0.98 0.00	24.38 -0.94 0.00	22.99 -0.96 0.00	19.25 -0.70 0.00	18.64 -0.68 0.00	19.50 -0.34 0.00	20.01 -0.35 0.00	21.86 -0.24 -0.01	21.57 -0.55 0.00	23.54 -0.81 1.69	30.35 -1.20 -0.78	38.02 -1.83 1.67	40.35 -2.20 6.32	39.58 -2.20 3.05	33.16 -1.77 7.29	28.78 -1.48 3.41	28.61 -1.04 -0.73	25.62 -0.57 -0.18
WHAVSTOR_138KV_BK127 55557	29.55 0.92 0.00	27.11 0.81 0.00	24.68 0.72 0.00	23.40 0.66 0.00	23.08 0.65 0.00	23.60 0.69 0.00	26.64 0.80 0.00	26.08 0.76 0.00	24.71 0.77 0.00	20.65 0.70 0.00	20.01 0.70 0.00	20.51 0.67 0.00	21.11 0.75 0.00	22.86 0.77 0.00	22.92 0.80 0.00	26.95 0.91 0.00	31.85 1.08 0.00	42.84 1.33 0.00	50.44 1.56 0.00	46.17 1.34 0.00	43.83 1.60 0.00	34.95 1.28 0.00	29.96 1.04 0.00	26.90 0.88 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.55 0.92 0.00	27.11 0.81 0.00	24.68 0.72 0.00	23.40 0.66 0.00	23.08 0.65 0.00	23.60 0.69 0.00	26.64 0.80 0.00	26.08 0.76 0.00	24.71 0.77 0.00	20.65 0.70 0.00	20.01 0.70 0.00	20.51 0.67 0.00	21.11 0.75 0.00	22.86 0.77 0.00	22.92 0.80 0.00	26.95 0.91 0.00	31.85 1.08 0.00	42.84 1.33 0.00	50.44 1.56 0.00	46.17 1.34 0.00	43.83 1.60 0.00	34.95 1.28 0.00	29.96 1.04 0.00	26.90 0.88 0.00
WHITEHAL_115KV_TB1 80871	30.38 1.75 0.00	27.89 1.60 0.00	25.49 1.53 0.00	24.20 1.46 0.00	23.82 1.39 0.00	24.34 1.42 0.00	27.44 1.60 0.00	26.71 1.39 0.00	24.93 0.98 0.00	20.65 0.70 0.00	19.62 0.31 0.00	19.98 0.14 0.00	20.42 0.06 0.00	22.24 0.15 0.00	22.36 0.24 0.00	26.53 0.49 0.00	31.76 0.98 0.00	43.63 2.12 0.00	52.05 3.18 0.00	48.05 3.23 0.00	45.14 2.91 0.00	35.93 2.26 0.00	30.77 1.85 0.00	27.52 1.51 0.00
WHITEPLN_13_KV_LOAD 356215	29.84 1.20 0.00	27.39 1.10 0.00	24.91 0.96 0.00	23.63 0.89 0.00	23.31 0.87 0.00	23.85 0.94 0.00	26.87 1.03 0.00	26.33 1.01 0.00	25.00 1.05 0.00	20.91 0.96 0.00	20.26 0.95 0.00	20.77 0.93 0.00	21.44 1.08 0.00	23.22 1.13 0.00	23.25 1.13 0.00	27.34 1.30 0.00	32.25 1.48 0.00	43.46 1.95 0.00	51.12 2.25 0.00	46.80 1.97 0.00	44.47 2.24 0.00	35.39 1.72 0.00	30.33 1.42 0.00	27.21 1.20 0.00
WM_FLOYD_69_KV_BK2 356380	29.38 0.74 0.00	26.79 0.50 0.00	24.29 0.34 0.00	23.08 0.34 0.00	22.86 0.43 0.00	23.28 0.37 0.00	26.28 0.44 0.00	25.80 0.48 0.00	24.43 0.48 0.00	20.37 0.42 0.00	19.99 0.68 0.00	20.35 0.52 0.00	20.97 0.61 0.00	22.84 0.75 0.00	22.98 0.86 0.00	27.06 1.02 0.00	32.10 1.32 0.00	42.34 0.83 0.01	49.75 0.88 0.01	45.68 0.85 0.00	43.28 1.06 0.01	35.26 1.58 0.00	29.99 1.07 0.00	26.79 0.78 0.00
WOODARD__115KV_TB2 355635	28.23 -0.40 0.00	25.95 -0.34 0.00	23.62 -0.34 0.00	22.42 -0.32 0.00	22.14 -0.29 0.00	22.62 -0.30 0.00	25.50 -0.34 0.00	25.06 -0.25 0.00	23.68 -0.26 0.00	19.88 -0.24 -0.16	19.64 -0.23 -0.56	20.22 -0.18 -0.56	20.18 -0.18 0.00	21.93 -0.18 -0.02	22.87 -0.18 -0.93	29.09 -0.23 -3.28	34.45 -0.31 -3.98	45.82 -0.42 -4.72	48.28 -0.49 0.11	48.88 -0.45 -4.50	40.20 -0.42 1.61	36.11 -0.37 -2.81	32.41 -0.26 -3.75	26.17 -0.18 -0.34
WOODMERE_69_KV_BK1 55827	29.92 1.29 0.00	27.34 1.05 0.00	24.82 0.86 0.00	23.54 0.80 0.00	23.26 0.83 0.00	23.74 0.82 0.00	26.82 0.98 0.00	26.25 0.94 0.00	24.93 0.98 0.00	20.81 0.86 0.00	20.38 1.06 0.00	20.81 0.97 0.00	21.44 1.08 0.00	23.30 1.21 0.00	23.40 1.28 0.00	27.50 1.46 0.00	32.50 1.72 0.00	43.13 1.62 0.01	50.68 1.81 0.01	46.48 1.66 0.00	44.08 1.86 0.01	35.63 1.95 0.00	30.45 1.53 0.00	27.29 1.27 0.00
YORK___WARBASSE 23770	29.87 1.23 0.00	27.39 1.10 0.00	24.91 0.96 0.00	23.63 0.89 0.00	23.31 0.87 0.00	23.76 0.85 0.00	26.85 1.01 0.00	26.28 0.96 0.00	24.95 1.01 0.00	20.91 0.96 0.00	20.26 0.95 0.00	20.77 0.93 0.00	21.42 1.06 0.00	23.15 1.06 0.00	23.23 1.11 0.00	27.26 1.22 0.00	32.28 1.51 0.00	43.51 1.99 0.00	51.12 2.25 0.00	46.66 1.84 0.00	44.47 2.24 0.00	35.39 1.72 0.00	30.33 1.42 0.00	27.26 1.25 0.00