

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/11/2024

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	21.12	18.31	19.06	18.28	15.70	20.35	30.07	28.27	24.09	29.77	20.96	20.82	20.86	22.06	24.01	27.81	50.76	44.93	32.38	29.98	24.13	23.66	22.72	26.25
24138	1.26	1.06	1.06	1.03	0.88	1.10	1.63	1.71	1.59	1.91	1.33	1.34	1.41	1.42	1.56	1.89	3.28	3.15	2.15	1.97	1.63	1.61	1.52	1.58
	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	21.12	18.30	19.05	18.26	15.68	20.34	30.04	28.23	24.05	29.71	20.92	20.77	20.82	22.00	23.95	27.75	50.67	44.87	32.34	29.95	24.10	23.63	22.70	26.23
24260	1.26	1.05	1.05	1.01	0.86	1.08	1.60	1.67	1.54	1.85	1.29	1.29	1.36	1.36	1.50	1.83	3.19	3.09	2.11	1.94	1.61	1.59	1.50	1.55
	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	21.12	18.30	19.05	18.26	15.68	20.34	30.04	28.23	24.05	29.71	20.92	20.77	20.82	22.00	23.95	27.75	50.67	44.87	32.34	29.95	24.10	23.63	22.70	26.23
24261	1.26	1.05	1.05	1.01	0.86	1.08	1.60	1.67	1.54	1.85	1.29	1.29	1.36	1.36	1.50	1.83	3.19	3.09	2.11	1.94	1.61	1.59	1.50	1.55
	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	20.83	18.09	18.89	18.13	15.59	20.33	30.07	28.04	23.80	29.57	20.60	20.27	20.28	21.65	23.66	27.39	50.23	44.22	32.07	29.65	23.63	23.08	22.30	25.96
24011	0.97	0.84	0.89	0.88	0.77	1.07	1.63	1.48	1.29	1.72	0.96	0.78	0.82	1.01	1.21	1.47	2.76	2.43	1.84	1.64	1.14	1.03	1.09	1.28
	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	20.85	18.10	18.90	18.16	15.62	20.40	30.23	28.17	23.95	29.74	20.64	20.31	20.32	21.74	23.79	27.54	50.54	44.44	32.28	29.83	23.70	23.14	22.38	26.08
23798	0.98	0.86	0.90	0.91	0.80	1.15	1.79	1.62	1.44	1.89	1.00	0.82	0.86	1.09	1.34	1.62	3.06	2.66	2.05	1.82	1.21	1.10	1.17	1.40
	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	20.83	18.09	18.89	18.13	15.59	20.33	30.07	28.04	23.80	29.57	20.60	20.27	20.28	21.65	23.66	27.39	50.23	44.22	32.07	29.65	23.63	23.08	22.30	25.96
24028	0.97	0.84	0.89	0.88	0.77	1.07	1.63	1.48	1.29	1.72	0.96	0.78	0.82	1.01	1.21	1.47	2.76	2.43	1.84	1.64	1.14	1.03	1.09	1.28
	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	20.93	18.20	19.03	18.23	15.66	20.27	29.88	27.77	23.64	29.15	20.35	20.07	20.08	21.43	23.48	27.18	49.50	43.62	31.63	29.23	23.49	22.94	22.16	25.82
23527	1.07	0.96	1.03	0.98	0.84	1.01	1.45	1.22	1.13	1.30	0.71	0.59	0.62	0.78	1.02	1.26	2.02	1.84	1.39	1.23	0.99	0.90	0.96	1.14
	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	20.60	17.90	18.71	17.94	15.41	19.96	29.45	27.48	23.31	28.77	20.19	19.90	19.92	21.16	23.08	26.68	48.77	42.96	31.10	28.77	23.11	22.61	21.78	25.33
24190	0.74	0.65	0.71	0.69	0.59	0.71	1.01	0.92	0.81	0.92	0.55	0.42	0.46	0.51	0.62	0.76	1.29	1.18	0.87	0.77	0.61	0.57	0.57	0.65
	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	19.86	17.22	17.91	7.83	14.58	18.08	25.36	23.57	19.72	24.75	17.10	16.96	16.93	18.91	21.75	24.07	44.88	41.66	29.00	24.93	19.79	19.38	18.60	22.14
355683	0.00	-0.03	-0.09	-0.08	-0.06	-0.02	0.00	-0.03	-0.08	-0.07	0.00	0.00	-0.01	-0.02	-0.05	-0.13	-0.06	-0.12	-0.08	-0.02	0.01	0.01	0.03	0.10
	0.00	0.00	0.00	9.34	0.19	1.15	3.07	2.96	2.71	3.03	2.54	2.53	2.52	1.72	0.64	1.73	2.54	0.00	1.16	3.06	2.71	2.69	2.63	2.63
ALBANY_1_SOLAR	20.74	18.03	18.86	18.08	15.54	20.13	29.71	27.67	23.34	28.73	20.22	20.05	20.09	21.32	23.29	26.94	49.32	43.44	31.45	29.10	23.35	22.84	21.98	25.58
323833	0.87	0.78	0.86	0.83	0.71	0.88	1.28	1.11	0.83	0.88	0.58	0.56	0.63	0.68	0.84	1.02	1.84	1.65	1.22	1.10	0.86	0.80	0.78	0.90
	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	20.73	18.02	18.85	18.07	15.53	20.12	29.70	27.66	23.33	28.73	20.21	20.05	20.08	21.32	23.29	26.94	49.31	43.43	31.44	29.09	23.35	22.84	21.97	25.57
323834	0.87	0.78	0.85	0.82	0.71	0.87	1.27	1.10	0.82	0.87	0.57	0.56	0.62	0.67	0.84	1.02	1.83	1.64	1.21	1.09	0.85	0.80	0.77	0.90
	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	20.60	17.90	18.71	17.94	15.41	19.96	29.45	27.48	23.31	28.77	20.19	19.90	19.92	21.16	23.08	26.68	48.77	42.96	31.10	28.77	23.11	22.61	21.78	25.33
23571	0.74	0.65	0.71	0.69	0.59	0.71	1.01	0.92	0.81	0.92	0.55	0.42	0.46	0.51	0.62	0.76	1.29	1.18	0.87	0.77	0.61	0.57	0.57	0.65
	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	20.60 0.74 0.00	17.90 0.65 0.00	18.71 0.71 0.00	17.94 0.69 0.00	15.41 0.59 0.00	19.96 0.71 0.00	29.45 1.01 0.00	27.48 0.92 0.00	23.31 0.81 0.00	28.77 0.92 0.00	20.19 0.55 0.00	19.90 0.42 0.00	19.92 0.46 0.00	21.16 0.51 0.00	23.08 0.62 0.00	26.68 0.76 0.00	48.77 1.29 0.00	42.96 1.18 0.00	31.10 0.87 0.00	28.77 0.77 0.00	23.11 0.61 0.00	22.61 0.57 0.00	21.78 0.57 0.00	25.33 0.65 0.00
ALBANY___3 23573	20.60 0.74 0.00	17.90 0.65 0.00	18.71 0.71 0.00	17.94 0.69 0.00	15.41 0.59 0.00	19.96 0.71 0.00	29.45 1.01 0.00	27.48 0.92 0.00	23.31 0.81 0.00	28.77 0.92 0.00	20.19 0.55 0.00	19.90 0.42 0.00	19.92 0.46 0.00	21.16 0.51 0.00	23.08 0.62 0.00	26.68 0.76 0.00	48.77 1.29 0.00	42.96 1.18 0.00	31.10 0.87 0.00	28.77 0.77 0.00	23.11 0.61 0.00	22.61 0.57 0.00	21.78 0.57 0.00	25.33 0.65 0.00
ALBANY___4 23574	20.60 0.74 0.00	17.90 0.65 0.00	18.71 0.71 0.00	17.94 0.69 0.00	15.41 0.59 0.00	19.96 0.71 0.00	29.45 1.01 0.00	27.48 0.92 0.00	23.31 0.81 0.00	28.77 0.92 0.00	20.19 0.55 0.00	19.90 0.42 0.00	19.92 0.46 0.00	21.16 0.51 0.00	23.08 0.62 0.00	26.68 0.76 0.00	48.77 1.29 0.00	42.96 1.18 0.00	31.10 0.87 0.00	28.77 0.77 0.00	23.11 0.61 0.00	22.61 0.57 0.00	21.78 0.57 0.00	25.33 0.65 0.00
ALBANY___LFGE 323615	20.70 0.84 0.00	17.99 0.74 0.00	18.81 0.81 0.00	18.03 0.78 0.00	15.49 0.67 0.00	20.07 0.81 0.00	29.61 1.18 0.00	27.62 1.06 0.00	23.44 0.94 0.00	28.95 1.10 0.00	20.33 0.69 0.00	20.06 0.57 0.00	20.07 0.61 0.00	21.33 0.68 0.00	23.25 0.80 0.00	26.90 0.98 0.00	49.16 1.68 0.00	43.32 1.54 0.00	31.36 1.13 0.00	29.00 1.00 0.00	23.28 0.78 0.00	22.78 0.74 0.00	21.93 0.73 0.00	25.50 0.82 0.00
ALCOA_PA_115KV_PL-6C 55860	19.92 0.05 0.00	17.27 0.02 0.00	17.95 -0.04 0.00	7.87 -0.04 9.34	14.62 -0.02 0.19	18.14 0.03 1.15	75.45 0.09 -46.93	52.94 0.17 -26.21	19.83 0.03 2.71	24.83 0.01 3.03	17.15 0.05 2.54	17.02 0.06 2.53	16.97 0.04 2.52	18.97 0.04 1.72	21.81 0.00 0.64	24.13 -0.06 1.73	45.01 0.07 2.54	41.76 -0.03 0.00	29.08 0.01 1.16	25.01 0.06 3.06	19.85 0.07 2.71	19.44 0.08 2.69	18.66 0.09 2.63	22.21 0.17 2.63
ALCOA_RYNLDS___DRP 24188	19.92 0.05 0.00	17.27 0.02 0.00	17.95 -0.04 0.00	7.87 -0.04 9.34	14.62 -0.02 0.19	18.14 0.03 1.15	75.45 0.09 -46.93	52.94 0.17 -26.21	19.83 0.03 2.71	24.83 0.01 3.03	17.15 0.05 2.54	17.02 0.06 2.53	16.97 0.04 2.52	18.97 0.04 1.72	21.81 0.00 0.64	24.13 -0.06 1.73	45.01 0.07 2.54	41.76 -0.03 0.00	29.08 0.01 1.16	25.01 0.06 3.06	19.85 0.07 2.71	19.44 0.08 2.69	18.66 0.09 2.63	22.21 0.17 2.63
ALCOA___DSASP 323711	19.92 0.05 0.00	17.27 0.02 0.00	17.95 -0.04 0.00	7.87 -0.04 9.34	14.62 -0.02 0.19	18.14 0.03 1.15	75.45 0.09 -46.93	52.94 0.17 -26.21	19.83 0.03 2.71	24.83 0.01 3.03	17.14 0.04 2.54	17.02 0.06 2.53	16.98 0.04 2.52	18.97 0.04 1.72	21.81 0.00 0.64	24.13 -0.06 1.73	45.00 0.06 2.54	41.76 -0.03 0.00	29.08 0.01 1.16	25.01 0.06 3.06	19.85 0.07 2.71	19.44 0.08 2.69	18.66 0.09 2.63	22.21 0.17 2.63
ALLEGHENY___COGEN 23514	19.33 -0.53 0.00	16.74 -0.51 0.00	17.49 -0.51 0.00	16.63 -0.62 0.00	14.30 -0.52 0.00	18.96 -0.30 0.00	28.18 -0.25 0.00	26.22 -0.33 0.00	22.16 -0.34 0.00	27.48 -0.38 0.00	19.43 -0.21 0.00	19.36 -0.13 0.00	19.05 -0.41 0.00	20.28 -0.37 0.00	24.28 -0.43 -2.26	60.35 -0.46 -34.89	103.79 -0.59 -56.89	92.24 -0.64 -51.10	69.92 -0.42 -40.11	76.34 -0.40 -48.74	51.37 -0.38 -29.25	35.61 -0.54 -14.11	20.58 -0.62 0.00	24.22 -0.45 0.00
ALTAMONT_115KV_TB 2 55880	20.44 0.58 0.00	17.77 0.52 0.00	18.58 0.58 0.00	17.81 0.56 0.00	15.30 0.48 0.00	19.82 0.56 0.00	29.24 0.81 0.00	27.29 0.74 0.00	23.16 0.65 0.00	28.62 0.76 0.00	20.12 0.48 0.00	19.90 0.42 0.00	19.91 0.44 0.00	21.14 0.49 0.00	23.05 0.59 0.00	26.65 0.73 0.00	48.70 1.23 0.00	42.92 1.14 0.00	31.05 0.82 0.00	28.75 0.74 0.00	23.09 0.59 0.00	22.61 0.57 0.00	21.76 0.56 0.00	25.30 0.62 0.00
ALTONA_WT_PWR 323606	19.76 -0.10 0.00	17.02 -0.22 0.00	17.44 -0.55 0.01	8.02 -0.58 8.65	11.31 -0.49 3.03	0.43 -0.60 18.23	-21.08 -0.77 48.74	-21.08 -0.72 46.92	-21.05 -0.64 42.92	-21.07 -0.83 48.10	-21.09 -0.50 40.24	-21.06 -0.49 40.05	-21.07 -0.50 40.04	-7.09 -0.53 27.21	11.76 -0.49 10.20	16.94 -0.55 8.43	6.30 -0.90 40.28	41.03 -0.75 0.00	11.28 -0.59 18.36	-21.10 -0.62 48.49	-21.07 -0.50 43.08	-21.07 -0.52 42.60	-21.09 -0.54 41.76	-17.59 -0.51 41.75
AMERICAN_REF_FUEL 24010	18.11 -1.75 0.00	15.81 -1.44 0.00	16.48 -1.52 0.00	15.71 -1.54 0.00	13.48 -1.34 0.00	17.81 -1.44 0.00	26.36 -2.08 0.00	24.07 -2.49 0.00	19.99 -2.52 0.00	24.87 -2.98 0.00	17.64 -2.00 0.00	17.69 -1.80 0.00	17.45 -2.00 0.00	18.60 -2.05 0.00	19.52 -2.38 0.55	14.60 -2.76 8.56	27.76 -5.73 13.99	23.93 -5.29 12.57	16.84 -3.53 9.86	12.68 -3.34 11.98	13.08 -2.26 7.16	16.30 -2.30 3.45	18.93 -2.27 0.00	22.73 -1.95 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.11 -1.75 0.00	15.63 -1.61 0.00	16.44 -1.56 0.00	15.71 -1.54 0.00	13.49 -1.33 0.00	17.97 -1.29 0.00	26.61 -1.83 0.00	24.40 -2.15 0.00	20.54 -1.97 0.00	25.66 -2.20 0.00	18.21 -1.43 0.00	18.32 -1.16 0.00	18.01 -1.45 0.00	19.11 -1.54 0.00	18.57 -1.91 1.98	9.06 -2.38 14.49	28.83 -4.45 14.20	25.10 -3.93 12.76	17.74 -2.48 10.01	13.19 -2.65 12.17	13.21 -1.99 7.30	16.58 -1.94 3.52	19.30 -1.90 0.00	23.14 -1.54 0.00
ARTHUR KILL_GT_1 23520	20.91 1.05 0.00	18.11 0.86 0.00	18.85 0.86 0.00	18.20 0.96 0.00	15.68 0.86 0.00	20.34 1.09 0.00	30.06 1.62 0.00	28.24 1.69 0.00	24.01 1.50 0.00	29.59 1.74 0.00	20.87 1.23 0.00	20.71 1.22 0.00	20.70 1.24 0.00	21.88 1.24 0.00	23.83 1.38 0.00	27.64 1.72 0.00	50.48 3.01 0.00	44.76 2.98 0.00	32.26 2.03 0.00	29.92 1.91 0.00	24.11 1.61 0.00	23.64 1.59 0.00	22.70 1.49 0.00	26.24 1.56 0.00
ARTHUR_KILL_2 23512	20.86 1.00 0.00	18.07 0.83 0.00	18.81 0.81 0.00	18.17 0.92 0.00	15.64 0.82 0.00	20.29 1.04 0.00	29.98 1.55 0.00	28.17 1.61 0.00	23.94 1.43 0.00	29.51 1.66 0.00	20.81 1.17 0.00	20.66 1.17 0.00	20.66 1.20 0.00	21.83 1.19 0.00	23.78 1.33 0.00	27.57 1.65 0.00	50.34 2.87 0.00	44.63 2.85 0.00	32.17 1.93 0.00	29.83 1.82 0.00	24.04 1.54 0.00	23.57 1.52 0.00	22.63 1.43 0.00	26.17 1.50 0.00
ARTHUR_KILL_3 23513	20.99 1.13 0.00	18.19 0.95 0.00	18.94 0.94 0.00	18.13 0.89 0.00	15.56 0.74 0.00	20.18 0.92 0.00	29.81 1.37 0.00	28.00 1.45 0.00	23.84 1.33 0.00	29.44 1.58 0.00	20.73 1.09 0.00	20.58 1.09 0.00	20.63 1.17 0.00	21.80 1.15 0.00	23.73 1.28 0.00	27.50 1.58 0.00	50.20 2.72 0.00	44.46 2.68 0.00	32.04 1.81 0.00	29.68 1.67 0.00	23.90 1.40 0.00	23.45 1.41 0.00	22.54 1.34 0.00	26.05 1.38 0.00

[illegible]

ASTORIA_GT4_4 24105	20.94 1.08 0.00	18.14 0.89 0.00	18.88 0.88 0.00	18.11 0.86 0.00	15.54 0.71 0.00	20.14 0.88 0.00	29.77 1.33 0.00	27.98 1.42 0.00	23.84 1.33 0.00	29.41 1.56 0.00	20.70 1.07 0.00	20.52 1.03 0.00	20.56 1.10 0.00	21.67 1.02 0.00	23.61 1.16 0.00	27.37 1.45 0.00	50.12 2.65 0.00	44.37 2.59 0.00	31.98 1.75 0.00	29.65 1.65 0.00	23.89 1.39 0.00	23.41 1.36 0.00	22.48 1.28 0.00	25.99 1.31 0.00
ASTORIA_GT_1 23523	20.97 1.12 0.00	18.16 0.92 0.00	18.91 0.91 0.00	18.14 0.89 0.00	15.56 0.74 0.00	20.17 0.91 0.00	29.81 1.37 0.00	28.03 1.47 0.00	23.89 1.38 0.00	29.48 1.62 0.00	20.74 1.11 0.00	20.56 1.08 0.00	20.60 1.14 0.00	21.72 1.07 0.00	23.66 1.21 0.00	27.43 1.51 0.00	50.22 2.75 0.00	44.46 2.68 0.00	32.05 1.81 0.00	29.71 1.71 0.00	23.94 1.44 0.00	23.45 1.41 0.00	22.52 1.32 0.00	26.03 1.35 0.00
ASTORIA_GT_10 24110	20.99 1.13 0.00	18.19 0.95 0.00	18.93 0.94 0.00	18.16 0.91 0.00	15.59 0.77 0.00	20.21 0.95 0.00	29.85 1.41 0.00	28.04 1.48 0.00	23.88 1.37 0.00	29.48 1.63 0.00	20.77 1.14 0.00	20.62 1.13 0.00	20.65 1.19 0.00	21.81 1.17 0.00	23.76 1.31 0.00	27.54 1.62 0.00	50.26 2.78 0.00	44.50 2.72 0.00	32.08 1.85 0.00	29.71 1.71 0.00	23.93 1.44 0.00	23.47 1.42 0.00	22.53 1.33 0.00	26.04 1.36 0.00
ASTORIA_GT_11 24225	20.99 1.13 0.00	18.19 0.95 0.00	18.93 0.94 0.00	18.16 0.91 0.00	15.59 0.77 0.00	20.21 0.95 0.00	29.85 1.41 0.00	28.04 1.48 0.00	23.88 1.37 0.00	29.48 1.63 0.00	20.77 1.14 0.00	20.62 1.13 0.00	20.65 1.19 0.00	21.81 1.17 0.00	23.76 1.31 0.00	27.54 1.62 0.00	50.26 2.78 0.00	44.50 2.72 0.00	32.08 1.85 0.00	29.71 1.71 0.00	23.93 1.44 0.00	23.47 1.42 0.00	22.53 1.33 0.00	26.04 1.36 0.00
ASTORIA_GT_12 24226	20.99 1.13 0.00	18.19 0.95 0.00	18.93 0.94 0.00	18.16 0.91 0.00	15.59 0.77 0.00	20.21 0.95 0.00	29.85 1.41 0.00	28.04 1.48 0.00	23.88 1.37 0.00	29.48 1.63 0.00	20.77 1.14 0.00	20.62 1.13 0.00	20.65 1.19 0.00	21.81 1.17 0.00	23.76 1.31 0.00	27.54 1.62 0.00	50.26 2.78 0.00	44.50 2.72 0.00	32.08 1.85 0.00	29.71 1.71 0.00	23.93 1.44 0.00	23.47 1.42 0.00	22.53 1.33 0.00	26.04 1.36 0.00
ASTORIA_GT_13 24227	20.99 1.13 0.00	18.19 0.95 0.00	18.93 0.94 0.00	18.16 0.91 0.00	15.59 0.77 0.00	20.21 0.95 0.00	29.85 1.41 0.00	28.04 1.48 0.00	23.88 1.37 0.00	29.48 1.63 0.00	20.77 1.14 0.00	20.62 1.13 0.00	20.65 1.19 0.00	21.81 1.17 0.00	23.76 1.31 0.00	27.54 1.62 0.00	50.26 2.78 0.00	44.50 2.72 0.00	32.08 1.85 0.00	29.71 1.71 0.00	23.93 1.44 0.00	23.47 1.42 0.00	22.53 1.33 0.00	26.04 1.36 0.00
ASTORIA_GT_5 24106	20.97 1.12 0.00	18.16 0.92 0.00	18.91 0.91 0.00	18.13 0.89 0.00	15.56 0.74 0.00	20.17 0.91 0.00	29.81 1.37 0.00	28.03 1.47 0.00	23.89 1.38 0.00	29.47 1.62 0.00	20.74 1.11 0.00	20.56 1.08 0.00	20.59 1.14 0.00	21.72 1.07 0.00	23.66 1.21 0.00	27.43 1.51 0.00	50.23 2.75 0.00	44.46 2.68 0.00	32.05 1.81 0.00	29.71 1.71 0.00	23.94 1.44 0.00	23.46 1.41 0.00	22.52 1.32 0.00	26.03 1.35 0.00
ASTORIA_GT_7 24107	20.97 1.12 0.00	18.16 0.92 0.00	18.91 0.91 0.00	18.13 0.89 0.00	15.56 0.74 0.00	20.17 0.91 0.00	29.81 1.37 0.00	28.03 1.47 0.00	23.89 1.38 0.00	29.47 1.62 0.00	20.74 1.11 0.00	20.56 1.08 0.00	20.59 1.14 0.00	21.72 1.07 0.00	23.66 1.21 0.00	27.43 1.51 0.00	50.23 2.75 0.00	44.46 2.68 0.00	32.05 1.81 0.00	29.71 1.71 0.00	23.94 1.44 0.00	23.46 1.41 0.00	22.52 1.32 0.00	26.03 1.35 0.00
ASTORIA_GT_8 24108	20.97 1.12 0.00	18.16 0.92 0.00	18.91 0.91 0.00	18.13 0.89 0.00	15.56 0.74 0.00	20.17 0.91 0.00	29.81 1.37 0.00	28.03 1.47 0.00	23.89 1.38 0.00	29.47 1.62 0.00	20.74 1.11 0.00	20.56 1.08 0.00	20.59 1.14 0.00	21.72 1.07 0.00	23.66 1.21 0.00	27.43 1.51 0.00	50.23 2.75 0.00	44.46 2.68 0.00	32.05 1.81 0.00	29.71 1.71 0.00	23.94 1.44 0.00	23.46 1.41 0.00	22.52 1.32 0.00	26.03 1.35 0.00
ASTORIA___2 24149	20.94 1.08 0.00	18.14 0.89 0.00	18.88 0.88 0.00	18.10 0.85 0.00	15.54 0.72 0.00	20.14 0.88 0.00	29.77 1.33 0.00	27.98 1.42 0.00	23.85 1.34 0.00	29.42 1.56 0.00	20.70 1.07 0.00	20.52 1.03 0.00	20.55 1.10 0.00	21.67 1.03 0.00	23.61 1.16 0.00	27.36 1.44 0.00	50.12 2.64 0.00	44.37 2.59 0.00	31.98 1.75 0.00	29.65 1.65 0.00	23.89 1.39 0.00	23.41 1.36 0.00	22.48 1.28 0.00	25.99 1.31 0.00
ASTORIA___3 23516	20.99 1.13 0.00	18.19 0.95 0.00	18.93 0.94 0.00	18.16 0.91 0.00	15.59 0.77 0.00	20.21 0.95 0.00	29.85 1.41 0.00	28.04 1.48 0.00	23.88 1.37 0.00	29.48 1.63 0.00	20.77 1.13 0.00	20.62 1.13 0.00	20.66 1.20 0.00	21.82 1.17 0.00	23.76 1.31 0.00	27.53 1.61 0.00	50.26 2.78 0.00	44.50 2.71 0.00	32.08 1.84 0.00	29.71 1.71 0.00	23.93 1.44 0.00	23.47 1.42 0.00	22.53 1.32 0.00	26.04 1.36 0.00
ASTORIA___4 23517	20.99 1.13 0.00	18.19 0.95 0.00	18.93 0.94 0.00	18.16 0.91 0.00	15.59 0.77 0.00	20.21 0.95 0.00	29.85 1.41 0.00	28.04 1.48 0.00	23.88 1.37 0.00	29.48 1.63 0.00	20.77 1.14 0.00	20.62 1.13 0.00	20.65 1.19 0.00	21.81 1.17 0.00	23.76 1.31 0.00	27.54 1.62 0.00	50.26 2.78 0.00	44.50 2.72 0.00	32.08 1.85 0.00	29.71 1.71 0.00	23.93 1.44 0.00	23.47 1.42 0.00	22.53 1.33 0.00	26.04 1.36 0.00
ASTORIA___5 23518	20.99 1.13 0.00	18.19 0.95 0.00	18.93 0.94 0.00	18.16 0.91 0.00	15.59 0.77 0.00	20.21 0.95 0.00	29.85 1.41 0.00	28.04 1.48 0.00	23.88 1.37 0.00	29.48 1.63 0.00	20.77 1.13 0.00	20.62 1.13 0.00	20.66 1.20 0.00	21.82 1.17 0.00	23.76 1.31 0.00	27.53 1.61 0.00	50.26 2.78 0.00	44.50 2.71 0.00	32.08 1.84 0.00	29.71 1.71 0.00	23.93 1.44 0.00	23.47 1.42 0.00	22.53 1.32 0.00	26.04 1.36 0.00
AST_ENERGY_2_CC3 323677	20.98 1.12 0.00	18.18 0.93 0.00	18.93 0.93 0.00	18.14 0.89 0.00	15.57 0.75 0.00	20.19 0.93 0.00	29.81 1.38 0.00	27.99 1.44 0.00	23.85 1.34 0.00	29.45 1.60 0.00	20.75 1.11 0.00	20.60 1.11 0.00	20.65 1.19 0.00	21.82 1.18 0.00	23.75 1.29 0.00	27.51 1.59 0.00	50.23 2.75 0.00	44.49 2.70 0.00	32.06 1.83 0.00	29.69 1.69 0.00	23.91 1.41 0.00	23.45 1.41 0.00	22.54 1.34 0.00	26.05 1.37 0.00
AST_ENERGY_2_CC4 323678	20.98 1.12 0.00	18.18 0.93 0.00	18.93 0.93 0.00	18.14 0.89 0.00	15.57 0.75 0.00	20.19 0.93 0.00	29.81 1.38 0.00	27.99 1.44 0.00	23.85 1.34 0.00	29.45 1.60 0.00	20.75 1.11 0.00	20.60 1.11 0.00	20.65 1.19 0.00	21.82 1.18 0.00	23.75 1.29 0.00	27.51 1.59 0.00	50.23 2.75 0.00	44.49 2.70 0.00	32.06 1.83 0.00	29.69 1.69 0.00	23.91 1.41 0.00	23.45 1.41 0.00	22.54 1.34 0.00	26.05 1.37 0.00

ATHENS_STG_1 23668	20.40 0.54 0.00	17.74 0.50 0.00	18.55 0.55 0.00	17.79 0.53 0.00	15.28 0.46 0.00	19.75 0.50 0.00	29.12 0.69 0.00	27.25 0.70 0.00	23.16 0.65 0.00	28.60 0.75 0.00	20.13 0.49 0.00	19.95 0.46 0.00	19.96 0.50 0.00	21.16 0.51 0.00	23.05 0.59 0.00	26.66 0.74 0.00	48.68 1.20 0.00	42.94 1.16 0.00	31.05 0.81 0.00	28.76 0.76 0.00	23.12 0.62 0.00	22.67 0.62 0.00	21.80 0.60 0.00	25.30 0.62 0.00
ATHENS_STG_2 23670	20.40 0.54 0.00	17.74 0.50 0.00	18.55 0.55 0.00	17.79 0.53 0.00	15.28 0.46 0.00	19.75 0.50 0.00	29.12 0.69 0.00	27.25 0.70 0.00	23.16 0.65 0.00	28.60 0.75 0.00	20.13 0.49 0.00	19.95 0.46 0.00	19.96 0.50 0.00	21.16 0.51 0.00	23.05 0.59 0.00	26.66 0.74 0.00	48.68 1.20 0.00	42.94 1.16 0.00	31.05 0.81 0.00	28.76 0.76 0.00	23.12 0.62 0.00	22.67 0.62 0.00	21.80 0.60 0.00	25.30 0.62 0.00
ATHENS_STG_3 23677	20.40 0.54 0.00	17.74 0.50 0.00	18.55 0.55 0.00	17.79 0.53 0.00	15.28 0.46 0.00	19.75 0.50 0.00	29.12 0.69 0.00	27.25 0.70 0.00	23.16 0.65 0.00	28.60 0.75 0.00	20.13 0.49 0.00	19.95 0.46 0.00	19.96 0.50 0.00	21.16 0.51 0.00	23.05 0.59 0.00	26.66 0.74 0.00	48.68 1.20 0.00	42.94 1.16 0.00	31.05 0.81 0.00	28.76 0.76 0.00	23.12 0.62 0.00	22.67 0.62 0.00	21.80 0.60 0.00	25.30 0.62 0.00
AUBURN___LFGE 323710	19.71 -0.15 0.00	17.11 -0.14 0.00	17.86 -0.14 0.00	17.10 -0.15 0.00	14.69 -0.13 0.00	19.13 -0.13 0.00	28.29 -0.14 0.00	26.41 -0.14 0.00	22.46 -0.05 0.00	27.98 0.13 0.00	19.74 0.10 0.00	19.63 0.15 0.00	19.58 0.13 0.00	20.71 0.06 0.00	22.58 0.03 -0.09	27.33 -0.02 -1.43	49.89 0.08 -2.33	44.07 0.20 -2.09	32.06 0.18 -1.64	30.15 0.15 -1.99	23.67 -0.03 -1.20	22.64 0.01 -0.58	21.08 -0.12 0.00	24.58 -0.09 0.00
BABYLON_RES_REC 323704	21.26 1.40 0.00	18.40 1.15 0.00	18.99 0.99 0.00	18.25 1.00 0.00	15.70 0.87 0.00	20.33 1.08 0.00	29.65 1.22 0.00	27.60 1.04 0.00	24.09 1.58 0.00	29.82 1.96 0.00	20.94 1.30 0.00	20.64 1.15 0.00	20.83 1.37 0.00	22.10 1.45 0.00	24.84 1.72 -0.66	31.39 2.12 -3.36	50.51 3.03 0.00	44.36 2.58 0.00	32.03 1.80 0.00	29.87 1.86 0.00	24.16 1.66 0.00	23.63 1.58 0.00	22.77 1.57 0.00	26.29 1.62 0.00
BABYLON___69_KV_BK2 356345	21.42 1.56 0.00	18.53 1.29 0.00	19.12 1.12 0.00	18.38 1.13 0.00	15.80 0.98 0.00	20.47 1.22 0.00	29.83 1.40 0.00	27.76 1.21 0.00	24.26 1.75 0.00	30.03 2.18 0.00	21.08 1.44 0.00	20.78 1.30 0.00	20.99 1.53 0.00	22.28 1.64 0.00	25.04 1.93 -0.66	31.65 2.37 -3.36	50.84 3.36 0.00	44.63 2.85 0.00	32.23 1.99 0.00	30.12 2.11 0.00	24.39 1.89 0.00	23.84 1.79 0.00	22.96 1.75 0.00	26.51 1.83 0.00
BALL_HILL_WT_PWR 323825	18.46 -1.41 0.00	15.99 -1.25 0.00	16.72 -1.28 0.00	15.94 -1.31 0.00	13.69 -1.14 0.00	18.16 -1.10 0.00	26.87 -1.56 0.00	24.67 -1.88 0.00	20.69 -1.81 0.00	25.82 -2.04 0.00	18.35 -1.29 0.00	18.43 -1.06 0.00	18.16 -1.30 0.00	19.33 -1.31 0.00	19.84 -1.64 0.97	11.39 -2.02 12.52	24.63 -3.91 18.93	21.19 -3.59 17.01	14.56 -2.32 13.35	9.51 -2.28 16.22	11.08 -1.68 9.73	15.65 -1.70 4.69	19.55 -1.65 0.00	23.35 -1.32 0.00
BARON_WINDS___WT_PWR 323822	18.53 -1.33 0.00	16.00 -1.24 0.00	16.81 -1.19 0.00	15.93 -1.32 0.00	13.66 -1.16 0.00	18.14 -1.12 0.00	26.92 -1.51 0.00	25.22 -1.33 0.00	21.36 -1.15 0.00	26.39 -1.47 0.00	18.63 -1.00 0.00	18.71 -0.77 0.00	18.43 -1.03 0.00	19.58 -1.07 0.00	17.36 -1.29 3.81	-34.39 -1.50 58.81	-50.77 -2.36 95.89	-46.79 -2.44 86.13	-39.20 -1.83 67.61	-55.61 -1.46 82.15	-28.21 -1.40 49.30	-3.14 -1.40 23.78	19.71 -1.49 0.00	23.16 -1.52 0.00
BARRETT_IC_1 23704	21.09 1.23 0.00	18.27 1.03 0.00	18.90 0.89 0.00	18.13 0.88 0.00	15.60 0.78 0.00	20.20 0.95 0.00	29.52 1.09 0.00	27.50 0.94 0.00	23.86 1.36 0.00	29.55 1.70 0.00	20.81 1.17 0.00	20.57 1.09 0.00	20.73 1.27 0.00	21.98 1.33 0.00	24.66 1.55 -0.66	31.14 1.86 -3.36	50.16 2.68 0.00	44.12 2.33 0.00	31.79 1.55 0.00	29.58 1.57 0.00	23.90 1.40 0.00	23.42 1.38 0.00	22.57 1.37 0.00	26.09 1.42 0.00
BARRETT_IC_10 23701	21.09 1.23 0.00	18.27 1.03 0.00	18.90 0.89 0.00	18.13 0.88 0.00	15.60 0.78 0.00	20.20 0.95 0.00	29.52 1.09 0.00	27.50 0.94 0.00	23.86 1.36 0.00	29.55 1.70 0.00	20.81 1.17 0.00	20.57 1.09 0.00	20.73 1.27 0.00	21.98 1.33 0.00	24.66 1.55 -0.66	31.14 1.86 -3.36	50.16 2.68 0.00	44.12 2.33 0.00	31.79 1.55 0.00	29.58 1.57 0.00	23.90 1.40 0.00	23.42 1.38 0.00	22.57 1.37 0.00	26.09 1.42 0.00
BARRETT_IC_11 23702	21.09 1.23 0.00	18.27 1.03 0.00	18.90 0.89 0.00	18.13 0.88 0.00	15.60 0.78 0.00	20.20 0.95 0.00	29.52 1.09 0.00	27.50 0.94 0.00	23.86 1.36 0.00	29.55 1.70 0.00	20.81 1.17 0.00	20.57 1.09 0.00	20.73 1.27 0.00	21.98 1.33 0.00	24.66 1.55 -0.66	31.14 1.86 -3.36	50.16 2.68 0.00	44.12 2.33 0.00	31.79 1.55 0.00	29.58 1.57 0.00	23.90 1.40 0.00	23.42 1.38 0.00	22.57 1.37 0.00	26.09 1.42 0.00
BARRETT_IC_12 23703	21.09 1.23 0.00	18.27 1.03 0.00	18.90 0.89 0.00	18.13 0.88 0.00	15.60 0.78 0.00	20.20 0.95 0.00	29.52 1.09 0.00	27.50 0.94 0.00	23.86 1.36 0.00	29.55 1.70 0.00	20.81 1.17 0.00	20.57 1.09 0.00	20.73 1.27 0.00	21.98 1.33 0.00	24.66 1.55 -0.66	31.14 1.86 -3.36	50.16 2.68 0.00	44.12 2.33 0.00	31.79 1.55 0.00	29.58 1.57 0.00	23.90 1.40 0.00	23.42 1.38 0.00	22.57 1.37 0.00	26.09 1.42 0.00
BARRETT_IC_2 23705	21.09 1.23 0.00	18.27 1.03 0.00	18.90 0.89 0.00	18.13 0.88 0.00	15.60 0.78 0.00	20.20 0.95 0.00	29.52 1.09 0.00	27.50 0.94 0.00	23.86 1.36 0.00	29.55 1.70 0.00	20.81 1.17 0.00	20.57 1.09 0.00	20.73 1.27 0.00	21.98 1.33 0.00	24.66 1.55 -0.66	31.14 1.86 -3.36	50.16 2.68 0.00	44.12 2.33 0.00	31.79 1.55 0.00	29.58 1.57 0.00	23.90 1.40 0.00	23.42 1.38 0.00	22.57 1.37 0.00	26.09 1.42 0.00
BARRETT_IC_3 23706	21.09 1.23 0.00	18.27 1.03 0.00	18.90 0.89 0.00	18.13 0.88 0.00	15.60 0.78 0.00	20.20 0.95 0.00	29.52 1.09 0.00	27.50 0.94 0.00	23.86 1.36 0.00	29.55 1.70 0.00	20.81 1.17 0.00	20.57 1.09 0.00	20.73 1.27 0.00	21.98 1.33 0.00	24.66 1.55 -0.66	31.14 1.86 -3.36	50.16 2.68 0.00	44.12 2.33 0.00	31.79 1.55 0.00	29.58 1.57 0.00	23.90 1.40 0.00	23.42 1.38 0.00	22.57 1.37 0.00	26.09 1.42 0.00
BARRETT_IC_4 23707	21.09 1.23 0.00	18.27 1.03 0.00	18.90 0.89 0.00	18.13 0.88 0.00	15.60 0.78 0.00	20.20 0.95 0.00	29.52 1.09 0.00	27.50 0.94 0.00	23.86 1.36 0.00	29.55 1.70 0.00	20.81 1.17 0.00	20.57 1.09 0.00	20.73 1.27 0.00	21.98 1.33 0.00	24.66 1.55 -0.66	31.14 1.86 -3.36	50.16 2.68 0.00	44.12 2.33 0.00	31.79 1.55 0.00	29.58 1.57 0.00	23.90 1.40 0.00	23.42 1.38 0.00	22.57 1.37 0.00	26.09 1.42 0.00

BARRETT_IC_5 23708	21.09 1.23 0.00	18.27 1.03 0.00	18.90 0.89 0.00	18.13 0.88 0.00	15.60 0.78 0.00	20.20 0.95 0.00	29.52 1.09 0.00	27.50 0.94 0.00	23.86 1.36 0.00	29.55 1.70 0.00	20.81 1.17 0.00	20.57 1.09 0.00	20.73 1.27 0.00	21.98 1.33 0.00	24.66 1.55 -0.66	31.14 1.86 -3.36	50.16 2.68 0.00	44.12 2.33 0.00	31.79 1.55 0.00	29.58 1.57 0.00	23.90 1.40 0.00	23.42 1.38 0.00	22.57 1.37 0.00	26.09 1.42 0.00
BARRETT_IC_6 23709	21.09 1.23 0.00	18.27 1.03 0.00	18.90 0.89 0.00	18.13 0.88 0.00	15.60 0.78 0.00	20.20 0.95 0.00	29.52 1.09 0.00	27.50 0.94 0.00	23.86 1.36 0.00	29.55 1.70 0.00	20.81 1.17 0.00	20.57 1.09 0.00	20.73 1.27 0.00	21.98 1.33 0.00	24.66 1.55 -0.66	31.14 1.86 -3.36	50.16 2.68 0.00	44.12 2.33 0.00	31.79 1.55 0.00	29.58 1.57 0.00	23.90 1.40 0.00	23.42 1.38 0.00	22.57 1.37 0.00	26.09 1.42 0.00
BARRETT_IC_7 23710	21.09 1.23 0.00	18.27 1.03 0.00	18.90 0.90 0.00	18.13 0.88 0.00	15.60 0.78 0.00	20.20 0.95 0.00	29.52 1.08 0.00	27.50 0.94 0.00	23.86 1.35 0.00	29.55 1.70 0.00	20.81 1.17 0.00	20.57 1.09 0.00	20.73 1.27 0.00	21.97 1.33 0.00	24.67 1.55 -0.66	31.15 1.87 -3.36	50.17 2.69 0.00	44.13 2.35 0.00	31.79 1.56 0.00	29.58 1.58 0.00	23.90 1.40 0.00	23.42 1.38 0.00	22.57 1.37 0.00	26.09 1.42 0.00
BARRETT_IC_8 23711	21.09 1.23 0.00	18.27 1.03 0.00	18.90 0.89 0.00	18.13 0.88 0.00	15.60 0.78 0.00	20.20 0.95 0.00	29.52 1.09 0.00	27.50 0.94 0.00	23.86 1.36 0.00	29.55 1.70 0.00	20.81 1.17 0.00	20.57 1.09 0.00	20.73 1.27 0.00	21.98 1.33 0.00	24.66 1.55 -0.66	31.14 1.86 -3.36	50.16 2.68 0.00	44.12 2.33 0.00	31.79 1.55 0.00	29.58 1.57 0.00	23.90 1.40 0.00	23.42 1.38 0.00	22.57 1.37 0.00	26.09 1.42 0.00
BARRETT_IC_9 23700	21.09 1.23 0.00	18.27 1.03 0.00	18.90 0.89 0.00	18.13 0.88 0.00	15.60 0.78 0.00	20.20 0.95 0.00	29.52 1.09 0.00	27.50 0.94 0.00	23.86 1.36 0.00	29.55 1.70 0.00	20.81 1.17 0.00	20.57 1.09 0.00	20.73 1.27 0.00	21.98 1.33 0.00	24.66 1.55 -0.66	31.14 1.86 -3.36	50.16 2.68 0.00	44.12 2.33 0.00	31.79 1.55 0.00	29.58 1.57 0.00	23.90 1.40 0.00	23.42 1.38 0.00	22.57 1.37 0.00	26.09 1.42 0.00
BARRETT___1 23545	21.09 1.23 0.00	18.27 1.03 0.00	18.90 0.89 0.00	18.13 0.88 0.00	15.60 0.78 0.00	20.20 0.95 0.00	29.52 1.09 0.00	27.50 0.94 0.00	23.86 1.36 0.00	29.55 1.70 0.00	20.81 1.17 0.00	20.57 1.09 0.00	20.73 1.27 0.00	21.98 1.33 0.00	24.66 1.55 -0.66	31.14 1.86 -3.36	50.16 2.68 0.00	44.12 2.33 0.00	31.79 1.55 0.00	29.58 1.57 0.00	23.90 1.40 0.00	23.42 1.38 0.00	22.57 1.37 0.00	26.09 1.42 0.00
BARRETT___2 23546	21.09 1.23 0.00	18.27 1.03 0.00	18.90 0.89 0.00	18.13 0.88 0.00	15.60 0.78 0.00	20.20 0.95 0.00	29.52 1.09 0.00	27.50 0.94 0.00	23.86 1.36 0.00	29.55 1.70 0.00	20.81 1.17 0.00	20.57 1.09 0.00	20.73 1.27 0.00	21.98 1.33 0.00	24.66 1.55 -0.66	31.14 1.86 -3.36	50.16 2.68 0.00	44.12 2.33 0.00	31.79 1.55 0.00	29.58 1.57 0.00	23.90 1.40 0.00	23.42 1.38 0.00	22.57 1.37 0.00	26.09 1.42 0.00
BATAVIA___115KV_TB1 55881	18.95 -0.91 0.00	16.50 -0.75 0.00	17.19 -0.81 0.00	16.39 -0.86 0.00	14.10 -0.72 0.00	18.60 -0.65 0.00	27.61 -0.82 0.00	25.41 -1.15 0.00	21.27 -1.24 0.00	26.48 -1.37 0.00	18.72 -0.92 0.00	18.80 -0.68 0.00	18.59 -0.87 0.00	19.82 -0.83 0.00	21.05 -1.02 0.38	18.69 -1.29 5.94	35.03 -2.74 9.70	30.47 -2.60 8.72	21.75 -1.65 6.84	18.05 -1.65 8.31	16.41 -1.12 4.97	18.45 -1.20 2.40	20.02 -1.19 0.00	23.82 -0.85 0.00
BAYONEEC___CTG1 323682	21.01 1.15 0.00	18.21 0.96 0.00	18.95 0.96 0.00	18.17 0.92 0.00	15.59 0.77 0.00	20.22 0.97 0.00	29.87 1.43 0.00	28.05 1.50 0.00	23.89 1.38 0.00	29.50 1.65 0.00	20.78 1.14 0.00	20.63 1.14 0.00	20.67 1.21 0.00	21.84 1.20 0.00	23.78 1.33 0.00	27.55 1.63 0.00	50.30 2.82 0.00	44.54 2.76 0.00	32.11 1.88 0.00	29.74 1.74 0.00	23.95 1.45 0.00	23.49 1.44 0.00	22.57 1.37 0.00	26.09 1.41 0.00
BAYONEEC___CTG10 323750	21.01 1.15 0.00	18.21 0.96 0.00	18.95 0.96 0.00	18.17 0.92 0.00	15.59 0.77 0.00	20.22 0.97 0.00	29.87 1.43 0.00	28.05 1.50 0.00	23.89 1.38 0.00	29.50 1.65 0.00	20.78 1.14 0.00	20.63 1.14 0.00	20.67 1.21 0.00	21.84 1.20 0.00	23.78 1.33 0.00	27.55 1.63 0.00	50.30 2.82 0.00	44.54 2.76 0.00	32.11 1.88 0.00	29.74 1.74 0.00	23.95 1.45 0.00	23.49 1.44 0.00	22.57 1.37 0.00	26.09 1.41 0.00
BAYONEEC___CTG2 323683	21.01 1.15 0.00	18.21 0.96 0.00	18.95 0.96 0.00	18.17 0.92 0.00	15.59 0.77 0.00	20.22 0.97 0.00	29.87 1.43 0.00	28.05 1.50 0.00	23.89 1.38 0.00	29.50 1.65 0.00	20.78 1.14 0.00	20.63 1.14 0.00	20.67 1.21 0.00	21.84 1.20 0.00	23.78 1.33 0.00	27.55 1.63 0.00	50.30 2.82 0.00	44.54 2.76 0.00	32.11 1.88 0.00	29.74 1.74 0.00	23.95 1.45 0.00	23.49 1.44 0.00	22.57 1.37 0.00	26.09 1.41 0.00
BAYONEEC___CTG3 323684	21.01 1.15 0.00	18.21 0.96 0.00	18.95 0.96 0.00	18.17 0.92 0.00	15.59 0.77 0.00	20.22 0.97 0.00	29.87 1.43 0.00	28.05 1.50 0.00	23.89 1.38 0.00	29.50 1.65 0.00	20.78 1.14 0.00	20.63 1.14 0.00	20.67 1.21 0.00	21.84 1.20 0.00	23.78 1.33 0.00	27.55 1.63 0.00	50.30 2.82 0.00	44.54 2.76 0.00	32.11 1.88 0.00	29.74 1.74 0.00	23.95 1.45 0.00	23.49 1.44 0.00	22.57 1.37 0.00	26.09 1.41 0.00
BAYONEEC___CTG4 323685	21.01 1.15 0.00	18.21 0.96 0.00	18.95 0.96 0.00	18.17 0.92 0.00	15.59 0.77 0.00	20.22 0.97 0.00	29.87 1.43 0.00	28.05 1.50 0.00	23.89 1.38 0.00	29.50 1.65 0.00	20.78 1.14 0.00	20.63 1.14 0.00	20.67 1.21 0.00	21.84 1.20 0.00	23.78 1.33 0.00	27.55 1.63 0.00	50.30 2.82 0.00	44.54 2.76 0.00	32.11 1.88 0.00	29.74 1.74 0.00	23.95 1.45 0.00	23.49 1.44 0.00	22.57 1.37 0.00	26.09 1.41 0.00
BAYONEEC___CTG5 323686	21.01 1.15 0.00	18.21 0.96 0.00	18.95 0.96 0.00	18.17 0.92 0.00	15.59 0.77 0.00	20.22 0.97 0.00	29.87 1.43 0.00	28.05 1.50 0.00	23.89 1.38 0.00	29.50 1.65 0.00	20.78 1.14 0.00	20.63 1.14 0.00	20.67 1.21 0.00	21.84 1.20 0.00	23.78 1.33 0.00	27.55 1.63 0.00	50.30 2.82 0.00	44.54 2.76 0.00	32.11 1.88 0.00	29.74 1.74 0.00	23.95 1.45 0.00	23.49 1.44 0.00	22.57 1.37 0.00	26.09 1.41 0.00
BAYONEEC___CTG6 323687	21.01 1.15 0.00	18.21 0.96 0.00	18.95 0.96 0.00	18.17 0.92 0.00	15.59 0.77 0.00	20.22 0.97 0.00	29.87 1.43 0.00	28.05 1.50 0.00	23.89 1.38 0.00	29.50 1.65 0.00	20.78 1.14 0.00	20.63 1.14 0.00	20.67 1.21 0.00	21.84 1.20 0.00	23.78 1.33 0.00	27.55 1.63 0.00	50.30 2.82 0.00	44.54 2.76 0.00	32.11 1.88 0.00	29.74 1.74 0.00	23.95 1.45 0.00	23.49 1.44 0.00	22.57 1.37 0.00	26.09 1.41 0.00

BAYONEEC___CTG7 323688	21.01 1.15 0.00	18.21 0.96 0.00	18.95 0.96 0.00	18.17 0.92 0.00	15.59 0.77 0.00	20.22 0.97 0.00	29.87 1.43 0.00	28.05 1.50 0.00	23.89 1.38 0.00	29.50 1.65 0.00	20.78 1.14 0.00	20.63 1.14 0.00	20.67 1.21 0.00	21.84 1.20 0.00	23.78 1.33 0.00	27.55 1.63 0.00	50.30 2.82 0.00	44.54 2.76 0.00	32.11 1.88 0.00	29.74 1.74 0.00	23.95 1.45 0.00	23.49 1.44 0.00	22.57 1.37 0.00	26.09 1.41 0.00
BAYONEEC___CTG8 323689	21.01 1.15 0.00	18.21 0.96 0.00	18.95 0.96 0.00	18.17 0.92 0.00	15.59 0.77 0.00	20.22 0.97 0.00	29.87 1.43 0.00	28.05 1.50 0.00	23.89 1.38 0.00	29.50 1.65 0.00	20.78 1.14 0.00	20.63 1.14 0.00	20.67 1.21 0.00	21.84 1.20 0.00	23.78 1.33 0.00	27.55 1.63 0.00	50.30 2.82 0.00	44.54 2.76 0.00	32.11 1.88 0.00	29.74 1.74 0.00	23.95 1.45 0.00	23.49 1.44 0.00	22.57 1.37 0.00	26.09 1.41 0.00
BAYONEEC___CTG9 323749	21.01 1.15 0.00	18.21 0.96 0.00	18.95 0.96 0.00	18.17 0.92 0.00	15.59 0.77 0.00	20.22 0.97 0.00	29.87 1.43 0.00	28.05 1.50 0.00	23.89 1.38 0.00	29.50 1.65 0.00	20.78 1.14 0.00	20.63 1.14 0.00	20.67 1.21 0.00	21.84 1.20 0.00	23.78 1.33 0.00	27.55 1.63 0.00	50.30 2.82 0.00	44.54 2.76 0.00	32.11 1.88 0.00	29.74 1.74 0.00	23.95 1.45 0.00	23.49 1.44 0.00	22.57 1.37 0.00	26.09 1.41 0.00
BEACON___LESR 323632	20.76 0.90 0.00	18.02 0.77 0.00	18.82 0.82 0.00	18.04 0.79 0.00	15.50 0.67 0.00	20.10 0.85 0.00	29.72 1.28 0.00	27.75 1.20 0.00	23.59 1.08 0.00	29.01 1.16 0.00	20.34 0.70 0.00	20.14 0.66 0.00	20.11 0.65 0.00	21.49 0.84 0.00	23.35 0.90 0.00	27.01 1.09 0.00	49.34 1.86 0.00	43.51 1.73 0.00	31.51 1.27 0.00	29.16 1.16 0.00	23.36 0.86 0.00	22.92 0.87 0.00	22.03 0.83 0.00	25.60 0.92 0.00
BEAVER RIVER___HYD 24048	19.62 -0.24 0.00	16.95 -0.29 0.00	17.55 -0.45 0.00	15.57 -0.48 1.21	15.20 -0.38 -0.76	23.44 -0.37 -4.55	40.15 -0.46 -12.18	37.97 -0.30 -11.72	32.96 -0.27 -10.72	39.44 -0.43 -12.02	29.58 -0.11 -10.05	29.38 -0.12 -10.01	29.40 -0.07 -10.00	27.43 -0.02 -6.80	25.12 0.12 -2.55	28.02 0.45 -1.65	59.38 1.84 -10.06	43.12 1.34 0.00	35.11 0.29 -4.59	40.29 0.17 -12.11	33.24 -0.02 -10.76	32.48 -0.21 -10.64	31.34 -0.30 -10.43	34.73 -0.37 -10.43
BEEBEE_GT_13 23619	19.01 -0.85 0.00	16.52 -0.73 0.00	17.23 -0.77 0.00	16.45 -0.80 0.00	14.15 -0.68 0.00	18.56 -0.70 0.00	27.49 -0.95 0.00	25.41 -1.15 0.00	21.40 -1.10 0.00	26.60 -1.26 0.00	18.81 -0.83 0.00	18.79 -0.69 0.00	18.65 -0.81 0.00	19.86 -0.79 0.00	21.48 -0.97 0.00	24.67 -1.25 0.00	45.03 -2.45 0.00	39.49 -2.29 0.00	28.72 -1.51 0.00	26.49 -1.52 0.00	21.35 -1.15 0.00	20.86 -1.18 0.00	20.10 -1.10 0.00	23.69 -0.98 0.00
BENSHRST_27_KV_BENSHRST_1 355998	21.07 1.21 0.00	18.25 1.00 0.00	18.99 1.00 0.00	18.24 1.00 0.00	15.67 0.85 0.00	20.33 1.08 0.00	30.06 1.62 0.00	28.25 1.69 0.00	24.05 1.55 0.00	29.70 1.84 0.00	20.92 1.28 0.00	20.80 1.31 0.00	20.82 1.36 0.00	22.00 1.35 0.00	23.96 1.51 0.00	27.77 1.85 0.00	50.66 3.18 0.00	44.89 3.11 0.00	32.37 2.14 0.00	29.99 1.99 0.00	24.18 1.68 0.00	23.69 1.65 0.00	22.75 1.55 0.00	26.27 1.60 0.00
BETHLEHEM___GRP 23843	20.60 0.74 0.00	17.90 0.65 0.00	18.71 0.71 0.00	17.94 0.69 0.00	15.41 0.59 0.00	19.96 0.71 0.00	29.45 1.01 0.00	27.48 0.92 0.00	23.31 0.81 0.00	28.77 0.92 0.00	20.19 0.55 0.00	19.90 0.42 0.00	19.92 0.46 0.00	21.16 0.51 0.00	23.08 0.62 0.00	26.68 0.76 0.00	48.77 1.29 0.00	42.96 1.18 0.00	31.10 0.87 0.00	28.77 0.77 0.00	23.11 0.61 0.00	22.61 0.57 0.00	21.78 0.57 0.00	25.33 0.65 0.00
BETHLEHEM___GS1 323560	20.60 0.74 0.00	17.90 0.65 0.00	18.72 0.71 0.00	17.94 0.69 0.00	15.42 0.59 0.00	19.96 0.70 0.00	29.45 1.01 0.00	27.48 0.92 0.00	23.31 0.81 0.00	28.78 0.93 0.00	20.19 0.55 0.00	19.90 0.42 0.00	19.92 0.46 0.00	21.16 0.51 0.00	23.08 0.62 0.00	26.68 0.76 0.00	48.76 1.28 0.00	42.96 1.17 0.00	31.10 0.87 0.00	28.77 0.77 0.00	23.10 0.61 0.00	22.62 0.57 0.00	21.78 0.58 0.00	25.33 0.65 0.00
BETHLEHEM___GS2 323561	20.60 0.74 0.00	17.90 0.65 0.00	18.72 0.71 0.00	17.94 0.69 0.00	15.42 0.59 0.00	19.96 0.70 0.00	29.45 1.01 0.00	27.48 0.92 0.00	23.31 0.81 0.00	28.78 0.93 0.00	20.19 0.55 0.00	19.90 0.42 0.00	19.92 0.46 0.00	21.16 0.51 0.00	23.08 0.62 0.00	26.68 0.76 0.00	48.76 1.28 0.00	42.96 1.17 0.00	31.10 0.87 0.00	28.77 0.77 0.00	23.10 0.61 0.00	22.62 0.57 0.00	21.78 0.58 0.00	25.33 0.65 0.00
BETHLEHEM___GS3 323562	20.60 0.74 0.00	17.90 0.65 0.00	18.72 0.71 0.00	17.94 0.69 0.00	15.42 0.59 0.00	19.96 0.70 0.00	29.45 1.01 0.00	27.48 0.92 0.00	23.31 0.81 0.00	28.78 0.93 0.00	20.19 0.55 0.00	19.90 0.42 0.00	19.92 0.46 0.00	21.16 0.51 0.00	23.08 0.62 0.00	26.68 0.76 0.00	48.76 1.28 0.00	42.96 1.17 0.00	31.10 0.87 0.00	28.77 0.77 0.00	23.10 0.61 0.00	22.62 0.57 0.00	21.78 0.58 0.00	25.33 0.65 0.00
BETHLEHEM___STEEL 23779	18.63 -1.23 0.00	16.17 -1.08 0.00	16.87 -1.12 0.00	16.08 -1.17 0.00	13.82 -1.00 0.00	18.26 -0.99 0.00	27.05 -1.39 0.00	24.83 -1.73 0.00	20.79 -1.72 0.00	25.89 -1.96 0.00	18.37 -1.26 0.00	18.45 -1.04 0.00	18.19 -1.27 0.00	19.39 -1.26 0.00	20.20 -1.55 0.71	13.05 -1.95 10.92	25.91 -3.75 17.82	22.29 -3.49 16.01	15.44 -2.23 12.56	10.60 -2.14 15.27	11.77 -1.58 9.16	16.05 -1.58 4.41	19.68 -1.52 0.00	23.46 -1.21 0.00
BETHLHEM_115KV_TB1 79974	20.56 0.70 0.00	17.87 0.63 0.00	18.69 0.69 0.00	17.91 0.66 0.00	15.39 0.56 0.00	19.93 0.67 0.00	29.40 0.96 0.00	27.43 0.87 0.00	23.28 0.77 0.00	28.73 0.88 0.00	20.17 0.53 0.00	19.90 0.42 0.00	19.92 0.45 0.00	21.16 0.51 0.00	23.06 0.60 0.00	26.67 0.75 0.00	48.74 1.26 0.00	42.95 1.17 0.00	31.08 0.85 0.00	28.77 0.76 0.00	23.10 0.60 0.00	22.61 0.57 0.00	21.77 0.57 0.00	25.32 0.64 0.00
BETHPAGE_CC_5 323564	21.25 1.39 0.00	18.40 1.15 0.00	19.00 1.00 0.00	18.26 1.01 0.00	15.70 0.88 0.00	20.34 1.08 0.00	29.70 1.27 0.00	27.68 1.12 0.00	24.08 1.57 0.00	29.81 1.96 0.00	20.95 1.31 0.00	20.69 1.20 0.00	20.86 1.40 0.00	22.09 1.44 0.00	24.81 1.70 -0.66	31.34 2.06 -3.36	50.50 3.03 0.00	44.40 2.61 0.00	32.03 1.80 0.00	29.85 1.84 0.00	24.11 1.61 0.00	23.60 1.55 0.00	22.76 1.56 0.00	26.29 1.61 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.74 -1.12 0.00	16.24 -1.01 0.00	16.95 -1.05 0.00	16.16 -1.09 0.00	13.88 -0.94 0.00	18.35 -0.91 0.00	27.17 -1.26 0.00	24.97 -1.59 0.00	20.91 -1.60 0.00	26.04 -1.81 0.00	18.48 -1.16 0.00	18.56 -0.92 0.00	18.31 -1.15 0.00	19.52 -1.13 0.00	20.38 -1.41 0.67	13.85 -1.78 10.29	27.27 -3.43 16.78	23.52 -3.19 15.07	16.39 -2.01 11.83	11.71 -1.92 14.38	12.47 -1.41 8.62	16.47 -1.42 4.16	19.82 -1.38 0.00	23.60 -1.08 0.00

BINGHAMTON___COGEN 23790	19.72 -0.14 0.00	17.11 -0.14 0.00	17.88 -0.12 0.00	17.09 -0.16 0.00	14.67 -0.15 0.00	19.17 -0.09 0.00	28.33 -0.11 0.00	26.54 -0.02 0.00	22.46 -0.04 0.00	27.80 -0.05 0.00	19.61 -0.03 0.00	19.57 0.08 0.00	19.47 0.01 0.00	20.66 0.01 0.00	22.44 -0.01 0.00	25.85 -0.07 0.00	47.44 -0.03 0.00	41.71 -0.08 0.00	30.26 0.03 0.00	28.03 0.03 0.00	22.45 -0.05 0.00	22.04 0.00 0.00	21.10 -0.10 0.00	24.60 -0.07 0.00
BIXINCNT_115KV_LOAD 355685	18.70 -1.16 0.00	15.89 -1.35 0.00	16.60 -1.40 0.00	15.93 -1.32 0.00	13.59 -1.23 0.00	18.06 -1.19 0.00	26.94 -1.49 0.00	24.89 -1.67 0.00	20.83 -1.68 0.00	26.02 -1.84 0.00	18.47 -1.17 0.00	18.67 -0.82 0.00	18.43 -1.02 0.00	19.67 -0.98 0.00	20.91 -1.23 0.31	17.93 -1.62 6.37	32.62 -3.58 11.27	28.11 -3.55 10.12	20.11 -2.18 7.95	16.72 -1.63 9.66	15.21 -1.50 5.79	17.73 -1.53 2.79	19.77 -1.43 0.00	23.39 -1.29 0.00
BLACK RIVER___HYD 24047	19.48 -0.38 0.00	16.82 -0.43 0.00	17.43 -0.57 0.00	15.84 -0.59 0.82	14.87 -0.49 -0.53	21.93 -0.51 -3.18	36.29 -0.64 -8.50	34.26 -0.48 -8.18	29.59 -0.41 -7.49	35.69 -0.55 -8.39	26.47 -0.19 -7.02	26.29 -0.19 -6.99	26.30 -0.14 -6.98	25.28 -0.11 -4.75	24.22 -0.02 -1.78	27.35 0.28 -1.15	56.06 1.55 -7.03	42.83 1.05 0.00	33.57 0.13 -3.20	36.51 0.04 -8.46	29.92 -0.09 -7.51	29.17 -0.30 -7.43	28.08 -0.41 -7.29	31.44 -0.52 -7.28
BLACKRVR_115KV_TB2 79977	19.48 -0.38 0.00	16.82 -0.43 0.00	17.43 -0.57 0.00	15.84 -0.59 0.82	14.87 -0.48 -0.53	21.93 -0.51 -3.18	36.29 -0.64 -8.50	34.26 -0.48 -8.18	29.59 -0.41 -7.49	35.70 -0.55 -8.39	26.47 -0.19 -7.02	26.29 -0.19 -6.99	26.30 -0.14 -6.98	25.28 -0.11 -4.75	24.22 -0.02 -1.78	27.35 0.28 -1.15	56.06 1.55 -7.03	42.83 1.05 0.00	33.57 0.13 -3.20	36.51 0.04 -8.46	29.92 -0.09 -7.51	29.17 -0.30 -7.43	28.08 -0.41 -7.29	31.44 -0.52 -7.28
BLISS_WT_PWR 323608	18.58 -1.28 0.00	15.70 -1.55 0.00	16.41 -1.59 0.00	15.76 -1.49 0.00	13.41 -1.41 0.00	17.87 -1.38 0.00	26.73 -1.70 0.00	24.71 -1.85 0.00	20.64 -1.87 0.00	25.82 -2.04 0.00	18.33 -1.31 0.00	18.55 -0.94 0.00	18.32 -1.14 0.00	19.56 -1.09 0.00	20.78 -1.35 0.31	17.82 -1.73 6.37	32.24 -3.97 11.27	27.69 -3.96 10.12	19.84 -2.44 7.95	16.60 -1.75 9.66	15.02 -1.68 5.79	17.50 -1.75 2.79	19.57 -1.63 0.00	23.14 -1.54 0.00
BLUESTONE___WT_PWR 323821	19.77 -0.10 0.00	16.96 -0.29 0.00	17.68 -0.32 0.00	16.84 -0.41 0.00	14.50 -0.33 0.00	19.07 -0.18 0.00	28.63 0.19 0.00	26.99 0.44 0.00	22.81 0.30 0.00	28.54 0.68 0.00	20.06 0.42 0.00	19.69 0.21 0.00	19.65 0.19 0.00	20.84 0.19 0.00	22.82 0.36 0.00	26.19 0.27 0.00	48.01 0.54 0.00	42.94 1.15 0.00	31.02 0.79 0.00	28.22 0.21 0.00	22.81 0.31 0.00	22.27 0.22 0.00	20.73 -0.47 0.00	23.93 -0.75 0.00
BLUE_CIRC_CHEM_DRP 24182	20.59 0.73 0.00	17.91 0.66 0.00	18.73 0.73 0.00	17.96 0.71 0.00	15.43 0.60 0.00	19.99 0.73 0.00	29.49 1.05 0.00	27.47 0.92 0.00	23.24 0.73 0.00	28.67 0.81 0.00	20.16 0.52 0.00	19.95 0.47 0.00	19.97 0.51 0.00	21.21 0.57 0.00	23.15 0.70 0.00	26.77 0.84 0.00	48.95 1.47 0.00	43.10 1.32 0.00	31.20 0.97 0.00	28.88 0.87 0.00	23.18 0.68 0.00	22.69 0.64 0.00	21.84 0.64 0.00	25.42 0.74 0.00
BOC_GAS_DRP 24189	20.40 0.54 0.00	17.73 0.48 0.00	18.54 0.54 0.00	17.78 0.52 0.00	15.27 0.44 0.00	19.76 0.50 0.00	29.15 0.71 0.00	27.22 0.66 0.00	23.11 0.60 0.00	28.53 0.68 0.00	20.06 0.42 0.00	19.85 0.36 0.00	19.85 0.39 0.00	21.08 0.43 0.00	22.96 0.51 0.00	26.56 0.64 0.00	48.53 1.05 0.00	42.75 0.97 0.00	30.93 0.70 0.00	28.64 0.63 0.00	23.01 0.52 0.00	22.55 0.50 0.00	21.70 0.50 0.00	25.22 0.55 0.00
BOONVILLE_115KV_TB1 79983	19.95 0.09 0.00	17.29 0.05 0.00	18.00 0.00 0.00	17.25 0.00 0.00	15.13 0.02 -0.29	21.08 0.10 -1.72	33.26 0.22 -4.61	31.26 0.26 -4.43	26.79 0.23 -4.06	32.68 0.28 -4.55	23.69 0.25 -3.80	23.53 0.26 -3.79	23.53 0.28 -3.78	23.55 0.34 -2.57	23.86 0.45 -0.96	27.28 0.67 -0.69	52.95 1.66 -3.81	43.08 1.30 0.00	32.56 0.59 -1.74	33.09 0.50 -4.58	26.86 0.29 -4.07	26.28 0.21 -4.03	25.28 0.13 -3.95	28.73 0.10 -3.95
BORALEX_4TH_BRANCH 23824	20.93 1.07 0.00	18.20 0.96 0.00	19.03 1.03 0.00	18.23 0.98 0.00	15.66 0.83 0.00	20.27 1.01 0.00	29.88 1.45 0.00	27.77 1.22 0.00	23.64 1.13 0.00	29.15 1.30 0.00	20.35 0.71 0.00	20.07 0.59 0.00	20.08 0.62 0.00	21.43 0.78 0.00	23.48 1.03 0.00	27.18 1.26 0.00	49.50 2.02 0.00	43.62 1.84 0.00	31.63 1.39 0.00	29.23 1.23 0.00	23.49 0.99 0.00	22.94 0.90 0.00	22.16 0.96 0.00	25.82 1.14 0.00
BOWLINE___1 23526	20.79 0.93 0.00	18.04 0.80 0.00	18.80 0.79 0.00	18.02 0.77 0.00	15.46 0.64 0.00	20.06 0.80 0.00	29.61 1.18 0.00	27.81 1.26 0.00	23.62 1.11 0.00	29.15 1.30 0.00	20.55 0.91 0.00	20.38 0.90 0.00	20.41 0.95 0.00	21.58 0.94 0.00	23.48 1.03 0.00	27.20 1.27 0.00	49.66 2.19 0.00	43.95 2.17 0.00	31.71 1.48 0.00	29.39 1.38 0.00	23.66 1.16 0.00	23.23 1.18 0.00	22.33 1.13 0.00	25.87 1.19 0.00
BOWLINE___2 23595	20.79 0.93 0.00	18.04 0.80 0.00	18.80 0.80 0.00	18.02 0.77 0.00	15.46 0.64 0.00	20.06 0.80 0.00	29.61 1.17 0.00	27.81 1.26 0.00	23.61 1.11 0.00	29.14 1.29 0.00	20.54 0.90 0.00	20.38 0.90 0.00	20.40 0.94 0.00	21.56 0.91 0.00	23.46 1.00 0.00	27.16 1.24 0.00	49.60 2.12 0.00	43.90 2.12 0.00	31.67 1.44 0.00	29.35 1.35 0.00	23.64 1.14 0.00	23.22 1.18 0.00	22.33 1.13 0.00	25.87 1.19 0.00
BRADY___115KV_TB2 356060	21.10 1.24 0.00	18.26 1.02 0.00	18.78 0.77 -0.01	14.14 0.64 3.75	17.45 0.62 -2.00	32.34 1.02 -12.06	62.52 1.83 -32.25	59.40 1.80 -31.04	52.20 1.29 -28.39	60.52 0.85 -31.82	47.29 1.03 -26.62	46.78 0.79 -26.50	46.81 0.86 -26.49	39.58 0.93 -18.00	30.71 1.51 -6.75	32.43 2.22 -4.29	79.34 5.21 -26.65	46.53 4.75 0.00	45.43 3.05 -12.15	62.77 2.68 -32.08	52.89 1.90 -28.50	51.76 1.53 -28.18	50.07 1.24 -27.63	53.69 1.39 -27.62
BRANSCOMB___SOLAR 323811	20.79 0.93 0.00	18.06 0.81 0.00	18.87 0.87 0.00	18.09 0.85 0.00	15.56 0.73 0.00	20.22 0.96 0.00	29.87 1.44 0.00	27.84 1.28 0.00	23.61 1.10 0.00	29.29 1.43 0.00	20.49 0.85 0.00	20.17 0.69 0.00	20.17 0.71 0.00	21.53 0.88 0.00	23.51 1.06 0.00	27.22 1.29 0.00	49.83 2.35 0.00	43.90 2.12 0.00	31.81 1.57 0.00	29.40 1.40 0.00	23.53 1.03 0.00	23.00 0.95 0.00	22.18 0.97 0.00	25.81 1.13 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	21.33 1.47 0.00	18.46 1.21 0.00	19.03 1.03 0.00	18.30 1.06 0.00	15.74 0.91 0.00	20.38 1.12 0.00	29.66 1.22 0.00	27.57 1.02 0.00	24.13 1.62 0.00	29.88 2.02 0.00	20.99 1.35 0.00	20.68 1.20 0.00	20.90 1.44 0.00	22.19 1.55 0.00	24.94 1.83 -0.66	31.50 2.22 -3.36	50.32 2.85 0.00	44.05 2.27 0.00	31.82 1.58 0.00	29.85 1.84 0.00	24.23 1.74 0.00	23.69 1.64 0.00	22.83 1.63 0.00	26.36 1.69 0.00

BRISTLHL_115KV_TB1 79998	19.36 -0.50 0.00	16.81 -0.44 0.00	17.55 -0.45 0.00	16.81 -0.44 0.00	14.44 -0.38 0.00	18.80 -0.45 0.00	27.77 -0.66 0.00	25.94 -0.62 0.00	21.99 -0.52 0.00	27.20 -0.65 0.00	19.22 -0.42 0.00	19.10 -0.38 0.00	19.05 -0.41 0.00	20.23 -0.42 0.00	21.98 -0.47 0.00	25.35 -0.58 0.00	46.46 -1.01 0.00	40.89 -0.90 0.00	29.59 -0.65 0.00	27.39 -0.62 0.00	21.98 -0.51 0.00	21.51 -0.54 0.00	20.66 -0.54 0.00	24.06 -0.61 0.00
BROOKHAVEN___DRP 24191	21.22 1.36 0.00	18.35 1.10 0.00	18.86 0.86 0.00	18.19 0.94 0.00	15.60 0.77 0.00	20.20 0.95 0.00	29.36 0.92 0.00	27.18 0.63 0.00	23.93 1.42 0.00	29.59 1.74 0.00	20.69 1.05 0.00	20.34 0.86 0.00	20.68 1.22 0.00	22.03 1.39 0.00	24.76 1.65 -0.66	31.33 2.06 -3.36	50.28 2.80 0.00	44.11 2.33 0.00	31.87 1.63 0.00	29.83 1.83 0.00	24.21 1.71 0.00	23.64 1.59 0.00	22.74 1.54 0.00	26.25 1.57 0.00
BROOKLYN_NAVY_YARD 23515	20.95 1.09 0.00	18.16 0.91 0.00	18.90 0.90 0.00	18.11 0.86 0.00	15.55 0.73 0.00	20.16 0.90 0.00	29.77 1.34 0.00	27.96 1.40 0.00	23.81 1.31 0.00	29.41 1.56 0.00	20.70 1.06 0.00	20.56 1.07 0.00	20.59 1.14 0.00	21.77 1.12 0.00	23.70 1.24 0.00	27.46 1.54 0.00	50.17 2.69 0.00	44.47 2.69 0.00	32.04 1.81 0.00	29.68 1.67 0.00	23.89 1.39 0.00	23.43 1.39 0.00	22.53 1.33 0.00	26.03 1.35 0.00
BROOKLYN___ARMY_DRP 323595	20.99 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.17 0.93 0.00	15.61 0.79 0.00	20.26 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.55 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.38 0.00	27.63 1.71 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.83 0.00	24.05 1.55 0.00	23.58 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
BROOKVLE_69_KV_TB1 55790	21.20 1.34 0.00	18.37 1.12 0.00	19.03 1.03 0.00	18.26 1.01 0.00	15.70 0.88 0.00	20.35 1.09 0.00	29.86 1.43 0.00	27.93 1.37 0.00	24.07 1.56 0.00	29.78 1.93 0.00	20.95 1.31 0.00	20.74 1.25 0.00	20.86 1.40 0.00	22.09 1.44 0.00	24.77 1.66 -0.66	31.29 2.01 -3.36	50.68 3.20 0.00	44.67 2.89 0.00	32.21 1.98 0.00	29.93 1.92 0.00	24.14 1.64 0.00	23.64 1.60 0.00	22.73 1.53 0.00	26.27 1.59 0.00
BROOME_2_LFGE 323671	19.72 -0.14 0.00	17.10 -0.14 0.00	17.88 -0.12 0.00	17.09 -0.16 0.00	14.67 -0.16 0.00	19.17 -0.09 0.00	28.33 -0.11 0.00	26.54 -0.02 0.00	22.46 -0.04 0.00	27.80 -0.06 0.00	19.60 -0.04 0.00	19.57 0.08 0.00	19.47 0.01 0.00	20.66 0.01 0.00	22.44 -0.01 0.00	25.86 -0.06 0.00	47.44 -0.04 0.00	41.70 -0.08 0.00	30.26 0.03 0.00	28.03 0.03 0.00	22.44 -0.06 0.00	22.04 -0.01 0.00	21.10 -0.10 0.00	24.60 -0.07 0.00
BROOME___LFGE 323600	19.72 -0.14 0.00	17.10 -0.14 0.00	17.88 -0.12 0.00	17.09 -0.16 0.00	14.67 -0.16 0.00	19.17 -0.09 0.00	28.33 -0.11 0.00	26.54 -0.02 0.00	22.46 -0.04 0.00	27.80 -0.06 0.00	19.60 -0.04 0.00	19.57 0.08 0.00	19.47 0.01 0.00	20.66 0.01 0.00	22.44 -0.01 0.00	25.86 -0.06 0.00	47.44 -0.04 0.00	41.70 -0.08 0.00	30.26 0.03 0.00	28.03 0.03 0.00	22.44 -0.06 0.00	22.04 -0.01 0.00	21.10 -0.10 0.00	24.60 -0.07 0.00
BROWNFLS_115KV_TB_3_5 80003	19.98 0.12 0.00	17.25 0.00 0.00	17.81 -0.19 0.00	14.56 -0.26 2.43	16.00 -0.18 -1.36	27.35 -0.09 -8.19	50.32 0.01 -21.88	47.73 0.11 -21.07	41.81 0.04 -19.27	49.28 -0.17 -21.60	37.81 0.11 -18.07	37.55 0.08 -17.99	37.55 0.11 -17.98	33.02 0.16 -12.22	27.41 0.38 -4.58	29.62 0.78 -2.93	67.94 2.37 -18.09	43.73 1.94 0.00	39.34 0.86 -8.25	50.46 0.69 -21.77	42.22 0.38 -19.34	41.32 0.15 -19.12	39.97 0.01 -18.75	43.41 -0.01 -18.75
BROWNSV1_27_KV_LOAD 356125	21.16 1.30 0.00	18.33 1.09 0.00	19.08 1.08 0.00	18.29 1.04 0.00	15.69 0.87 0.00	20.37 1.11 0.00	30.09 1.66 0.00	28.27 1.71 0.00	24.08 1.57 0.00	29.74 1.89 0.00	20.95 1.32 0.00	20.79 1.31 0.00	20.84 1.38 0.00	22.03 1.39 0.00	23.99 1.54 0.00	27.79 1.87 0.00	50.75 3.27 0.00	44.95 3.17 0.00	32.40 2.17 0.00	30.01 2.00 0.00	24.16 1.66 0.00	23.69 1.64 0.00	22.75 1.55 0.00	26.29 1.61 0.00
BURROWS___LYONSDAL 23803	19.82 -0.04 0.00	17.16 -0.09 0.00	17.84 -0.16 0.00	16.74 -0.16 0.35	15.08 -0.12 -0.38	21.47 -0.07 -2.28	34.50 -0.03 -6.09	32.47 0.05 -5.86	27.92 0.05 -5.37	33.91 0.04 -6.01	24.77 0.10 -5.03	24.61 0.12 -5.01	24.62 0.15 -5.01	24.26 0.21 -3.40	24.04 0.31 -1.28	27.35 0.57 -0.86	54.17 1.66 -5.04	43.03 1.25 0.00	32.96 0.43 -2.30	34.40 0.33 -6.06	28.02 0.14 -5.38	27.41 0.04 -5.32	26.38 -0.04 -5.22	29.81 -0.08 -5.22
CAITHNESS_CC_1 323624	21.19 1.32 0.00	18.32 1.08 0.00	18.85 0.85 0.00	18.17 0.92 0.00	15.59 0.77 0.00	20.19 0.94 0.00	29.34 0.91 0.00	27.19 0.63 0.00	23.92 1.41 0.00	29.57 1.71 0.00	20.71 1.07 0.00	20.38 0.89 0.00	20.69 1.23 0.00	22.01 1.36 0.00	24.74 1.62 -0.66	31.27 1.99 -3.36	50.15 2.67 0.00	44.00 2.22 0.00	31.80 1.56 0.00	29.74 1.74 0.00	24.13 1.64 0.00	23.58 1.53 0.00	22.70 1.50 0.00	26.20 1.53 0.00
CALPINE BETH_PAGE_GT4 24209	21.24 1.38 0.00	18.39 1.15 0.00	19.00 1.00 0.00	18.25 1.00 0.00	15.70 0.88 0.00	20.34 1.08 0.00	29.72 1.28 0.00	27.70 1.14 0.00	24.07 1.56 0.00	29.80 1.95 0.00	20.95 1.31 0.00	20.69 1.20 0.00	20.85 1.39 0.00	22.04 1.40 0.00	24.76 1.64 -0.66	31.30 2.02 -3.36	50.44 2.96 0.00	44.35 2.57 0.00	32.00 1.76 0.00	29.80 1.80 0.00	24.07 1.57 0.00	23.57 1.53 0.00	22.76 1.56 0.00	26.28 1.61 0.00
CALPINE_BETH_PAGE_GT_4 323586	21.24 1.38 0.00	18.39 1.15 0.00	19.00 1.00 0.00	18.25 1.01 0.00	15.70 0.88 0.00	20.34 1.08 0.00	29.72 1.28 0.00	27.70 1.15 0.00	24.07 1.56 0.00	29.80 1.94 0.00	20.95 1.31 0.00	20.69 1.20 0.00	20.85 1.39 0.00	22.04 1.40 0.00	24.76 1.65 -0.66	31.28 2.01 -3.36	50.43 2.95 0.00	44.35 2.57 0.00	32.00 1.76 0.00	29.79 1.78 0.00	24.07 1.57 0.00	23.57 1.52 0.00	22.76 1.56 0.00	26.28 1.61 0.00
CALPINE_BP_GT1 23823	21.24 1.38 0.00	18.39 1.15 0.00	19.00 1.00 0.00	18.25 1.01 0.00	15.70 0.88 0.00	20.34 1.08 0.00	29.72 1.28 0.00	27.70 1.15 0.00	24.07 1.56 0.00	29.80 1.94 0.00	20.95 1.31 0.00	20.69 1.20 0.00	20.85 1.39 0.00	22.04 1.40 0.00	24.76 1.65 -0.66	31.28 2.01 -3.36	50.43 2.95 0.00	44.35 2.57 0.00	32.00 1.76 0.00	29.79 1.78 0.00	24.07 1.57 0.00	23.57 1.52 0.00	22.76 1.56 0.00	26.28 1.61 0.00
CALSPAN___DRP 24200	18.63 -1.23 0.00	16.17 -1.08 0.00	16.87 -1.12 0.00	16.08 -1.17 0.00	13.82 -1.00 0.00	18.26 -0.99 0.00	27.05 -1.39 0.00	24.83 -1.73 0.00	20.79 -1.72 0.00	25.89 -1.96 0.00	18.37 -1.26 0.00	18.45 -1.04 0.00	18.19 -1.27 0.00	19.39 -1.26 0.00	20.20 -1.55 0.71	13.05 -1.95 10.92	25.91 -3.75 17.82	22.29 -3.49 16.01	15.44 -2.23 12.56	10.60 -2.14 15.27	11.77 -1.58 9.16	16.05 -1.58 4.41	19.68 -1.52 0.00	23.46 -1.21 0.00

CALVERTON___SOLAR 323806	21.23 1.37 0.00	18.36 1.11 0.00	18.86 0.86 0.00	18.19 0.94 0.00	15.60 0.77 0.00	20.21 0.96 0.00	29.38 0.94 0.00	27.16 0.60 0.00	23.95 1.45 0.00	29.61 1.75 0.00	20.66 1.02 0.00	20.31 0.82 0.00	20.68 1.22 0.00	22.04 1.39 0.00	24.78 1.66 -0.66	31.35 2.07 -3.36	50.35 2.87 0.00	44.17 2.38 0.00	31.93 1.70 0.00	29.90 1.89 0.00	24.28 1.78 0.00	23.70 1.65 0.00	22.78 1.57 0.00	26.28 1.61 0.00
CANDIGU_WT_PWR 323617	18.53 -1.33 0.00	16.00 -1.24 0.00	16.81 -1.19 0.00	15.93 -1.32 0.00	13.66 -1.16 0.00	18.14 -1.12 0.00	26.92 -1.51 0.00	25.22 -1.33 0.00	21.36 -1.15 0.00	26.39 -1.47 0.00	18.63 -1.00 0.00	18.71 -0.77 0.00	18.43 -1.03 0.00	19.58 -1.07 0.00	17.36 -1.29 3.81	-34.39 -1.50 58.81	-50.77 -2.36 95.89	-46.79 -2.44 86.13	-39.20 -1.83 67.61	-55.61 -1.46 82.15	-28.21 -1.40 49.30	-3.14 -1.40 23.78	19.71 -1.49 0.00	23.16 -1.52 0.00
CARR STREET_E_SYR 24060	19.49 -0.37 0.00	16.92 -0.33 0.00	17.67 -0.33 0.00	16.92 -0.33 0.00	14.54 -0.28 0.00	18.94 -0.31 0.00	27.99 -0.44 0.00	26.14 -0.41 0.00	22.15 -0.36 0.00	27.43 -0.42 0.00	19.37 -0.27 0.00	19.28 -0.21 0.00	19.20 -0.26 0.00	20.39 -0.26 0.00	22.16 -0.30 0.00	25.54 -0.39 0.00	46.72 -0.76 0.00	41.04 -0.74 0.00	29.72 -0.51 0.00	27.50 -0.50 0.00	22.07 -0.42 0.00	21.66 -0.39 0.00	20.80 -0.41 0.00	24.22 -0.45 0.00
CARTHAGE___PAPER 23857	19.68 -0.18 0.00	16.99 -0.26 0.00	17.60 -0.40 0.00	15.85 -0.43 0.97	15.09 -0.35 -0.62	22.65 -0.31 -3.71	38.00 -0.36 -9.92	35.90 -0.21 -9.55	31.05 -0.20 -8.74	37.32 -0.33 -9.79	27.80 -0.04 -8.19	27.60 -0.04 -8.16	27.62 0.01 -8.15	26.25 0.06 -5.54	24.72 0.19 -2.08	27.81 0.54 -1.34	57.73 2.04 -8.20	43.28 1.49 0.00	34.41 0.44 -3.74	38.19 0.31 -9.87	31.37 0.10 -8.77	30.61 -0.11 -8.67	29.49 -0.21 -8.50	32.89 -0.29 -8.50
CASSADAGA_WT_PWR 323784	18.16 -1.70 0.00	15.64 -1.60 0.00	16.51 -1.49 0.00	15.82 -1.43 0.00	13.57 -1.26 0.00	18.13 -1.12 0.00	26.82 -1.62 0.00	24.62 -1.94 0.00	20.80 -1.70 0.00	26.00 -1.85 0.00	18.45 -1.18 0.00	18.56 -0.92 0.00	18.22 -1.24 0.00	19.32 -1.33 0.00	18.48 -1.68 2.29	8.40 -2.15 15.37	30.27 -3.95 13.26	26.47 -3.41 11.91	18.83 -2.05 9.35	14.24 -2.41 11.36	13.88 -1.81 6.81	17.05 -1.71 3.29	19.53 -1.67 0.00	23.44 -1.24 0.00
CE_DUNWOOD___DRP 24194	20.88 1.02 0.00	18.12 0.88 0.00	18.87 0.87 0.00	18.09 0.84 0.00	15.53 0.71 0.00	20.13 0.88 0.00	29.72 1.28 0.00	27.91 1.35 0.00	23.75 1.24 0.00	29.32 1.47 0.00	20.66 1.02 0.00	20.49 1.01 0.00	20.53 1.07 0.00	21.71 1.06 0.00	23.63 1.18 0.00	27.37 1.45 0.00	49.99 2.51 0.00	44.23 2.45 0.00	31.91 1.67 0.00	29.56 1.55 0.00	23.79 1.30 0.00	23.35 1.30 0.00	22.44 1.24 0.00	25.96 1.28 0.00
CE_MILLWOOD___DRP 24193	20.84 0.98 0.00	18.08 0.83 0.00	18.84 0.84 0.00	18.07 0.82 0.00	15.50 0.68 0.00	20.10 0.85 0.00	29.67 1.24 0.00	27.87 1.31 0.00	23.70 1.20 0.00	29.26 1.41 0.00	20.62 0.98 0.00	20.45 0.97 0.00	20.49 1.03 0.00	21.66 1.02 0.00	23.58 1.13 0.00	27.32 1.40 0.00	49.87 2.39 0.00	44.14 2.36 0.00	31.85 1.61 0.00	29.50 1.49 0.00	23.75 1.25 0.00	23.29 1.24 0.00	22.39 1.19 0.00	25.92 1.24 0.00
CE_NYC2_DRP 24202	21.00 1.14 0.00	18.19 0.95 0.00	18.94 0.94 0.00	18.17 0.92 0.00	15.60 0.77 0.00	20.22 0.96 0.00	29.86 1.43 0.00	28.06 1.50 0.00	23.90 1.39 0.00	29.51 1.65 0.00	20.78 1.14 0.00	20.64 1.15 0.00	20.67 1.21 0.00	21.84 1.19 0.00	23.78 1.33 0.00	27.56 1.64 0.00	50.30 2.83 0.00	44.54 2.75 0.00	32.10 1.87 0.00	29.74 1.73 0.00	23.95 1.46 0.00	23.49 1.44 0.00	22.55 1.35 0.00	26.06 1.38 0.00
CE_NYC_DRP 24195	21.02 1.16 0.00	18.22 0.97 0.00	18.97 0.97 0.00	18.18 0.93 0.00	15.60 0.78 0.00	20.24 0.98 0.00	29.88 1.44 0.00	28.07 1.51 0.00	23.91 1.41 0.00	29.54 1.69 0.00	20.80 1.16 0.00	20.65 1.17 0.00	20.71 1.25 0.00	21.89 1.24 0.00	23.82 1.37 0.00	27.59 1.68 0.00	50.38 2.90 0.00	44.62 2.84 0.00	32.16 1.93 0.00	29.79 1.79 0.00	23.99 1.49 0.00	23.52 1.48 0.00	22.60 1.40 0.00	26.12 1.44 0.00
CHAFFEE___LFGE 323603	18.81 -1.05 0.00	16.32 -0.92 0.00	17.04 -0.96 0.00	16.23 -1.02 0.00	13.92 -0.90 0.00	18.43 -0.83 0.00	27.30 -1.14 0.00	25.11 -1.45 0.00	21.05 -1.46 0.00	26.21 -1.64 0.00	18.59 -1.04 0.00	18.68 -0.81 0.00	18.43 -1.03 0.00	19.62 -1.03 0.00	20.59 -1.29 0.58	15.45 -1.57 8.90	29.90 -3.06 14.52	25.89 -2.84 13.04	18.22 -1.78 10.23	13.90 -1.67 12.44	13.83 -1.21 7.46	17.19 -1.26 3.60	19.95 -1.25 0.00	23.74 -0.94 0.00
CHATEAUG_35_KV_LOAD 355732	19.73 -0.14 0.00	17.00 -0.25 0.00	17.43 -0.56 0.01	8.47 -0.59 8.20	11.07 -0.51 3.25	-0.92 -0.61 19.57	-24.65 -0.77 52.31	-24.48 -0.69 50.35	-24.21 -0.67 46.06	-24.60 -0.84 51.62	-24.05 -0.51 43.18	-23.99 -0.49 42.99	-24.03 -0.52 42.97	-9.08 -0.53 29.20	10.99 -0.51 10.95	16.47 -0.55 8.90	3.38 -0.87 43.23	41.11 -0.67 0.00	9.97 -0.55 19.71	-24.59 -0.57 52.04	-24.16 -0.43 46.23	-24.16 -0.49 45.72	-24.12 -0.50 44.82	-20.61 -0.48 44.81
CHATEAUG_WT_PWR 323614	19.68 -0.18 0.00	16.95 -0.29 0.00	17.39 -0.60 0.01	7.94 -0.65 8.66	11.24 -0.56 3.02	0.37 -0.69 18.19	-21.17 -0.98 48.62	-21.13 -0.89 46.80	-21.09 -0.79 42.81	-21.14 -1.01 47.98	-21.11 -0.61 40.14	-21.08 -0.62 39.95	-21.09 -0.62 39.94	-7.13 -0.64 27.14	11.69 -0.59 10.17	16.87 -0.64 8.41	6.19 -1.11 40.18	40.91 -0.87 0.00	11.22 -0.70 18.32	-21.12 -0.76 48.36	-21.06 -0.59 42.97	-21.08 -0.64 42.49	-21.10 -0.64 41.66	-17.62 -0.65 41.64
CHAT_HIGH_FALL_HYD 323578	19.73 -0.14 0.00	17.00 -0.25 0.00	17.43 -0.56 0.01	8.47 -0.59 8.20	11.07 -0.51 3.25	-0.92 -0.61 19.57	-24.65 -0.77 52.31	-24.48 -0.69 50.35	-24.21 -0.67 46.06	-24.60 -0.84 51.62	-24.05 -0.51 43.18	-23.99 -0.49 42.99	-24.03 -0.52 42.97	-9.08 -0.53 29.20	10.99 -0.51 10.95	16.47 -0.55 8.90	3.38 -0.87 43.23	41.11 -0.67 0.00	9.97 -0.55 19.71	-24.59 -0.57 52.04	-24.16 -0.43 46.23	-24.16 -0.49 45.72	-24.12 -0.50 44.82	-20.61 -0.48 44.81
CHAUTAUQUA___LFGE 323629	18.39 -1.47 0.00	15.93 -1.32 0.00	16.68 -1.32 0.00	15.92 -1.33 0.00	13.67 -1.16 0.00	18.16 -1.10 0.00	26.89 -1.54 0.00	24.69 -1.87 0.00	20.73 -1.78 0.00	25.87 -1.98 0.00	18.37 -1.27 0.00	18.46 -1.03 0.00	18.16 -1.29 0.00	19.33 -1.32 0.00	19.55 -1.65 1.25	11.37 -2.06 12.49	27.22 -3.92 16.35	23.56 -3.54 14.68	16.46 -2.25 11.52	11.70 -2.31 14.00	12.38 -1.72 8.40	16.28 -1.71 4.05	19.53 -1.67 0.00	23.35 -1.33 0.00
CHERRYST_13_KV_LD 356241	21.07 1.21 0.00	18.26 1.02 0.00	19.01 1.02 0.00	18.22 0.97 0.00	15.64 0.81 0.00	20.29 1.03 0.00	29.95 1.52 0.00	28.15 1.59 0.00	23.98 1.47 0.00	29.62 1.77 0.00	20.87 1.23 0.00	20.72 1.23 0.00	20.77 1.31 0.00	21.95 1.30 0.00	23.89 1.44 0.00	27.69 1.77 0.00	50.55 3.08 0.00	44.75 2.97 0.00	32.25 2.02 0.00	29.87 1.87 0.00	24.05 1.55 0.00	23.59 1.54 0.00	22.65 1.45 0.00	26.18 1.51 0.00

CHESTROR_138KV_BK263 355645	20.70 0.84 0.00	17.97 0.72 0.00	18.73 0.73 0.00	17.95 0.70 0.00	15.41 0.59 0.00	19.98 0.73 0.00	29.50 1.07 0.00	27.69 1.13 0.00	23.52 1.01 0.00	29.01 1.16 0.00	20.43 0.80 0.00	20.28 0.79 0.00	20.30 0.84 0.00	21.48 0.83 0.00	23.38 0.93 0.00	27.08 1.16 0.00	49.52 2.04 0.00	43.80 2.02 0.00	31.61 1.38 0.00	29.29 1.29 0.00	23.56 1.06 0.00	23.12 1.07 0.00	22.22 1.02 0.00	25.74 1.06 0.00
CH_MIDHUDSON___DRP 24192	20.81 0.95 0.00	18.07 0.82 0.00	18.84 0.84 0.00	18.07 0.82 0.00	15.51 0.69 0.00	20.09 0.84 0.00	29.65 1.22 0.00	27.83 1.27 0.00	23.66 1.15 0.00	29.20 1.35 0.00	20.56 0.93 0.00	20.41 0.92 0.00	20.43 0.97 0.00	21.62 0.97 0.00	23.55 1.10 0.00	27.28 1.36 0.00	49.83 2.36 0.00	44.08 2.30 0.00	31.82 1.58 0.00	29.47 1.47 0.00	23.70 1.21 0.00	23.23 1.18 0.00	22.33 1.13 0.00	25.85 1.18 0.00
CH_MISC_IPPS 23765	20.92 1.06 0.00	18.15 0.91 0.00	18.92 0.92 0.00	18.14 0.90 0.00	15.58 0.76 0.00	20.19 0.94 0.00	29.82 1.39 0.00	27.99 1.44 0.00	23.78 1.28 0.00	29.35 1.50 0.00	20.67 1.04 0.00	20.52 1.04 0.00	20.54 1.08 0.00	21.75 1.10 0.00	23.69 1.23 0.00	27.44 1.52 0.00	50.16 2.68 0.00	44.38 2.60 0.00	32.03 1.80 0.00	29.67 1.66 0.00	23.86 1.36 0.00	23.38 1.34 0.00	22.46 1.26 0.00	26.00 1.32 0.00
CH_RES_BVR_FALLS 23983	19.43 -0.43 0.00	16.88 -0.36 0.00	17.55 -0.45 0.00	3.35 -0.42 13.47	14.36 -0.36 0.11	18.16 -0.44 0.65	26.05 -0.63 1.75	24.30 -0.57 1.68	20.48 -0.49 1.54	25.56 -0.57 1.73	17.83 -0.36 1.44	17.70 -0.35 1.44	17.66 -0.36 1.44	19.30 -0.37 0.98	21.63 -0.45 0.37	23.44 -0.39 2.09	45.63 -0.40 1.45	41.28 -0.50 0.00	28.96 -0.61 0.66	25.67 -0.60 1.74	20.46 -0.49 1.55	20.05 -0.46 1.53	19.26 -0.44 1.50	22.70 -0.48 1.50
CH_RES_NIAGARA 23895	18.13 -1.73 0.00	15.77 -1.48 0.00	16.44 -1.56 0.00	15.65 -1.60 0.00	13.46 -1.37 0.00	17.74 -1.51 0.00	26.26 -2.17 0.00	23.95 -2.60 0.00	19.97 -2.54 0.00	24.87 -2.99 0.00	17.63 -2.01 0.00	17.69 -1.80 0.00	17.45 -2.01 0.00	18.60 -2.04 0.00	19.50 -2.41 0.54	14.49 -3.01 8.42	27.89 -5.86 13.73	24.03 -5.42 12.33	16.95 -3.60 9.68	12.78 -3.46 11.76	12.97 -2.47 7.06	16.18 -2.46 3.41	18.91 -2.29 0.00	22.63 -2.05 0.00
CH_RES_SYRACUSE 23985	19.60 -0.26 0.00	17.01 -0.23 0.00	17.77 -0.23 0.00	17.01 -0.24 0.00	14.62 -0.20 0.00	19.05 -0.21 0.00	28.15 -0.28 0.00	26.29 -0.26 0.00	22.30 -0.21 0.00	27.64 -0.21 0.00	19.51 -0.12 0.00	19.41 -0.07 0.00	19.35 -0.11 0.00	20.52 -0.13 0.00	22.30 -0.15 0.00	25.72 -0.20 0.00	47.18 -0.30 0.00	41.50 -0.29 0.00	30.05 -0.19 0.00	27.81 -0.20 0.00	22.28 -0.21 0.00	21.82 -0.22 0.00	20.94 -0.26 0.00	24.39 -0.29 0.00
CLINTON_WT_PWR 323605	19.68 -0.18 0.00	16.95 -0.29 0.00	17.39 -0.60 0.01	7.94 -0.65 8.66	11.24 -0.56 3.02	0.37 -0.69 18.19	-21.17 -0.98 48.62	-21.13 -0.89 46.80	-21.09 -0.79 42.81	-21.14 -1.01 47.98	-21.11 -0.61 40.14	-21.08 -0.62 39.95	-21.09 -0.62 39.94	-7.13 -0.64 27.14	11.69 -0.59 10.17	16.87 -0.64 8.41	6.19 -1.11 40.18	40.91 -0.87 0.00	11.22 -0.70 18.32	-21.12 -0.76 48.36	-21.06 -0.59 42.97	-21.08 -0.64 42.49	-21.10 -0.64 41.66	-17.62 -0.65 41.64
CLINTON___LFGE 323618	19.92 0.06 0.00	17.15 -0.09 0.00	17.58 -0.41 0.01	8.25 -0.46 8.54	11.36 -0.39 3.08	0.28 -0.43 18.55	-21.69 -0.54 49.58	-21.66 -0.49 47.73	-21.60 -0.46 43.66	-21.69 -0.62 48.93	-21.66 -0.36 40.93	-21.59 -0.33 40.75	-21.59 -0.32 40.73	-7.39 -0.36 27.68	11.78 -0.29 10.38	17.07 -0.32 8.54	6.05 -0.45 40.98	41.49 -0.29 0.00	11.30 -0.25 18.68	-21.63 -0.32 49.32	-21.60 -0.28 43.82	-21.62 -0.34 43.33	-21.63 -0.35 42.48	-18.10 -0.31 42.47
COBBLENY_34_KV_TB1 80064	18.82 -1.05 0.00	16.32 -0.92 0.00	17.03 -0.97 0.00	16.23 -1.02 0.00	13.94 -0.88 0.00	18.43 -0.83 0.00	27.31 -1.13 0.00	25.12 -1.44 0.00	21.05 -1.46 0.00	26.21 -1.64 0.00	18.59 -1.04 0.00	18.68 -0.80 0.00	18.43 -1.03 0.00	19.62 -1.03 0.00	20.59 -1.29 0.58	15.40 -1.62 8.90	29.85 -3.11 14.52	25.85 -2.89 13.04	18.20 -1.79 10.23	13.85 -1.72 12.44	13.80 -1.24 7.46	17.20 -1.25 3.60	19.97 -1.23 0.00	23.74 -0.94 0.00
COFFEEN___115KV_TB3 355620	19.61 -0.25 0.00	16.93 -0.32 0.00	17.56 -0.44 0.00	15.98 -0.47 0.79	14.96 -0.38 -0.51	21.98 -0.36 -3.09	36.26 -0.42 -8.25	34.24 -0.26 -7.94	29.55 -0.23 -7.27	35.67 -0.32 -8.14	26.44 -0.01 -6.81	26.25 -0.02 -6.78	26.25 0.01 -6.78	25.30 0.04 -4.61	24.35 0.17 -1.73	27.53 0.49 -1.12	56.25 1.95 -6.82	43.22 1.44 0.00	33.76 0.42 -3.11	36.53 0.32 -8.21	29.91 0.12 -7.29	29.15 -0.10 -7.21	28.04 -0.23 -7.07	31.43 -0.32 -7.07
COLDSPRG_115KV_BK1 355956	19.10 -0.76 0.00	16.52 -0.73 0.00	17.32 -0.68 0.00	16.55 -0.70 0.00	14.21 -0.61 0.00	18.83 -0.42 0.00	27.85 -0.58 0.00	25.75 -0.80 0.00	21.74 -0.77 0.00	27.11 -0.75 0.00	19.26 -0.37 0.00	19.39 -0.09 0.00	19.11 -0.35 0.00	20.31 -0.34 0.00	22.42 -0.57 -0.53	23.45 -0.88 1.59	37.45 -1.65 8.38	32.78 -1.48 7.53	23.53 -0.79 5.91	19.88 -0.94 7.18	17.54 -0.65 4.31	19.38 -0.60 2.08	20.55 -0.65 0.00	24.47 -0.21 0.00
COLONIE_LFGE___ 323577	20.67 0.81 0.00	17.96 0.72 0.00	18.78 0.77 0.00	18.00 0.75 0.00	15.46 0.64 0.00	20.05 0.79 0.00	29.59 1.15 0.00	27.57 1.01 0.00	23.43 0.92 0.00	28.95 1.10 0.00	20.29 0.65 0.00	20.02 0.54 0.00	20.03 0.57 0.00	21.33 0.69 0.00	23.29 0.84 0.00	26.95 1.03 0.00	49.22 1.75 0.00	43.38 1.59 0.00	31.42 1.18 0.00	29.06 1.05 0.00	23.31 0.81 0.00	22.80 0.76 0.00	21.97 0.77 0.00	25.57 0.89 0.00
COOPERNY_115KV_TB1 80082	20.46 0.60 0.00	17.76 0.51 0.00	18.53 0.53 0.00	17.76 0.51 0.00	15.25 0.43 0.00	19.78 0.53 0.00	29.20 0.77 0.00	27.37 0.82 0.00	23.24 0.73 0.00	28.70 0.85 0.00	20.22 0.58 0.00	20.07 0.58 0.00	20.07 0.61 0.00	21.25 0.60 0.00	23.13 0.67 0.00	26.76 0.84 0.00	48.93 1.45 0.00	43.23 1.45 0.00	31.23 1.00 0.00	28.93 0.93 0.00	23.26 0.77 0.00	22.83 0.78 0.00	21.94 0.74 0.00	25.44 0.77 0.00
COPENHAGEN_WT_PWR 323753	19.24 -0.62 0.00	16.60 -0.65 0.00	17.21 -0.79 0.00	15.69 -0.81 0.75	14.63 -0.67 -0.48	21.41 -0.76 -2.92	35.20 -1.04 -7.80	33.21 -0.86 -7.51	28.67 -0.71 -6.87	34.64 -0.92 -7.70	25.63 -0.45 -6.44	25.46 -0.44 -6.41	25.47 -0.40 -6.41	24.63 -0.38 -4.36	23.75 -0.34 -1.63	26.89 -0.09 -1.06	54.87 0.94 -6.45	42.22 0.43 0.00	32.82 -0.35 -2.94	35.38 -0.39 -7.76	28.98 -0.41 -6.90	28.24 -0.63 -6.82	27.18 -0.71 -6.69	30.51 -0.85 -6.69
CORNELL_____ 23752	19.93 0.06 0.00	17.26 0.02 0.00	18.05 0.06 0.00	17.27 0.02 0.00	14.84 0.02 0.00	19.40 0.14 0.00	28.72 0.28 0.00	26.87 0.32 0.00	22.80 0.29 0.00	28.28 0.43 0.00	19.96 0.32 0.00	19.87 0.38 0.00	19.78 0.32 0.00	20.99 0.34 0.00	23.04 0.35 -0.23	29.86 0.38 -3.56	54.14 0.87 -5.80	47.78 0.78 -5.21	34.93 0.61 -4.09	33.49 0.52 -4.97	25.81 0.33 -2.98	23.78 0.30 -1.44	21.32 0.12 0.00	24.82 0.14 0.00

CORONA_69_KV_TB1 355595	21.22 1.35 0.00	18.38 1.13 0.00	19.01 1.01 0.00	18.25 1.00 0.00	15.70 0.88 0.00	20.33 1.08 0.00	29.76 1.33 0.00	27.76 1.21 0.00	24.03 1.52 0.00	29.75 1.90 0.00	20.94 1.30 0.00	20.71 1.22 0.00	20.85 1.39 0.00	22.10 1.45 0.00	24.80 1.68 -0.66	31.32 2.04 -3.36	50.59 3.11 0.00	44.56 2.77 0.00	32.11 1.88 0.00	29.87 1.86 0.00	24.11 1.61 0.00	23.61 1.57 0.00	22.73 1.52 0.00	26.27 1.59 0.00
CORTLAND_115KV_TB3 80093	19.84 -0.02 0.00	17.21 -0.04 0.00	17.98 -0.02 0.00	17.21 -0.04 0.00	14.79 -0.03 0.00	19.31 0.05 0.00	28.56 0.12 0.00	26.73 0.17 0.00	22.64 0.13 0.00	28.05 0.20 0.00	19.79 0.16 0.00	19.70 0.22 0.00	19.63 0.17 0.00	20.83 0.18 0.00	22.65 0.20 0.00	26.12 0.20 0.00	47.96 0.48 0.00	42.16 0.38 0.00	30.55 0.32 0.00	28.27 0.27 0.00	22.63 0.14 0.00	22.17 0.13 0.00	21.23 0.03 0.00	24.71 0.03 0.00
COXSACKIE___GT 23611	21.32 1.46 0.00	18.51 1.26 0.00	19.37 1.37 0.00	18.57 1.32 0.00	15.96 1.14 0.00	20.73 1.48 0.00	30.70 2.27 0.00	28.67 2.12 0.00	24.08 1.57 0.00	29.51 1.65 0.00	20.72 1.08 0.00	20.51 1.02 0.00	20.65 1.20 0.00	21.98 1.34 0.00	24.06 1.60 0.00	27.85 1.93 0.00	51.15 3.67 0.00	45.10 3.32 0.00	32.64 2.40 0.00	30.08 2.07 0.00	24.05 1.55 0.00	23.47 1.42 0.00	22.51 1.31 0.00	26.18 1.50 0.00
CPV_VALLEY___CC1 323721	20.58 0.72 0.00	17.87 0.62 0.00	18.63 0.63 0.00	17.86 0.61 0.00	15.33 0.51 0.00	19.87 0.62 0.00	29.33 0.90 0.00	27.52 0.97 0.00	23.37 0.87 0.00	28.86 1.00 0.00	20.34 0.70 0.00	20.19 0.70 0.00	20.20 0.74 0.00	21.37 0.72 0.00	23.25 0.80 0.00	26.92 1.00 0.00	49.20 1.72 0.00	43.50 1.72 0.00	31.41 1.18 0.00	29.10 1.09 0.00	23.41 0.91 0.00	22.97 0.92 0.00	22.09 0.88 0.00	25.59 0.91 0.00
CPV_VALLEY___CC2 323722	20.58 0.72 0.00	17.87 0.62 0.00	18.63 0.63 0.00	17.86 0.61 0.00	15.33 0.51 0.00	19.87 0.62 0.00	29.33 0.90 0.00	27.52 0.97 0.00	23.37 0.87 0.00	28.86 1.00 0.00	20.34 0.70 0.00	20.19 0.70 0.00	20.20 0.74 0.00	21.37 0.72 0.00	23.25 0.80 0.00	26.92 1.00 0.00	49.20 1.72 0.00	43.50 1.72 0.00	31.41 1.18 0.00	29.10 1.09 0.00	23.41 0.91 0.00	22.97 0.92 0.00	22.09 0.88 0.00	25.59 0.91 0.00
CRESCENT___HYD 24018	20.67 0.81 0.00	17.96 0.72 0.00	18.78 0.77 0.00	18.00 0.75 0.00	15.46 0.64 0.00	20.05 0.79 0.00	29.59 1.15 0.00	27.57 1.01 0.00	23.43 0.92 0.00	28.95 1.10 0.00	20.29 0.65 0.00	20.02 0.54 0.00	20.03 0.57 0.00	21.33 0.69 0.00	23.29 0.84 0.00	26.95 1.03 0.00	49.22 1.75 0.00	43.38 1.59 0.00	31.42 1.18 0.00	29.06 1.05 0.00	23.31 0.81 0.00	22.80 0.76 0.00	21.97 0.77 0.00	25.57 0.89 0.00
CRICKET___VALLEY_CC1 323756	20.65 0.79 0.00	17.95 0.71 0.00	18.72 0.72 0.00	17.95 0.70 0.00	15.41 0.59 0.00	19.93 0.68 0.00	29.38 0.95 0.00	27.56 1.01 0.00	23.45 0.94 0.00	28.96 1.10 0.00	20.41 0.77 0.00	20.24 0.76 0.00	20.27 0.81 0.00	21.44 0.79 0.00	23.33 0.88 0.00	27.02 1.10 0.00	49.35 1.87 0.00	43.63 1.85 0.00	31.49 1.26 0.00	29.17 1.17 0.00	23.48 0.98 0.00	23.02 0.97 0.00	22.13 0.93 0.00	25.63 0.95 0.00
CRICKET___VALLEY_CC2 323757	20.65 0.79 0.00	17.95 0.71 0.00	18.72 0.72 0.00	17.95 0.70 0.00	15.41 0.59 0.00	19.93 0.68 0.00	29.38 0.95 0.00	27.56 1.01 0.00	23.45 0.94 0.00	28.96 1.10 0.00	20.41 0.77 0.00	20.24 0.76 0.00	20.27 0.81 0.00	21.44 0.79 0.00	23.33 0.88 0.00	27.02 1.10 0.00	49.35 1.87 0.00	43.63 1.85 0.00	31.49 1.26 0.00	29.17 1.17 0.00	23.48 0.98 0.00	23.02 0.97 0.00	22.13 0.93 0.00	25.63 0.95 0.00
CRICKET___VALLEY_CC3 323758	20.65 0.79 0.00	17.95 0.71 0.00	18.72 0.72 0.00	17.95 0.70 0.00	15.41 0.59 0.00	19.93 0.68 0.00	29.38 0.95 0.00	27.56 1.01 0.00	23.45 0.94 0.00	28.96 1.10 0.00	20.41 0.77 0.00	20.24 0.76 0.00	20.27 0.81 0.00	21.44 0.79 0.00	23.33 0.88 0.00	27.02 1.10 0.00	49.35 1.87 0.00	43.63 1.85 0.00	31.49 1.26 0.00	29.17 1.17 0.00	23.48 0.98 0.00	23.02 0.97 0.00	22.13 0.93 0.00	25.63 0.95 0.00
CRUCIBLE_METL_DRP 24180	19.60 -0.26 0.00	17.01 -0.23 0.00	17.77 -0.23 0.00	17.01 -0.24 0.00	14.62 -0.20 0.00	19.05 -0.21 0.00	28.15 -0.28 0.00	26.29 -0.26 0.00	22.30 -0.21 0.00	27.64 -0.21 0.00	19.51 -0.12 0.00	19.41 -0.07 0.00	19.35 -0.11 0.00	20.52 -0.13 0.00	22.30 -0.15 0.00	25.72 -0.20 0.00	47.16 -0.32 0.00	41.49 -0.29 0.00	30.05 -0.19 0.00	27.81 -0.20 0.00	22.29 -0.21 0.00	21.82 -0.22 0.00	20.94 -0.26 0.00	24.39 -0.29 0.00
DAHOWA___HYDRO 323763	20.84 0.98 0.00	18.11 0.86 0.00	18.91 0.91 0.00	18.14 0.89 0.00	15.60 0.77 0.00	20.29 1.04 0.00	29.99 1.56 0.00	27.95 1.39 0.00	23.71 1.21 0.00	29.43 1.58 0.00	20.56 0.92 0.00	20.24 0.75 0.00	20.23 0.77 0.00	21.60 0.96 0.00	23.60 1.15 0.00	27.32 1.40 0.00	50.06 2.58 0.00	44.09 2.31 0.00	31.95 1.72 0.00	29.54 1.53 0.00	23.61 1.12 0.00	23.07 1.03 0.00	22.25 1.05 0.00	25.89 1.22 0.00
DANC___LFGE 323619	19.31 -0.56 0.00	16.69 -0.55 0.00	17.36 -0.65 0.00	16.11 -0.65 0.49	14.60 -0.56 -0.33	20.62 -0.64 -2.00	32.89 -0.90 -5.35	30.94 -0.77 -5.16	26.59 -0.64 -4.71	32.34 -0.80 -5.28	23.64 -0.42 -4.42	23.49 -0.40 -4.40	23.47 -0.39 -4.40	23.26 -0.38 -2.99	23.21 -0.36 -1.12	26.40 -0.25 -0.73	52.10 0.20 -4.43	41.70 -0.08 0.00	31.79 -0.46 -2.02	32.86 -0.48 -5.33	26.79 -0.44 -4.73	26.15 -0.58 -4.68	25.17 -0.62 -4.59	28.53 -0.73 -4.59
DANSKAMMER___1 23586	20.92 1.06 0.00	18.15 0.91 0.00	18.92 0.92 0.00	18.14 0.90 0.00	15.58 0.76 0.00	20.19 0.94 0.00	29.82 1.39 0.00	27.99 1.44 0.00	23.78 1.28 0.00	29.35 1.50 0.00	20.67 1.04 0.00	20.52 1.04 0.00	20.54 1.08 0.00	21.75 1.10 0.00	23.69 1.23 0.00	27.44 1.52 0.00	50.16 2.68 0.00	44.38 2.60 0.00	32.03 1.80 0.00	29.67 1.66 0.00	23.86 1.36 0.00	23.38 1.34 0.00	22.46 1.26 0.00	26.00 1.32 0.00
DANSKAMMER___2 23589	20.92 1.06 0.00	18.15 0.91 0.00	18.92 0.92 0.00	18.14 0.90 0.00	15.58 0.76 0.00	20.19 0.94 0.00	29.82 1.39 0.00	27.99 1.44 0.00	23.78 1.28 0.00	29.35 1.50 0.00	20.67 1.04 0.00	20.52 1.04 0.00	20.54 1.08 0.00	21.75 1.10 0.00	23.69 1.23 0.00	27.44 1.52 0.00	50.16 2.68 0.00	44.38 2.60 0.00	32.03 1.80 0.00	29.67 1.66 0.00	23.86 1.36 0.00	23.38 1.34 0.00	22.46 1.26 0.00	26.00 1.32 0.00
DANSKAMMER___3 23590	20.92 1.06 0.00	18.15 0.91 0.00	18.92 0.92 0.00	18.14 0.90 0.00	15.58 0.76 0.00	20.19 0.94 0.00	29.82 1.39 0.00	27.99 1.44 0.00	23.78 1.28 0.00	29.35 1.50 0.00	20.67 1.04 0.00	20.52 1.04 0.00	20.54 1.08 0.00	21.75 1.10 0.00	23.69 1.23 0.00	27.44 1.52 0.00	50.16 2.68 0.00	44.38 2.60 0.00	32.03 1.80 0.00	29.67 1.66 0.00	23.86 1.36 0.00	23.38 1.34 0.00	22.46 1.26 0.00	26.00 1.32 0.00

DANSKAMMER___4 23591	20.92 1.06 0.00	18.15 0.91 0.00	18.92 0.92 0.00	18.14 0.90 0.00	15.58 0.76 0.00	20.19 0.94 0.00	29.82 1.39 0.00	27.99 1.44 0.00	23.78 1.28 0.00	29.35 1.50 0.00	20.67 1.04 0.00	20.52 1.04 0.00	20.54 1.08 0.00	21.75 1.10 0.00	23.69 1.23 0.00	27.44 1.52 0.00	50.16 2.68 0.00	44.38 2.60 0.00	32.03 1.80 0.00	29.67 1.66 0.00	23.86 1.36 0.00	23.38 1.34 0.00	22.46 1.26 0.00	26.00 1.32 0.00
DANSKAMMER___DIESEL 23592	20.91 1.05 0.00	18.15 0.91 0.00	18.92 0.92 0.00	18.15 0.90 0.00	15.58 0.75 0.00	20.20 0.94 0.00	29.82 1.39 0.00	27.99 1.43 0.00	23.78 1.28 0.00	29.35 1.50 0.00	20.68 1.04 0.00	20.52 1.04 0.00	20.54 1.08 0.00	21.75 1.10 0.00	23.69 1.23 0.00	27.45 1.52 0.00	50.16 2.68 0.00	44.38 2.60 0.00	32.03 1.80 0.00	29.67 1.66 0.00	23.86 1.36 0.00	23.38 1.34 0.00	22.46 1.26 0.00	26.00 1.32 0.00
DARBY___SOLAR 323810	20.78 0.92 0.00	18.04 0.80 0.00	18.85 0.85 0.00	18.08 0.83 0.00	15.55 0.73 0.00	20.21 0.95 0.00	29.87 1.43 0.00	27.83 1.28 0.00	23.60 1.10 0.00	29.29 1.43 0.00	20.48 0.84 0.00	20.17 0.68 0.00	20.16 0.70 0.00	21.51 0.87 0.00	23.50 1.05 0.00	27.21 1.29 0.00	49.82 2.34 0.00	43.88 2.10 0.00	31.80 1.56 0.00	29.40 1.40 0.00	23.52 1.02 0.00	22.99 0.94 0.00	22.17 0.97 0.00	25.80 1.13 0.00
DASHVILLE___HYD 23610	20.46 0.60 0.00	17.78 0.53 0.00	18.56 0.56 0.00	17.80 0.55 0.00	15.28 0.46 0.00	19.77 0.51 0.00	29.15 0.72 0.00	27.40 0.84 0.00	23.32 0.81 0.00	28.77 0.92 0.00	20.26 0.62 0.00	20.11 0.62 0.00	20.13 0.67 0.00	21.30 0.65 0.00	23.21 0.76 0.00	26.87 0.95 0.00	49.09 1.61 0.00	43.40 1.62 0.00	31.33 1.10 0.00	29.04 1.04 0.00	23.36 0.86 0.00	22.90 0.85 0.00	22.00 0.80 0.00	25.48 0.81 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	21.10 1.24 0.00	18.22 0.98 0.00	18.70 0.70 0.00	18.06 0.81 0.00	15.48 0.66 0.00	20.06 0.80 0.00	29.16 0.72 0.00	26.96 0.41 0.00	23.81 1.30 0.00	29.45 1.60 0.00	20.50 0.86 0.00	20.15 0.66 0.00	20.53 1.07 0.00	21.91 1.26 0.00	24.65 1.54 -0.66	31.23 1.96 -3.36	50.18 2.70 0.00	44.16 2.37 0.00	31.97 1.73 0.00	29.92 1.92 0.00	24.38 1.88 0.00	23.78 1.74 0.00	22.70 1.50 0.00	26.19 1.52 0.00
DELAWARE___LFGE 323621	20.28 0.42 0.00	17.59 0.35 0.00	18.41 0.41 0.00	17.63 0.38 0.00	15.14 0.32 0.00	19.65 0.39 0.00	29.05 0.62 0.00	27.20 0.64 0.00	23.06 0.55 0.00	28.54 0.68 0.00	20.13 0.49 0.00	19.98 0.50 0.00	19.96 0.50 0.00	21.16 0.52 0.00	23.02 0.57 0.00	26.59 0.67 0.00	48.62 1.14 0.00	42.87 1.09 0.00	31.01 0.78 0.00	28.69 0.69 0.00	23.06 0.56 0.00	22.61 0.56 0.00	21.68 0.48 0.00	25.18 0.50 0.00
DERFIELD_115KV_TB7 355931	19.92 0.06 0.00	17.31 0.07 0.00	18.07 0.07 0.00	17.84 0.08 -0.51	14.88 0.06 0.00	19.32 0.06 0.00	28.52 0.09 0.00	26.65 0.09 0.00	22.60 0.09 0.00	27.96 0.11 0.00	19.70 0.06 0.00	19.53 0.04 0.00	19.52 0.06 0.00	20.71 0.06 0.00	22.54 0.08 0.00	26.12 0.13 -0.07	47.68 0.20 0.00	41.96 0.18 0.00	30.35 0.11 0.00	28.09 0.09 0.00	22.56 0.07 0.00	22.11 0.06 0.00	21.26 0.06 0.00	24.73 0.05 0.00
DOGLEVILLE___HYD 23807	20.27 0.41 0.00	17.61 0.36 0.00	18.40 0.40 0.00	18.14 0.38 -0.51	15.14 0.32 0.00	19.64 0.39 0.00	28.95 0.51 0.00	27.01 0.45 0.00	22.88 0.37 0.00	28.44 0.58 0.00	19.76 0.13 0.00	19.44 -0.05 0.00	19.49 0.03 0.00	20.77 0.12 0.00	22.78 0.33 0.00	26.59 0.60 -0.07	48.34 0.86 0.00	42.70 0.91 0.00	30.90 0.66 0.00	28.42 0.42 0.00	22.73 0.23 0.00	22.26 0.22 0.00	21.41 0.21 0.00	24.79 0.11 0.00
DUNKIRK___115KV_TB_200 55889	18.43 -1.43 0.00	15.96 -1.29 0.00	16.71 -1.30 0.00	15.94 -1.31 0.00	13.71 -1.12 0.00	18.17 -1.08 0.00	26.92 -1.51 0.00	24.70 -1.85 0.00	20.74 -1.77 0.00	25.87 -1.98 0.00	18.36 -1.28 0.00	18.45 -1.03 0.00	18.17 -1.29 0.00	19.34 -1.30 0.00	19.66 -1.64 1.15	11.62 -2.09 12.22	26.90 -3.93 16.64	23.25 -3.59 14.95	16.22 -2.27 11.73	11.41 -2.34 14.26	12.22 -1.73 8.55	16.22 -1.70 4.12	19.56 -1.64 0.00	23.35 -1.33 0.00
DUNKIRK___1 23563	18.43 -1.43 0.00	15.96 -1.29 0.00	16.71 -1.30 0.00	15.94 -1.31 0.00	13.71 -1.12 0.00	18.17 -1.08 0.00	26.92 -1.51 0.00	24.70 -1.85 0.00	20.74 -1.77 0.00	25.87 -1.98 0.00	18.36 -1.28 0.00	18.45 -1.03 0.00	18.17 -1.29 0.00	19.34 -1.30 0.00	19.66 -1.64 1.15	11.62 -2.09 12.22	26.90 -3.93 16.64	23.25 -3.59 14.95	16.22 -2.27 11.73	11.41 -2.34 14.26	12.22 -1.73 8.55	16.22 -1.70 4.12	19.56 -1.64 0.00	23.35 -1.33 0.00
DUNKIRK___2 23564	18.43 -1.43 0.00	15.96 -1.29 0.00	16.71 -1.30 0.00	15.94 -1.31 0.00	13.71 -1.12 0.00	18.17 -1.08 0.00	26.92 -1.51 0.00	24.70 -1.85 0.00	20.74 -1.77 0.00	25.87 -1.98 0.00	18.36 -1.28 0.00	18.45 -1.03 0.00	18.17 -1.29 0.00	19.34 -1.30 0.00	19.66 -1.64 1.15	11.62 -2.09 12.22	26.90 -3.93 16.64	23.25 -3.59 14.95	16.22 -2.27 11.73	11.41 -2.34 14.26	12.22 -1.73 8.55	16.22 -1.70 4.12	19.56 -1.64 0.00	23.35 -1.33 0.00
DUNKIRK___3 23565	18.48 -1.38 0.00	16.01 -1.23 0.00	16.75 -1.25 0.00	15.97 -1.28 0.00	13.73 -1.09 0.00	18.19 -1.07 0.00	26.94 -1.50 0.00	24.73 -1.82 0.00	20.76 -1.75 0.00	25.89 -1.97 0.00	18.38 -1.26 0.00	18.47 -1.02 0.00	18.19 -1.27 0.00	19.37 -1.28 0.00	19.84 -1.60 1.01	11.45 -2.02 12.45	25.18 -3.86 18.44	21.69 -3.53 16.56	14.98 -2.26 13.00	9.94 -2.27 15.79	11.35 -1.67 9.48	15.82 -1.65 4.57	19.60 -1.60 0.00	23.40 -1.28 0.00
DUNKIRK___4 23566	18.48 -1.38 0.00	16.01 -1.23 0.00	16.75 -1.25 0.00	15.97 -1.28 0.00	13.73 -1.09 0.00	18.19 -1.07 0.00	26.94 -1.50 0.00	24.73 -1.82 0.00	20.76 -1.75 0.00	25.89 -1.97 0.00	18.38 -1.26 0.00	18.47 -1.02 0.00	18.19 -1.27 0.00	19.37 -1.28 0.00	19.84 -1.60 1.01	11.45 -2.02 12.45	25.18 -3.86 18.44	21.69 -3.53 16.56	14.98 -2.26 13.00	9.94 -2.27 15.79	11.35 -1.67 9.48	15.82 -1.65 4.57	19.60 -1.60 0.00	23.40 -1.28 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.93 1.07 0.00	18.15 0.90 0.00	18.90 0.90 0.00	18.11 0.86 0.00	15.54 0.72 0.00	20.15 0.89 0.00	29.75 1.32 0.00	27.95 1.40 0.00	23.81 1.30 0.00	29.40 1.55 0.00	20.70 1.07 0.00	20.54 1.06 0.00	20.58 1.12 0.00	21.76 1.11 0.00	23.69 1.23 0.00	27.45 1.52 0.00	50.10 2.62 0.00	44.34 2.56 0.00	31.98 1.75 0.00	29.64 1.63 0.00	23.85 1.36 0.00	23.40 1.36 0.00	22.49 1.29 0.00	26.01 1.33 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.80 0.93 0.00	18.04 0.80 0.00	18.81 0.81 0.00	18.04 0.79 0.00	15.48 0.66 0.00	20.07 0.82 0.00	29.64 1.21 0.00	27.82 1.27 0.00	23.64 1.13 0.00	29.17 1.31 0.00	20.54 0.90 0.00	20.38 0.90 0.00	20.40 0.94 0.00	21.59 0.94 0.00	23.51 1.06 0.00	27.24 1.31 0.00	49.80 2.32 0.00	44.05 2.27 0.00	31.80 1.57 0.00	29.46 1.46 0.00	23.69 1.20 0.00	23.24 1.19 0.00	22.33 1.13 0.00	25.86 1.18 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.16 0.92 0.00	15.59 0.77 0.00	20.21 0.95 0.00	29.85 1.42 0.00	27.99 1.44 0.00	23.85 1.35 0.00	29.44 1.58 0.00	20.74 1.10 0.00	20.56 1.07 0.00	20.59 1.13 0.00	21.75 1.10 0.00	23.70 1.25 0.00	27.47 1.55 0.00	50.19 2.72 0.00	44.41 2.63 0.00	32.01 1.78 0.00	29.67 1.67 0.00	23.90 1.40 0.00	23.43 1.38 0.00	22.50 1.30 0.00	26.00 1.33 0.00
E179THST_13_KV_LOAD 356214	21.06 1.20 0.00	18.24 1.00 0.00	18.99 0.99 0.00	18.23 0.98 0.00	15.64 0.82 0.00	20.28 1.02 0.00	29.97 1.53 0.00	28.11 1.56 0.00	23.95 1.45 0.00	29.56 1.71 0.00	20.82 1.18 0.00	20.65 1.16 0.00	20.69 1.23 0.00	21.84 1.20 0.00	23.81 1.36 0.00	27.59 1.67 0.00	50.42 2.95 0.00	44.62 2.84 0.00	32.17 1.93 0.00	29.81 1.81 0.00	24.01 1.51 0.00	23.53 1.48 0.00	22.59 1.39 0.00	26.11 1.44 0.00
EAST HAMPTON___GT 23717	20.73 0.86 0.00	17.89 0.64 0.00	18.34 0.34 0.00	17.72 0.47 0.00	15.20 0.37 0.00	19.68 0.43 0.00	28.63 0.20 0.00	26.49 -0.07 0.00	23.43 0.92 0.00	28.96 1.10 0.00	20.15 0.51 0.00	19.78 0.30 0.00	20.16 0.70 0.00	21.53 0.89 0.00	24.25 1.14 -0.66	30.77 1.49 -3.36	49.40 1.92 0.00	43.66 1.88 0.00	31.71 1.48 0.00	29.66 1.65 0.00	24.29 1.79 0.00	23.70 1.65 0.00	22.42 1.22 0.00	25.85 1.17 0.00
EAST RIVER___6 23660	21.06 1.20 0.00	18.25 1.00 0.00	19.01 1.01 0.00	18.20 0.95 0.00	15.61 0.79 0.00	20.26 1.00 0.00	29.92 1.49 0.00	28.10 1.55 0.00	23.95 1.44 0.00	29.57 1.72 0.00	20.83 1.19 0.00	20.68 1.19 0.00	20.73 1.27 0.00	21.91 1.26 0.00	23.85 1.39 0.00	27.63 1.71 0.00	50.46 2.98 0.00	44.67 2.89 0.00	32.19 1.96 0.00	29.82 1.81 0.00	24.01 1.51 0.00	23.55 1.50 0.00	22.63 1.43 0.00	26.14 1.46 0.00
EAST RIVER___7 23524	21.06 1.20 0.00	18.25 1.00 0.00	19.01 1.01 0.00	18.20 0.95 0.00	15.61 0.79 0.00	20.26 1.00 0.00	29.92 1.49 0.00	28.10 1.55 0.00	23.95 1.44 0.00	29.57 1.72 0.00	20.83 1.19 0.00	20.68 1.19 0.00	20.73 1.27 0.00	21.91 1.26 0.00	23.85 1.39 0.00	27.63 1.71 0.00	50.46 2.98 0.00	44.67 2.89 0.00	32.19 1.96 0.00	29.82 1.81 0.00	24.01 1.51 0.00	23.55 1.50 0.00	22.63 1.43 0.00	26.14 1.46 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.88 1.02 0.00	18.12 0.88 0.00	18.87 0.87 0.00	18.09 0.84 0.00	15.53 0.71 0.00	20.13 0.88 0.00	29.72 1.28 0.00	27.91 1.35 0.00	23.75 1.24 0.00	29.32 1.47 0.00	20.66 1.02 0.00	20.49 1.01 0.00	20.53 1.07 0.00	21.71 1.06 0.00	23.63 1.18 0.00	27.37 1.45 0.00	49.99 2.51 0.00	44.23 2.45 0.00	31.91 1.67 0.00	29.56 1.55 0.00	23.79 1.30 0.00	23.35 1.30 0.00	22.44 1.24 0.00	25.96 1.28 0.00
EAST_HAMPTON___DIESEL 23722	20.66 0.80 0.00	17.83 0.59 0.00	18.28 0.28 0.00	17.66 0.41 0.00	15.14 0.32 0.00	19.62 0.36 0.00	28.54 0.10 0.00	26.41 -0.15 0.00	23.35 0.84 0.00	28.87 1.02 0.00	20.08 0.45 0.00	19.71 0.23 0.00	20.10 0.64 0.00	21.46 0.82 0.00	24.18 1.06 -0.66	30.68 1.41 -3.36	49.25 1.77 0.00	43.54 1.76 0.00	31.65 1.41 0.00	29.59 1.59 0.00	24.25 1.76 0.00	23.67 1.62 0.00	22.36 1.16 0.00	25.78 1.11 0.00
EAST_POINT___SOLAR 323840	20.93 1.07 0.00	18.14 0.89 0.00	18.91 0.91 0.00	18.12 0.87 0.00	15.57 0.74 0.00	20.34 1.08 0.00	30.16 1.73 0.00	28.01 1.45 0.00	23.57 1.06 0.00	29.46 1.61 0.00	20.72 1.08 0.00	20.35 0.86 0.00	20.51 1.06 0.00	21.88 1.24 0.00	23.74 1.29 0.00	27.63 1.71 0.00	50.71 3.23 0.00	44.67 2.89 0.00	32.26 2.03 0.00	29.76 1.76 0.00	23.86 1.37 0.00	23.38 1.34 0.00	22.38 1.18 0.00	26.01 1.33 0.00
EAST_PULASKI___ESR 323781	19.38 -0.48 0.00	16.80 -0.45 0.00	17.51 -0.49 0.00	16.52 -0.49 0.23	14.57 -0.43 -0.18	19.84 -0.50 -1.08	30.60 -0.73 -2.89	28.68 -0.66 -2.78	24.52 -0.54 -2.54	30.04 -0.67 -2.85	21.65 -0.37 -2.38	21.52 -0.34 -2.37	21.46 -0.37 -2.37	21.89 -0.37 -1.61	22.67 -0.38 -0.60	25.93 -0.39 -0.40	49.40 -0.47 -2.39	41.26 -0.52 0.00	30.80 -0.52 -1.09	30.35 -0.52 -2.87	24.61 -0.44 -2.55	24.05 -0.52 -2.52	23.16 -0.52 -2.47	26.53 -0.62 -2.47
EAST_RIVER___1 323558	21.02 1.16 0.00	18.22 0.97 0.00	18.97 0.97 0.00	18.18 0.93 0.00	15.60 0.78 0.00	20.23 0.98 0.00	29.88 1.45 0.00	28.07 1.51 0.00	23.91 1.41 0.00	29.54 1.68 0.00	20.81 1.17 0.00	20.66 1.17 0.00	20.71 1.25 0.00	21.88 1.24 0.00	23.82 1.37 0.00	27.59 1.67 0.00	50.38 2.90 0.00	44.62 2.84 0.00	32.16 1.93 0.00	29.79 1.79 0.00	23.98 1.49 0.00	23.52 1.48 0.00	22.60 1.40 0.00	26.12 1.44 0.00
EAST_RIVER___2 323559	21.06 1.20 0.00	18.25 1.00 0.00	19.01 1.01 0.00	18.20 0.95 0.00	15.61 0.79 0.00	20.26 1.00 0.00	29.92 1.49 0.00	28.10 1.55 0.00	23.95 1.44 0.00	29.57 1.72 0.00	20.83 1.19 0.00	20.68 1.19 0.00	20.73 1.27 0.00	21.91 1.26 0.00	23.85 1.39 0.00	27.63 1.71 0.00	50.46 2.98 0.00	44.67 2.89 0.00	32.19 1.96 0.00	29.82 1.81 0.00	24.01 1.51 0.00	23.55 1.50 0.00	22.63 1.43 0.00	26.14 1.46 0.00
EAST___DELAWARE_HYD 23607	20.89 1.03 0.00	18.13 0.89 0.00	18.92 0.92 0.00	18.13 0.88 0.00	15.57 0.75 0.00	20.20 0.94 0.00	29.84 1.41 0.00	28.00 1.44 0.00	23.79 1.29 0.00	29.32 1.46 0.00	20.62 0.98 0.00	20.39 0.91 0.00	20.42 0.96 0.00	21.65 1.00 0.00	23.60 1.15 0.00	27.30 1.38 0.00	50.07 2.60 0.00	44.37 2.58 0.00	32.04 1.80 0.00	29.66 1.66 0.00	23.84 1.35 0.00	23.38 1.33 0.00	22.44 1.24 0.00	25.99 1.31 0.00
EIGHT_POINT___WT_PWR 323820	18.15 -1.71 0.00	15.62 -1.63 0.00	16.33 -1.67 0.00	15.44 -1.81 0.00	13.26 -1.56 0.00	17.82 -1.44 0.00	26.40 -2.04 0.00	24.80 -1.75 0.00	21.11 -1.40 0.00	26.18 -1.68 0.00	18.50 -1.13 0.00	18.48 -1.00 0.00	18.06 -1.40 0.00	19.19 -1.45 0.00	23.03 -1.70 -2.28	58.63 -1.68 -34.39	100.57 -2.47 -55.56	88.73 -2.96 -49.91	66.89 -2.52 -39.18	73.57 -2.03 -47.60	49.26 -1.81 -28.57	33.92 -1.91 -13.78	19.19 -2.02 0.00	22.51 -2.17 0.00
ELBRIDGE_115KV_TB2 80188	19.51 -0.35 0.00	16.94 -0.31 0.00	17.69 -0.31 0.00	16.94 -0.31 0.00	14.56 -0.27 0.00	18.95 -0.31 0.00	28.00 -0.43 0.00	26.15 -0.41 0.00	22.19 -0.32 0.00	27.52 -0.33 0.00	19.42 -0.21 0.00	19.32 -0.17 0.00	19.26 -0.20 0.00	20.41 -0.24 0.00	22.18 -0.28 0.00	25.56 -0.36 0.00	46.87 -0.61 0.00	41.28 -0.51 0.00	29.91 -0.32 0.00	27.68 -0.32 0.00	22.17 -0.33 0.00	21.73 -0.31 0.00	20.84 -0.37 0.00	24.28 -0.40 0.00
ELEC_TRO_TEK 24086	21.14 1.28 0.00	18.31 1.06 0.00	18.94 0.94 0.00	18.18 0.93 0.00	15.64 0.81 0.00	20.26 1.00 0.00	29.65 1.21 0.00	27.66 1.11 0.00	23.95 1.44 0.00	29.64 1.79 0.00	20.86 1.22 0.00	20.63 1.14 0.00	20.77 1.31 0.00	22.01 1.36 0.00	24.70 1.59 -0.66	31.21 1.93 -3.36	50.37 2.90 0.00	44.34 2.56 0.00	31.97 1.74 0.00	29.73 1.73 0.00	24.01 1.51 0.00	23.52 1.47 0.00	22.64 1.43 0.00	26.16 1.49 0.00

ELLENBURG_WT_PWR 323604	19.68 -0.18 0.00	16.95 -0.29 0.00	17.39 -0.60 0.01	7.94 -0.65 8.66	11.24 -0.56 3.02	0.37 -0.69 18.19	-21.17 -0.98 48.62	-21.13 -0.89 46.80	-21.09 -0.79 42.81	-21.14 -1.01 47.98	-21.11 -0.61 40.14	-21.08 -0.62 39.95	-21.09 -0.62 39.94	-7.13 -0.64 27.14	11.69 -0.59 10.17	16.87 -0.64 8.41	6.19 -1.11 40.18	40.91 -0.87 0.00	11.22 -0.70 18.32	-21.12 -0.76 48.36	-21.06 -0.59 42.97	-21.08 -0.64 42.49	-21.10 -0.64 41.66	-17.62 -0.65 41.64
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.53 -1.34 0.00	16.09 -1.16 0.00	16.79 -1.22 0.00	15.99 -1.25 0.00	13.75 -1.08 0.00	18.16 -1.10 0.00	26.89 -1.55 0.00	24.65 -1.90 0.00	20.63 -1.88 0.00	25.69 -2.17 0.00	18.22 -1.42 0.00	18.29 -1.20 0.00	18.03 -1.43 0.00	19.22 -1.43 0.00	19.91 -1.74 0.80	12.05 -2.17 11.70	24.61 -4.20 18.67	21.12 -3.89 16.77	14.54 -2.53 13.16	9.58 -2.44 15.99	11.12 -1.78 9.59	15.64 -1.78 4.63	19.51 -1.69 0.00	23.27 -1.40 0.00
EMPIRE_CC_1 323656	20.57 0.71 0.00	17.88 0.63 0.00	18.69 0.69 0.00	17.92 0.67 0.00	15.40 0.57 0.00	19.93 0.67 0.00	29.37 0.94 0.00	27.36 0.81 0.00	23.27 0.76 0.00	28.73 0.87 0.00	20.13 0.50 0.00	19.87 0.38 0.00	19.89 0.43 0.00	21.17 0.52 0.00	23.10 0.64 0.00	26.72 0.80 0.00	48.79 1.31 0.00	43.00 1.22 0.00	31.12 0.89 0.00	28.79 0.78 0.00	23.11 0.61 0.00	22.63 0.58 0.00	21.83 0.63 0.00	25.41 0.73 0.00
EMPIRE_CC_2 323658	20.57 0.71 0.00	17.88 0.63 0.00	18.69 0.69 0.00	17.92 0.67 0.00	15.40 0.57 0.00	19.93 0.67 0.00	29.37 0.94 0.00	27.36 0.81 0.00	23.27 0.76 0.00	28.73 0.87 0.00	20.13 0.50 0.00	19.87 0.38 0.00	19.89 0.43 0.00	21.17 0.52 0.00	23.10 0.64 0.00	26.72 0.80 0.00	48.79 1.31 0.00	43.00 1.22 0.00	31.12 0.89 0.00	28.79 0.78 0.00	23.11 0.61 0.00	22.63 0.58 0.00	21.83 0.63 0.00	25.41 0.73 0.00
ENORWICH_115KV_TB1 80156	20.45 0.59 0.00	17.53 0.29 0.00	18.30 0.30 0.00	17.47 0.22 0.00	15.08 0.26 0.00	19.94 0.68 0.00	29.66 1.22 0.00	27.83 1.27 0.00	23.57 1.06 0.00	29.24 1.38 0.00	20.67 1.03 0.00	20.43 0.95 0.00	20.36 0.90 0.00	21.66 1.01 0.00	23.74 1.18 -0.11	28.98 1.29 -1.76	52.99 2.63 -2.88	47.05 2.68 -2.58	34.10 1.84 -2.03	31.78 1.31 -2.46	25.07 1.09 -1.48	23.67 0.91 -0.71	21.66 0.46 0.00	25.17 0.49 0.00
ERIE_ST_34_KV_TB1-2 80199	19.03 -0.83 0.00	16.51 -0.73 0.00	17.23 -0.77 0.00	16.42 -0.83 0.00	14.11 -0.72 0.00	18.63 -0.62 0.00	27.57 -0.87 0.00	25.37 -1.19 0.00	21.27 -1.24 0.00	26.48 -1.38 0.00	18.80 -0.84 0.00	18.88 -0.61 0.00	18.63 -0.83 0.00	19.87 -0.78 0.00	20.83 -1.01 0.62	15.00 -1.30 9.62	29.32 -2.46 15.70	25.38 -2.30 14.10	17.79 -1.37 11.07	13.24 -1.32 13.45	13.53 -0.91 8.06	17.24 -0.92 3.89	20.25 -0.95 0.00	24.08 -0.60 0.00
ERIE_WT_PWR 323693	18.62 -1.24 0.00	16.16 -1.08 0.00	16.86 -1.13 0.00	16.08 -1.17 0.00	13.78 -1.04 0.00	18.26 -1.00 0.00	27.02 -1.41 0.00	24.82 -1.74 0.00	20.78 -1.73 0.00	25.88 -1.97 0.00	18.37 -1.27 0.00	18.44 -1.05 0.00	18.17 -1.28 0.00	19.38 -1.27 0.00	20.19 -1.56 0.71	13.10 -1.90 10.92	25.93 -3.72 17.82	22.32 -3.46 16.01	15.44 -2.22 12.56	10.64 -2.10 15.27	11.79 -1.55 9.16	16.05 -1.59 4.41	19.67 -1.54 0.00	23.45 -1.23 0.00
ESPRGFLD_115KV_TB1 80157	20.39 0.53 0.00	17.65 0.40 0.00	18.42 0.42 0.00	17.63 0.38 0.00	15.14 0.31 0.00	19.76 0.50 0.00	29.29 0.86 0.00	27.40 0.85 0.00	23.14 0.63 0.00	28.71 0.86 0.00	20.38 0.74 0.00	20.25 0.76 0.00	20.23 0.77 0.00	21.45 0.80 0.00	23.28 0.83 0.00	26.90 0.98 0.00	49.30 1.83 0.00	43.42 1.65 0.00	31.35 1.12 0.00	28.90 0.90 0.00	23.23 0.73 0.00	22.80 0.75 0.00	21.80 0.60 0.00	25.34 0.66 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.91 0.05 0.00	17.25 0.01 0.00	18.03 0.04 0.00	17.25 0.00 0.00	14.82 0.00 0.00	19.38 0.12 0.00	28.68 0.24 0.00	26.83 0.27 0.00	22.75 0.24 0.00	28.22 0.37 0.00	19.92 0.28 0.00	19.82 0.34 0.00	19.74 0.28 0.00	20.94 0.30 0.00	22.96 0.31 -0.19	29.22 0.33 -2.97	53.08 0.76 -4.84	46.82 0.69 -4.35	34.19 0.54 -3.41	32.60 0.45 -4.15	25.27 0.28 -2.49	23.50 0.25 -1.20	21.30 0.10 0.00	24.80 0.12 0.00
ETNA____115KV_TB2 80207	19.91 0.05 0.00	17.25 0.01 0.00	18.03 0.04 0.00	17.25 0.00 0.00	14.82 0.00 0.00	19.38 0.12 0.00	28.68 0.24 0.00	26.83 0.27 0.00	22.75 0.24 0.00	28.22 0.37 0.00	19.92 0.28 0.00	19.82 0.34 0.00	19.74 0.28 0.00	20.94 0.30 0.00	22.96 0.31 -0.19	29.22 0.33 -2.97	53.08 0.76 -4.84	46.82 0.69 -4.35	34.19 0.54 -3.41	32.60 0.45 -4.15	25.27 0.28 -2.49	23.50 0.25 -1.20	21.30 0.10 0.00	24.80 0.12 0.00
EUCLID____115KV_TB2 356179	19.41 -0.45 0.00	16.86 -0.39 0.00	17.60 -0.40 0.00	16.85 -0.39 0.00	14.49 -0.34 0.00	18.86 -0.40 0.00	27.86 -0.57 0.00	26.00 -0.55 0.00	22.03 -0.48 0.00	27.28 -0.57 0.00	19.27 -0.37 0.00	19.16 -0.32 0.00	19.10 -0.36 0.00	20.27 -0.37 0.00	22.03 -0.43 0.00	25.40 -0.52 0.00	46.51 -0.97 0.00	40.90 -0.88 0.00	29.61 -0.62 0.00	27.40 -0.60 0.00	22.00 -0.50 0.00	21.55 -0.50 0.00	20.70 -0.50 0.00	24.11 -0.56 0.00
E_CANADA_CAP_HY 24051	20.66 0.80 0.00	17.90 0.65 0.00	18.65 0.65 0.00	17.87 0.62 0.00	15.34 0.51 0.00	20.03 0.77 0.00	29.67 1.24 0.00	27.66 1.11 0.00	23.28 0.77 0.00	28.98 1.12 0.00	20.50 0.86 0.00	20.30 0.82 0.00	20.34 0.88 0.00	21.61 0.97 0.00	23.46 1.00 0.00	27.18 1.26 0.00	49.78 2.30 0.00	43.80 2.01 0.00	31.58 1.35 0.00	29.11 1.11 0.00	23.39 0.89 0.00	23.00 0.95 0.00	22.04 0.84 0.00	25.65 0.97 0.00
E_CANADA_MHWK_HY 24050	20.27 0.41 0.00	17.61 0.36 0.00	18.40 0.40 0.00	18.14 0.38 -0.51	15.14 0.32 0.00	19.64 0.39 0.00	28.95 0.51 0.00	27.01 0.45 0.00	22.88 0.37 0.00	28.44 0.58 0.00	19.76 0.13 0.00	19.44 -0.05 0.00	19.49 0.03 0.00	20.77 0.12 0.00	22.78 0.33 0.00	26.59 0.60 -0.07	48.34 0.86 0.00	42.70 0.91 0.00	30.90 0.66 0.00	28.42 0.42 0.00	22.73 0.23 0.00	22.26 0.22 0.00	21.41 0.21 0.00	24.79 0.11 0.00
E_FISHKILL____LBMP 23776	20.76 0.90 0.00	18.02 0.77 0.00	18.79 0.78 0.00	18.01 0.76 0.00	15.46 0.64 0.00	20.03 0.77 0.00	29.55 1.12 0.00	27.73 1.17 0.00	23.59 1.08 0.00	29.13 1.27 0.00	20.52 0.88 0.00	20.35 0.87 0.00	20.38 0.92 0.00	21.56 0.92 0.00	23.47 1.02 0.00	27.19 1.26 0.00	49.64 2.16 0.00	43.90 2.12 0.00	31.69 1.45 0.00	29.36 1.35 0.00	23.62 1.12 0.00	23.16 1.12 0.00	22.27 1.07 0.00	25.78 1.11 0.00
FALCON____SEABRD_CC1 323796	19.81 -0.05 0.00	17.07 -0.18 0.00	17.49 -0.51 0.01	8.10 -0.54 8.61	11.31 -0.46 3.05	0.35 -0.54 18.36	-21.37 -0.73 49.07	-21.34 -0.66 47.23	-21.29 -0.59 43.20	-21.36 -0.80 48.42	-21.35 -0.48 40.51	-21.29 -0.45 40.32	-21.30 -0.45 40.31	-7.23 -0.48 27.39	11.76 -0.42 10.27	16.97 -0.48 8.47	6.12 -0.81 40.55	41.15 -0.63 0.00	11.24 -0.51 18.49	-21.37 -0.56 48.81	-21.33 -0.46 43.36	-21.33 -0.50 42.88	-21.34 -0.50 42.04	-17.82 -0.46 42.03

FALCON___SEABRD_CC2 323797	19.81 -0.05 0.00	17.07 -0.18 0.00	17.49 -0.51 0.01	8.10 -0.54 8.61	11.31 -0.46 3.05	0.35 -0.54 18.36	-21.37 -0.73 49.07	-21.34 -0.66 47.23	-21.29 -0.59 43.20	-21.36 -0.80 48.42	-21.35 -0.48 40.51	-21.29 -0.45 40.32	-21.30 -0.45 40.31	-7.23 -0.48 27.39	11.76 -0.42 10.27	16.97 -0.48 8.47	6.12 -0.81 40.55	41.15 -0.63 0.00	11.24 -0.51 18.49	-21.37 -0.56 48.81	-21.33 -0.46 43.36	-21.33 -0.50 42.88	-21.34 -0.50 42.04	-17.82 -0.46 42.03
FAR ROCKAWAY___4 23548	21.34 1.49 0.00	18.49 1.24 0.00	19.12 1.12 0.00	18.35 1.10 0.00	15.78 0.96 0.00	20.45 1.19 0.00	29.93 1.50 0.00	27.92 1.36 0.00	24.18 1.68 0.00	29.96 2.10 0.00	21.08 1.45 0.00	20.85 1.36 0.00	21.00 1.54 0.00	22.25 1.61 0.00	24.98 1.86 -0.66	31.54 2.26 -3.36	50.96 3.49 0.00	44.89 3.11 0.00	32.35 2.12 0.00	30.08 2.08 0.00	24.28 1.78 0.00	23.77 1.73 0.00	22.87 1.67 0.00	26.46 1.78 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.03 1.17 0.00	18.22 0.98 0.00	18.97 0.98 0.00	18.18 0.93 0.00	15.61 0.78 0.00	20.24 0.99 0.00	29.89 1.46 0.00	28.08 1.53 0.00	23.92 1.41 0.00	29.54 1.69 0.00	20.81 1.17 0.00	20.66 1.17 0.00	20.71 1.25 0.00	21.88 1.23 0.00	23.82 1.36 0.00	27.59 1.67 0.00	50.38 2.90 0.00	44.61 2.83 0.00	32.16 1.93 0.00	29.78 1.78 0.00	23.98 1.48 0.00	23.52 1.47 0.00	22.60 1.40 0.00	26.11 1.44 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.00 1.15 0.00	18.21 0.96 0.00	18.96 0.96 0.00	18.17 0.92 0.00	15.59 0.77 0.00	20.22 0.97 0.00	29.86 1.43 0.00	28.05 1.49 0.00	23.89 1.38 0.00	29.51 1.65 0.00	20.78 1.14 0.00	20.63 1.14 0.00	20.67 1.21 0.00	21.85 1.20 0.00	23.79 1.33 0.00	27.56 1.64 0.00	50.32 2.84 0.00	44.55 2.77 0.00	32.12 1.89 0.00	29.74 1.74 0.00	23.95 1.45 0.00	23.49 1.44 0.00	22.57 1.37 0.00	26.09 1.41 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.02 1.16 0.00	18.21 0.96 0.00	18.96 0.97 0.00	18.18 0.93 0.00	15.60 0.78 0.00	20.23 0.98 0.00	29.88 1.45 0.00	28.07 1.51 0.00	23.91 1.40 0.00	29.53 1.68 0.00	20.80 1.16 0.00	20.65 1.16 0.00	20.69 1.23 0.00	21.87 1.22 0.00	23.81 1.36 0.00	27.59 1.67 0.00	50.36 2.89 0.00	44.59 2.80 0.00	32.14 1.91 0.00	29.77 1.76 0.00	23.97 1.47 0.00	23.51 1.46 0.00	22.59 1.38 0.00	26.10 1.43 0.00
FARRAGUT___LBMP 323566	21.00 1.15 0.00	18.21 0.96 0.00	18.96 0.96 0.00	18.17 0.92 0.00	15.59 0.77 0.00	20.22 0.97 0.00	29.86 1.43 0.00	28.05 1.49 0.00	23.89 1.38 0.00	29.51 1.65 0.00	20.78 1.14 0.00	20.63 1.14 0.00	20.67 1.21 0.00	21.85 1.20 0.00	23.79 1.33 0.00	27.56 1.64 0.00	50.32 2.84 0.00	44.55 2.77 0.00	32.12 1.89 0.00	29.74 1.74 0.00	23.95 1.45 0.00	23.49 1.44 0.00	22.57 1.37 0.00	26.09 1.41 0.00
FENNER___WINDPWR 24204	19.98 0.12 0.00	17.32 0.07 0.00	18.09 0.09 0.00	17.36 0.11 0.00	15.01 0.11 -0.08	19.95 0.22 -0.48	30.12 0.40 -1.28	28.23 0.45 -1.23	23.97 0.33 -1.13	29.59 0.47 -1.27	21.03 0.34 -1.06	20.90 0.36 -1.06	20.86 0.35 -1.05	21.75 0.38 -0.72	23.21 0.49 -0.27	26.68 0.57 -0.19	49.67 1.13 -1.06	42.61 0.83 0.00	31.27 0.55 -0.48	29.73 0.45 -1.28	23.93 0.30 -1.13	23.43 0.27 -1.12	22.49 0.19 -1.10	25.94 0.17 -1.10
FIBERTEK___ENERGY 23856	19.60 -0.26 0.00	17.01 -0.23 0.00	17.77 -0.23 0.00	17.01 -0.24 0.00	14.62 -0.20 0.00	19.05 -0.21 0.00	28.15 -0.28 0.00	26.29 -0.26 0.00	22.30 -0.21 0.00	27.64 -0.21 0.00	19.51 -0.12 0.00	19.41 -0.07 0.00	19.35 -0.11 0.00	20.52 -0.13 0.00	22.30 -0.15 0.00	25.72 -0.20 0.00	47.16 -0.32 0.00	41.49 -0.29 0.00	30.05 -0.19 0.00	27.81 -0.20 0.00	22.29 -0.21 0.00	21.82 -0.22 0.00	20.94 -0.26 0.00	24.39 -0.29 0.00
FITZPATRICK____ 23598	19.19 -0.67 0.00	16.66 -0.58 0.00	17.40 -0.60 0.00	16.66 -0.59 0.00	14.32 -0.51 0.00	18.63 -0.63 0.00	27.50 -0.94 0.00	25.67 -0.89 0.00	21.75 -0.76 0.00	26.92 -0.93 0.00	19.01 -0.63 0.00	18.89 -0.59 0.00	18.85 -0.61 0.00	19.99 -0.65 0.00	21.72 -0.73 0.00	25.06 -0.86 0.00	45.90 -1.58 0.00	40.37 -1.41 0.00	29.24 -1.00 0.00	27.06 -0.95 0.00	21.73 -0.77 0.00	21.28 -0.77 0.00	20.45 -0.75 0.00	23.82 -0.86 0.00
FLOWRFLD_69_KV_BK1 356044	21.31 1.45 0.00	18.43 1.18 0.00	18.98 0.98 0.00	18.27 1.02 0.00	15.69 0.87 0.00	20.33 1.07 0.00	29.57 1.14 0.00	27.45 0.89 0.00	24.08 1.57 0.00	29.79 1.94 0.00	20.89 1.26 0.00	20.57 1.08 0.00	20.84 1.38 0.00	22.15 1.51 0.00	24.91 1.79 -0.66	31.49 2.21 -3.36	50.57 3.09 0.00	44.42 2.63 0.00	32.08 1.85 0.00	29.97 1.96 0.00	24.28 1.78 0.00	23.72 1.67 0.00	22.84 1.64 0.00	26.36 1.69 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.95 1.09 0.00	18.19 0.94 0.00	18.96 0.96 0.00	18.18 0.93 0.00	15.60 0.78 0.00	20.23 0.98 0.00	29.88 1.45 0.00	28.05 1.49 0.00	23.83 1.32 0.00	29.42 1.56 0.00	20.71 1.08 0.00	20.57 1.08 0.00	20.58 1.12 0.00	21.79 1.15 0.00	23.74 1.28 0.00	27.50 1.58 0.00	50.27 2.79 0.00	44.47 2.69 0.00	32.10 1.87 0.00	29.73 1.72 0.00	23.90 1.41 0.00	23.43 1.38 0.00	22.50 1.30 0.00	26.04 1.37 0.00
FORT ORANGE____ 23900	20.70 0.84 0.00	17.99 0.74 0.00	18.81 0.81 0.00	18.03 0.78 0.00	15.49 0.67 0.00	20.07 0.81 0.00	29.62 1.19 0.00	27.64 1.08 0.00	23.43 0.92 0.00	28.87 1.02 0.00	20.27 0.63 0.00	20.01 0.52 0.00	20.04 0.58 0.00	21.31 0.66 0.00	23.23 0.78 0.00	26.88 0.96 0.00	49.16 1.68 0.00	43.33 1.55 0.00	31.36 1.13 0.00	29.01 1.01 0.00	23.28 0.78 0.00	22.78 0.74 0.00	21.92 0.72 0.00	25.49 0.82 0.00
FORT_DRUM_COGEN 23780	19.49 -0.37 0.00	16.83 -0.42 0.00	17.44 -0.56 0.00	15.82 -0.58 0.85	14.89 -0.48 -0.54	22.04 -0.49 -3.28	36.57 -0.63 -8.77	34.54 -0.46 -8.44	29.83 -0.39 -7.72	35.97 -0.54 -8.65	26.70 -0.18 -7.24	26.52 -0.17 -7.21	26.53 -0.13 -7.20	25.44 -0.10 -4.90	24.29 0.00 -1.84	27.40 0.29 -1.19	56.30 1.57 -7.25	42.85 1.08 0.00	33.67 0.14 -3.30	36.78 0.05 -8.72	30.16 -0.08 -7.75	29.41 -0.30 -7.66	28.31 -0.40 -7.51	31.69 -0.50 -7.51
FOX_HILLS___ESR 323835	20.93 1.07 0.00	18.13 0.89 0.00	18.88 0.88 0.00	18.18 0.93 0.00	15.64 0.81 0.00	20.29 1.03 0.00	29.97 1.53 0.00	28.16 1.60 0.00	23.95 1.44 0.00	29.55 1.69 0.00	20.83 1.19 0.00	20.69 1.20 0.00	20.70 1.24 0.00	21.87 1.23 0.00	23.82 1.37 0.00	27.62 1.70 0.00	50.39 2.91 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.84 1.83 0.00	24.06 1.56 0.00	23.59 1.54 0.00	22.65 1.45 0.00	26.18 1.50 0.00
FPL FAR_ROCK_GT1 24212	21.34 1.49 0.00	18.49 1.24 0.00	19.12 1.12 0.00	18.35 1.10 0.00	15.79 0.96 0.00	20.45 1.20 0.00	29.93 1.50 0.00	27.92 1.37 0.00	24.19 1.68 0.00	29.96 2.10 0.00	21.08 1.45 0.00	20.85 1.36 0.00	21.00 1.54 0.00	22.26 1.61 0.00	24.98 1.86 -0.66	31.53 2.25 -3.36	50.95 3.47 0.00	44.87 3.09 0.00	32.35 2.11 0.00	30.08 2.07 0.00	24.28 1.79 0.00	23.77 1.73 0.00	22.87 1.67 0.00	26.46 1.78 0.00

FPL FAR_ROCK_GT2 23815	21.34 1.49 0.00	18.49 1.24 0.00	19.12 1.12 0.00	18.35 1.10 0.00	15.79 0.96 0.00	20.45 1.20 0.00	29.93 1.50 0.00	27.92 1.37 0.00	24.19 1.68 0.00	29.96 2.10 0.00	21.08 1.45 0.00	20.85 1.36 0.00	21.00 1.54 0.00	22.26 1.61 0.00	24.98 1.86 -0.66	31.53 2.25 -3.36	50.95 3.47 0.00	44.87 3.09 0.00	32.35 2.11 0.00	30.08 2.07 0.00	24.28 1.79 0.00	23.77 1.73 0.00	22.87 1.67 0.00	26.46 1.78 0.00
FRANKLIN_FALL_HYD 24054	20.07 0.21 0.00	17.30 0.05 0.00	17.77 -0.24 -0.01	9.87 -0.30 7.07	18.21 -0.24 -3.63	40.93 -0.22 -21.89	86.79 -0.16 -58.52	82.80 -0.09 -56.32	73.87 -0.16 -51.52	85.32 -0.27 -57.75	67.90 -0.05 -48.31	67.51 -0.07 -48.09	67.44 -0.08 -48.06	53.24 -0.07 -32.67	34.74 0.04 -12.24	33.84 0.17 -7.74	96.48 0.64 -48.36	42.42 0.64 0.00	52.62 0.34 -22.05	86.44 0.23 -58.21	74.35 0.14 -51.72	73.20 0.01 -51.14	71.28 -0.06 -50.14	74.77 -0.02 -50.12
FREEPORT_EQUS_GT1 23764	21.24 1.38 0.00	18.39 1.15 0.00	19.01 1.01 0.00	18.25 1.00 0.00	15.70 0.88 0.00	20.34 1.08 0.00	29.74 1.30 0.00	27.74 1.18 0.00	24.07 1.56 0.00	29.79 1.94 0.00	20.95 1.32 0.00	20.69 1.21 0.00	20.85 1.40 0.00	22.10 1.45 0.00	24.82 1.70 -0.66	31.35 2.07 -3.36	50.59 3.12 0.00	44.51 2.73 0.00	32.11 1.88 0.00	29.89 1.89 0.00	24.13 1.64 0.00	23.64 1.59 0.00	22.76 1.56 0.00	26.28 1.61 0.00
FREEPORT___CT2 23818	21.24 1.38 0.00	18.39 1.15 0.00	19.01 1.01 0.00	18.25 1.00 0.00	15.70 0.88 0.00	20.34 1.08 0.00	29.74 1.30 0.00	27.74 1.18 0.00	24.07 1.56 0.00	29.79 1.94 0.00	20.95 1.32 0.00	20.69 1.21 0.00	20.85 1.40 0.00	22.10 1.45 0.00	24.82 1.70 -0.66	31.35 2.07 -3.36	50.59 3.12 0.00	44.51 2.73 0.00	32.11 1.88 0.00	29.89 1.89 0.00	24.13 1.64 0.00	23.64 1.59 0.00	22.76 1.56 0.00	26.28 1.61 0.00
FRESHKLS_33_KV_LOAD 356253	20.91 1.05 0.00	18.11 0.86 0.00	18.86 0.86 0.00	18.20 0.96 0.00	15.68 0.86 0.00	20.34 1.09 0.00	30.05 1.62 0.00	28.24 1.68 0.00	24.01 1.50 0.00	29.59 1.74 0.00	20.87 1.23 0.00	20.71 1.22 0.00	20.70 1.24 0.00	21.88 1.24 0.00	23.83 1.38 0.00	27.64 1.73 0.00	50.49 3.01 0.00	44.77 2.98 0.00	32.26 2.03 0.00	29.92 1.91 0.00	24.11 1.62 0.00	23.64 1.59 0.00	22.70 1.49 0.00	26.24 1.56 0.00
FULTON COGEN____ 23766	19.36 -0.50 0.00	16.81 -0.44 0.00	17.55 -0.45 0.00	16.81 -0.44 0.00	14.44 -0.38 0.00	18.80 -0.45 0.00	27.77 -0.66 0.00	25.94 -0.62 0.00	21.99 -0.52 0.00	27.20 -0.65 0.00	19.22 -0.42 0.00	19.10 -0.38 0.00	19.05 -0.41 0.00	20.23 -0.42 0.00	21.98 -0.47 0.00	25.35 -0.58 0.00	46.46 -1.01 0.00	40.89 -0.90 0.00	29.59 -0.65 0.00	27.39 -0.62 0.00	21.98 -0.51 0.00	21.51 -0.54 0.00	20.66 -0.54 0.00	24.06 -0.61 0.00
FULTON___LFGE 323630	20.82 0.96 0.00	18.05 0.81 0.00	18.83 0.83 0.00	18.04 0.79 0.00	15.50 0.68 0.00	20.21 0.96 0.00	29.96 1.52 0.00	27.92 1.36 0.00	23.52 1.02 0.00	29.30 1.45 0.00	20.50 0.87 0.00	20.24 0.75 0.00	20.35 0.89 0.00	21.69 1.04 0.00	23.62 1.17 0.00	27.44 1.52 0.00	50.32 2.84 0.00	44.31 2.53 0.00	31.99 1.76 0.00	29.53 1.52 0.00	23.69 1.19 0.00	23.20 1.16 0.00	22.25 1.05 0.00	25.85 1.17 0.00
G.F.CEMENT___DRP 24184	20.83 0.97 0.00	18.09 0.84 0.00	18.89 0.89 0.00	18.13 0.88 0.00	15.59 0.77 0.00	20.33 1.07 0.00	30.07 1.63 0.00	28.04 1.48 0.00	23.80 1.29 0.00	29.57 1.72 0.00	20.60 0.96 0.00	20.27 0.78 0.00	20.28 0.82 0.00	21.65 1.01 0.00	23.66 1.21 0.00	27.39 1.47 0.00	50.23 2.76 0.00	44.22 2.43 0.00	32.07 1.84 0.00	29.65 1.64 0.00	23.63 1.14 0.00	23.08 1.03 0.00	22.30 1.09 0.00	25.96 1.28 0.00
GARDENVILLE___LBMP 24039	18.56 -1.30 0.00	16.11 -1.13 0.00	16.81 -1.18 0.00	16.02 -1.23 0.00	13.77 -1.06 0.00	18.20 -1.06 0.00	26.95 -1.48 0.00	24.73 -1.82 0.00	20.70 -1.80 0.00	25.79 -2.07 0.00	18.30 -1.34 0.00	18.38 -1.11 0.00	18.12 -1.34 0.00	19.30 -1.34 0.00	19.93 -1.64 0.89	10.95 -2.05 12.92	22.91 -3.96 20.61	19.60 -3.67 18.51	13.34 -2.37 14.53	8.07 -2.28 17.65	10.24 -1.67 10.59	15.27 -1.67 5.11	19.60 -1.60 0.00	23.37 -1.31 0.00
GARDNVLA_35_KV_LD 355827	18.66 -1.20 0.00	16.19 -1.06 0.00	16.89 -1.11 0.00	16.10 -1.15 0.00	13.83 -0.99 0.00	18.28 -0.97 0.00	27.08 -1.36 0.00	24.86 -1.70 0.00	20.82 -1.69 0.00	25.94 -1.92 0.00	18.40 -1.24 0.00	18.49 -1.00 0.00	18.22 -1.24 0.00	19.42 -1.23 0.00	20.27 -1.51 0.67	13.73 -1.91 10.29	27.02 -3.67 16.78	23.29 -3.42 15.07	16.23 -2.18 11.83	11.54 -2.09 14.38	12.33 -1.55 8.62	16.34 -1.55 4.16	19.71 -1.49 0.00	23.49 -1.19 0.00
GELCKHM___115KV_LOAD 80723	19.48 -0.38 0.00	16.92 -0.33 0.00	17.66 -0.34 0.00	16.92 -0.33 0.00	14.54 -0.28 0.00	18.93 -0.32 0.00	27.98 -0.46 0.00	26.11 -0.44 0.00	22.14 -0.37 0.00	27.42 -0.43 0.00	19.36 -0.28 0.00	19.26 -0.23 0.00	19.20 -0.26 0.00	20.37 -0.28 0.00	22.13 -0.32 0.00	25.52 -0.40 0.00	46.76 -0.72 0.00	41.13 -0.65 0.00	29.78 -0.46 0.00	27.56 -0.45 0.00	22.11 -0.39 0.00	21.65 -0.40 0.00	20.79 -0.41 0.00	24.21 -0.46 0.00
GENERAL___MILLS 23808	18.63 -1.23 0.00	16.17 -1.08 0.00	16.87 -1.12 0.00	16.08 -1.17 0.00	13.82 -1.00 0.00	18.26 -0.99 0.00	27.05 -1.39 0.00	24.83 -1.73 0.00	20.79 -1.72 0.00	25.89 -1.96 0.00	18.37 -1.26 0.00	18.45 -1.04 0.00	18.19 -1.27 0.00	19.39 -1.26 0.00	20.20 -1.55 0.71	13.05 -1.95 10.92	25.91 -3.75 17.82	22.29 -3.49 16.01	15.44 -2.23 12.56	10.60 -2.14 15.27	11.77 -1.58 9.16	16.05 -1.58 4.41	19.68 -1.52 0.00	23.46 -1.21 0.00
GE_PLASTICS___DRP 24183	20.50 0.64 0.00	17.82 0.58 0.00	18.64 0.64 0.00	17.86 0.62 0.00	15.35 0.53 0.00	19.87 0.62 0.00	29.32 0.89 0.00	27.37 0.81 0.00	23.22 0.71 0.00	28.66 0.81 0.00	20.13 0.50 0.00	19.91 0.42 0.00	19.92 0.46 0.00	21.16 0.51 0.00	23.06 0.61 0.00	26.67 0.75 0.00	48.74 1.26 0.00	42.94 1.15 0.00	31.07 0.84 0.00	28.76 0.76 0.00	23.10 0.61 0.00	22.62 0.57 0.00	21.77 0.57 0.00	25.31 0.64 0.00
GILBOA___1 23756	20.31 0.45 0.00	17.66 0.41 0.00	18.55 0.55 0.00	17.78 0.53 0.00	15.28 0.45 0.00	19.68 0.42 0.00	29.03 0.59 0.00	27.14 0.59 0.00	23.05 0.54 0.00	28.48 0.63 0.00	20.05 0.41 0.00	19.87 0.39 0.00	19.87 0.41 0.00	21.08 0.43 0.00	22.95 0.49 0.00	26.53 0.61 0.00	48.37 0.89 0.00	42.60 0.82 0.00	30.82 0.59 0.00	28.59 0.59 0.00	22.99 0.50 0.00	22.55 0.51 0.00	21.68 0.48 0.00	25.20 0.52 0.00
GILBOA___2 23757	20.31 0.45 0.00	17.66 0.41 0.00	18.55 0.55 0.00	17.78 0.53 0.00	15.28 0.45 0.00	19.68 0.42 0.00	29.03 0.59 0.00	27.14 0.59 0.00	23.05 0.54 0.00	28.48 0.63 0.00	20.05 0.41 0.00	19.87 0.39 0.00	19.87 0.41 0.00	21.08 0.43 0.00	22.95 0.49 0.00	26.53 0.61 0.00	48.37 0.89 0.00	42.60 0.82 0.00	30.82 0.59 0.00	28.59 0.59 0.00	22.99 0.50 0.00	22.55 0.51 0.00	21.68 0.48 0.00	25.20 0.52 0.00

GILBOA___3 23758	20.31 0.45 0.00	17.66 0.41 0.00	18.55 0.55 0.00	17.78 0.53 0.00	15.28 0.45 0.00	19.68 0.42 0.00	29.03 0.59 0.00	27.14 0.59 0.00	23.05 0.54 0.00	28.48 0.63 0.00	20.05 0.41 0.00	19.87 0.39 0.00	19.87 0.41 0.00	21.08 0.43 0.00	22.95 0.49 0.00	26.53 0.61 0.00	48.37 0.89 0.00	42.60 0.82 0.00	30.82 0.59 0.00	28.59 0.59 0.00	22.99 0.50 0.00	22.55 0.51 0.00	21.68 0.48 0.00	25.20 0.52 0.00
GILBOA___4 23759	20.31 0.45 0.00	17.66 0.41 0.00	18.55 0.55 0.00	17.78 0.53 0.00	15.28 0.45 0.00	19.68 0.42 0.00	29.03 0.59 0.00	27.14 0.59 0.00	23.05 0.54 0.00	28.48 0.63 0.00	20.05 0.41 0.00	19.87 0.39 0.00	19.87 0.41 0.00	21.08 0.43 0.00	22.95 0.49 0.00	26.53 0.61 0.00	48.37 0.89 0.00	42.60 0.82 0.00	30.82 0.59 0.00	28.59 0.59 0.00	22.99 0.50 0.00	22.55 0.51 0.00	21.68 0.48 0.00	25.20 0.52 0.00
GILBOA___ 23599	20.31 0.45 0.00	17.66 0.41 0.00	18.55 0.55 0.00	17.78 0.53 0.00	15.27 0.45 0.00	19.68 0.42 0.00	29.03 0.59 0.00	27.14 0.59 0.00	23.05 0.54 0.00	28.48 0.63 0.00	20.05 0.41 0.00	19.87 0.39 0.00	19.87 0.41 0.00	21.07 0.43 0.00	22.95 0.49 0.00	26.53 0.61 0.00	48.37 0.89 0.00	42.60 0.82 0.00	30.82 0.59 0.00	28.59 0.58 0.00	22.99 0.50 0.00	22.55 0.51 0.00	21.69 0.48 0.00	25.20 0.52 0.00
GINNA___ 23603	18.28 -1.58 0.00	15.88 -1.36 0.00	16.57 -1.43 0.00	15.83 -1.42 0.00	13.61 -1.22 0.00	17.84 -1.41 0.00	26.44 -1.99 0.00	24.50 -2.06 0.00	20.64 -1.87 0.00	25.62 -2.23 0.00	18.12 -1.52 0.00	18.09 -1.39 0.00	17.98 -1.48 0.00	19.12 -1.53 0.00	20.71 -1.74 0.00	23.83 -2.09 0.00	43.52 -3.95 0.00	38.21 -3.58 0.00	27.73 -2.51 0.00	25.59 -2.41 0.00	20.58 -1.91 0.00	20.10 -1.95 0.00	19.35 -1.85 0.00	22.74 -1.93 0.00
GLEN PARK___ 23778	19.57 -0.29 0.00	16.89 -0.35 0.00	17.52 -0.48 0.00	15.94 -0.51 0.80	14.93 -0.41 -0.52	21.96 -0.40 -3.11	36.27 -0.49 -8.31	34.23 -0.33 -8.00	29.55 -0.28 -7.32	35.67 -0.39 -8.21	26.43 -0.07 -6.86	26.25 -0.07 -6.83	26.25 -0.04 -6.83	25.29 0.00 -4.64	24.30 0.11 -1.74	27.48 0.43 -1.13	56.18 1.83 -6.87	43.10 1.32 0.00	33.70 0.33 -3.13	36.52 0.24 -8.27	29.91 0.06 -7.35	29.15 -0.17 -7.27	28.04 -0.29 -7.13	31.42 -0.38 -7.12
GLENDAL_27_KV_LOAD 356172	21.07 1.21 0.00	18.25 1.01 0.00	19.00 1.00 0.00	18.22 0.97 0.00	15.64 0.82 0.00	20.29 1.03 0.00	29.98 1.54 0.00	28.17 1.61 0.00	23.99 1.49 0.00	29.64 1.79 0.00	20.87 1.23 0.00	20.73 1.24 0.00	20.75 1.29 0.00	21.94 1.29 0.00	23.89 1.44 0.00	27.67 1.75 0.00	50.51 3.03 0.00	44.74 2.95 0.00	32.25 2.01 0.00	29.88 1.87 0.00	24.06 1.57 0.00	23.59 1.54 0.00	22.64 1.44 0.00	26.16 1.48 0.00
GLENWOOD_IC_1_G5 23712	21.12 1.26 0.00	18.31 1.06 0.00	18.99 0.99 0.00	18.22 0.97 0.00	15.66 0.83 0.00	20.29 1.03 0.00	29.80 1.37 0.00	27.89 1.33 0.00	23.98 1.47 0.00	29.66 1.81 0.00	20.87 1.23 0.00	20.67 1.18 0.00	20.77 1.32 0.00	22.00 1.35 0.00	24.66 1.55 -0.66	31.16 1.88 -3.36	50.48 3.01 0.00	44.53 2.75 0.00	32.12 1.89 0.00	29.83 1.82 0.00	24.04 1.55 0.00	23.56 1.52 0.00	22.66 1.46 0.00	26.19 1.51 0.00
GLENWOOD_IC_2_G1 23688	21.02 1.16 0.00	18.23 0.98 0.00	18.93 0.93 0.00	18.16 0.91 0.00	15.60 0.78 0.00	20.21 0.96 0.00	29.74 1.31 0.00	27.86 1.30 0.00	23.88 1.37 0.00	29.51 1.66 0.00	20.78 1.14 0.00	20.59 1.10 0.00	20.67 1.21 0.00	21.88 1.23 0.00	24.51 1.39 -0.66	30.97 1.69 -3.36	50.23 2.75 0.00	44.37 2.58 0.00	32.00 1.77 0.00	29.69 1.69 0.00	23.93 1.44 0.00	23.46 1.41 0.00	22.55 1.35 0.00	26.08 1.41 0.00
GLENWOOD_IC_3_G1 23689	21.02 1.16 0.00	18.23 0.98 0.00	18.93 0.93 0.00	18.16 0.91 0.00	15.60 0.78 0.00	20.21 0.96 0.00	29.74 1.31 0.00	27.86 1.30 0.00	23.88 1.37 0.00	29.51 1.66 0.00	20.78 1.14 0.00	20.59 1.10 0.00	20.67 1.21 0.00	21.88 1.23 0.00	24.51 1.39 -0.66	30.97 1.69 -3.36	50.23 2.75 0.00	44.37 2.58 0.00	32.00 1.77 0.00	29.69 1.69 0.00	23.93 1.44 0.00	23.46 1.41 0.00	22.55 1.35 0.00	26.08 1.41 0.00
GLENWOOD___4 23550	21.12 1.26 0.00	18.31 1.06 0.00	18.99 0.99 0.00	18.22 0.97 0.00	15.66 0.83 0.00	20.29 1.03 0.00	29.80 1.37 0.00	27.89 1.33 0.00	23.98 1.47 0.00	29.66 1.81 0.00	20.87 1.23 0.00	20.67 1.18 0.00	20.77 1.32 0.00	22.00 1.35 0.00	24.66 1.55 -0.66	31.16 1.88 -3.36	50.48 3.01 0.00	44.53 2.75 0.00	32.12 1.89 0.00	29.83 1.82 0.00	24.04 1.55 0.00	23.56 1.52 0.00	22.66 1.46 0.00	26.19 1.51 0.00
GLENWOOD___5 23614	21.12 1.26 0.00	18.31 1.06 0.00	18.99 0.99 0.00	18.22 0.97 0.00	15.66 0.83 0.00	20.29 1.03 0.00	29.80 1.37 0.00	27.89 1.33 0.00	23.98 1.47 0.00	29.66 1.81 0.00	20.87 1.23 0.00	20.67 1.18 0.00	20.77 1.32 0.00	22.00 1.35 0.00	24.66 1.55 -0.66	31.16 1.88 -3.36	50.48 3.01 0.00	44.53 2.75 0.00	32.12 1.89 0.00	29.83 1.82 0.00	24.04 1.55 0.00	23.56 1.52 0.00	22.66 1.46 0.00	26.19 1.51 0.00
GLOBAL GREEN_PORT_GT1 23814	20.97 1.11 0.00	18.10 0.86 0.00	18.57 0.57 0.00	17.94 0.69 0.00	15.38 0.56 0.00	19.93 0.68 0.00	29.00 0.56 0.00	26.83 0.27 0.00	23.70 1.20 0.00	29.31 1.46 0.00	20.40 0.76 0.00	20.03 0.54 0.00	20.42 0.95 0.00	21.79 1.14 0.00	24.53 1.42 -0.66	31.10 1.82 -3.36	49.97 2.50 0.00	44.09 2.30 0.00	31.98 1.75 0.00	29.91 1.91 0.00	24.43 1.93 0.00	23.83 1.78 0.00	22.63 1.43 0.00	26.10 1.42 0.00
GLOBE___DSASP 323697	18.09 -1.77 0.00	15.73 -1.51 0.00	16.41 -1.59 0.00	15.62 -1.63 0.00	13.43 -1.39 0.00	17.71 -1.55 0.00	26.21 -2.22 0.00	23.90 -2.65 0.00	19.93 -2.58 0.00	24.81 -3.04 0.00	17.60 -2.04 0.00	17.65 -1.83 0.00	17.42 -2.04 0.00	18.57 -2.08 0.00	19.46 -2.45 0.54	14.49 -3.06 8.37	27.88 -5.95 13.65	24.01 -5.51 12.26	16.95 -3.66 9.62	12.79 -3.52 11.69	12.97 -2.50 7.02	16.17 -2.50 3.39	18.87 -2.33 0.00	22.59 -2.09 0.00
GOETHSLN___LBMP 323567	20.98 1.12 0.00	18.18 0.93 0.00	18.93 0.94 0.00	18.13 0.88 0.00	15.56 0.74 0.00	20.18 0.92 0.00	29.80 1.37 0.00	28.00 1.44 0.00	23.83 1.33 0.00	29.43 1.58 0.00	20.73 1.09 0.00	20.57 1.09 0.00	20.62 1.16 0.00	21.80 1.15 0.00	23.73 1.27 0.00	27.49 1.57 0.00	50.20 2.72 0.00	44.46 2.67 0.00	32.04 1.81 0.00	29.68 1.67 0.00	23.90 1.40 0.00	23.45 1.40 0.00	22.54 1.34 0.00	26.04 1.37 0.00
GOLAH___69_KV_TB 1_2 80279	19.05 -0.81 0.00	16.55 -0.69 0.00	17.26 -0.74 0.00	16.48 -0.77 0.00	14.18 -0.64 0.00	18.62 -0.64 0.00	27.60 -0.84 0.00	25.50 -1.06 0.00	21.45 -1.06 0.00	26.67 -1.18 0.00	18.86 -0.78 0.00	18.86 -0.62 0.00	18.71 -0.75 0.00	19.93 -0.72 0.00	21.46 -0.90 0.09	23.34 -1.15 1.43	42.80 -2.34 2.34	37.50 -2.19 2.10	27.17 -1.42 1.65	24.57 -1.43 2.00	20.24 -1.06 1.20	20.35 -1.11 0.58	20.15 -1.05 0.00	23.80 -0.88 0.00

GOODYEAR_LAKE_HYD 323669	20.34 0.48 0.00	17.63 0.38 0.00	18.43 0.43 0.00	17.64 0.39 0.00	15.15 0.33 0.00	19.71 0.45 0.00	29.19 0.75 0.00	27.35 0.79 0.00	23.16 0.66 0.00	28.68 0.83 0.00	20.30 0.66 0.00	20.16 0.67 0.00	20.13 0.67 0.00	21.34 0.69 0.00	23.19 0.74 0.00	26.77 0.85 0.00	49.00 1.52 0.00	43.22 1.44 0.00	31.24 1.01 0.00	28.86 0.86 0.00	23.19 0.70 0.00	22.74 0.69 0.00	21.76 0.56 0.00	25.27 0.59 0.00
GOUDEY_I15_KV_TB6_REV_LBMP_C 345031	19.73 -0.13 0.00	17.11 -0.14 0.00	17.89 -0.11 0.00	17.10 -0.15 0.00	14.67 -0.15 0.00	19.18 -0.08 0.00	28.34 -0.09 0.00	26.55 0.00 0.00	22.48 -0.03 0.00	27.81 -0.04 0.00	19.62 -0.02 0.00	19.59 0.10 0.00	19.48 0.02 0.00	20.67 0.02 0.00	22.46 0.00 0.00	25.86 -0.06 0.00	47.47 0.00 0.00	41.72 -0.06 0.00	30.28 0.05 0.00	28.06 0.05 0.00	22.46 -0.04 0.00	22.07 0.02 0.00	21.12 -0.08 0.00	24.63 -0.05 0.00
GOUDEY___7 23579	19.73 -0.13 0.00	17.11 -0.14 0.00	17.89 -0.11 0.00	17.10 -0.15 0.00	14.67 -0.15 0.00	19.18 -0.08 0.00	28.34 -0.09 0.00	26.55 0.00 0.00	22.48 -0.03 0.00	27.81 -0.04 0.00	19.62 -0.02 0.00	19.59 0.10 0.00	19.48 0.02 0.00	20.67 0.02 0.00	22.46 0.00 0.00	25.86 -0.06 0.00	47.47 0.00 0.00	41.72 -0.06 0.00	30.28 0.05 0.00	28.06 0.05 0.00	22.46 -0.04 0.00	22.07 0.02 0.00	21.12 -0.08 0.00	24.63 -0.05 0.00
GOUDEY___8 23580	19.73 -0.13 0.00	17.11 -0.14 0.00	17.89 -0.11 0.00	17.10 -0.15 0.00	14.67 -0.15 0.00	19.18 -0.08 0.00	28.34 -0.09 0.00	26.55 0.00 0.00	22.48 -0.03 0.00	27.81 -0.04 0.00	19.62 -0.02 0.00	19.59 0.10 0.00	19.48 0.02 0.00	20.67 0.02 0.00	22.46 0.00 0.00	25.86 -0.06 0.00	47.47 0.00 0.00	41.72 -0.06 0.00	30.28 0.05 0.00	28.06 0.05 0.00	22.46 -0.04 0.00	22.07 0.02 0.00	21.12 -0.08 0.00	24.63 -0.05 0.00
GOWANUS_GT1_1 24077	20.99 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.17 0.93 0.00	15.61 0.79 0.00	20.26 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.55 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.38 0.00	27.63 1.71 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.83 0.00	24.05 1.55 0.00	23.58 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT1_2 24078	20.99 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.17 0.93 0.00	15.61 0.79 0.00	20.26 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.55 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.38 0.00	27.63 1.71 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.83 0.00	24.05 1.55 0.00	23.58 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT1_3 24079	20.99 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.17 0.93 0.00	15.61 0.79 0.00	20.26 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.55 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.38 0.00	27.63 1.71 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.83 0.00	24.05 1.55 0.00	23.58 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT1_4 24080	20.99 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.17 0.93 0.00	15.61 0.79 0.00	20.26 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.55 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.38 0.00	27.63 1.71 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.83 0.00	24.05 1.55 0.00	23.58 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT1_5 24084	20.99 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.17 0.93 0.00	15.61 0.79 0.00	20.26 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.55 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.38 0.00	27.63 1.71 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.83 0.00	24.05 1.55 0.00	23.58 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT1_6 24111	20.99 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.17 0.93 0.00	15.61 0.79 0.00	20.26 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.55 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.38 0.00	27.63 1.71 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.83 0.00	24.05 1.55 0.00	23.58 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT1_7 24112	20.99 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.17 0.93 0.00	15.61 0.79 0.00	20.26 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.55 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.38 0.00	27.63 1.71 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.83 0.00	24.05 1.55 0.00	23.58 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT1_8 24113	20.99 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.17 0.93 0.00	15.61 0.79 0.00	20.26 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.55 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.38 0.00	27.63 1.71 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.83 0.00	24.05 1.55 0.00	23.58 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT2_1 24114	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT2_2 24115	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT2_3 24116	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00

GOWANUS_GT2_4 24117	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT2_5 24118	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT2_6 24119	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT2_7 24120	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT2_8 24121	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT3_1 24122	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT3_2 24123	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT3_3 24124	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT3_4 24125	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT3_5 24126	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT3_6 24127	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT3_7 24128	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT3_8 24129	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT4_1 24130	20.99 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.17 0.93 0.00	15.61 0.79 0.00	20.26 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.55 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.38 0.00	27.63 1.71 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.83 0.00	24.05 1.55 0.00	23.58 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT4_2 24131	20.99 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.17 0.93 0.00	15.61 0.79 0.00	20.26 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.55 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.38 0.00	27.63 1.71 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.83 0.00	24.05 1.55 0.00	23.58 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00

GOWANUS_GT4_3 24132	20.99 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.17 0.93 0.00	15.61 0.79 0.00	20.26 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.55 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.38 0.00	27.63 1.71 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.83 0.00	24.05 1.55 0.00	23.58 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT4_4 24133	20.99 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.17 0.93 0.00	15.61 0.79 0.00	20.26 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.55 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.38 0.00	27.63 1.71 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.83 0.00	24.05 1.55 0.00	23.58 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT4_5 24134	20.99 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.17 0.93 0.00	15.61 0.79 0.00	20.26 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.55 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.38 0.00	27.63 1.71 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.83 0.00	24.05 1.55 0.00	23.58 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT4_6 24135	20.99 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.17 0.93 0.00	15.61 0.79 0.00	20.26 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.55 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.38 0.00	27.63 1.71 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.83 0.00	24.05 1.55 0.00	23.58 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT4_7 24136	20.99 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.17 0.93 0.00	15.61 0.79 0.00	20.26 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.55 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.38 0.00	27.63 1.71 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.83 0.00	24.05 1.55 0.00	23.58 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GOWANUS_GT4_8 24137	20.99 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.17 0.93 0.00	15.61 0.79 0.00	20.26 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.55 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.38 0.00	27.63 1.71 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.83 0.00	24.05 1.55 0.00	23.58 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GREENBSH_115KV_TB3 55895	20.61 0.75 0.00	17.91 0.67 0.00	18.73 0.73 0.00	17.95 0.70 0.00	15.43 0.60 0.00	19.98 0.72 0.00	29.47 1.04 0.00	27.49 0.94 0.00	23.33 0.83 0.00	28.79 0.94 0.00	20.21 0.57 0.00	19.93 0.45 0.00	19.95 0.49 0.00	21.20 0.56 0.00	23.12 0.66 0.00	26.74 0.82 0.00	48.86 1.39 0.00	43.06 1.28 0.00	31.17 0.93 0.00	28.83 0.83 0.00	23.15 0.65 0.00	22.66 0.62 0.00	21.82 0.62 0.00	25.38 0.70 0.00
GREENIDGE_115KV_TB5 80291	19.33 -0.53 0.00	16.74 -0.51 0.00	17.50 -0.50 0.00	16.68 -0.57 0.00	14.33 -0.49 0.00	18.88 -0.37 0.00	28.00 -0.44 0.00	26.10 -0.46 0.00	22.20 -0.31 0.00	27.50 -0.35 0.00	19.43 -0.21 0.00	19.43 -0.05 0.00	19.24 -0.22 0.00	20.44 -0.20 0.00	23.11 -0.30 -0.95	40.09 -0.52 -14.69	70.88 -0.55 -23.96	62.67 -0.63 -21.52	46.71 -0.41 -16.89	48.16 -0.37 -20.52	34.40 -0.42 -12.32	27.63 -0.36 -5.94	20.70 -0.50 0.00	24.20 -0.48 0.00
GREENIDGE___3 23582	19.33 -0.53 0.00	16.74 -0.51 0.00	17.50 -0.50 0.00	16.68 -0.57 0.00	14.33 -0.49 0.00	18.88 -0.37 0.00	28.00 -0.44 0.00	26.10 -0.46 0.00	22.20 -0.31 0.00	27.50 -0.35 0.00	19.43 -0.21 0.00	19.43 -0.05 0.00	19.24 -0.22 0.00	20.44 -0.20 0.00	23.11 -0.30 -0.95	40.09 -0.52 -14.69	70.88 -0.55 -23.96	62.67 -0.63 -21.52	46.71 -0.41 -16.89	48.16 -0.37 -20.52	34.40 -0.42 -12.32	27.63 -0.36 -5.94	20.70 -0.50 0.00	24.20 -0.48 0.00
GREENIDGE___4 23583	19.33 -0.54 0.00	16.74 -0.51 0.00	17.50 -0.50 0.00	16.68 -0.57 0.00	14.33 -0.49 0.00	18.88 -0.37 0.00	28.00 -0.44 0.00	26.10 -0.46 0.00	22.20 -0.31 0.00	27.50 -0.36 0.00	19.42 -0.21 0.00	19.43 -0.06 0.00	19.24 -0.22 0.00	20.44 -0.21 0.00	23.11 -0.30 -0.95	40.10 -0.51 -14.69	70.88 -0.55 -23.96	62.67 -0.63 -21.52	46.71 -0.41 -16.89	48.16 -0.37 -20.52	34.39 -0.42 -12.32	27.62 -0.37 -5.94	20.70 -0.50 0.00	24.20 -0.48 0.00
GREENLWN_69_KV_BK 3 55738	21.16 1.30 0.00	18.32 1.08 0.00	18.91 0.91 0.00	18.18 0.93 0.00	15.63 0.81 0.00	20.24 0.99 0.00	29.50 1.07 0.00	27.42 0.86 0.00	23.92 1.41 0.00	29.62 1.77 0.00	20.83 1.19 0.00	20.55 1.07 0.00	20.75 1.29 0.00	22.03 1.38 0.00	24.75 1.63 -0.66	31.27 1.99 -3.36	50.26 2.78 0.00	44.12 2.34 0.00	31.83 1.60 0.00	29.68 1.67 0.00	23.99 1.49 0.00	23.49 1.44 0.00	22.63 1.43 0.00	26.14 1.46 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.99 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.17 0.93 0.00	15.61 0.79 0.00	20.26 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.55 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.38 0.00	27.63 1.71 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.83 0.00	24.05 1.55 0.00	23.58 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
GRISSOM___SOLAR 323813	20.82 0.96 0.00	18.06 0.81 0.00	18.84 0.84 0.00	18.05 0.80 0.00	15.52 0.69 0.00	20.22 0.97 0.00	29.95 1.52 0.00	27.92 1.36 0.00	23.53 1.02 0.00	29.31 1.46 0.00	20.45 0.82 0.00	20.16 0.67 0.00	20.29 0.83 0.00	21.64 0.99 0.00	23.59 1.14 0.00	27.42 1.50 0.00	50.28 2.80 0.00	44.28 2.50 0.00	31.98 1.74 0.00	29.53 1.53 0.00	23.68 1.18 0.00	23.20 1.15 0.00	22.25 1.05 0.00	25.86 1.18 0.00
GROVEVILLE___HYD 323602	20.95 1.09 0.00	18.19 0.94 0.00	18.96 0.96 0.00	18.18 0.93 0.00	15.60 0.78 0.00	20.23 0.98 0.00	29.88 1.45 0.00	28.05 1.49 0.00	23.83 1.32 0.00	29.42 1.56 0.00	20.71 1.08 0.00	20.57 1.08 0.00	20.58 1.12 0.00	21.79 1.15 0.00	23.74 1.28 0.00	27.50 1.58 0.00	50.27 2.79 0.00	44.47 2.69 0.00	32.10 1.87 0.00	29.73 1.72 0.00	23.90 1.41 0.00	23.43 1.38 0.00	22.50 1.30 0.00	26.04 1.37 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.60 -0.26 0.00	17.01 -0.23 0.00	17.77 -0.23 0.00	17.01 -0.24 0.00	14.62 -0.20 0.00	19.05 -0.21 0.00	28.15 -0.28 0.00	26.29 -0.26 0.00	22.30 -0.21 0.00	27.64 -0.21 0.00	19.51 -0.12 0.00	19.41 -0.07 0.00	19.35 -0.11 0.00	20.52 -0.13 0.00	22.30 -0.15 0.00	25.72 -0.20 0.00	47.16 -0.32 0.00	41.49 -0.29 0.00	30.05 -0.19 0.00	27.81 -0.20 0.00	22.29 -0.21 0.00	21.82 -0.22 0.00	20.94 -0.26 0.00	24.39 -0.29 0.00

HAMLTNNY_34_KV_TB 80303	19.62 -0.24 0.00	17.02 -0.22 0.00	17.78 -0.22 0.00	17.02 -0.23 0.00	14.63 -0.19 0.00	19.06 -0.20 0.00	28.16 -0.27 0.00	26.29 -0.26 0.00	22.31 -0.20 0.00	27.68 -0.17 0.00	19.53 -0.11 0.00	19.46 -0.03 0.00	19.39 -0.07 0.00	20.55 -0.09 0.00	22.33 -0.12 0.00	25.73 -0.19 0.00	47.16 -0.32 0.00	41.52 -0.27 0.00	30.09 -0.14 0.00	27.85 -0.15 0.00	22.30 -0.20 0.00	21.85 -0.20 0.00	20.94 -0.26 0.00	24.43 -0.25 0.00
HAMPSHIRE___PAPER_HYD 323593	19.98 0.12 0.00	17.25 0.00 0.00	17.81 -0.20 0.00	14.55 -0.26 2.43	16.00 -0.18 -1.36	27.35 -0.09 -8.19	50.32 0.01 -21.88	47.73 0.11 -21.07	41.81 0.04 -19.27	49.28 -0.17 -21.60	37.81 0.11 -18.07	37.55 0.08 -17.99	37.54 0.11 -17.98	33.02 0.15 -12.22	27.41 0.38 -4.58	29.62 0.78 -2.93	67.94 2.37 -18.09	43.73 1.94 0.00	39.34 0.87 -8.25	50.46 0.68 -21.77	42.22 0.38 -19.34	41.32 0.15 -19.12	39.97 0.01 -18.75	43.41 -0.01 -18.75
HARDSCRABBLE_WT_PWR 323673	20.19 0.33 0.00	17.52 0.27 0.00	18.29 0.29 0.00	18.03 0.28 -0.51	15.03 0.20 0.00	19.52 0.27 0.00	28.73 0.30 0.00	26.79 0.23 0.00	22.65 0.14 0.00	28.16 0.31 0.00	19.65 0.02 0.00	19.37 -0.11 0.00	19.38 -0.08 0.00	20.62 -0.02 0.00	22.63 0.18 0.00	26.45 0.46 -0.07	48.14 0.66 0.00	42.48 0.70 0.00	30.69 0.46 0.00	28.16 0.15 0.00	22.52 0.02 0.00	22.05 0.01 0.00	21.21 0.01 0.00	24.56 -0.12 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.86 0.99 0.00	18.09 0.85 0.00	18.85 0.86 0.00	18.07 0.83 0.00	15.51 0.69 0.00	20.13 0.87 0.00	29.73 1.29 0.00	27.91 1.35 0.00	23.70 1.19 0.00	29.25 1.39 0.00	20.61 0.97 0.00	20.46 0.98 0.00	20.48 1.02 0.00	21.67 1.02 0.00	23.59 1.14 0.00	27.34 1.42 0.00	49.98 2.50 0.00	44.25 2.46 0.00	31.93 1.69 0.00	29.57 1.56 0.00	23.78 1.28 0.00	23.33 1.29 0.00	22.42 1.21 0.00	25.95 1.27 0.00
HARSNRAD_115KV_TB1 81005	18.36 -1.50 0.00	15.99 -1.26 0.00	16.68 -1.33 0.00	15.88 -1.37 0.00	13.66 -1.16 0.00	18.03 -1.23 0.00	26.70 -1.74 0.00	24.41 -2.15 0.00	20.34 -2.17 0.00	25.32 -2.53 0.00	17.95 -1.69 0.00	18.01 -1.47 0.00	17.78 -1.68 0.00	18.95 -1.70 0.00	19.91 -2.01 0.54	15.14 -2.43 8.35	28.92 -4.92 13.64	24.98 -4.55 12.25	17.62 -3.00 9.61	13.44 -2.89 11.68	13.49 -2.02 6.99	16.64 -2.03 3.37	19.25 -1.95 0.00	23.05 -1.63 0.00
HARZA MOOSE___RIVER 24016	19.82 -0.04 0.00	17.16 -0.09 0.00	17.84 -0.16 0.00	16.74 -0.16 0.35	15.08 -0.12 -0.38	21.47 -0.07 -2.28	34.50 -0.03 -6.09	32.47 0.05 -5.86	27.92 0.05 -5.37	33.91 0.04 -6.01	24.77 0.10 -5.03	24.61 0.12 -5.01	24.62 0.15 -5.01	24.26 0.21 -3.40	24.04 0.31 -1.28	27.35 0.57 -0.86	54.17 1.66 -5.04	43.03 1.25 0.00	32.96 0.43 -2.30	34.40 0.33 -6.06	28.02 0.14 -5.38	27.41 0.04 -5.32	26.38 -0.04 -5.22	29.81 -0.08 -5.22
HDSNBRDG_115KV_BRDG_TB1 355580	19.48 -0.38 0.00	16.92 -0.33 0.00	17.67 -0.33 0.00	16.92 -0.33 0.00	14.54 -0.28 0.00	18.94 -0.32 0.00	27.98 -0.46 0.00	26.12 -0.43 0.00	22.14 -0.37 0.00	27.41 -0.44 0.00	19.36 -0.28 0.00	19.26 -0.22 0.00	19.20 -0.26 0.00	20.37 -0.27 0.00	22.14 -0.31 0.00	25.52 -0.40 0.00	46.74 -0.74 0.00	41.08 -0.70 0.00	29.75 -0.48 0.00	27.53 -0.48 0.00	22.10 -0.40 0.00	21.65 -0.40 0.00	20.78 -0.42 0.00	24.21 -0.46 0.00
HELLGATE_13_KV_LD 55870	21.00 1.14 0.00	18.19 0.95 0.00	18.94 0.94 0.00	18.16 0.92 0.00	15.60 0.77 0.00	20.21 0.96 0.00	29.86 1.43 0.00	28.04 1.49 0.00	23.88 1.37 0.00	29.49 1.64 0.00	20.78 1.14 0.00	20.62 1.14 0.00	20.66 1.20 0.00	21.82 1.18 0.00	23.77 1.31 0.00	27.54 1.62 0.00	50.28 2.80 0.00	44.50 2.72 0.00	32.09 1.85 0.00	29.73 1.72 0.00	23.94 1.45 0.00	23.47 1.42 0.00	22.54 1.34 0.00	26.04 1.37 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.00 1.14 0.00	18.19 0.95 0.00	18.94 0.94 0.00	18.16 0.92 0.00	15.60 0.77 0.00	20.21 0.96 0.00	29.86 1.43 0.00	28.04 1.49 0.00	23.88 1.37 0.00	29.49 1.64 0.00	20.78 1.14 0.00	20.62 1.14 0.00	20.66 1.20 0.00	21.82 1.18 0.00	23.77 1.31 0.00	27.54 1.62 0.00	50.28 2.80 0.00	44.50 2.72 0.00	32.09 1.85 0.00	29.73 1.72 0.00	23.94 1.45 0.00	23.47 1.42 0.00	22.54 1.34 0.00	26.04 1.37 0.00
HEMPSTEAD____ 23647	21.10 1.24 0.00	18.27 1.03 0.00	18.91 0.91 0.00	18.16 0.91 0.00	15.61 0.79 0.00	20.22 0.97 0.00	29.61 1.18 0.00	27.65 1.10 0.00	23.93 1.42 0.00	29.61 1.76 0.00	20.83 1.19 0.00	20.59 1.10 0.00	20.73 1.27 0.00	21.96 1.32 0.00	24.66 1.54 -0.66	31.15 1.87 -3.36	50.31 2.83 0.00	44.29 2.51 0.00	31.94 1.71 0.00	29.70 1.70 0.00	23.98 1.48 0.00	23.49 1.44 0.00	22.61 1.41 0.00	26.12 1.44 0.00
HEWLETT_69_KV_BK3 55828	21.27 1.41 0.00	18.42 1.18 0.00	19.05 1.05 0.00	18.28 1.04 0.00	15.73 0.91 0.00	20.38 1.12 0.00	29.82 1.38 0.00	27.81 1.25 0.00	24.09 1.58 0.00	29.83 1.98 0.00	21.00 1.36 0.00	20.77 1.28 0.00	20.91 1.45 0.00	22.16 1.52 0.00	24.88 1.76 -0.66	31.42 2.13 -3.36	50.73 3.25 0.00	44.68 2.90 0.00	32.20 1.97 0.00	29.95 1.94 0.00	24.17 1.67 0.00	23.68 1.63 0.00	22.78 1.58 0.00	26.31 1.63 0.00
HICKLING___1 23621	19.22 -0.64 0.00	16.64 -0.61 0.00	17.42 -0.58 0.00	16.58 -0.67 0.00	14.22 -0.61 0.00	18.78 -0.48 0.00	27.80 -0.63 0.00	26.09 -0.46 0.00	22.08 -0.43 0.00	27.30 -0.56 0.00	19.26 -0.38 0.00	19.36 -0.13 0.00	19.12 -0.33 0.00	20.31 -0.34 0.00	22.31 -0.44 -0.29	29.81 -0.62 -4.51	54.03 -0.79 -7.35	47.43 -0.95 -6.60	34.83 -0.58 -5.18	33.88 -0.42 -6.29	25.73 -0.55 -3.78	23.41 -0.46 -1.82	20.60 -0.60 0.00	24.10 -0.57 0.00
HICKLING___2 23622	19.22 -0.64 0.00	16.64 -0.61 0.00	17.42 -0.58 0.00	16.58 -0.67 0.00	14.22 -0.61 0.00	18.78 -0.48 0.00	27.80 -0.63 0.00	26.09 -0.46 0.00	22.08 -0.43 0.00	27.30 -0.56 0.00	19.26 -0.38 0.00	19.36 -0.13 0.00	19.12 -0.33 0.00	20.31 -0.34 0.00	22.31 -0.44 -0.29	29.81 -0.62 -4.51	54.03 -0.79 -7.35	47.43 -0.95 -6.60	34.83 -0.58 -5.18	33.88 -0.42 -6.29	25.73 -0.55 -3.78	23.41 -0.46 -1.82	20.60 -0.60 0.00	24.10 -0.57 0.00
HIGH FALLS___HY 23754	20.82 0.96 0.00	18.07 0.82 0.00	18.84 0.84 0.00	18.06 0.81 0.00	15.50 0.67 0.00	20.10 0.84 0.00	29.67 1.23 0.00	27.88 1.32 0.00	23.72 1.22 0.00	29.22 1.36 0.00	20.56 0.92 0.00	20.34 0.86 0.00	20.39 0.93 0.00	21.60 0.95 0.00	23.53 1.08 0.00	27.26 1.34 0.00	49.94 2.46 0.00	44.27 2.49 0.00	31.95 1.72 0.00	29.60 1.60 0.00	23.81 1.32 0.00	23.35 1.31 0.00	22.41 1.21 0.00	25.93 1.25 0.00
HIGH_RIVER___SOLAR 323847	20.58 0.71 0.00	17.86 0.62 0.00	18.66 0.66 0.00	17.88 0.64 0.00	15.37 0.55 0.00	19.97 0.72 0.00	29.52 1.08 0.00	27.52 0.97 0.00	23.22 0.71 0.00	28.90 1.05 0.00	20.23 0.59 0.00	19.92 0.43 0.00	19.98 0.52 0.00	21.32 0.67 0.00	23.20 0.75 0.00	26.96 1.04 0.00	49.41 1.94 0.00	43.53 1.75 0.00	31.47 1.24 0.00	29.10 1.09 0.00	23.34 0.84 0.00	22.86 0.82 0.00	21.97 0.76 0.00	25.54 0.86 0.00

HILLBURN___GT 23639	20.84 0.97 0.00	18.08 0.83 0.00	18.84 0.84 0.00	18.06 0.81 0.00	15.50 0.68 0.00	20.10 0.85 0.00	29.69 1.26 0.00	27.89 1.34 0.00	23.69 1.19 0.00	29.24 1.39 0.00	20.61 0.97 0.00	20.46 0.97 0.00	20.47 1.01 0.00	21.66 1.01 0.00	23.56 1.11 0.00	27.28 1.37 0.00	49.85 2.37 0.00	44.13 2.34 0.00	31.83 1.60 0.00	29.49 1.48 0.00	23.74 1.24 0.00	23.31 1.27 0.00	22.41 1.20 0.00	25.94 1.27 0.00
HILLSIDE_115KV_TB1 80332	19.23 -0.63 0.00	16.66 -0.59 0.00	17.43 -0.57 0.00	16.60 -0.65 0.00	14.23 -0.60 0.00	18.76 -0.49 0.00	27.72 -0.71 0.00	26.06 -0.49 0.00	22.04 -0.47 0.00	27.23 -0.62 0.00	19.19 -0.45 0.00	19.30 -0.19 0.00	19.09 -0.37 0.00	20.27 -0.38 0.00	22.25 -0.46 -0.26	29.22 -0.68 -3.98	53.03 -0.93 -6.48	46.55 -1.06 -5.82	34.23 -0.58 -4.57	33.11 -0.45 -5.55	25.26 -0.57 -3.33	23.24 -0.42 -1.61	20.64 -0.56 0.00	24.12 -0.55 0.00
HISHELDN_WT_PWR 323625	18.26 -1.61 0.00	15.80 -1.45 0.00	16.54 -1.46 0.00	15.72 -1.53 0.00	13.49 -1.33 0.00	17.89 -1.37 0.00	26.55 -1.88 0.00	24.49 -2.07 0.00	20.53 -1.98 0.00	25.56 -2.30 0.00	18.14 -1.50 0.00	18.22 -1.26 0.00	17.93 -1.53 0.00	19.07 -1.58 0.00	18.75 -1.88 1.82	-4.47 -2.22 28.17	-2.64 -4.17 45.95	-3.33 -3.84 41.27	-4.75 -2.59 32.39	-13.69 -2.33 39.36	-2.98 -1.86 23.62	8.72 -1.93 11.39	19.29 -1.91 0.00	22.94 -1.74 0.00
HOLTSVILLE_IC_1 23690	21.20 1.34 0.00	18.34 1.09 0.00	18.89 0.89 0.00	18.18 0.93 0.00	15.62 0.80 0.00	20.23 0.97 0.00	29.41 0.97 0.00	27.31 0.75 0.00	23.95 1.44 0.00	29.62 1.76 0.00	20.80 1.16 0.00	20.48 0.99 0.00	20.73 1.27 0.00	22.03 1.39 0.00	24.76 1.65 -0.66	31.29 2.01 -3.36	50.17 2.70 0.00	44.02 2.24 0.00	31.81 1.57 0.00	29.73 1.72 0.00	24.10 1.61 0.00	23.56 1.51 0.00	22.71 1.51 0.00	26.23 1.55 0.00
HOLTSVILLE_IC_10 23699	21.28 1.42 0.00	18.41 1.16 0.00	18.95 0.95 0.00	18.25 1.00 0.00	15.67 0.85 0.00	20.30 1.04 0.00	29.52 1.09 0.00	27.40 0.84 0.00	24.05 1.55 0.00	29.75 1.90 0.00	20.87 1.23 0.00	20.54 1.05 0.00	20.81 1.36 0.00	22.13 1.49 0.00	24.88 1.76 -0.66	31.44 2.16 -3.36	50.48 3.00 0.00	44.30 2.52 0.00	32.01 1.78 0.00	29.91 1.91 0.00	24.25 1.76 0.00	23.69 1.64 0.00	22.82 1.62 0.00	26.34 1.66 0.00
HOLTSVILLE_IC_2 23691	21.20 1.34 0.00	18.34 1.09 0.00	18.89 0.89 0.00	18.18 0.93 0.00	15.62 0.80 0.00	20.23 0.97 0.00	29.41 0.97 0.00	27.31 0.75 0.00	23.95 1.44 0.00	29.62 1.76 0.00	20.80 1.16 0.00	20.48 0.99 0.00	20.73 1.27 0.00	22.03 1.39 0.00	24.76 1.65 -0.66	31.29 2.01 -3.36	50.17 2.70 0.00	44.02 2.24 0.00	31.81 1.57 0.00	29.73 1.72 0.00	24.10 1.61 0.00	23.56 1.51 0.00	22.71 1.51 0.00	26.23 1.55 0.00
HOLTSVILLE_IC_3 23692	21.20 1.34 0.00	18.34 1.09 0.00	18.89 0.89 0.00	18.18 0.93 0.00	15.62 0.80 0.00	20.23 0.97 0.00	29.41 0.97 0.00	27.31 0.75 0.00	23.95 1.44 0.00	29.62 1.76 0.00	20.80 1.16 0.00	20.48 0.99 0.00	20.73 1.27 0.00	22.03 1.39 0.00	24.76 1.65 -0.66	31.29 2.01 -3.36	50.17 2.70 0.00	44.02 2.24 0.00	31.81 1.57 0.00	29.73 1.72 0.00	24.10 1.61 0.00	23.56 1.51 0.00	22.71 1.51 0.00	26.23 1.55 0.00
HOLTSVILLE_IC_4 23693	21.20 1.34 0.00	18.34 1.09 0.00	18.89 0.89 0.00	18.18 0.93 0.00	15.62 0.80 0.00	20.23 0.97 0.00	29.41 0.97 0.00	27.31 0.75 0.00	23.95 1.44 0.00	29.62 1.76 0.00	20.80 1.16 0.00	20.48 0.99 0.00	20.73 1.27 0.00	22.03 1.39 0.00	24.76 1.65 -0.66	31.29 2.01 -3.36	50.17 2.70 0.00	44.02 2.24 0.00	31.81 1.57 0.00	29.73 1.72 0.00	24.10 1.61 0.00	23.56 1.51 0.00	22.71 1.51 0.00	26.23 1.55 0.00
HOLTSVILLE_IC_5 23694	21.20 1.34 0.00	18.34 1.09 0.00	18.89 0.89 0.00	18.18 0.93 0.00	15.62 0.80 0.00	20.23 0.97 0.00	29.41 0.97 0.00	27.31 0.75 0.00	23.95 1.44 0.00	29.62 1.76 0.00	20.80 1.16 0.00	20.48 0.99 0.00	20.73 1.27 0.00	22.03 1.39 0.00	24.76 1.65 -0.66	31.29 2.01 -3.36	50.17 2.70 0.00	44.02 2.24 0.00	31.81 1.57 0.00	29.73 1.72 0.00	24.10 1.61 0.00	23.56 1.51 0.00	22.71 1.51 0.00	26.23 1.55 0.00
HOLTSVILLE_IC_6 23695	21.28 1.42 0.00	18.41 1.16 0.00	18.95 0.95 0.00	18.25 1.00 0.00	15.67 0.85 0.00	20.30 1.04 0.00	29.52 1.09 0.00	27.40 0.84 0.00	24.05 1.55 0.00	29.75 1.90 0.00	20.87 1.23 0.00	20.54 1.05 0.00	20.81 1.36 0.00	22.13 1.49 0.00	24.88 1.76 -0.66	31.44 2.16 -3.36	50.48 3.00 0.00	44.30 2.52 0.00	32.01 1.78 0.00	29.91 1.91 0.00	24.25 1.76 0.00	23.69 1.64 0.00	22.82 1.62 0.00	26.34 1.66 0.00
HOLTSVILLE_IC_7 23696	21.28 1.42 0.00	18.41 1.16 0.00	18.95 0.95 0.00	18.25 1.00 0.00	15.67 0.85 0.00	20.30 1.04 0.00	29.52 1.09 0.00	27.40 0.84 0.00	24.05 1.55 0.00	29.75 1.90 0.00	20.87 1.23 0.00	20.54 1.05 0.00	20.81 1.36 0.00	22.13 1.49 0.00	24.88 1.76 -0.66	31.44 2.16 -3.36	50.48 3.00 0.00	44.30 2.52 0.00	32.01 1.78 0.00	29.91 1.91 0.00	24.25 1.76 0.00	23.69 1.64 0.00	22.82 1.62 0.00	26.34 1.66 0.00
HOLTSVILLE_IC_8 23697	21.28 1.42 0.00	18.41 1.16 0.00	18.95 0.95 0.00	18.25 1.00 0.00	15.67 0.85 0.00	20.30 1.04 0.00	29.52 1.09 0.00	27.40 0.84 0.00	24.05 1.55 0.00	29.75 1.90 0.00	20.87 1.23 0.00	20.54 1.05 0.00	20.81 1.36 0.00	22.13 1.49 0.00	24.88 1.76 -0.66	31.44 2.16 -3.36	50.48 3.00 0.00	44.30 2.52 0.00	32.01 1.78 0.00	29.91 1.91 0.00	24.25 1.76 0.00	23.69 1.64 0.00	22.82 1.62 0.00	26.34 1.66 0.00
HOLTSVILLE_IC_9 23698	21.28 1.42 0.00	18.41 1.16 0.00	18.95 0.95 0.00	18.25 1.00 0.00	15.67 0.85 0.00	20.30 1.04 0.00	29.52 1.09 0.00	27.40 0.84 0.00	24.05 1.55 0.00	29.75 1.90 0.00	20.87 1.23 0.00	20.54 1.05 0.00	20.81 1.36 0.00	22.13 1.49 0.00	24.88 1.76 -0.66	31.44 2.16 -3.36	50.48 3.00 0.00	44.30 2.52 0.00	32.01 1.78 0.00	29.91 1.91 0.00	24.25 1.76 0.00	23.69 1.64 0.00	22.82 1.62 0.00	26.34 1.66 0.00
HOMER_HL_115KV_TB2 355744	19.40 -0.46 0.00	16.81 -0.43 0.00	17.57 -0.43 0.00	16.77 -0.47 0.00	14.37 -0.45 0.00	18.93 -0.33 0.00	27.85 -0.58 0.00	25.88 -0.67 0.00	21.84 -0.67 0.00	27.17 -0.69 0.00	19.32 -0.31 0.00	19.47 -0.01 0.00	19.24 -0.22 0.00	20.47 -0.18 0.00	22.31 -0.34 -0.20	24.29 -0.59 1.04	42.19 -1.15 4.14	36.92 -1.15 3.72	26.68 -0.63 2.92	23.90 -0.56 3.55	20.00 -0.37 2.12	20.72 -0.30 1.02	20.84 -0.36 0.00	24.71 0.04 0.00
HOWARD_WT_PWR 323690	18.17 -1.69 0.00	15.63 -1.62 0.00	16.33 -1.67 0.00	15.42 -1.83 0.00	13.26 -1.56 0.00	17.83 -1.43 0.00	26.40 -2.03 0.00	24.79 -1.77 0.00	21.11 -1.40 0.00	26.18 -1.67 0.00	18.53 -1.11 0.00	18.48 -1.00 0.00	18.06 -1.40 0.00	19.20 -1.45 0.00	22.83 -1.71 -2.09	55.79 -1.66 -31.53	95.99 -2.43 -50.94	84.61 -2.93 -45.76	63.61 -2.54 -35.92	69.61 -2.04 -43.64	46.88 -1.81 -26.19	32.76 -1.93 -12.64	19.17 -2.04 0.00	22.50 -2.18 0.00

HQ_GEN_CEDARS 23644	20.39 0.52 0.00	17.61 0.36 0.00	18.11 0.11 -0.01	13.50 0.00 3.75	16.88 0.05 -2.00	31.54 0.22 -12.06	61.23 0.55 -32.25	58.21 0.61 -31.04	51.30 0.39 -28.39	59.81 0.14 -31.82	46.63 0.36 -26.62	46.27 0.28 -26.50	46.25 0.30 -26.49	39.00 0.35 -18.00	29.87 0.67 -6.75	31.35 1.14 -4.29	77.11 2.99 -26.65	44.42 2.64 0.00	43.88 1.50 -12.15	61.35 1.27 -32.08	51.84 0.84 -28.50	50.79 0.56 -28.18	49.22 0.38 -27.63	52.72 0.42 -27.62
HQ_GEN_CEDARS_PROXY 323590	20.39 0.53 0.00	17.61 0.36 0.00	18.11 0.11 -0.01	13.50 0.00 3.75	16.88 0.05 -2.00	31.54 0.22 -12.06	61.23 0.55 -32.25	58.21 0.61 -31.04	51.30 0.39 -28.39	59.81 0.14 -31.82	46.63 0.36 -26.62	46.27 0.28 -26.50	46.25 0.30 -26.49	39.00 0.35 -18.00	29.87 0.67 -6.75	31.35 1.14 -4.29	77.11 2.99 -26.65	44.42 2.64 0.00	43.89 1.50 -12.15	61.35 1.27 -32.08	51.84 0.84 -28.50	50.79 0.56 -28.18	49.22 0.38 -27.63	52.72 0.42 -27.62
HQ_GEN_IMPORT 323601	19.82 -0.04 0.00	17.19 -0.05 0.00	17.90 -0.10 0.00	15.70 -0.09 1.46	14.63 -0.07 0.12	18.67 -0.06 0.52	26.38 -0.07 1.99	24.56 -0.08 1.91	20.66 -0.10 1.75	25.79 -0.11 1.96	17.95 -0.05 1.64	17.81 -0.05 1.63	17.78 -0.05 1.63	19.48 -0.06 1.11	21.95 -0.09 0.42	25.28 -0.15 0.49	44.84 -0.16 2.48	41.61 -0.18 0.00	30.07 -0.13 0.04	25.95 -0.08 1.97	20.70 -0.04 1.75	20.27 -0.04 1.73	19.48 -0.02 1.70	22.98 0.00 1.70
HQ_GEN_WHEEL 23651	19.82 -0.04 0.00	17.19 -0.05 0.00	17.90 -0.10 0.00	15.70 -0.09 1.46	14.63 -0.07 0.12	18.67 -0.06 0.52	26.38 -0.07 1.99	24.56 -0.08 1.91	20.66 -0.10 1.75	25.79 -0.11 1.96	17.95 -0.05 1.64	17.81 -0.05 1.63	17.78 -0.05 1.63	19.48 -0.06 1.11	21.95 -0.09 0.42	25.28 -0.15 0.49	44.84 -0.16 2.48	41.61 -0.18 0.00	30.07 -0.13 0.04	25.95 -0.08 1.97	20.70 -0.04 1.75	20.27 -0.04 1.73	19.48 -0.02 1.70	22.98 0.00 1.70
HUDSON AVE_GT_3 23810	21.03 1.17 0.00	18.22 0.98 0.00	18.97 0.98 0.00	18.18 0.93 0.00	15.61 0.78 0.00	20.24 0.99 0.00	29.89 1.46 0.00	28.08 1.52 0.00	23.92 1.41 0.00	29.54 1.69 0.00	20.81 1.17 0.00	20.66 1.17 0.00	20.70 1.24 0.00	21.88 1.23 0.00	23.82 1.36 0.00	27.59 1.67 0.00	50.38 2.90 0.00	44.62 2.84 0.00	32.16 1.93 0.00	29.80 1.79 0.00	23.99 1.49 0.00	23.53 1.48 0.00	22.61 1.40 0.00	26.12 1.45 0.00
HUDSON AVE_GT_4 23540	21.03 1.17 0.00	18.22 0.98 0.00	18.97 0.98 0.00	18.18 0.93 0.00	15.61 0.78 0.00	20.24 0.99 0.00	29.89 1.46 0.00	28.08 1.52 0.00	23.92 1.41 0.00	29.54 1.69 0.00	20.81 1.17 0.00	20.66 1.17 0.00	20.70 1.24 0.00	21.88 1.23 0.00	23.82 1.36 0.00	27.59 1.67 0.00	50.38 2.90 0.00	44.62 2.84 0.00	32.16 1.93 0.00	29.80 1.79 0.00	23.99 1.49 0.00	23.53 1.48 0.00	22.61 1.40 0.00	26.12 1.45 0.00
HUDSON AVE_GT_5 23657	21.03 1.17 0.00	18.22 0.98 0.00	18.97 0.98 0.00	18.18 0.93 0.00	15.61 0.78 0.00	20.24 0.99 0.00	29.89 1.46 0.00	28.08 1.52 0.00	23.92 1.41 0.00	29.54 1.69 0.00	20.81 1.17 0.00	20.66 1.17 0.00	20.70 1.24 0.00	21.88 1.23 0.00	23.82 1.36 0.00	27.59 1.67 0.00	50.38 2.90 0.00	44.62 2.84 0.00	32.16 1.93 0.00	29.80 1.79 0.00	23.99 1.49 0.00	23.53 1.48 0.00	22.61 1.40 0.00	26.12 1.45 0.00
HUDSON_AVE_10 24168	20.95 1.09 0.00	18.16 0.92 0.00	18.90 0.90 0.00	18.11 0.86 0.00	15.55 0.72 0.00	20.16 0.90 0.00	29.77 1.34 0.00	27.96 1.40 0.00	23.81 1.31 0.00	29.42 1.56 0.00	20.70 1.07 0.00	20.56 1.07 0.00	20.59 1.14 0.00	21.77 1.12 0.00	23.70 1.24 0.00	27.46 1.54 0.00	50.17 2.69 0.00	44.47 2.68 0.00	32.05 1.81 0.00	29.68 1.67 0.00	23.89 1.39 0.00	23.43 1.39 0.00	22.53 1.33 0.00	26.03 1.35 0.00
HUDSON___115KV_TB 4 355613	20.92 1.06 0.00	18.18 0.93 0.00	19.01 1.01 0.00	18.22 0.97 0.00	15.66 0.84 0.00	20.31 1.05 0.00	30.02 1.59 0.00	28.01 1.46 0.00	23.65 1.15 0.00	29.09 1.24 0.00	20.44 0.81 0.00	20.22 0.73 0.00	20.27 0.81 0.00	21.55 0.91 0.00	23.54 1.09 0.00	27.25 1.33 0.00	49.92 2.44 0.00	44.00 2.22 0.00	31.86 1.63 0.00	29.45 1.44 0.00	23.60 1.10 0.00	23.06 1.01 0.00	22.16 0.96 0.00	25.77 1.09 0.00
HUNTER MOUNT___DRP 323613	21.02 1.16 0.00	18.27 1.02 0.00	19.10 1.10 0.00	18.32 1.07 0.00	15.75 0.92 0.00	20.43 1.18 0.00	30.22 1.78 0.00	28.18 1.63 0.00	23.74 1.24 0.00	29.18 1.33 0.00	20.50 0.86 0.00	20.27 0.78 0.00	20.34 0.88 0.00	21.64 0.99 0.00	23.66 1.20 0.00	27.39 1.47 0.00	50.19 2.72 0.00	44.23 2.45 0.00	32.03 1.80 0.00	29.58 1.57 0.00	23.68 1.18 0.00	23.12 1.08 0.00	22.21 1.01 0.00	25.84 1.16 0.00
HUNTINGTON_RES_REC 323705	21.21 1.35 0.00	18.35 1.10 0.00	18.91 0.91 0.00	18.19 0.94 0.00	15.64 0.81 0.00	20.26 1.00 0.00	29.49 1.06 0.00	27.39 0.83 0.00	23.97 1.46 0.00	29.67 1.81 0.00	20.82 1.18 0.00	20.52 1.03 0.00	20.75 1.29 0.00	22.05 1.40 0.00	24.78 1.67 -0.66	31.32 2.04 -3.36	50.31 2.84 0.00	44.18 2.40 0.00	31.89 1.66 0.00	29.77 1.76 0.00	24.09 1.60 0.00	23.56 1.52 0.00	22.69 1.49 0.00	26.21 1.53 0.00
HUNTLEY___63 23557	18.51 -1.36 0.00	16.09 -1.15 0.00	16.79 -1.21 0.00	15.99 -1.26 0.00	13.75 -1.07 0.00	18.16 -1.10 0.00	26.90 -1.53 0.00	24.62 -1.94 0.00	20.55 -1.96 0.00	25.60 -2.26 0.00	18.15 -1.49 0.00	18.21 -1.28 0.00	17.98 -1.49 0.00	19.17 -1.48 0.00	20.07 -1.80 0.58	14.68 -2.24 8.99	28.37 -4.43 14.68	24.48 -4.12 13.18	17.20 -2.69 10.34	12.83 -2.61 12.57	13.14 -1.82 7.54	16.57 -1.84 3.64	19.46 -1.75 0.00	23.26 -1.42 0.00
HUNTLEY___64 23558	18.51 -1.36 0.00	16.09 -1.15 0.00	16.79 -1.21 0.00	15.99 -1.26 0.00	13.75 -1.07 0.00	18.16 -1.10 0.00	26.90 -1.53 0.00	24.62 -1.94 0.00	20.55 -1.96 0.00	25.60 -2.26 0.00	18.15 -1.49 0.00	18.21 -1.28 0.00	17.98 -1.49 0.00	19.17 -1.48 0.00	20.07 -1.80 0.58	14.68 -2.24 8.99	28.37 -4.43 14.68	24.48 -4.12 13.18	17.20 -2.69 10.34	12.83 -2.61 12.57	13.14 -1.82 7.54	16.57 -1.84 3.64	19.46 -1.75 0.00	23.26 -1.42 0.00
HUNTLEY___65 23559	18.51 -1.36 0.00	16.09 -1.15 0.00	16.79 -1.21 0.00	15.99 -1.26 0.00	13.75 -1.07 0.00	18.16 -1.10 0.00	26.90 -1.53 0.00	24.62 -1.94 0.00	20.55 -1.96 0.00	25.60 -2.26 0.00	18.15 -1.49 0.00	18.21 -1.28 0.00	17.98 -1.49 0.00	19.17 -1.48 0.00	20.07 -1.80 0.58	14.68 -2.24 8.99	28.37 -4.43 14.68	24.48 -4.12 13.18	17.20 -2.69 10.34	12.83 -2.61 12.57	13.14 -1.82 7.54	16.57 -1.84 3.64	19.46 -1.75 0.00	23.26 -1.42 0.00
HUNTLEY___66 23560	18.51 -1.36 0.00	16.09 -1.15 0.00	16.79 -1.21 0.00	15.99 -1.26 0.00	13.75 -1.07 0.00	18.16 -1.10 0.00	26.90 -1.53 0.00	24.62 -1.94 0.00	20.55 -1.96 0.00	25.60 -2.26 0.00	18.15 -1.49 0.00	18.21 -1.28 0.00	17.98 -1.49 0.00	19.17 -1.48 0.00	20.07 -1.80 0.58	14.68 -2.24 8.99	28.37 -4.43 14.68	24.48 -4.12 13.18	17.20 -2.69 10.34	12.83 -2.61 12.57	13.14 -1.82 7.54	16.57 -1.84 3.64	19.46 -1.75 0.00	23.26 -1.42 0.00

HUNTLEY___67 23561	18.42 -1.44 0.00	16.01 -1.24 0.00	16.70 -1.30 0.00	15.91 -1.34 0.00	13.67 -1.15 0.00	18.04 -1.21 0.00	26.72 -1.71 0.00	24.46 -2.10 0.00	20.45 -2.06 0.00	25.47 -2.39 0.00	18.05 -1.58 0.00	18.12 -1.37 0.00	17.87 -1.59 0.00	19.05 -1.60 0.00	19.80 -1.92 0.73	12.84 -2.39 10.69	25.77 -4.63 17.07	22.14 -4.31 15.33	15.38 -2.82 12.04	10.67 -2.71 14.62	11.74 -1.98 8.78	15.83 -1.98 4.23	19.34 -1.86 0.00	23.10 -1.58 0.00
HUNTLEY___68 23562	18.42 -1.44 0.00	16.01 -1.24 0.00	16.70 -1.30 0.00	15.91 -1.34 0.00	13.67 -1.15 0.00	18.04 -1.21 0.00	26.72 -1.71 0.00	24.46 -2.10 0.00	20.45 -2.06 0.00	25.47 -2.39 0.00	18.05 -1.58 0.00	18.12 -1.37 0.00	17.87 -1.59 0.00	19.05 -1.60 0.00	19.80 -1.92 0.73	12.84 -2.39 10.69	25.77 -4.63 17.07	22.14 -4.31 15.33	15.38 -2.82 12.04	10.67 -2.71 14.62	11.74 -1.98 8.78	15.83 -1.98 4.23	19.34 -1.86 0.00	23.10 -1.58 0.00
HYLAND___LFGE 323620	19.40 -0.46 0.00	16.79 -0.45 0.00	17.55 -0.45 0.00	16.68 -0.57 0.00	14.34 -0.48 0.00	19.03 -0.22 0.00	28.30 -0.13 0.00	26.34 -0.22 0.00	22.27 -0.24 0.00	27.59 -0.26 0.00	19.49 -0.14 0.00	19.41 -0.08 0.00	19.10 -0.37 0.00	20.32 -0.32 0.00	24.34 -0.37 -2.26	60.44 -0.37 -34.89	103.97 -0.40 -56.89	92.45 -0.44 -51.10	70.08 -0.26 -40.11	76.48 -0.26 -48.74	51.49 -0.26 -29.25	35.72 -0.44 -14.11	20.68 -0.52 0.00	24.33 -0.35 0.00
INDECK___CORINTH 23802	20.54 0.68 0.00	17.85 0.60 0.00	18.64 0.64 0.00	17.89 0.64 0.00	15.39 0.56 0.00	20.04 0.78 0.00	29.61 1.18 0.00	27.61 1.06 0.00	23.45 0.95 0.00	29.16 1.31 0.00	20.34 0.70 0.00	20.00 0.51 0.00	20.01 0.55 0.00	21.33 0.68 0.00	23.29 0.84 0.00	26.97 1.05 0.00	49.45 1.97 0.00	43.55 1.77 0.00	31.58 1.35 0.00	29.19 1.18 0.00	23.29 0.79 0.00	22.74 0.70 0.00	22.00 0.80 0.00	25.59 0.91 0.00
INDECK___ILION 23567	20.10 0.24 0.00	17.46 0.21 0.00	18.24 0.24 0.00	17.99 0.23 -0.51	15.01 0.19 0.00	19.48 0.23 0.00	28.75 0.32 0.00	26.85 0.30 0.00	22.76 0.25 0.00	28.21 0.36 0.00	19.77 0.13 0.00	19.55 0.06 0.00	19.55 0.10 0.00	20.79 0.14 0.00	22.69 0.24 0.00	26.36 0.37 -0.07	48.06 0.58 0.00	42.36 0.57 0.00	30.64 0.41 0.00	28.30 0.29 0.00	22.69 0.19 0.00	22.22 0.18 0.00	21.37 0.16 0.00	24.79 0.12 0.00
INDECK___OLEAN 23982	19.39 -0.47 0.00	16.81 -0.43 0.00	17.57 -0.43 0.00	16.78 -0.47 0.00	14.35 -0.47 0.00	18.93 -0.33 0.00	27.85 -0.58 0.00	25.88 -0.67 0.00	21.82 -0.68 0.00	27.16 -0.69 0.00	19.32 -0.32 0.00	19.47 -0.02 0.00	19.24 -0.22 0.00	20.46 -0.18 0.00	22.32 -0.34 -0.20	24.33 -0.55 1.04	42.22 -1.12 4.14	36.95 -1.11 3.72	26.70 -0.62 2.92	23.94 -0.52 3.55	20.02 -0.35 2.12	20.72 -0.30 1.02	20.83 -0.38 0.00	24.71 0.03 0.00
INDECK___OSWEGO 23783	19.27 -0.59 0.00	16.73 -0.51 0.00	17.47 -0.53 0.00	16.73 -0.52 0.00	14.46 -0.45 -0.09	19.24 -0.55 -0.53	29.04 -0.82 -1.43	27.16 -0.77 -1.38	23.12 -0.65 -1.26	28.46 -0.81 -1.41	20.30 -0.53 -1.18	20.18 -0.48 -1.18	20.12 -0.51 -1.18	20.91 -0.53 -0.80	22.16 -0.59 -0.30	25.44 -0.69 -0.21	47.47 -1.19 -1.19	40.70 -1.09 0.00	29.97 -0.80 -0.54	28.67 -0.76 -1.43	23.13 -0.63 -1.27	22.64 -0.66 -1.25	21.78 -0.65 -1.23	25.15 -0.75 -1.23
INDECK___YERKES 23781	18.52 -1.34 0.00	16.11 -1.14 0.00	16.80 -1.20 0.00	16.01 -1.24 0.00	13.74 -1.09 0.00	18.18 -1.08 0.00	26.92 -1.51 0.00	24.64 -1.91 0.00	20.56 -1.95 0.00	25.61 -2.24 0.00	18.17 -1.47 0.00	18.22 -1.26 0.00	17.99 -1.47 0.00	19.18 -1.46 0.00	20.09 -1.78 0.58	14.76 -2.17 8.99	28.46 -4.35 14.68	24.56 -4.04 13.18	17.24 -2.65 10.34	12.90 -2.53 12.57	13.17 -1.79 7.54	16.58 -1.83 3.64	19.47 -1.74 0.00	23.28 -1.40 0.00
INDIAN POINT_GT_1 24139	20.83 0.97 0.00	18.07 0.83 0.00	18.83 0.83 0.00	18.05 0.80 0.00	15.49 0.67 0.00	20.09 0.83 0.00	29.65 1.22 0.00	27.85 1.29 0.00	23.68 1.18 0.00	29.24 1.38 0.00	20.59 0.96 0.00	20.43 0.95 0.00	20.47 1.01 0.00	21.64 0.99 0.00	23.55 1.10 0.00	27.29 1.37 0.00	49.85 2.37 0.00	44.12 2.33 0.00	31.82 1.58 0.00	29.48 1.47 0.00	23.72 1.23 0.00	23.28 1.23 0.00	22.38 1.18 0.00	25.90 1.23 0.00
INDIAN POINT_GT_2 23659	20.83 0.97 0.00	18.07 0.83 0.00	18.83 0.83 0.00	18.05 0.80 0.00	15.49 0.67 0.00	20.09 0.83 0.00	29.65 1.22 0.00	27.85 1.29 0.00	23.68 1.18 0.00	29.24 1.38 0.00	20.59 0.96 0.00	20.43 0.95 0.00	20.47 1.01 0.00	21.64 0.99 0.00	23.55 1.10 0.00	27.29 1.37 0.00	49.85 2.37 0.00	44.12 2.33 0.00	31.82 1.58 0.00	29.48 1.47 0.00	23.72 1.23 0.00	23.28 1.23 0.00	22.38 1.18 0.00	25.90 1.23 0.00
INDIAN POINT_GT_3 24019	20.83 0.97 0.00	18.07 0.83 0.00	18.83 0.83 0.00	18.05 0.80 0.00	15.49 0.67 0.00	20.09 0.83 0.00	29.65 1.22 0.00	27.85 1.29 0.00	23.68 1.18 0.00	29.24 1.38 0.00	20.59 0.96 0.00	20.43 0.95 0.00	20.47 1.01 0.00	21.64 0.99 0.00	23.55 1.10 0.00	27.29 1.37 0.00	49.85 2.37 0.00	44.12 2.33 0.00	31.82 1.58 0.00	29.48 1.47 0.00	23.72 1.23 0.00	23.28 1.23 0.00	22.38 1.18 0.00	25.90 1.23 0.00
INDIAN POINT___2 23530	20.82 0.96 0.00	18.06 0.82 0.00	18.82 0.82 0.00	18.04 0.79 0.00	15.49 0.66 0.00	20.08 0.82 0.00	29.64 1.21 0.00	27.84 1.28 0.00	23.67 1.16 0.00	29.21 1.36 0.00	20.58 0.94 0.00	20.42 0.94 0.00	20.45 0.99 0.00	21.63 0.98 0.00	23.53 1.08 0.00	27.26 1.34 0.00	49.78 2.30 0.00	44.06 2.28 0.00	31.79 1.55 0.00	29.44 1.44 0.00	23.70 1.21 0.00	23.27 1.22 0.00	22.37 1.17 0.00	25.89 1.22 0.00
INDIAN POINT___3 23531	20.82 0.95 0.00	18.06 0.81 0.00	18.82 0.82 0.00	18.05 0.80 0.00	15.49 0.66 0.00	20.08 0.82 0.00	29.64 1.21 0.00	27.84 1.28 0.00	23.66 1.16 0.00	29.21 1.35 0.00	20.58 0.95 0.00	20.42 0.94 0.00	20.45 0.99 0.00	21.62 0.97 0.00	23.53 1.08 0.00	27.26 1.34 0.00	49.77 2.29 0.00	44.04 2.26 0.00	31.78 1.55 0.00	29.44 1.44 0.00	23.70 1.21 0.00	23.25 1.21 0.00	22.36 1.16 0.00	25.89 1.21 0.00
INGHAM_C_115KV_TB7 356103	20.27 0.41 0.00	17.61 0.36 0.00	18.40 0.40 0.00	18.14 0.38 -0.51	15.14 0.31 0.00	19.64 0.39 0.00	28.95 0.51 0.00	27.01 0.45 0.00	22.88 0.37 0.00	28.44 0.58 0.00	19.76 0.13 0.00	19.44 -0.05 0.00	19.49 0.03 0.00	20.77 0.12 0.00	22.79 0.33 0.00	26.59 0.60 -0.07	48.34 0.87 0.00	42.70 0.91 0.00	30.90 0.66 0.00	28.42 0.42 0.00	22.73 0.23 0.00	22.26 0.22 0.00	21.41 0.21 0.00	24.79 0.11 0.00
IP CORINTH___1 23988	20.65 0.79 0.00	17.93 0.69 0.00	18.74 0.74 0.00	17.98 0.73 0.00	15.46 0.64 0.00	20.14 0.88 0.00	29.77 1.34 0.00	27.77 1.21 0.00	23.58 1.07 0.00	29.30 1.45 0.00	20.44 0.81 0.00	20.11 0.62 0.00	20.11 0.66 0.00	21.45 0.80 0.00	23.42 0.96 0.00	27.11 1.19 0.00	49.70 2.22 0.00	43.79 2.00 0.00	31.75 1.51 0.00	29.35 1.34 0.00	23.40 0.91 0.00	22.87 0.82 0.00	22.11 0.91 0.00	25.72 1.04 0.00

IP___TICONDEROGA 23804	21.34 1.48 0.00	18.52 1.28 0.00	19.29 1.30 0.00	18.59 1.34 0.00	15.98 1.16 0.00	21.05 1.80 0.00	31.32 2.88 0.00	29.13 2.58 0.00	24.84 2.33 0.00	30.82 2.97 0.00	21.12 1.48 0.00	20.88 1.39 0.00	20.90 1.44 0.00	22.45 1.81 0.00	24.61 2.16 0.00	28.52 2.60 0.00	52.55 5.08 0.00	46.01 4.23 0.00	33.55 3.32 0.00	30.98 2.98 0.00	24.42 1.92 0.00	23.83 1.79 0.00	23.05 1.85 0.00	27.00 2.32 0.00
ISLIP_RES_REC 323679	21.34 1.48 0.00	18.45 1.21 0.00	19.00 1.00 0.00	18.30 1.05 0.00	15.71 0.89 0.00	20.36 1.10 0.00	29.61 1.18 0.00	27.50 0.94 0.00	24.14 1.63 0.00	29.86 2.01 0.00	20.94 1.31 0.00	20.61 1.13 0.00	20.89 1.43 0.00	22.22 1.57 0.00	24.98 1.86 -0.66	31.56 2.28 -3.36	50.71 3.23 0.00	44.51 2.73 0.00	32.16 1.92 0.00	30.05 2.04 0.00	24.34 1.85 0.00	23.77 1.73 0.00	22.89 1.69 0.00	26.41 1.74 0.00
JAMAICA__27_KV_LOAD 355505	21.02 1.16 0.00	18.21 0.96 0.00	18.95 0.96 0.00	18.16 0.91 0.00	15.58 0.76 0.00	20.20 0.95 0.00	29.83 1.39 0.00	27.99 1.43 0.00	23.83 1.32 0.00	29.45 1.60 0.00	20.68 1.05 0.00	20.54 1.05 0.00	20.56 1.10 0.00	21.74 1.10 0.00	23.66 1.21 0.00	27.45 1.53 0.00	50.28 2.81 0.00	44.68 2.90 0.00	32.18 1.94 0.00	29.78 1.77 0.00	23.96 1.46 0.00	23.51 1.46 0.00	22.64 1.43 0.00	26.12 1.44 0.00
JANIS___SOLAR 323808	20.17 0.31 0.00	17.39 0.15 0.00	18.17 0.17 0.00	17.36 0.11 0.00	14.95 0.13 0.00	19.66 0.41 0.00	29.19 0.76 0.00	27.34 0.78 0.00	23.15 0.64 0.00	28.74 0.89 0.00	20.29 0.65 0.00	20.14 0.66 0.00	20.03 0.57 0.00	21.29 0.65 0.00	23.32 0.72 -0.15	29.04 0.81 -2.31	52.98 1.74 -3.76	46.89 1.73 -3.38	34.12 1.24 -2.65	32.16 0.93 -3.22	25.15 0.71 -1.93	23.57 0.59 -0.93	21.50 0.30 0.00	25.02 0.34 0.00
JARVIS____ 23743	19.92 0.06 0.00	17.31 0.07 0.00	18.07 0.07 0.00	17.84 0.08 -0.51	14.88 0.06 0.00	19.32 0.06 0.00	28.52 0.09 0.00	26.65 0.09 0.00	22.60 0.09 0.00	27.96 0.11 0.00	19.70 0.06 0.00	19.53 0.04 0.00	19.52 0.06 0.00	20.71 0.06 0.00	22.54 0.08 0.00	26.12 0.12 -0.07	47.68 0.20 0.00	41.95 0.17 0.00	30.35 0.12 0.00	28.09 0.09 0.00	22.56 0.07 0.00	22.11 0.06 0.00	21.26 0.06 0.00	24.73 0.05 0.00
JENNISON___1 23625	20.04 0.18 0.00	17.25 0.01 0.00	18.01 0.01 0.00	17.18 -0.07 0.00	14.79 -0.03 0.00	19.43 0.17 0.00	28.96 0.53 0.00	27.23 0.67 0.00	23.03 0.52 0.00	28.67 0.82 0.00	20.19 0.55 0.00	19.94 0.45 0.00	19.88 0.43 0.00	21.10 0.45 0.00	23.04 0.58 0.00	26.51 0.59 0.00	48.66 1.19 0.00	43.24 1.46 0.00	31.26 1.03 0.00	28.62 0.61 0.00	23.05 0.55 0.00	22.52 0.47 0.00	21.20 0.00 0.00	24.58 -0.10 0.00
JENNISON___2 23626	20.04 0.18 0.00	17.25 0.01 0.00	18.01 0.01 0.00	17.18 -0.07 0.00	14.79 -0.03 0.00	19.43 0.17 0.00	28.96 0.53 0.00	27.23 0.67 0.00	23.03 0.52 0.00	28.67 0.82 0.00	20.19 0.55 0.00	19.94 0.45 0.00	19.88 0.43 0.00	21.10 0.45 0.00	23.04 0.58 0.00	26.51 0.59 0.00	48.66 1.19 0.00	43.24 1.46 0.00	31.26 1.03 0.00	28.62 0.61 0.00	23.05 0.55 0.00	22.52 0.47 0.00	21.20 0.00 0.00	24.58 -0.10 0.00
JERICO_RISE_WT_PWR 323719	19.68 -0.18 0.00	16.96 -0.29 0.00	17.39 -0.60 0.01	8.44 -0.63 8.19	11.03 -0.54 3.25	-0.99 -0.65 19.60	-24.81 -0.85 52.39	-24.65 -0.79 50.42	-24.35 -0.73 46.12	-24.75 -0.92 51.69	-24.15 -0.54 43.24	-24.12 -0.55 43.05	-24.13 -0.56 43.03	-9.19 -0.59 29.24	10.92 -0.57 10.96	16.39 -0.63 8.90	3.17 -1.02 43.29	40.94 -0.84 0.00	9.85 -0.65 19.73	-24.77 -0.67 52.11	-24.33 -0.53 46.29	-24.30 -0.57 45.78	-24.24 -0.57 44.88	-20.75 -0.56 44.87
KATONAH__115KV_46KV_TB4 355592	20.93 1.07 0.00	18.16 0.92 0.00	18.93 0.93 0.00	18.14 0.90 0.00	15.57 0.75 0.00	20.19 0.94 0.00	29.81 1.38 0.00	28.00 1.44 0.00	23.83 1.33 0.00	29.43 1.57 0.00	20.72 1.08 0.00	20.57 1.08 0.00	20.59 1.13 0.00	21.78 1.13 0.00	23.71 1.26 0.00	27.47 1.55 0.00	50.18 2.70 0.00	44.42 2.64 0.00	32.06 1.83 0.00	29.69 1.69 0.00	23.88 1.38 0.00	23.40 1.36 0.00	22.48 1.28 0.00	26.02 1.35 0.00
KCE_NY_1 323755	20.81 0.95 0.00	18.08 0.83 0.00	18.89 0.89 0.00	18.11 0.86 0.00	15.57 0.76 0.00	20.23 0.97 0.00	29.90 1.46 0.00	27.86 1.31 0.00	23.64 1.13 0.00	29.31 1.46 0.00	20.53 0.90 0.00	20.25 0.76 0.00	20.26 0.79 0.00	21.58 0.93 0.00	23.55 1.10 0.00	27.26 1.33 0.00	49.90 2.43 0.00	43.98 2.19 0.00	31.84 1.61 0.00	29.44 1.44 0.00	23.58 1.08 0.00	23.05 1.00 0.00	22.20 1.00 0.00	25.83 1.15 0.00
KCE_NY_6_ESR 323823	18.62 -1.24 0.00	16.16 -1.08 0.00	16.86 -1.13 0.00	16.08 -1.17 0.00	13.78 -1.04 0.00	18.26 -1.00 0.00	27.02 -1.41 0.00	24.82 -1.74 0.00	20.78 -1.73 0.00	25.88 -1.97 0.00	18.37 -1.27 0.00	18.44 -1.05 0.00	18.17 -1.28 0.00	19.38 -1.27 0.00	20.19 -1.56 0.71	13.10 -1.90 10.92	25.93 -3.72 17.82	22.32 -3.46 16.01	15.44 -2.22 12.56	10.64 -2.10 15.27	11.79 -1.55 9.16	16.05 -1.59 4.41	19.67 -1.54 0.00	23.45 -1.23 0.00
KEDC_PORT_JEFF_GT2 24210	21.28 1.42 0.00	18.41 1.16 0.00	18.95 0.95 0.00	18.25 1.00 0.00	15.67 0.85 0.00	20.30 1.04 0.00	29.52 1.09 0.00	27.39 0.84 0.00	24.05 1.54 0.00	29.75 1.89 0.00	20.86 1.22 0.00	20.53 1.05 0.00	20.81 1.35 0.00	22.13 1.48 0.00	24.88 1.76 -0.66	31.43 2.15 -3.36	50.46 2.98 0.00	44.30 2.52 0.00	32.01 1.77 0.00	29.91 1.90 0.00	24.24 1.74 0.00	23.68 1.63 0.00	22.81 1.61 0.00	26.34 1.66 0.00
KEDC_PORT_JEFF_GT3 24211	21.28 1.42 0.00	18.41 1.16 0.00	18.95 0.95 0.00	18.25 1.00 0.00	15.67 0.85 0.00	20.30 1.04 0.00	29.52 1.09 0.00	27.39 0.84 0.00	24.05 1.54 0.00	29.75 1.89 0.00	20.86 1.22 0.00	20.53 1.05 0.00	20.81 1.35 0.00	22.13 1.48 0.00	24.88 1.76 -0.66	31.43 2.15 -3.36	50.46 2.98 0.00	44.30 2.52 0.00	32.01 1.77 0.00	29.91 1.90 0.00	24.24 1.74 0.00	23.68 1.63 0.00	22.81 1.61 0.00	26.34 1.66 0.00
KEDC_GLWD_GT4 24219	21.12 1.26 0.00	18.31 1.06 0.00	18.99 0.99 0.00	18.22 0.97 0.00	15.66 0.83 0.00	20.29 1.03 0.00	29.80 1.37 0.00	27.89 1.33 0.00	23.99 1.48 0.00	29.66 1.81 0.00	20.87 1.23 0.00	20.67 1.18 0.00	20.77 1.32 0.00	22.00 1.35 0.00	24.66 1.55 -0.66	31.15 1.87 -3.36	50.48 3.00 0.00	44.53 2.74 0.00	32.12 1.88 0.00	29.82 1.81 0.00	24.05 1.55 0.00	23.56 1.52 0.00	22.66 1.46 0.00	26.19 1.51 0.00
KEDC_GLWD_GT5 24220	21.12 1.26 0.00	18.31 1.06 0.00	18.99 0.99 0.00	18.22 0.97 0.00	15.66 0.83 0.00	20.29 1.03 0.00	29.80 1.37 0.00	27.89 1.33 0.00	23.99 1.48 0.00	29.66 1.81 0.00	20.87 1.23 0.00	20.67 1.18 0.00	20.77 1.32 0.00	22.00 1.35 0.00	24.66 1.55 -0.66	31.15 1.87 -3.36	50.48 3.00 0.00	44.53 2.74 0.00	32.12 1.88 0.00	29.82 1.81 0.00	24.05 1.55 0.00	23.56 1.52 0.00	22.66 1.46 0.00	26.19 1.51 0.00

KENSICO____ 23655	20.88 1.02 0.00	18.12 0.88 0.00	18.87 0.87 0.00	18.09 0.84 0.00	15.53 0.71 0.00	20.13 0.88 0.00	29.72 1.28 0.00	27.91 1.35 0.00	23.75 1.24 0.00	29.32 1.47 0.00	20.66 1.02 0.00	20.49 1.01 0.00	20.53 1.07 0.00	21.71 1.06 0.00	23.63 1.18 0.00	27.37 1.45 0.00	49.99 2.51 0.00	44.23 2.45 0.00	31.91 1.67 0.00	29.56 1.55 0.00	23.79 1.30 0.00	23.35 1.30 0.00	22.44 1.24 0.00	25.96 1.28 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.88 1.02 0.00	18.12 0.87 0.00	18.90 0.90 0.00	18.11 0.86 0.00	15.55 0.73 0.00	20.17 0.91 0.00	29.79 1.35 0.00	27.97 1.42 0.00	23.78 1.27 0.00	29.29 1.44 0.00	20.60 0.96 0.00	20.37 0.88 0.00	20.41 0.95 0.00	21.63 0.98 0.00	23.59 1.14 0.00	27.30 1.38 0.00	50.05 2.58 0.00	44.37 2.59 0.00	32.04 1.80 0.00	29.66 1.66 0.00	23.85 1.35 0.00	23.38 1.34 0.00	22.45 1.25 0.00	25.97 1.30 0.00
KIAC_JFK_GT1 23816	20.89 1.03 0.00	18.09 0.85 0.00	18.84 0.84 0.00	18.05 0.80 0.00	15.49 0.66 0.00	20.05 0.79 0.00	29.51 1.07 0.00	27.69 1.14 0.00	23.58 1.07 0.00	29.18 1.32 0.00	20.49 0.86 0.00	20.35 0.87 0.00	20.35 0.89 0.00	21.52 0.88 0.00	23.43 0.97 0.00	27.16 1.24 0.00	49.76 2.28 0.00	44.19 2.40 0.00	31.82 1.59 0.00	29.45 1.44 0.00	23.70 1.20 0.00	23.26 1.22 0.00	22.48 1.28 0.00	25.95 1.27 0.00
KIAC_JFK_GT2 23817	20.89 1.03 0.00	18.09 0.85 0.00	18.84 0.84 0.00	18.05 0.80 0.00	15.49 0.66 0.00	20.05 0.79 0.00	29.51 1.07 0.00	27.69 1.14 0.00	23.58 1.07 0.00	29.18 1.32 0.00	20.49 0.86 0.00	20.35 0.87 0.00	20.35 0.89 0.00	21.52 0.88 0.00	23.43 0.97 0.00	27.16 1.24 0.00	49.76 2.28 0.00	44.19 2.40 0.00	31.82 1.59 0.00	29.45 1.44 0.00	23.70 1.20 0.00	23.26 1.22 0.00	22.48 1.28 0.00	25.95 1.27 0.00
KIAC_JFK____ 323774	20.88 1.02 0.00	18.09 0.85 0.00	18.84 0.84 0.00	18.05 0.80 0.00	15.49 0.66 0.00	20.05 0.79 0.00	29.51 1.07 0.00	27.70 1.14 0.00	23.58 1.07 0.00	29.18 1.32 0.00	20.50 0.86 0.00	20.35 0.87 0.00	20.35 0.89 0.00	21.52 0.87 0.00	23.43 0.97 0.00	27.16 1.24 0.00	49.74 2.26 0.00	44.18 2.40 0.00	31.82 1.59 0.00	29.45 1.44 0.00	23.70 1.20 0.00	23.26 1.22 0.00	22.48 1.28 0.00	25.95 1.27 0.00
KINTIGH____ 23543	18.50 -1.36 0.00	16.09 -1.16 0.00	16.78 -1.22 0.00	16.01 -1.24 0.00	13.76 -1.07 0.00	18.08 -1.17 0.00	26.76 -1.67 0.00	24.59 -1.97 0.00	20.59 -1.92 0.00	25.62 -2.23 0.00	18.14 -1.50 0.00	18.18 -1.31 0.00	17.98 -1.48 0.00	19.15 -1.50 0.00	20.33 -1.78 0.34	18.44 -2.25 5.24	34.52 -4.42 8.54	30.00 -4.12 7.67	21.47 -2.74 6.02	18.03 -2.66 7.31	16.12 -1.98 4.39	17.96 -1.97 2.12	19.41 -1.80 0.00	23.06 -1.61 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	19.92 0.06 0.00	17.15 -0.09 0.00	17.58 -0.41 0.01	8.25 -0.46 8.54	11.36 -0.39 3.08	0.28 -0.43 18.55	-21.69 -0.54 49.58	-21.66 -0.49 47.73	-21.60 -0.46 43.66	-21.69 -0.61 48.93	-21.65 -0.36 40.93	-21.59 -0.33 40.75	-21.59 -0.32 40.73	-7.38 -0.35 27.68	11.78 -0.29 10.38	17.07 -0.31 8.54	6.05 -0.45 40.98	41.49 -0.29 0.00	11.30 -0.25 18.68	-21.63 -0.31 49.32	-21.60 -0.28 43.82	-21.63 -0.34 43.33	-21.63 -0.35 42.48	-18.10 -0.31 42.47
LACHUTE__HYDRO 323717	21.34 1.48 0.00	18.52 1.28 0.00	19.29 1.29 0.00	18.59 1.34 0.00	15.99 1.16 0.00	21.05 1.80 0.00	31.32 2.88 0.00	29.13 2.58 0.00	24.84 2.33 0.00	30.82 2.97 0.00	21.12 1.48 0.00	20.88 1.39 0.00	20.90 1.44 0.00	22.45 1.81 0.00	24.61 2.16 0.00	28.52 2.60 0.00	52.55 5.07 0.00	46.01 4.23 0.00	33.55 3.32 0.00	30.99 2.98 0.00	24.42 1.92 0.00	23.83 1.79 0.00	23.05 1.85 0.00	27.00 2.32 0.00
LAWRNCALV_115KV_TB1 80681	20.39 0.52 0.00	17.61 0.36 0.00	18.11 0.11 -0.01	13.50 0.00 3.75	16.88 0.05 -2.00	31.54 0.22 -12.06	61.23 0.55 -32.25	58.21 0.61 -31.04	51.30 0.39 -28.39	59.81 0.14 -31.82	46.63 0.36 -26.62	46.27 0.28 -26.50	46.25 0.30 -26.49	39.00 0.35 -18.00	29.87 0.67 -6.75	31.35 1.14 -4.29	77.11 2.99 -26.65	44.42 2.64 0.00	43.88 1.50 -12.15	61.35 1.27 -32.08	51.84 0.84 -28.50	50.79 0.56 -28.18	49.22 0.38 -27.63	52.72 0.42 -27.62
LEDERLE____ 23769	20.89 1.03 0.00	18.13 0.88 0.00	18.89 0.89 0.00	18.11 0.86 0.00	15.53 0.71 0.00	20.16 0.90 0.00	29.78 1.34 0.00	27.99 1.43 0.00	23.78 1.27 0.00	29.34 1.49 0.00	20.69 1.05 0.00	20.54 1.05 0.00	20.55 1.09 0.00	21.74 1.09 0.00	23.65 1.20 0.00	27.40 1.48 0.00	50.05 2.58 0.00	44.30 2.52 0.00	31.95 1.71 0.00	29.58 1.58 0.00	23.81 1.32 0.00	23.38 1.34 0.00	22.47 1.27 0.00	26.01 1.34 0.00
LIGHTRSE_115KV_TB6 355974	19.38 -0.49 0.00	16.79 -0.45 0.00	17.50 -0.51 0.00	16.45 -0.51 0.29	14.59 -0.45 -0.21	20.03 -0.51 -1.29	31.12 -0.75 -3.44	29.20 -0.67 -3.31	25.00 -0.54 -3.03	30.58 -0.67 -3.39	22.11 -0.36 -2.84	21.97 -0.34 -2.83	21.93 -0.35 -2.83	22.22 -0.35 -1.92	22.82 -0.35 -0.72	26.06 -0.34 -0.47	50.00 -0.32 -2.84	41.34 -0.44 0.00	31.02 -0.51 -1.30	30.92 -0.51 -3.42	25.11 -0.43 -3.04	24.54 -0.51 -3.00	23.63 -0.52 -2.95	27.00 -0.62 -2.95
LINDEN COGEN____ 23786	20.97 1.12 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.13 0.88 0.00	15.55 0.73 0.00	20.17 0.91 0.00	29.79 1.36 0.00	27.99 1.44 0.00	23.83 1.32 0.00	29.42 1.57 0.00	20.72 1.09 0.00	20.57 1.08 0.00	20.61 1.16 0.00	21.79 1.14 0.00	23.72 1.26 0.00	27.48 1.56 0.00	50.18 2.70 0.00	44.44 2.66 0.00	32.03 1.80 0.00	29.66 1.66 0.00	23.88 1.39 0.00	23.45 1.40 0.00	22.53 1.32 0.00	26.04 1.36 0.00
LINDHRST_69_KV_BK1 356055	21.36 1.50 0.00	18.48 1.24 0.00	19.07 1.07 0.00	18.33 1.08 0.00	15.77 0.94 0.00	20.43 1.17 0.00	29.79 1.36 0.00	27.75 1.19 0.00	24.21 1.70 0.00	29.97 2.11 0.00	21.04 1.40 0.00	20.76 1.27 0.00	20.95 1.49 0.00	22.22 1.57 0.00	24.96 1.85 -0.66	31.55 2.27 -3.36	50.75 3.27 0.00	44.62 2.83 0.00	32.20 1.97 0.00	30.05 2.04 0.00	24.30 1.80 0.00	23.76 1.72 0.00	22.89 1.69 0.00	26.44 1.76 0.00
LIPA_MISC_IPP 23656	21.22 1.36 0.00	18.35 1.10 0.00	18.86 0.86 0.00	18.19 0.94 0.00	15.60 0.77 0.00	20.20 0.95 0.00	29.36 0.92 0.00	27.18 0.63 0.00	23.93 1.42 0.00	29.59 1.74 0.00	20.69 1.05 0.00	20.34 0.86 0.00	20.68 1.22 0.00	22.03 1.39 0.00	24.76 1.65 -0.66	31.33 2.06 -3.36	50.28 2.80 0.00	44.11 2.33 0.00	31.87 1.63 0.00	29.83 1.83 0.00	24.21 1.71 0.00	23.64 1.59 0.00	22.74 1.54 0.00	26.25 1.57 0.00
LISF__SOLAR 323691	21.24 1.38 0.00	18.37 1.12 0.00	18.89 0.88 0.00	18.21 0.96 0.00	15.62 0.80 0.00	20.23 0.97 0.00	29.40 0.97 0.00	27.21 0.66 0.00	23.97 1.47 0.00	29.63 1.78 0.00	20.71 1.07 0.00	20.35 0.87 0.00	20.70 1.24 0.00	22.06 1.41 0.00	24.78 1.67 -0.66	31.37 2.09 -3.36	50.35 2.88 0.00	44.17 2.39 0.00	31.92 1.69 0.00	29.88 1.88 0.00	24.25 1.75 0.00	23.68 1.63 0.00	22.78 1.58 0.00	26.29 1.62 0.00

LITTLE FALLS___HYD 24013	20.27 0.41 0.00	17.61 0.36 0.00	18.40 0.40 0.00	18.14 0.38 -0.51	15.14 0.31 0.00	19.64 0.39 0.00	28.95 0.51 0.00	27.01 0.45 0.00	22.88 0.37 0.00	28.44 0.58 0.00	19.76 0.13 0.00	19.44 -0.05 0.00	19.49 0.03 0.00	20.77 0.12 0.00	22.79 0.33 0.00	26.59 0.60 -0.07	48.34 0.87 0.00	42.70 0.91 0.00	30.90 0.66 0.00	28.42 0.42 0.00	22.73 0.23 0.00	22.26 0.22 0.00	21.41 0.21 0.00	24.79 0.11 0.00
LITTLRIV_115KV_TB1 356100	20.76 0.90 0.00	17.96 0.71 0.00	18.47 0.46 -0.01	13.84 0.34 3.75	17.18 0.35 -2.00	31.96 0.64 -12.06	61.91 1.23 -32.25	58.84 1.24 -31.04	51.78 0.88 -28.39	60.24 0.57 -31.82	46.99 0.73 -26.62	46.59 0.60 -26.50	46.56 0.61 -26.49	39.33 0.68 -18.00	30.33 1.13 -6.75	31.94 1.73 -4.29	78.29 4.16 -26.65	45.52 3.74 0.00	44.70 2.31 -12.15	62.10 2.01 -32.08	52.39 1.39 -28.50	51.31 1.08 -28.18	49.67 0.84 -27.63	53.23 0.93 -27.62
LI_NEWBRDGE___DRP 323616	21.08 1.22 0.00	18.26 1.01 0.00	18.87 0.87 0.00	18.12 0.88 0.00	15.60 0.78 0.00	20.19 0.93 0.00	29.50 1.06 0.00	27.50 0.94 0.00	23.87 1.36 0.00	29.54 1.69 0.00	20.79 1.15 0.00	20.53 1.05 0.00	20.70 1.24 0.00	21.94 1.30 0.00	24.64 1.52 -0.66	31.14 1.86 -3.36	50.15 2.67 0.00	44.10 2.32 0.00	31.81 1.58 0.00	29.62 1.61 0.00	23.93 1.43 0.00	23.43 1.38 0.00	22.57 1.37 0.00	26.07 1.40 0.00
LOCKPORT_115KV_TB60_63_64 80432	18.37 -1.49 0.00	16.01 -1.24 0.00	16.69 -1.31 0.00	15.90 -1.35 0.00	13.68 -1.15 0.00	18.05 -1.20 0.00	26.73 -1.70 0.00	24.46 -2.10 0.00	20.36 -2.14 0.00	25.34 -2.51 0.00	17.96 -1.67 0.00	18.03 -1.45 0.00	17.79 -1.67 0.00	18.97 -1.68 0.00	19.97 -1.98 0.50	15.79 -2.37 7.76	29.92 -4.89 12.67	25.89 -4.51 11.38	18.33 -2.97 8.93	14.29 -2.86 10.85	14.03 -1.97 6.49	16.93 -1.99 3.13	19.28 -1.93 0.00	23.08 -1.59 0.00
LOCKPORT___CC1 323769	18.35 -1.51 0.00	15.99 -1.26 0.00	16.68 -1.33 0.00	15.88 -1.37 0.00	13.64 -1.19 0.00	18.03 -1.23 0.00	26.69 -1.74 0.00	24.41 -2.15 0.00	20.34 -2.17 0.00	25.32 -2.53 0.00	17.95 -1.69 0.00	18.01 -1.47 0.00	17.77 -1.69 0.00	18.94 -1.70 0.00	19.90 -2.01 0.54	15.19 -2.38 8.35	28.97 -4.88 13.64	25.03 -4.51 12.25	17.64 -2.98 9.61	13.49 -2.84 11.68	13.53 -1.97 6.99	16.66 -2.02 3.37	19.24 -1.96 0.00	23.05 -1.63 0.00
LOCKPORT___CC2 323770	18.35 -1.51 0.00	15.99 -1.26 0.00	16.68 -1.33 0.00	15.88 -1.37 0.00	13.64 -1.19 0.00	18.03 -1.23 0.00	26.69 -1.74 0.00	24.41 -2.15 0.00	20.34 -2.17 0.00	25.32 -2.53 0.00	17.95 -1.69 0.00	18.01 -1.47 0.00	17.77 -1.69 0.00	18.94 -1.70 0.00	19.90 -2.01 0.54	15.19 -2.38 8.35	28.97 -4.88 13.64	25.03 -4.51 12.25	17.64 -2.98 9.61	13.49 -2.84 11.68	13.53 -1.97 6.99	16.66 -2.02 3.37	19.24 -1.96 0.00	23.05 -1.63 0.00
LOCKPORT___CC3 323771	18.35 -1.51 0.00	15.99 -1.26 0.00	16.68 -1.33 0.00	15.88 -1.37 0.00	13.64 -1.19 0.00	18.03 -1.23 0.00	26.69 -1.74 0.00	24.41 -2.15 0.00	20.34 -2.17 0.00	25.32 -2.53 0.00	17.95 -1.69 0.00	18.01 -1.47 0.00	17.77 -1.69 0.00	18.94 -1.70 0.00	19.90 -2.01 0.54	15.19 -2.38 8.35	28.97 -4.88 13.64	25.03 -4.51 12.25	17.64 -2.98 9.61	13.49 -2.84 11.68	13.53 -1.97 6.99	16.66 -2.02 3.37	19.24 -1.96 0.00	23.05 -1.63 0.00
LONG_LAKE_PHOENIX 24014	19.36 -0.50 0.00	16.81 -0.44 0.00	17.55 -0.45 0.00	16.81 -0.44 0.00	14.44 -0.38 0.00	18.80 -0.45 0.00	27.77 -0.66 0.00	25.94 -0.62 0.00	21.99 -0.52 0.00	27.20 -0.65 0.00	19.22 -0.42 0.00	19.10 -0.38 0.00	19.05 -0.41 0.00	20.23 -0.42 0.00	21.98 -0.47 0.00	25.35 -0.58 0.00	46.46 -1.01 0.00	40.89 -0.90 0.00	29.59 -0.65 0.00	27.39 -0.62 0.00	21.98 -0.51 0.00	21.51 -0.54 0.00	20.66 -0.54 0.00	24.06 -0.61 0.00
LOVETT___3 23632	20.80 0.93 0.00	18.04 0.80 0.00	18.81 0.81 0.00	18.03 0.78 0.00	15.47 0.65 0.00	20.06 0.81 0.00	29.62 1.19 0.00	27.82 1.26 0.00	23.63 1.13 0.00	29.18 1.32 0.00	20.56 0.92 0.00	20.40 0.92 0.00	20.42 0.96 0.00	21.59 0.94 0.00	23.49 1.04 0.00	27.22 1.29 0.00	49.68 2.20 0.00	43.97 2.19 0.00	31.73 1.49 0.00	29.40 1.40 0.00	23.68 1.18 0.00	23.24 1.19 0.00	22.35 1.14 0.00	25.88 1.20 0.00
LOVETT___4 23642	20.80 0.93 0.00	18.04 0.80 0.00	18.81 0.81 0.00	18.03 0.78 0.00	15.47 0.65 0.00	20.06 0.81 0.00	29.62 1.19 0.00	27.82 1.26 0.00	23.63 1.13 0.00	29.18 1.32 0.00	20.56 0.92 0.00	20.40 0.92 0.00	20.42 0.96 0.00	21.59 0.94 0.00	23.49 1.04 0.00	27.22 1.29 0.00	49.68 2.20 0.00	43.97 2.19 0.00	31.73 1.49 0.00	29.40 1.40 0.00	23.68 1.18 0.00	23.24 1.19 0.00	22.35 1.14 0.00	25.88 1.20 0.00
LOVETT___5 23593	20.80 0.93 0.00	18.04 0.80 0.00	18.81 0.81 0.00	18.03 0.78 0.00	15.47 0.65 0.00	20.06 0.81 0.00	29.62 1.19 0.00	27.82 1.26 0.00	23.63 1.13 0.00	29.18 1.32 0.00	20.56 0.92 0.00	20.40 0.92 0.00	20.42 0.96 0.00	21.59 0.94 0.00	23.49 1.04 0.00	27.22 1.29 0.00	49.68 2.20 0.00	43.97 2.19 0.00	31.73 1.49 0.00	29.40 1.40 0.00	23.68 1.18 0.00	23.24 1.19 0.00	22.35 1.14 0.00	25.88 1.20 0.00
LOWER RAQUET___HYD 24057	20.39 0.53 0.00	17.61 0.36 0.00	18.11 0.11 -0.01	13.50 0.00 3.75	16.88 0.05 -2.00	31.54 0.22 -12.06	61.23 0.55 -32.25	58.21 0.61 -31.04	51.30 0.39 -28.39	59.81 0.14 -31.82	46.63 0.36 -26.62	46.27 0.28 -26.50	46.25 0.30 -26.49	39.00 0.35 -18.00	29.87 0.67 -6.75	31.35 1.14 -4.29	77.11 2.99 -26.65	44.42 2.64 0.00	43.89 1.50 -12.15	61.35 1.27 -32.08	51.84 0.84 -28.50	50.79 0.56 -28.18	49.22 0.38 -27.63	52.72 0.42 -27.62
LOWER___HUDSON 24059	20.67 0.81 0.00	17.96 0.72 0.00	18.78 0.77 0.00	18.00 0.75 0.00	15.46 0.64 0.00	20.05 0.79 0.00	29.59 1.15 0.00	27.57 1.01 0.00	23.43 0.92 0.00	28.95 1.10 0.00	20.29 0.65 0.00	20.02 0.54 0.00	20.03 0.57 0.00	21.33 0.69 0.00	23.29 0.84 0.00	26.95 1.03 0.00	49.22 1.75 0.00	43.38 1.59 0.00	31.42 1.18 0.00	29.06 1.05 0.00	23.31 0.81 0.00	22.80 0.76 0.00	21.97 0.77 0.00	25.57 0.89 0.00
LOWVILLE_115KV_TB2 356335	19.57 -0.29 0.00	16.91 -0.33 0.00	17.53 -0.47 0.00	15.98 -0.49 0.79	15.00 -0.39 -0.57	22.32 -0.38 -3.44	37.14 -0.49 -9.20	35.07 -0.34 -8.85	30.32 -0.28 -8.10	36.53 -0.40 -9.07	27.08 -0.15 -7.59	26.91 -0.13 -7.56	26.94 -0.08 -7.55	25.76 -0.02 -5.13	24.46 0.08 -1.92	27.61 0.43 -1.26	56.86 1.78 -7.60	43.03 1.25 0.00	33.87 0.17 -3.46	37.20 0.05 -9.15	30.50 -0.12 -8.13	29.81 -0.27 -8.04	28.73 -0.35 -7.88	32.12 -0.43 -7.88
LUTHERFT_115KV_GLOB_FND_222 355753	20.80 0.94 0.00	18.07 0.83 0.00	18.88 0.88 0.00	18.10 0.85 0.00	15.56 0.74 0.00	20.22 0.96 0.00	29.87 1.44 0.00	27.85 1.30 0.00	23.62 1.11 0.00	29.29 1.44 0.00	20.53 0.89 0.00	20.23 0.74 0.00	20.24 0.78 0.00	21.56 0.92 0.00	23.53 1.08 0.00	27.24 1.32 0.00	49.87 2.39 0.00	43.94 2.16 0.00	31.81 1.58 0.00	29.42 1.42 0.00	23.56 1.06 0.00	23.03 0.98 0.00	22.19 0.99 0.00	25.81 1.14 0.00

LUTHERNY_35_KV_BK2 355980	20.81 0.95 0.00	18.08 0.83 0.00	18.89 0.90 0.00	18.11 0.86 0.00	15.57 0.75 0.00	20.23 0.97 0.00	29.90 1.46 0.00	27.86 1.31 0.00	23.64 1.13 0.00	29.32 1.46 0.00	20.53 0.90 0.00	20.25 0.76 0.00	20.26 0.79 0.00	21.58 0.93 0.00	23.55 1.10 0.00	27.26 1.34 0.00	49.90 2.43 0.00	43.98 2.20 0.00	31.84 1.61 0.00	29.44 1.44 0.00	23.57 1.07 0.00	23.05 1.00 0.00	22.20 1.00 0.00	25.83 1.15 0.00
LWR___OSWEGATCHIE_HYD 23850	19.98 0.12 0.00	17.25 0.00 0.00	17.81 -0.19 0.00	14.56 -0.26 2.43	16.00 -0.18 -1.36	27.35 -0.09 -8.19	50.32 0.01 -21.88	47.73 0.11 -21.07	41.81 0.04 -19.27	49.28 -0.17 -21.60	37.81 0.11 -18.07	37.55 0.08 -17.99	37.55 0.11 -17.98	33.02 0.16 -12.22	27.41 0.38 -4.58	29.62 0.78 -2.93	67.94 2.37 -18.09	43.73 1.94 0.00	39.34 0.86 -8.25	50.46 0.69 -21.77	42.22 0.38 -19.34	41.32 0.15 -19.12	39.97 0.01 -18.75	43.41 -0.01 -18.75
LYONS_FALL_HYD 23570	19.82 -0.04 0.00	17.16 -0.09 0.00	17.84 -0.17 0.00	16.74 -0.16 0.35	15.08 -0.12 -0.38	21.47 -0.07 -2.28	34.50 -0.03 -6.09	32.47 0.05 -5.86	27.92 0.05 -5.37	33.91 0.04 -6.01	24.77 0.10 -5.03	24.61 0.12 -5.01	24.62 0.15 -5.01	24.26 0.21 -3.40	24.04 0.31 -1.28	27.35 0.57 -0.86	54.17 1.65 -5.04	43.03 1.25 0.00	32.96 0.43 -2.30	34.39 0.33 -6.06	28.02 0.14 -5.38	27.41 0.04 -5.32	26.38 -0.04 -5.22	29.81 -0.08 -5.22
MADISON___COUNTY_LFGE 323628	20.13 0.27 0.00	17.46 0.22 0.00	18.25 0.25 0.00	17.51 0.26 0.00	15.19 0.25 -0.11	20.35 0.41 -0.69	30.96 0.69 -1.84	29.01 0.69 -1.77	24.69 0.57 -1.62	30.42 0.75 -1.82	21.69 0.53 -1.52	21.54 0.54 -1.51	21.50 0.53 -1.51	22.27 0.59 -1.03	23.56 0.72 -0.38	27.05 0.86 -0.27	50.67 1.67 -1.52	43.05 1.27 0.00	31.76 0.84 -0.69	30.56 0.73 -1.83	24.63 0.51 -1.63	24.11 0.46 -1.61	23.15 0.38 -1.58	26.63 0.37 -1.58
MALONE___115KV_TB1 356076	20.07 0.21 0.00	17.30 0.05 0.00	17.77 -0.24 -0.01	9.87 -0.30 7.07	18.21 -0.24 -3.63	40.93 -0.22 -21.89	86.79 -0.16 -58.52	82.80 -0.09 -56.32	73.87 -0.16 -51.52	85.32 -0.27 -57.75	67.90 -0.05 -48.31	67.51 -0.07 -48.09	67.44 -0.08 -48.06	53.24 -0.07 -32.67	34.74 0.04 -12.24	33.84 0.17 -7.74	96.48 0.64 -48.36	42.42 0.64 0.00	52.62 0.34 -22.05	86.44 0.23 -58.21	74.35 0.14 -51.72	73.20 0.01 -51.14	71.28 -0.06 -50.14	74.77 -0.02 -50.12
MAPLEWOD_115KV_TB3 80458	20.71 0.85 0.00	18.00 0.75 0.00	18.81 0.81 0.00	18.03 0.78 0.00	15.49 0.67 0.00	20.07 0.82 0.00	29.62 1.19 0.00	27.62 1.07 0.00	23.45 0.95 0.00	28.98 1.13 0.00	20.35 0.71 0.00	20.08 0.59 0.00	20.09 0.63 0.00	21.37 0.72 0.00	23.31 0.86 0.00	26.97 1.05 0.00	49.27 1.80 0.00	43.43 1.65 0.00	31.43 1.20 0.00	29.08 1.08 0.00	23.34 0.85 0.00	22.84 0.79 0.00	21.98 0.78 0.00	25.56 0.89 0.00
MAPLE_RIDGE_WT_1 323574	-0.48 -0.72 19.62	16.66 -0.59 0.00	-10.50 -0.71 27.78	-39.00 -0.68 55.57	-39.00 -0.58 53.24	-39.00 -0.73 57.53	-39.00 -1.05 66.39	3.65 -0.93 21.98	20.20 -0.77 1.54	25.21 -0.91 1.73	17.60 -0.59 1.44	17.49 -0.56 1.44	17.44 -0.58 1.44	19.08 -0.59 0.98	21.37 -0.72 0.37	23.25 -0.58 2.09	45.48 -0.56 1.45	41.07 -0.71 0.00	28.61 -0.96 0.66	0.23 -0.98 26.80	-39.00 -0.81 60.68	5.21 -0.77 16.06	-9.92 -0.74 30.38	1.38 -0.82 22.48
MAPLE_RIDGE_WT_2 323611	-0.48 -0.72 19.62	16.66 -0.59 0.00	-10.50 -0.71 27.78	-39.00 -0.68 55.57	-39.00 -0.58 53.24	-39.00 -0.73 57.53	-39.00 -1.05 66.39	3.65 -0.93 21.98	20.20 -0.77 1.54	25.21 -0.91 1.73	17.60 -0.59 1.44	17.49 -0.56 1.44	17.44 -0.58 1.44	19.08 -0.59 0.98	21.37 -0.72 0.37	23.25 -0.58 2.09	45.48 -0.56 1.45	41.07 -0.71 0.00	28.61 -0.96 0.66	0.23 -0.98 26.80	-39.00 -0.81 60.68	5.21 -0.77 16.06	-9.92 -0.74 30.38	1.38 -0.82 22.48
MARBLE_RIVER_WT_PWR 323696	19.70 -0.16 0.00	16.97 -0.28 0.00	17.42 -0.58 0.01	7.97 -0.61 8.66	11.28 -0.53 3.02	0.43 -0.64 18.18	-21.00 -0.83 48.61	-21.00 -0.77 46.79	-21.00 -0.71 42.80	-21.00 -0.89 47.96	-21.00 -0.51 40.12	-21.00 -0.54 39.94	-21.00 -0.54 39.93	-7.07 -0.58 27.14	11.72 -0.56 10.17	16.89 -0.62 8.41	6.29 -1.03 40.17	40.92 -0.86 0.00	11.27 -0.66 18.31	-21.00 -0.66 48.35	-21.00 -0.54 42.96	-21.00 -0.57 42.48	-21.00 -0.56 41.64	-17.52 -0.56 41.63
MARSHVLE_115KV_TB1 80742	20.71 0.85 0.00	17.94 0.70 0.00	18.71 0.70 0.00	17.92 0.67 0.00	15.38 0.56 0.00	20.09 0.83 0.00	29.77 1.33 0.00	27.75 1.19 0.00	23.35 0.84 0.00	29.08 1.23 0.00	20.53 0.90 0.00	20.31 0.83 0.00	20.37 0.91 0.00	21.66 1.01 0.00	23.52 1.07 0.00	27.28 1.35 0.00	49.98 2.51 0.00	43.98 2.20 0.00	31.73 1.50 0.00	29.25 1.25 0.00	23.50 1.00 0.00	23.07 1.03 0.00	22.12 0.91 0.00	25.71 1.04 0.00
MARSH_HILL_WT_PWR 323713	18.15 -1.71 0.00	15.62 -1.63 0.00	16.33 -1.67 0.00	15.44 -1.81 0.00	13.26 -1.56 0.00	17.82 -1.44 0.00	26.40 -2.04 0.00	24.80 -1.75 0.00	21.11 -1.40 0.00	26.18 -1.68 0.00	18.50 -1.13 0.00	18.48 -1.00 0.00	18.06 -1.40 0.00	19.19 -1.45 0.00	23.03 -1.70 -2.28	58.64 -1.68 -34.40	100.59 -2.47 -55.58	88.75 -2.96 -49.92	66.90 -2.52 -39.19	73.59 -2.03 -47.61	49.27 -1.81 -28.58	33.92 -1.91 -13.79	19.19 -2.02 0.00	22.51 -2.17 0.00
MCINTYRE_115KV_TB2 80467	21.06 1.20 0.00	18.23 0.99 0.00	18.74 0.73 -0.01	14.11 0.60 3.75	17.42 0.59 -2.00	32.29 0.98 -12.06	62.45 1.77 -32.25	59.33 1.73 -31.04	52.15 1.25 -28.39	60.51 0.83 -31.82	47.27 1.01 -26.62	46.77 0.79 -26.50	46.79 0.84 -26.49	39.54 0.89 -18.00	30.66 1.46 -6.75	32.37 2.16 -4.29	79.21 5.08 -26.65	46.40 4.62 0.00	45.34 2.95 -12.15	62.67 2.58 -32.08	52.83 1.83 -28.50	51.70 1.47 -28.18	50.02 1.19 -27.63	53.63 1.33 -27.62
MECO_____69_KV_BK1 80468	20.98 1.12 0.00	18.18 0.94 0.00	18.97 0.97 0.00	18.18 0.93 0.00	15.62 0.80 0.00	20.37 1.11 0.00	30.19 1.76 0.00	28.15 1.59 0.00	23.72 1.21 0.00	29.53 1.68 0.00	20.59 0.95 0.00	20.34 0.86 0.00	20.47 1.01 0.00	21.83 1.19 0.00	23.81 1.36 0.00	27.69 1.77 0.00	50.80 3.32 0.00	44.78 3.00 0.00	32.34 2.11 0.00	29.84 1.83 0.00	23.91 1.42 0.00	23.41 1.36 0.00	22.43 1.23 0.00	26.06 1.38 0.00
MENANDS___115KV_TB5 355628	20.66 0.80 0.00	17.96 0.71 0.00	18.77 0.77 0.00	17.99 0.74 0.00	15.46 0.64 0.00	20.03 0.77 0.00	29.55 1.11 0.00	27.55 0.99 0.00	23.39 0.89 0.00	28.89 1.03 0.00	20.27 0.63 0.00	20.00 0.51 0.00	20.02 0.56 0.00	21.28 0.63 0.00	23.21 0.76 0.00	26.85 0.93 0.00	49.06 1.58 0.00	43.22 1.44 0.00	31.29 1.05 0.00	28.94 0.94 0.00	23.24 0.74 0.00	22.74 0.69 0.00	21.90 0.70 0.00	25.47 0.80 0.00
MG INDUSTRY___DRP 24185	20.59 0.73 0.00	17.91 0.66 0.00	18.73 0.73 0.00	17.96 0.71 0.00	15.43 0.60 0.00	19.99 0.73 0.00	29.49 1.05 0.00	27.47 0.92 0.00	23.24 0.73 0.00	28.67 0.81 0.00	20.16 0.52 0.00	19.95 0.47 0.00	19.97 0.51 0.00	21.21 0.57 0.00	23.15 0.70 0.00	26.77 0.84 0.00	48.95 1.47 0.00	43.10 1.32 0.00	31.20 0.97 0.00	28.88 0.87 0.00	23.18 0.68 0.00	22.69 0.64 0.00	21.84 0.64 0.00	25.42 0.74 0.00

MID___OSWEGATCHIE_HYD 23849	19.98 0.12 0.00	17.25 0.00 0.00	17.81 -0.19 0.00	14.56 -0.26 2.43	16.00 -0.18 -1.36	27.35 -0.09 -8.19	50.32 0.01 -21.88	47.73 0.11 -21.07	41.81 0.04 -19.27	49.28 -0.17 -21.60	37.81 0.11 -18.07	37.55 0.08 -17.99	37.55 0.11 -17.98	33.02 0.16 -12.22	27.41 0.38 -4.58	29.62 0.78 -2.93	67.94 2.37 -18.09	43.73 1.94 0.00	39.34 0.86 -8.25	50.46 0.69 -21.77	42.22 0.38 -19.34	41.32 0.15 -19.12	39.97 0.01 -18.75	43.41 -0.01 -18.75
MID___RAQUETTE_HYD 23851	20.39 0.52 0.00	17.61 0.36 0.00	18.11 0.11 -0.01	13.50 0.00 3.75	16.88 0.05 -2.00	31.54 0.22 -12.06	61.23 0.55 -32.25	58.21 0.61 -31.04	51.30 0.39 -28.39	59.81 0.14 -31.82	46.63 0.36 -26.62	46.27 0.28 -26.50	46.25 0.30 -26.49	39.00 0.35 -18.00	29.87 0.67 -6.75	31.35 1.14 -4.29	77.11 2.99 -26.65	44.42 2.64 0.00	43.88 1.50 -12.15	61.35 1.27 -32.08	51.84 0.84 -28.50	50.79 0.56 -28.18	49.22 0.38 -27.63	52.72 0.42 -27.62
MILLIKEN___1 23584	19.92 0.06 0.00	17.26 0.02 0.00	18.04 0.04 0.00	17.26 0.01 0.00	14.83 0.01 0.00	19.37 0.11 0.00	28.67 0.23 0.00	26.81 0.26 0.00	22.76 0.25 0.00	28.26 0.40 0.00	19.94 0.30 0.00	19.84 0.36 0.00	19.77 0.31 0.00	20.96 0.31 0.00	22.94 0.32 -0.16	28.79 0.33 -2.54	52.38 0.76 -4.14	46.22 0.72 -3.72	33.72 0.56 -2.92	32.05 0.49 -3.55	24.92 0.29 -2.13	23.34 0.27 -1.03	21.31 0.10 0.00	24.81 0.14 0.00
MILLIKEN___2 23585	19.92 0.06 0.00	17.26 0.02 0.00	18.04 0.04 0.00	17.26 0.01 0.00	14.83 0.01 0.00	19.37 0.11 0.00	28.67 0.23 0.00	26.81 0.26 0.00	22.76 0.25 0.00	28.26 0.40 0.00	19.94 0.30 0.00	19.84 0.36 0.00	19.77 0.31 0.00	20.96 0.31 0.00	22.94 0.32 -0.16	28.79 0.33 -2.54	52.38 0.76 -4.14	46.22 0.72 -3.72	33.72 0.56 -2.92	32.05 0.49 -3.55	24.92 0.29 -2.13	23.34 0.27 -1.03	21.31 0.10 0.00	24.81 0.14 0.00
MILLIKEN___DIESEL 23629	19.92 0.06 0.00	17.26 0.02 0.00	18.04 0.04 0.00	17.26 0.01 0.00	14.83 0.01 0.00	19.37 0.11 0.00	28.67 0.23 0.00	26.81 0.26 0.00	22.76 0.25 0.00	28.26 0.40 0.00	19.94 0.30 0.00	19.84 0.36 0.00	19.77 0.31 0.00	20.96 0.31 0.00	22.94 0.32 -0.16	28.79 0.33 -2.54	52.38 0.76 -4.14	46.22 0.72 -3.72	33.72 0.56 -2.92	32.05 0.49 -3.55	24.92 0.29 -2.13	23.34 0.27 -1.03	21.31 0.10 0.00	24.81 0.14 0.00
MILLSEAT___LFGE 323607	18.76 -1.10 0.00	16.33 -0.92 0.00	17.03 -0.97 0.00	16.23 -1.02 0.00	13.94 -0.88 0.00	18.43 -0.83 0.00	27.32 -1.12 0.00	25.10 -1.45 0.00	20.97 -1.54 0.00	26.11 -1.74 0.00	18.47 -1.17 0.00	18.55 -0.94 0.00	18.33 -1.13 0.00	19.55 -1.10 0.00	20.71 -1.33 0.42	17.86 -1.59 6.47	33.54 -3.37 10.57	29.12 -3.17 9.49	20.73 -2.06 7.45	16.96 -1.99 9.05	15.74 -1.35 5.42	18.00 -1.44 2.61	19.77 -1.44 0.00	23.58 -1.10 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.84 0.98 0.00	18.08 0.83 0.00	18.84 0.84 0.00	18.07 0.82 0.00	15.50 0.68 0.00	20.10 0.85 0.00	29.67 1.24 0.00	27.87 1.31 0.00	23.70 1.20 0.00	29.26 1.41 0.00	20.62 0.98 0.00	20.45 0.97 0.00	20.49 1.03 0.00	21.66 1.02 0.00	23.58 1.13 0.00	27.32 1.40 0.00	49.87 2.39 0.00	44.14 2.36 0.00	31.85 1.61 0.00	29.50 1.49 0.00	23.75 1.25 0.00	23.29 1.24 0.00	22.39 1.19 0.00	25.92 1.24 0.00
MILLWOOD_13_KV_LOAD 356217	20.87 1.00 0.00	18.10 0.86 0.00	18.87 0.87 0.00	18.09 0.84 0.00	15.53 0.70 0.00	20.13 0.87 0.00	29.72 1.28 0.00	27.90 1.35 0.00	23.74 1.23 0.00	29.31 1.46 0.00	20.65 1.01 0.00	20.48 1.00 0.00	20.51 1.05 0.00	21.69 1.04 0.00	23.62 1.17 0.00	27.36 1.44 0.00	49.96 2.49 0.00	44.22 2.44 0.00	31.91 1.67 0.00	29.55 1.55 0.00	23.79 1.29 0.00	23.33 1.28 0.00	22.42 1.22 0.00	25.95 1.27 0.00
MODEL_CITY_ENERGY 24167	18.18 -1.68 0.00	15.86 -1.39 0.00	16.54 -1.46 0.00	15.76 -1.49 0.00	13.53 -1.29 0.00	17.88 -1.37 0.00	26.46 -1.97 0.00	24.19 -2.37 0.00	20.09 -2.42 0.00	25.01 -2.85 0.00	17.73 -1.91 0.00	17.79 -1.70 0.00	17.55 -1.91 0.00	18.71 -1.94 0.00	19.67 -2.26 0.53	15.10 -2.62 8.20	28.61 -5.47 13.40	24.71 -5.04 12.03	17.43 -3.36 9.45	13.34 -3.19 11.48	13.50 -2.14 6.85	16.55 -2.19 3.30	19.03 -2.18 0.00	22.84 -1.84 0.00
MODERN_LFGE___ 323580	18.18 -1.68 0.00	15.86 -1.39 0.00	16.54 -1.46 0.00	15.76 -1.49 0.00	13.53 -1.29 0.00	17.88 -1.37 0.00	26.46 -1.97 0.00	24.19 -2.37 0.00	20.09 -2.42 0.00	25.01 -2.85 0.00	17.73 -1.91 0.00	17.79 -1.70 0.00	17.55 -1.91 0.00	18.71 -1.94 0.00	19.67 -2.26 0.53	15.10 -2.62 8.20	28.61 -5.47 13.40	24.71 -5.04 12.03	17.43 -3.36 9.45	13.34 -3.19 11.48	13.50 -2.14 6.85	16.55 -2.19 3.30	19.03 -2.18 0.00	22.84 -1.84 0.00
MOHAWK_PAPER___DRP 24187	20.71 0.85 0.00	18.00 0.75 0.00	18.81 0.81 0.00	18.03 0.78 0.00	15.49 0.67 0.00	20.07 0.82 0.00	29.62 1.19 0.00	27.62 1.07 0.00	23.45 0.95 0.00	28.98 1.13 0.00	20.35 0.71 0.00	20.08 0.59 0.00	20.09 0.63 0.00	21.37 0.72 0.00	23.31 0.86 0.00	26.97 1.05 0.00	49.27 1.80 0.00	43.43 1.65 0.00	31.43 1.20 0.00	29.08 1.08 0.00	23.34 0.85 0.00	22.84 0.79 0.00	21.98 0.78 0.00	25.56 0.89 0.00
MOHICAN___35_KV_115KV_LD 80490	20.83 0.97 0.00	18.09 0.84 0.00	18.89 0.89 0.00	18.13 0.88 0.00	15.59 0.77 0.00	20.33 1.07 0.00	30.07 1.63 0.00	28.04 1.48 0.00	23.80 1.29 0.00	29.57 1.72 0.00	20.60 0.96 0.00	20.27 0.78 0.00	20.28 0.82 0.00	21.65 1.01 0.00	23.66 1.21 0.00	27.39 1.47 0.00	50.23 2.76 0.00	44.22 2.43 0.00	32.07 1.84 0.00	29.65 1.64 0.00	23.63 1.14 0.00	23.08 1.03 0.00	22.30 1.09 0.00	25.96 1.28 0.00
MONGAUP___HYD 23641	20.85 0.99 0.00	18.09 0.84 0.00	18.85 0.85 0.00	18.07 0.82 0.00	15.51 0.69 0.00	20.16 0.90 0.00	29.84 1.41 0.00	28.00 1.45 0.00	23.73 1.22 0.00	29.16 1.31 0.00	20.34 0.70 0.00	20.19 0.71 0.00	20.27 0.81 0.00	21.46 0.82 0.00	23.40 0.94 0.00	27.22 1.31 0.00	50.01 2.53 0.00	44.41 2.62 0.00	32.08 1.84 0.00	29.70 1.70 0.00	23.87 1.37 0.00	23.40 1.35 0.00	22.45 1.25 0.00	26.00 1.32 0.00
MONTAUK___DIESEL 23721	20.73 0.87 0.00	17.89 0.64 0.00	18.34 0.34 0.00	17.72 0.47 0.00	15.19 0.37 0.00	19.68 0.43 0.00	28.63 0.19 0.00	26.49 -0.07 0.00	23.42 0.91 0.00	28.96 1.11 0.00	20.15 0.51 0.00	19.78 0.29 0.00	20.16 0.70 0.00	21.53 0.88 0.00	24.25 1.14 -0.66	30.79 1.51 -3.36	49.42 1.94 0.00	43.67 1.89 0.00	31.72 1.48 0.00	29.67 1.66 0.00	24.29 1.79 0.00	23.70 1.65 0.00	22.42 1.22 0.00	25.85 1.17 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.16 -1.70 0.00	15.64 -1.60 0.00	16.51 -1.49 0.00	15.82 -1.43 0.00	13.59 -1.24 0.00	18.13 -1.13 0.00	26.83 -1.60 0.00	24.63 -1.93 0.00	20.81 -1.70 0.00	26.00 -1.85 0.00	18.45 -1.18 0.00	18.57 -0.92 0.00	18.22 -1.24 0.00	19.32 -1.33 0.00	18.49 -1.67 2.29	8.35 -2.20 15.37	30.23 -3.99 13.26	26.42 -3.45 11.91	18.81 -2.08 9.35	14.20 -2.45 11.36	13.86 -1.82 6.81	17.06 -1.70 3.29	19.54 -1.67 0.00	23.44 -1.24 0.00

MORRIS_RIDGE___SOLAR 323848	18.37 -1.49 0.00	15.87 -1.38 0.00	16.64 -1.36 0.00	15.79 -1.46 0.00	13.55 -1.28 0.00	17.99 -1.26 0.00	26.71 -1.72 0.00	24.87 -1.69 0.00	20.97 -1.54 0.00	26.01 -1.85 0.00	18.41 -1.23 0.00	18.48 -1.00 0.00	18.18 -1.28 0.00	19.31 -1.34 0.00	17.66 -1.58 3.22	-25.60 -1.82 49.70	-36.70 -3.14 81.04	-34.06 -3.05 72.79	-29.08 -2.18 57.14	-43.26 -1.84 69.43	-20.79 -1.62 41.66	0.28 -1.67 20.10	19.49 -1.71 0.00	23.00 -1.67 0.00
MORTIMER_115KV_TB3 55949	18.99 -0.87 0.00	16.49 -0.75 0.00	17.20 -0.80 0.00	16.43 -0.82 0.00	14.13 -0.69 0.00	18.52 -0.73 0.00	27.44 -0.99 0.00	25.37 -1.19 0.00	21.36 -1.15 0.00	26.55 -1.30 0.00	18.77 -0.87 0.00	18.77 -0.72 0.00	18.62 -0.84 0.00	19.82 -0.82 0.00	21.44 -1.01 0.00	24.63 -1.29 0.00	44.95 -2.53 0.00	39.43 -2.36 0.00	28.68 -1.56 0.00	26.45 -1.55 0.00	21.32 -1.18 0.00	20.83 -1.22 0.00	20.07 -1.13 0.00	23.66 -1.02 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.98 1.12 0.00	18.19 0.95 0.00	18.94 0.94 0.00	18.16 0.91 0.00	15.59 0.76 0.00	20.21 0.95 0.00	29.84 1.41 0.00	28.03 1.47 0.00	23.87 1.36 0.00	29.48 1.63 0.00	20.76 1.12 0.00	20.61 1.12 0.00	20.65 1.19 0.00	21.82 1.18 0.00	23.76 1.31 0.00	27.53 1.61 0.00	50.26 2.78 0.00	44.50 2.71 0.00	32.08 1.85 0.00	29.72 1.71 0.00	23.92 1.43 0.00	23.47 1.42 0.00	22.55 1.35 0.00	26.07 1.39 0.00
MUNSVILLE_WIND_PWR 323609	20.50 0.63 0.00	17.54 0.30 0.00	18.30 0.30 0.00	17.47 0.22 0.00	15.10 0.27 0.00	20.01 0.75 0.00	29.74 1.31 0.00	27.91 1.36 0.00	23.66 1.16 0.00	29.32 1.46 0.00	20.74 1.11 0.00	20.50 1.01 0.00	20.43 0.97 0.00	21.73 1.09 0.00	23.85 1.28 -0.11	29.10 1.41 -1.76	53.21 2.86 -2.88	47.25 2.89 -2.58	34.22 1.96 -2.03	31.85 1.38 -2.46	25.14 1.16 -1.48	23.71 0.95 -0.71	21.69 0.48 0.00	25.20 0.52 0.00
N SALMON___HYD 24042	20.07 0.21 0.00	17.30 0.05 0.00	17.77 -0.24 -0.01	9.88 -0.30 7.07	18.21 -0.24 -3.63	40.93 -0.22 -21.89	86.79 -0.16 -58.52	82.80 -0.09 -56.32	73.87 -0.16 -51.52	85.32 -0.27 -57.75	67.90 -0.05 -48.31	67.51 -0.07 -48.09	67.44 -0.08 -48.06	53.24 -0.07 -32.67	34.74 0.04 -12.24	33.83 0.17 -7.74	96.47 0.63 -48.36	42.42 0.64 0.00	52.62 0.34 -22.05	86.44 0.23 -58.21	74.35 0.13 -51.72	73.20 0.01 -51.14	71.28 -0.06 -50.14	74.77 -0.02 -50.12
N.AKRON__115KV_KNAPP 355671	18.65 -1.21 0.00	16.24 -1.00 0.00	16.94 -1.06 0.00	16.14 -1.11 0.00	13.89 -0.94 0.00	18.33 -0.93 0.00	27.18 -1.25 0.00	24.93 -1.63 0.00	20.81 -1.70 0.00	25.91 -1.94 0.00	18.33 -1.30 0.00	18.41 -1.07 0.00	18.18 -1.28 0.00	19.39 -1.26 0.00	20.50 -1.50 0.45	17.10 -1.84 6.98	32.24 -3.84 11.40	27.97 -3.58 10.24	19.88 -2.32 8.03	15.96 -2.28 9.76	15.11 -1.55 5.84	17.64 -1.59 2.82	19.64 -1.56 0.00	23.46 -1.22 0.00
N.BELMOR_69_KV_BK1 55787	21.22 1.35 0.00	18.37 1.12 0.00	18.99 0.99 0.00	18.23 0.98 0.00	15.68 0.86 0.00	20.31 1.06 0.00	29.71 1.28 0.00	27.72 1.16 0.00	24.04 1.53 0.00	29.76 1.91 0.00	20.92 1.29 0.00	20.67 1.18 0.00	20.83 1.37 0.00	22.07 1.42 0.00	24.78 1.66 -0.66	31.32 2.04 -3.36	50.54 3.06 0.00	44.48 2.70 0.00	32.08 1.85 0.00	29.86 1.85 0.00	24.10 1.61 0.00	23.60 1.56 0.00	22.73 1.53 0.00	26.25 1.57 0.00
N.E_GEN_SANDY PD 24062	23.42 0.87 -2.70	20.23 0.77 -2.22	19.67 0.83 -0.84	18.95 0.80 -0.90	18.87 0.68 -3.37	25.29 0.82 -5.21	33.30 1.18 -3.69	27.57 1.01 0.00	23.86 0.95 -0.40	29.11 1.10 -0.17	20.26 0.62 0.00	19.97 0.49 0.01	20.01 0.55 0.00	21.32 0.67 0.00	23.29 0.84 0.00	27.05 1.03 -0.10	46.67 1.67 2.48	44.61 1.54 -1.29	27.37 1.15 4.01	29.01 1.01 0.00	23.55 0.79 -0.26	22.79 0.75 0.00	21.99 0.79 0.00	25.61 0.93 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.83 0.97 0.00	18.08 0.83 0.00	18.84 0.84 0.00	18.06 0.81 0.00	15.49 0.67 0.00	20.10 0.84 0.00	29.68 1.24 0.00	27.87 1.32 0.00	23.68 1.17 0.00	29.22 1.37 0.00	20.60 0.97 0.00	20.44 0.96 0.00	20.47 1.01 0.00	21.64 0.99 0.00	23.55 1.10 0.00	27.28 1.36 0.00	49.82 2.34 0.00	44.08 2.30 0.00	31.80 1.57 0.00	29.47 1.46 0.00	23.72 1.23 0.00	23.29 1.24 0.00	22.39 1.19 0.00	25.93 1.25 0.00
N.QUEENS_27_KV_LOAD 356247	20.97 1.12 0.00	18.16 0.92 0.00	18.91 0.91 0.00	18.13 0.89 0.00	15.56 0.74 0.00	20.17 0.91 0.00	29.81 1.37 0.00	28.03 1.47 0.00	23.89 1.38 0.00	29.47 1.62 0.00	20.74 1.11 0.00	20.56 1.08 0.00	20.59 1.14 0.00	21.72 1.07 0.00	23.66 1.21 0.00	27.43 1.51 0.00	50.23 2.75 0.00	44.46 2.68 0.00	32.05 1.81 0.00	29.71 1.71 0.00	23.94 1.44 0.00	23.46 1.41 0.00	22.52 1.32 0.00	26.03 1.35 0.00
N.TROY___115KV_TB1 355778	20.67 0.81 0.00	17.96 0.72 0.00	18.78 0.78 0.00	18.00 0.75 0.00	15.46 0.64 0.00	20.05 0.79 0.00	29.59 1.15 0.00	27.57 1.02 0.00	23.43 0.92 0.00	28.95 1.10 0.00	20.29 0.65 0.00	20.02 0.53 0.00	20.03 0.57 0.00	21.33 0.69 0.00	23.29 0.84 0.00	26.95 1.03 0.00	49.22 1.75 0.00	43.38 1.60 0.00	31.41 1.18 0.00	29.06 1.05 0.00	23.31 0.81 0.00	22.80 0.75 0.00	21.97 0.77 0.00	25.57 0.89 0.00
NARROWS_GT1_1 24228	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
NARROWS_GT1_2 24229	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
NARROWS_GT1_3 24230	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
NARROWS_GT1_4 24231	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00

NARROWS_GT1_5 24232	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
NARROWS_GT1_6 24233	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
NARROWS_GT1_7 24234	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
NARROWS_GT1_8 24235	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
NARROWS_GT2_1 24236	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
NARROWS_GT2_2 24237	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
NARROWS_GT2_3 24238	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
NARROWS_GT2_4 24239	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
NARROWS_GT2_5 24240	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
NARROWS_GT2_6 24241	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
NARROWS_GT2_7 24242	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
NARROWS_GT2_8 24243	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.02 1.16 0.00	18.27 1.02 0.00	19.10 1.10 0.00	18.32 1.07 0.00	15.75 0.92 0.00	20.43 1.18 0.00	30.22 1.78 0.00	28.18 1.63 0.00	23.74 1.24 0.00	29.18 1.33 0.00	20.50 0.86 0.00	20.27 0.78 0.00	20.34 0.88 0.00	21.64 0.99 0.00	23.66 1.20 0.00	27.39 1.47 0.00	50.19 2.72 0.00	44.23 2.45 0.00	32.03 1.80 0.00	29.58 1.57 0.00	23.68 1.18 0.00	23.12 1.08 0.00	22.21 1.01 0.00	25.84 1.16 0.00
NCHELSEA_115KV_TR2 355582	20.92 1.06 0.00	18.16 0.92 0.00	18.93 0.93 0.00	18.16 0.91 0.00	15.59 0.76 0.00	20.20 0.95 0.00	29.83 1.40 0.00	28.00 1.44 0.00	23.80 1.29 0.00	29.36 1.51 0.00	20.68 1.05 0.00	20.53 1.05 0.00	20.55 1.09 0.00	21.76 1.11 0.00	23.70 1.25 0.00	27.46 1.54 0.00	50.18 2.70 0.00	44.39 2.61 0.00	32.05 1.82 0.00	29.69 1.68 0.00	23.87 1.37 0.00	23.39 1.35 0.00	22.47 1.27 0.00	26.01 1.34 0.00
NEG CAPITAL___MECHNVIL 23645	20.83 0.97 0.00	18.09 0.84 0.00	18.91 0.91 0.00	18.13 0.88 0.00	15.58 0.76 0.00	20.23 0.98 0.00	29.91 1.48 0.00	27.88 1.32 0.00	23.66 1.15 0.00	29.33 1.47 0.00	20.56 0.92 0.00	20.27 0.78 0.00	20.28 0.82 0.00	21.60 0.95 0.00	23.58 1.12 0.00	27.29 1.37 0.00	49.94 2.47 0.00	44.02 2.24 0.00	31.87 1.64 0.00	29.47 1.46 0.00	23.60 1.10 0.00	23.07 1.02 0.00	22.21 1.01 0.00	25.84 1.16 0.00

NEG CENTRAL_HIGH_ACRES 23767	18.78 -1.09 0.00	16.31 -0.94 0.00	17.02 -0.98 0.00	16.27 -0.98 0.00	13.98 -0.85 0.00	18.33 -0.93 0.00	27.16 -1.28 0.00	25.19 -1.36 0.00	21.30 -1.21 0.00	26.51 -1.35 0.00	18.72 -0.92 0.00	18.69 -0.80 0.00	18.58 -0.88 0.00	19.75 -0.90 0.00	21.39 -1.06 0.00	24.60 -1.32 0.00	45.00 -2.48 0.00	39.54 -2.24 0.00	28.69 -1.54 0.00	26.46 -1.55 0.00	21.27 -1.23 0.00	20.78 -1.27 0.00	19.98 -1.22 0.00	23.49 -1.19 0.00
NEG CENTRAL___DRP 24199	19.46 -0.40 0.00	16.87 -0.37 0.00	17.63 -0.37 0.00	16.85 -0.40 0.00	14.47 -0.35 0.00	18.96 -0.30 0.00	28.08 -0.35 0.00	26.21 -0.34 0.00	22.25 -0.26 0.00	27.60 -0.25 0.00	19.50 -0.14 0.00	19.46 -0.03 0.00	19.34 -0.12 0.00	20.52 -0.13 0.00	22.47 -0.19 -0.21	28.89 -0.32 -3.29	52.47 -0.37 -5.37	46.24 -0.36 -4.82	33.79 -0.22 -3.78	32.38 -0.22 -4.60	24.96 -0.29 -2.76	23.11 -0.27 -1.33	20.83 -0.37 0.00	24.32 -0.36 0.00
NEG CENTRAL___INDECK 23768	19.20 -0.66 0.00	16.62 -0.62 0.00	17.38 -0.62 0.00	16.53 -0.72 0.00	14.20 -0.62 0.00	18.81 -0.44 0.00	27.95 -0.49 0.00	25.99 -0.56 0.00	21.97 -0.54 0.00	27.26 -0.60 0.00	19.28 -0.35 0.00	19.25 -0.23 0.00	18.96 -0.49 0.00	20.21 -0.44 0.00	24.17 -0.56 -2.27	60.34 -0.63 -35.05	103.66 -0.97 -57.16	92.08 -1.04 -51.34	69.81 -0.73 -40.30	76.28 -0.69 -48.96	51.28 -0.61 -29.39	35.47 -0.75 -14.18	20.40 -0.80 0.00	24.02 -0.66 0.00
NEG CENTRAL___SENECA 23627	19.40 -0.47 0.00	16.80 -0.44 0.00	17.56 -0.44 0.00	16.76 -0.49 0.00	14.40 -0.43 0.00	18.94 -0.32 0.00	28.08 -0.35 0.00	26.20 -0.36 0.00	22.23 -0.28 0.00	27.56 -0.29 0.00	19.49 -0.14 0.00	19.49 0.00 0.00	19.32 -0.14 0.00	20.52 -0.13 0.00	22.58 -0.20 -0.33	30.71 -0.37 -5.17	55.56 -0.35 -8.43	48.94 -0.41 -7.57	35.93 -0.24 -5.94	34.98 -0.24 -7.22	26.52 -0.31 -4.33	23.85 -0.28 -2.09	20.79 -0.42 0.00	24.30 -0.38 0.00
NEG CENTRAL___STATE_STREET 24147	19.71 -0.15 0.00	17.11 -0.14 0.00	17.86 -0.14 0.00	17.10 -0.15 0.00	14.69 -0.13 0.00	19.13 -0.13 0.00	28.29 -0.14 0.00	26.41 -0.14 0.00	22.46 -0.05 0.00	27.98 0.13 0.00	19.74 0.10 0.00	19.63 0.15 0.00	19.58 0.13 0.00	20.71 0.06 0.00	22.58 0.03 -0.09	27.33 -0.02 -1.43	49.89 0.08 -2.33	44.07 0.20 -2.09	32.06 0.18 -1.64	30.15 0.15 -1.99	23.67 -0.03 -1.20	22.64 0.01 -0.58	21.08 -0.12 0.00	24.58 -0.09 0.00
NEG MILLWOOD___DRP 24198	21.00 1.14 0.00	18.22 0.97 0.00	18.98 0.98 0.00	18.20 0.95 0.00	15.63 0.80 0.00	20.26 1.01 0.00	29.92 1.49 0.00	28.10 1.54 0.00	23.91 1.40 0.00	29.51 1.66 0.00	20.78 1.14 0.00	20.62 1.13 0.00	20.66 1.20 0.00	21.85 1.21 0.00	23.79 1.34 0.00	27.57 1.65 0.00	50.38 2.90 0.00	44.60 2.81 0.00	32.20 1.96 0.00	29.81 1.80 0.00	23.97 1.47 0.00	23.48 1.44 0.00	22.55 1.35 0.00	26.09 1.41 0.00
NEG NORTH_FLCN_SEA 23793	19.81 -0.05 0.00	17.06 -0.18 0.00	17.49 -0.51 0.01	8.10 -0.54 8.61	11.31 -0.46 3.05	0.35 -0.54 18.36	-21.37 -0.73 49.07	-21.34 -0.66 47.23	-21.29 -0.59 43.20	-21.36 -0.79 48.42	-21.35 -0.48 40.51	-21.29 -0.45 40.32	-21.30 -0.45 40.31	-7.23 -0.48 27.39	11.76 -0.42 10.27	16.97 -0.48 8.47	6.13 -0.80 40.55	41.15 -0.63 0.00	11.24 -0.51 18.49	-21.36 -0.56 48.81	-21.33 -0.46 43.36	-21.34 -0.50 42.88	-21.34 -0.50 42.04	-17.82 -0.46 42.03
NEG NORTH_KES_CHATEGAY 23792	19.73 -0.14 0.00	17.00 -0.25 0.00	17.43 -0.56 0.01	8.47 -0.59 8.20	11.07 -0.51 3.25	-0.92 -0.61 19.57	-24.65 -0.77 52.31	-24.48 -0.69 50.35	-24.21 -0.67 46.06	-24.60 -0.84 51.62	-24.05 -0.51 43.18	-23.99 -0.49 42.99	-24.03 -0.52 42.97	-9.08 -0.53 29.20	10.99 -0.51 10.95	16.47 -0.55 8.90	3.38 -0.87 43.23	41.11 -0.67 0.00	9.97 -0.55 19.71	-24.59 -0.57 52.04	-24.16 -0.43 46.23	-24.16 -0.49 45.72	-24.12 -0.50 44.82	-20.61 -0.48 44.81
NEG NORTH___ALICE_FALLS 23915	19.92 0.06 0.00	17.15 -0.09 0.00	17.58 -0.41 0.01	8.25 -0.46 8.54	11.36 -0.39 3.08	0.28 -0.43 18.55	-21.69 -0.54 49.58	-21.66 -0.49 47.73	-21.60 -0.46 43.66	-21.69 -0.61 48.93	-21.65 -0.36 40.93	-21.59 -0.33 40.75	-21.59 -0.32 40.73	-7.38 -0.35 27.68	11.78 -0.29 10.38	17.07 -0.31 8.54	6.05 -0.45 40.98	41.49 -0.29 0.00	11.30 -0.25 18.68	-21.63 -0.31 49.32	-21.60 -0.28 43.82	-21.63 -0.34 43.33	-21.63 -0.35 42.48	-18.10 -0.31 42.47
NEG NORTH___LWR_SARANAC 23913	19.92 0.06 0.00	17.15 -0.09 0.00	17.58 -0.41 0.01	8.25 -0.46 8.54	11.36 -0.39 3.08	0.28 -0.43 18.55	-21.69 -0.54 49.58	-21.66 -0.49 47.73	-21.60 -0.46 43.66	-21.69 -0.61 48.93	-21.65 -0.36 40.93	-21.59 -0.33 40.75	-21.59 -0.32 40.73	-7.38 -0.35 27.68	11.78 -0.29 10.38	17.07 -0.31 8.54	6.05 -0.45 40.98	41.49 -0.29 0.00	11.30 -0.25 18.68	-21.63 -0.31 49.32	-21.60 -0.28 43.82	-21.63 -0.34 43.33	-21.63 -0.35 42.48	-18.10 -0.31 42.47
NEG NORTH___PLATTSBURG 23628	19.92 0.06 0.00	17.15 -0.09 0.00	17.58 -0.41 0.01	8.25 -0.46 8.54	11.36 -0.39 3.08	0.28 -0.43 18.55	-21.69 -0.54 49.58	-21.66 -0.49 47.73	-21.60 -0.46 43.66	-21.69 -0.62 48.93	-21.66 -0.36 40.93	-21.59 -0.33 40.75	-21.59 -0.32 40.73	-7.39 -0.36 27.68	11.78 -0.29 10.38	17.07 -0.32 8.54	6.05 -0.45 40.98	41.49 -0.29 0.00	11.30 -0.25 18.68	-21.63 -0.32 49.32	-21.60 -0.28 43.82	-21.62 -0.34 43.33	-21.63 -0.35 42.48	-18.10 -0.31 42.47
NEG WEST_LEA_LOCKPORT 23791	18.36 -1.50 0.00	15.99 -1.26 0.00	16.68 -1.33 0.00	15.88 -1.37 0.00	13.66 -1.16 0.00	18.03 -1.23 0.00	26.70 -1.74 0.00	24.41 -2.15 0.00	20.34 -2.17 0.00	25.32 -2.53 0.00	17.95 -1.69 0.00	18.01 -1.47 0.00	17.78 -1.68 0.00	18.95 -1.70 0.00	19.91 -2.01 0.54	15.14 -2.43 8.35	28.92 -4.92 13.64	24.98 -4.55 12.25	17.62 -3.00 9.61	13.44 -2.89 11.68	13.49 -2.02 6.99	16.64 -2.03 3.37	19.25 -1.95 0.00	23.05 -1.63 0.00
NEG WEST___LANCASTR 23811	19.20 -0.66 0.00	16.66 -0.59 0.00	17.39 -0.61 0.00	16.58 -0.67 0.00	14.23 -0.60 0.00	18.77 -0.48 0.00	27.72 -0.71 0.00	25.56 -1.00 0.00	21.46 -1.05 0.00	26.68 -1.17 0.00	18.94 -0.69 0.00	19.04 -0.45 0.00	18.79 -0.67 0.00	20.02 -0.62 0.00	21.08 -0.83 0.55	16.40 -1.07 8.45	31.79 -1.90 13.78	27.63 -1.78 12.38	19.53 -0.99 9.72	15.27 -0.93 11.81	14.78 -0.64 7.08	18.01 -0.62 3.41	20.50 -0.71 0.00	24.33 -0.34 0.00
NEG_PENN_ALLEGHNY 23528	19.75 -0.11 0.00	17.13 -0.11 0.00	17.91 -0.09 0.00	17.12 -0.13 0.00	14.69 -0.13 0.00	19.20 -0.05 0.00	28.38 -0.05 0.00	26.59 0.03 0.00	22.51 0.00 0.00	27.85 -0.01 0.00	19.64 0.00 0.00	19.61 0.12 0.00	19.50 0.04 0.00	20.69 0.04 0.00	22.48 0.03 0.00	25.91 -0.02 0.00	47.54 0.07 0.00	41.79 0.01 0.00	30.32 0.09 0.00	28.09 0.08 0.00	22.48 -0.01 0.00	22.07 0.03 0.00	21.14 -0.06 0.00	24.65 -0.03 0.00
NEG___GEN_MONROE 24207	19.05 -0.81 0.00	16.55 -0.69 0.00	17.26 -0.74 0.00	16.48 -0.77 0.00	14.18 -0.64 0.00	18.62 -0.64 0.00	27.60 -0.84 0.00	25.50 -1.06 0.00	21.45 -1.06 0.00	26.67 -1.18 0.00	18.86 -0.78 0.00	18.86 -0.62 0.00	18.71 -0.75 0.00	19.93 -0.72 0.00	21.46 -0.90 0.09	23.34 -1.15 1.43	42.80 -2.34 2.34	37.50 -2.19 2.10	27.17 -1.42 1.65	24.57 -1.43 2.00	20.24 -1.06 1.20	20.35 -1.11 0.58	20.15 -1.05 0.00	23.80 -0.88 0.00

NEPA___ENERGY 23901	18.48 -1.38 0.00	16.01 -1.23 0.00	16.75 -1.25 0.00	15.97 -1.28 0.00	13.73 -1.09 0.00	18.19 -1.07 0.00	26.94 -1.50 0.00	24.73 -1.82 0.00	20.76 -1.75 0.00	25.89 -1.97 0.00	18.38 -1.26 0.00	18.47 -1.02 0.00	18.19 -1.27 0.00	19.37 -1.28 0.00	19.84 -1.60 1.01	11.45 -2.02 12.45	25.18 -3.86 18.44	21.69 -3.53 16.56	14.98 -2.26 13.00	9.94 -2.27 15.79	11.35 -1.67 9.48	15.82 -1.65 4.57	19.60 -1.60 0.00	23.40 -1.28 0.00
NEVERSink___HYD 23608	20.89 1.03 0.00	18.13 0.89 0.00	18.92 0.92 0.00	18.13 0.88 0.00	15.57 0.75 0.00	20.20 0.95 0.00	29.84 1.41 0.00	28.00 1.44 0.00	23.79 1.29 0.00	29.32 1.46 0.00	20.62 0.98 0.00	20.39 0.91 0.00	20.42 0.96 0.00	21.65 1.00 0.00	23.60 1.15 0.00	27.30 1.38 0.00	50.08 2.60 0.00	44.37 2.59 0.00	32.04 1.80 0.00	29.66 1.66 0.00	23.84 1.35 0.00	23.38 1.33 0.00	22.44 1.24 0.00	25.99 1.31 0.00
NEWKRMKL_115KV_TB1 55635	20.67 0.81 0.00	17.96 0.72 0.00	18.78 0.78 0.00	18.00 0.75 0.00	15.47 0.64 0.00	20.03 0.78 0.00	29.57 1.13 0.00	27.58 1.03 0.00	23.41 0.90 0.00	28.90 1.05 0.00	20.29 0.65 0.00	20.01 0.53 0.00	20.02 0.56 0.00	21.29 0.64 0.00	23.21 0.75 0.00	26.83 0.91 0.00	49.05 1.57 0.00	43.22 1.44 0.00	31.29 1.05 0.00	28.94 0.93 0.00	23.23 0.74 0.00	22.74 0.69 0.00	21.88 0.68 0.00	25.45 0.77 0.00
NEWTON___FALLS_HYD 23847	19.98 0.12 0.00	17.25 0.00 0.00	17.81 -0.19 0.00	14.56 -0.26 2.43	16.00 -0.18 -1.36	27.35 -0.09 -8.19	50.32 0.01 -21.88	47.73 0.11 -21.07	41.81 0.04 -19.27	49.28 -0.17 -21.60	37.81 0.11 -18.07	37.55 0.08 -17.99	37.55 0.11 -17.98	33.02 0.16 -12.22	27.41 0.38 -4.58	29.62 0.78 -2.93	67.94 2.37 -18.09	43.73 1.94 0.00	39.34 0.86 -8.25	50.46 0.69 -21.77	42.22 0.38 -19.34	41.32 0.15 -19.12	39.97 0.01 -18.75	43.41 -0.01 -18.75
NGRID_A1_DSASP 323792	18.12 -1.74 0.00	15.77 -1.48 0.00	16.44 -1.56 0.00	15.66 -1.60 0.00	13.44 -1.39 0.00	17.74 -1.51 0.00	26.26 -2.18 0.00	23.95 -2.61 0.00	19.96 -2.55 0.00	24.87 -2.99 0.00	17.64 -2.00 0.00	17.69 -1.80 0.00	17.45 -2.01 0.00	18.60 -2.05 0.00	19.49 -2.42 0.54	14.53 -2.97 8.42	27.94 -5.80 13.73	24.07 -5.38 12.33	16.97 -3.58 9.68	12.83 -3.42 11.76	12.94 -2.49 7.06	16.13 -2.51 3.41	18.90 -2.30 0.00	22.63 -2.05 0.00
NGRID_A2_DSASP 323793	18.12 -1.74 0.00	15.77 -1.48 0.00	16.44 -1.56 0.00	15.66 -1.60 0.00	13.44 -1.39 0.00	17.74 -1.51 0.00	26.26 -2.18 0.00	23.95 -2.61 0.00	19.96 -2.55 0.00	24.87 -2.99 0.00	17.64 -2.00 0.00	17.69 -1.80 0.00	17.45 -2.01 0.00	18.60 -2.05 0.00	19.49 -2.42 0.54	14.53 -2.97 8.42	27.94 -5.80 13.73	24.07 -5.38 12.33	16.97 -3.58 9.68	12.83 -3.42 11.76	12.94 -2.49 7.06	16.13 -2.51 3.41	18.90 -2.30 0.00	22.63 -2.05 0.00
NGRID_A4_DSASP 323807	18.12 -1.74 0.00	15.77 -1.48 0.00	16.44 -1.56 0.00	15.66 -1.60 0.00	13.44 -1.39 0.00	17.74 -1.51 0.00	26.26 -2.18 0.00	23.95 -2.61 0.00	19.96 -2.55 0.00	24.87 -2.99 0.00	17.64 -2.00 0.00	17.69 -1.80 0.00	17.45 -2.01 0.00	18.60 -2.05 0.00	19.49 -2.42 0.54	14.53 -2.97 8.42	27.94 -5.80 13.73	24.07 -5.38 12.33	16.97 -3.58 9.68	12.83 -3.42 11.76	12.94 -2.49 7.06	16.13 -2.51 3.41	18.90 -2.30 0.00	22.63 -2.05 0.00
NIAGARA_115E_LBMP 323715	18.08 -1.78 0.00	15.79 -1.46 0.00	16.45 -1.54 0.00	15.68 -1.57 0.00	13.46 -1.36 0.00	17.79 -1.47 0.00	26.31 -2.12 0.00	24.03 -2.53 0.00	19.94 -2.58 0.00	24.80 -3.06 0.00	17.59 -2.05 0.00	17.65 -1.84 0.00	17.42 -2.05 0.00	18.56 -2.09 0.00	19.49 -2.42 0.54	14.72 -2.79 8.41	27.88 -5.84 13.75	24.04 -5.39 12.35	16.94 -3.60 9.69	12.82 -3.41 11.78	13.19 -2.27 7.03	16.35 -2.32 3.39	18.89 -2.31 0.00	22.70 -1.98 0.00
NIAGARA_115W_LBMP 323714	18.09 -1.77 0.00	15.73 -1.51 0.00	16.41 -1.59 0.00	15.63 -1.62 0.00	13.41 -1.41 0.00	17.71 -1.54 0.00	26.20 -2.23 0.00	23.90 -2.66 0.00	19.92 -2.59 0.00	24.82 -3.04 0.00	17.60 -2.04 0.00	17.65 -1.84 0.00	17.41 -2.05 0.00	18.56 -2.08 0.00	19.45 -2.46 0.54	14.53 -3.02 8.37	27.93 -5.90 13.65	24.07 -5.45 12.26	16.96 -3.65 9.62	12.84 -3.47 11.69	12.94 -2.54 7.02	16.12 -2.54 3.39	18.86 -2.34 0.00	22.59 -2.09 0.00
NIAGARA_230_LBMP 323716	18.26 -1.60 0.00	15.89 -1.36 0.00	16.57 -1.43 0.00	15.78 -1.47 0.00	13.55 -1.28 0.00	17.88 -1.38 0.00	26.44 -1.99 0.00	24.16 -2.39 0.00	20.16 -2.35 0.00	25.10 -2.75 0.00	17.80 -1.84 0.00	17.85 -1.64 0.00	17.61 -1.85 0.00	18.77 -1.88 0.00	19.72 -2.22 0.52	15.26 -2.70 7.97	29.21 -5.29 12.98	25.20 -4.93 11.66	17.81 -3.27 9.15	13.77 -3.11 11.12	13.52 -2.30 6.68	16.52 -2.30 3.22	19.07 -2.13 0.00	22.81 -1.87 0.00
NIAGARA___115KV_198_GIBSON 55903	18.09 -1.77 0.00	15.73 -1.51 0.00	16.41 -1.59 0.00	15.62 -1.63 0.00	13.43 -1.39 0.00	17.71 -1.55 0.00	26.21 -2.22 0.00	23.90 -2.65 0.00	19.93 -2.58 0.00	24.81 -3.04 0.00	17.60 -2.04 0.00	17.65 -1.83 0.00	17.42 -2.04 0.00	18.57 -2.08 0.00	19.46 -2.45 0.54	14.49 -3.06 8.37	27.88 -5.95 13.65	24.01 -5.51 12.26	16.95 -3.66 9.62	12.79 -3.52 11.69	12.97 -2.50 7.02	16.17 -2.50 3.39	18.87 -2.33 0.00	22.59 -2.09 0.00
NIAGARA___ 23760	18.26 -1.60 0.00	15.89 -1.36 0.00	16.57 -1.43 0.00	15.78 -1.47 0.00	13.55 -1.28 0.00	17.88 -1.38 0.00	26.44 -1.99 0.00	24.16 -2.39 0.00	20.16 -2.35 0.00	25.10 -2.75 0.00	17.80 -1.84 0.00	17.85 -1.64 0.00	17.61 -1.85 0.00	18.77 -1.88 0.00	19.71 -2.22 0.52	15.12 -2.70 8.10	28.91 -5.29 13.27	24.93 -4.93 11.92	17.60 -3.27 9.36	13.52 -3.11 11.37	13.43 -2.30 6.77	16.48 -2.30 3.26	19.07 -2.13 0.00	22.81 -1.87 0.00
NINE_MILE_1 23575	19.18 -0.68 0.00	16.66 -0.58 0.00	17.40 -0.60 0.00	16.66 -0.59 0.00	14.31 -0.51 0.00	18.62 -0.63 0.00	27.49 -0.94 0.00	25.66 -0.90 0.00	21.75 -0.76 0.00	26.92 -0.94 0.00	19.01 -0.63 0.00	18.89 -0.59 0.00	18.84 -0.62 0.00	19.99 -0.65 0.00	21.72 -0.73 0.00	25.05 -0.86 0.00	45.90 -1.58 0.00	40.37 -1.42 0.00	29.23 -1.00 0.00	27.06 -0.95 0.00	21.73 -0.77 0.00	21.27 -0.77 0.00	20.45 -0.75 0.00	23.81 -0.86 0.00
NINE_MILE_2 23744	19.19 -0.67 0.00	16.66 -0.58 0.00	17.40 -0.60 0.00	16.66 -0.59 0.00	14.32 -0.51 0.00	18.63 -0.63 0.00	27.50 -0.94 0.00	25.67 -0.89 0.00	21.75 -0.76 0.00	26.92 -0.93 0.00	19.01 -0.63 0.00	18.89 -0.59 0.00	18.85 -0.61 0.00	19.99 -0.65 0.00	21.72 -0.73 0.00	25.06 -0.86 0.00	45.90 -1.58 0.00	40.37 -1.42 0.00	29.24 -1.00 0.00	27.06 -0.95 0.00	21.73 -0.77 0.00	21.28 -0.77 0.00	20.45 -0.75 0.00	23.82 -0.86 0.00
NM_CAPITAL___DRP 24208	20.65 0.79 0.00	17.94 0.70 0.00	18.76 0.76 0.00	17.98 0.74 0.00	15.45 0.63 0.00	20.01 0.76 0.00	29.53 1.09 0.00	27.53 0.98 0.00	23.39 0.88 0.00	28.87 1.02 0.00	20.26 0.62 0.00	19.98 0.49 0.00	20.00 0.54 0.00	21.26 0.61 0.00	23.19 0.73 0.00	26.82 0.90 0.00	48.99 1.51 0.00	43.17 1.39 0.00	31.25 1.02 0.00	28.91 0.90 0.00	23.21 0.72 0.00	22.72 0.67 0.00	21.88 0.67 0.00	25.45 0.77 0.00

NM_CENTRAL___DRP 24181	19.50 -0.36 0.00	16.93 -0.31 0.00	17.68 -0.31 0.00	16.93 -0.32 0.00	14.56 -0.27 0.00	18.96 -0.29 0.00	28.01 -0.42 0.00	26.16 -0.40 0.00	22.17 -0.34 0.00	27.46 -0.40 0.00	19.39 -0.25 0.00	19.29 -0.19 0.00	19.22 -0.24 0.00	20.41 -0.24 0.00	22.18 -0.28 0.00	25.56 -0.36 0.00	46.82 -0.66 0.00	41.15 -0.63 0.00	29.79 -0.45 0.00	27.57 -0.43 0.00	22.12 -0.38 0.00	21.67 -0.37 0.00	20.81 -0.39 0.00	24.24 -0.44 0.00
NM_FRONTIER___DRP 24179	18.09 -1.77 0.00	15.73 -1.51 0.00	16.41 -1.59 0.00	15.62 -1.63 0.00	13.43 -1.39 0.00	17.71 -1.55 0.00	26.21 -2.22 0.00	23.90 -2.65 0.00	19.93 -2.58 0.00	24.81 -3.04 0.00	17.60 -2.04 0.00	17.65 -1.83 0.00	17.42 -2.04 0.00	18.57 -2.08 0.00	19.46 -2.45 0.54	14.49 -3.06 8.37	27.88 -5.95 13.65	24.01 -5.51 12.26	16.95 -3.66 9.62	12.79 -3.52 11.69	12.97 -2.50 7.02	16.17 -2.50 3.39	18.87 -2.33 0.00	22.59 -2.09 0.00
NM_ST_REGIS___HYD 24053	20.32 0.46 0.00	17.54 0.30 0.00	18.03 0.02 -0.01	12.74 -0.07 4.43	17.14 -0.03 -2.34	33.46 0.12 -14.09	66.47 0.38 -37.65	63.25 0.45 -36.25	55.93 0.27 -33.15	65.05 0.04 -37.16	50.99 0.27 -31.09	50.63 0.20 -30.95	50.60 0.21 -30.93	41.92 0.25 -21.02	30.86 0.53 -7.88	31.84 0.91 -5.00	81.02 2.43 -31.12	43.95 2.17 0.00	45.66 1.24 -14.19	66.49 1.03 -37.46	56.46 0.68 -33.28	55.39 0.43 -32.91	53.75 0.28 -32.26	57.26 0.32 -32.26
NORTHPORT___1 23551	21.18 1.32 0.00	18.33 1.08 0.00	18.89 0.89 0.00	18.18 0.93 0.00	15.63 0.80 0.00	20.23 0.97 0.00	29.36 0.93 0.00	27.27 0.71 0.00	23.89 1.38 0.00	29.58 1.73 0.00	20.82 1.18 0.00	20.52 1.03 0.00	20.73 1.27 0.00	22.00 1.35 0.00	24.72 1.60 -0.66	31.18 1.90 -3.36	49.89 2.41 0.00	43.70 1.92 0.00	31.56 1.33 0.00	29.49 1.48 0.00	23.90 1.40 0.00	23.39 1.34 0.00	22.57 1.36 0.00	26.09 1.41 0.00
NORTHPORT___2 23552	21.18 1.32 0.00	18.33 1.08 0.00	18.89 0.89 0.00	18.18 0.93 0.00	15.63 0.80 0.00	20.23 0.97 0.00	29.36 0.93 0.00	27.27 0.71 0.00	23.89 1.38 0.00	29.58 1.73 0.00	20.82 1.18 0.00	20.52 1.03 0.00	20.73 1.27 0.00	22.00 1.35 0.00	24.72 1.60 -0.66	31.18 1.90 -3.36	49.89 2.41 0.00	43.70 1.92 0.00	31.56 1.33 0.00	29.49 1.48 0.00	23.90 1.40 0.00	23.39 1.34 0.00	22.57 1.36 0.00	26.09 1.41 0.00
NORTHPORT___3 23553	21.13 1.27 0.00	18.29 1.05 0.00	18.88 0.88 0.00	18.14 0.89 0.00	15.61 0.78 0.00	20.21 0.96 0.00	29.45 1.01 0.00	27.35 0.80 0.00	23.87 1.36 0.00	29.55 1.70 0.00	20.79 1.15 0.00	20.51 1.02 0.00	20.71 1.25 0.00	21.97 1.32 0.00	24.68 1.57 -0.66	31.18 1.91 -3.36	50.09 2.61 0.00	43.93 2.15 0.00	31.69 1.46 0.00	29.56 1.56 0.00	23.91 1.41 0.00	23.42 1.37 0.00	22.57 1.36 0.00	26.07 1.40 0.00
NORTHPORT___4 23650	21.13 1.27 0.00	18.29 1.05 0.00	18.88 0.88 0.00	18.14 0.89 0.00	15.61 0.78 0.00	20.21 0.96 0.00	29.45 1.01 0.00	27.35 0.80 0.00	23.87 1.36 0.00	29.55 1.70 0.00	20.79 1.15 0.00	20.51 1.02 0.00	20.71 1.25 0.00	21.97 1.32 0.00	24.68 1.57 -0.66	31.18 1.91 -3.36	50.09 2.61 0.00	43.93 2.15 0.00	31.69 1.46 0.00	29.56 1.56 0.00	23.91 1.41 0.00	23.42 1.37 0.00	22.57 1.36 0.00	26.07 1.40 0.00
NORTHPORT___IC 23718	21.18 1.32 0.00	18.33 1.08 0.00	18.89 0.89 0.00	18.18 0.93 0.00	15.63 0.80 0.00	20.23 0.97 0.00	29.36 0.93 0.00	27.27 0.71 0.00	23.88 1.38 0.00	29.58 1.72 0.00	20.82 1.18 0.00	20.52 1.03 0.00	20.73 1.27 0.00	22.00 1.35 0.00	24.72 1.60 -0.66	31.20 1.92 -3.36	49.91 2.43 0.00	43.73 1.94 0.00	31.56 1.33 0.00	29.49 1.49 0.00	23.90 1.40 0.00	23.39 1.34 0.00	22.57 1.37 0.00	26.09 1.41 0.00
NORTH___COUNTRY_ESR 323785	19.68 -0.18 0.00	16.96 -0.29 0.00	17.39 -0.60 0.01	8.44 -0.63 8.19	11.03 -0.54 3.25	-0.99 -0.65 19.60	-24.81 -0.85 52.39	-24.65 -0.79 50.42	-24.35 -0.73 46.12	-24.75 -0.92 51.69	-24.15 -0.54 43.24	-24.12 -0.55 43.05	-24.13 -0.56 43.03	-9.19 -0.59 29.24	10.92 -0.57 10.96	16.39 -0.63 8.90	3.17 -1.02 43.29	40.94 -0.84 0.00	9.85 -0.65 19.73	-24.77 -0.67 52.11	-24.33 -0.53 46.29	-24.30 -0.57 45.78	-24.24 -0.57 44.88	-20.75 -0.56 44.87
NPX_GEN_1385_PROXY 323591	21.37 1.51 0.00	18.49 1.24 0.00	19.00 1.00 0.00	18.34 1.09 0.00	15.77 0.94 0.00	20.41 1.15 0.00	29.75 1.32 0.00	27.61 1.06 0.00	41.50 1.69 -17.30	29.76 1.91 0.00	20.82 1.18 0.00	20.37 0.89 0.00	20.57 1.11 0.00	21.85 1.20 0.00	24.56 1.44 -0.66	31.15 1.87 -3.36	49.86 2.38 0.00	43.55 1.76 0.00	31.68 1.45 0.00	29.77 1.76 0.00	24.07 1.57 0.00	23.54 1.50 0.00	22.70 1.50 0.00	26.03 1.35 0.00
NPX_GEN_CSC 323557	21.26 1.40 0.00	18.38 1.13 0.00	18.86 0.86 0.00	18.22 0.97 0.00	15.60 0.77 0.00	20.19 0.94 0.00	29.35 0.92 0.00	27.07 0.52 0.00	23.95 1.45 0.00	29.61 1.75 0.00	20.60 0.96 0.00	20.25 0.76 0.00	20.68 1.22 0.00	22.07 1.42 0.00	24.81 1.70 -0.66	31.40 2.12 -3.36	50.43 2.96 0.00	44.20 2.42 0.00	31.95 1.71 0.00	29.95 1.95 0.00	24.33 1.83 0.00	23.74 1.70 0.00	22.81 1.61 0.00	26.32 1.64 0.00
NSINS_S_GLNS_FALLS 23858	20.77 0.91 0.00	18.04 0.79 0.00	18.84 0.84 0.00	18.09 0.84 0.00	15.55 0.73 0.00	20.27 1.01 0.00	29.97 1.54 0.00	27.95 1.39 0.00	23.73 1.22 0.00	29.49 1.63 0.00	20.56 0.92 0.00	20.23 0.74 0.00	20.24 0.77 0.00	21.60 0.95 0.00	23.58 1.13 0.00	27.30 1.38 0.00	50.07 2.59 0.00	44.09 2.31 0.00	31.98 1.75 0.00	29.56 1.55 0.00	23.57 1.07 0.00	23.02 0.97 0.00	22.24 1.04 0.00	25.89 1.21 0.00
NUCOR_STEEL___DRP 24197	19.72 -0.15 0.00	17.11 -0.13 0.00	17.87 -0.13 0.00	17.11 -0.14 0.00	14.70 -0.13 0.00	19.12 -0.14 0.00	28.27 -0.16 0.00	26.39 -0.17 0.00	22.43 -0.07 0.00	27.97 0.11 0.00	19.73 0.09 0.00	19.60 0.11 0.00	19.57 0.11 0.00	20.69 0.04 0.00	22.46 0.01 0.00	25.88 -0.04 0.00	47.50 0.03 0.00	41.95 0.16 0.00	30.40 0.17 0.00	28.15 0.14 0.00	22.45 -0.05 0.00	22.04 0.00 0.00	21.07 -0.13 0.00	24.57 -0.11 0.00
NUMBER_THREE_WT_PWR 323818	19.52 -0.34 0.00	16.87 -0.38 0.00	17.48 -0.52 0.00	15.88 -0.53 0.83	14.98 -0.43 -0.59	22.38 -0.43 -3.56	37.38 -0.57 -9.52	35.31 -0.41 -9.16	30.55 -0.34 -8.38	36.76 -0.48 -9.39	27.30 -0.19 -7.86	27.14 -0.18 -7.82	27.15 -0.13 -7.82	25.90 -0.06 -5.31	24.48 0.03 -1.99	27.60 0.38 -1.30	57.07 1.73 -7.87	42.97 1.19 0.00	33.92 0.10 -3.59	37.46 -0.01 -9.47	30.73 -0.18 -8.41	30.04 -0.33 -8.32	28.95 -0.40 -8.15	32.33 -0.50 -8.15
NYISO_LBMP_REFERENCE 24008	19.86 0.00 0.00	17.25 0.00 0.00	18.00 0.00 0.00	17.25 0.00 0.00	14.82 0.00 0.00	19.25 0.00 0.00	28.43 0.00 0.00	26.56 0.00 0.00	22.51 0.00 0.00	27.85 0.00 0.00	19.64 0.00 0.00	19.49 0.00 0.00	19.46 0.00 0.00	20.65 0.00 0.00	22.45 0.00 0.00	25.92 0.00 0.00	47.48 0.00 0.00	41.78 0.00 0.00	30.23 0.00 0.00	28.00 0.00 0.00	22.50 0.00 0.00	22.05 0.00 0.00	21.20 0.00 0.00	24.68 0.00 0.00

NYPA_BRENTWD____GT 24164	21.33 1.47 0.00	18.46 1.21 0.00	19.03 1.03 0.00	18.30 1.06 0.00	15.74 0.91 0.00	20.38 1.12 0.00	29.66 1.22 0.00	27.57 1.02 0.00	24.14 1.63 0.00	29.87 2.01 0.00	20.99 1.35 0.00	20.68 1.20 0.00	20.90 1.44 0.00	22.20 1.55 0.00	24.94 1.83 -0.66	31.48 2.20 -3.36	50.32 2.84 0.00	44.04 2.26 0.00	31.81 1.58 0.00	29.84 1.84 0.00	24.24 1.74 0.00	23.69 1.64 0.00	22.83 1.63 0.00	26.36 1.68 0.00
NYPA_GOWANUS____GT5 24156	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.64 2.86 0.00	32.19 1.95 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
NYPA_GOWANUS____GT6 24157	20.98 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.56 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.39 0.00	27.62 1.70 0.00	50.40 2.92 0.00	44.64 2.86 0.00	32.19 1.95 0.00	29.83 1.82 0.00	24.05 1.55 0.00	23.57 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00
NYPA_HARLEM__RVR__GT1 24160	20.95 1.09 0.00	18.14 0.90 0.00	18.89 0.89 0.00	18.12 0.87 0.00	15.56 0.73 0.00	20.16 0.90 0.00	29.79 1.36 0.00	27.98 1.43 0.00	23.85 1.34 0.00	29.42 1.57 0.00	20.71 1.08 0.00	20.53 1.05 0.00	20.57 1.11 0.00	21.70 1.05 0.00	23.63 1.18 0.00	27.39 1.47 0.00	50.16 2.69 0.00	44.39 2.61 0.00	32.00 1.77 0.00	29.66 1.65 0.00	23.89 1.40 0.00	23.42 1.37 0.00	22.49 1.29 0.00	25.99 1.32 0.00
NYPA_HARLEM__RVR__GT2 24161	20.95 1.09 0.00	18.14 0.90 0.00	18.89 0.89 0.00	18.12 0.87 0.00	15.56 0.73 0.00	20.16 0.90 0.00	29.79 1.36 0.00	27.98 1.43 0.00	23.85 1.34 0.00	29.42 1.57 0.00	20.71 1.08 0.00	20.53 1.05 0.00	20.57 1.11 0.00	21.70 1.05 0.00	23.63 1.18 0.00	27.39 1.47 0.00	50.16 2.69 0.00	44.39 2.61 0.00	32.00 1.77 0.00	29.66 1.65 0.00	23.89 1.40 0.00	23.42 1.37 0.00	22.49 1.29 0.00	25.99 1.32 0.00
NYPA_KENT____GT 24152	21.00 1.14 0.00	18.19 0.95 0.00	18.94 0.94 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.25 0.99 0.00	29.92 1.48 0.00	28.11 1.55 0.00	23.93 1.42 0.00	29.55 1.70 0.00	20.82 1.18 0.00	20.68 1.19 0.00	20.71 1.25 0.00	21.88 1.23 0.00	23.83 1.37 0.00	27.60 1.68 0.00	50.35 2.88 0.00	44.59 2.81 0.00	32.14 1.91 0.00	29.79 1.78 0.00	24.01 1.52 0.00	23.54 1.50 0.00	22.61 1.40 0.00	26.12 1.44 0.00
NYPA_POUCH1____GT 24155	20.93 1.07 0.00	18.13 0.89 0.00	18.88 0.88 0.00	18.18 0.93 0.00	15.64 0.81 0.00	20.28 1.03 0.00	29.97 1.54 0.00	28.16 1.60 0.00	23.95 1.44 0.00	29.55 1.70 0.00	20.83 1.19 0.00	20.69 1.20 0.00	20.70 1.24 0.00	21.88 1.23 0.00	23.82 1.37 0.00	27.62 1.69 0.00	50.39 2.91 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.84 1.83 0.00	24.06 1.56 0.00	23.58 1.54 0.00	22.65 1.45 0.00	26.18 1.50 0.00
NYPA_VERNON____GT2 24162	21.02 1.16 0.00	18.21 0.96 0.00	18.96 0.96 0.00	18.19 0.94 0.00	15.61 0.79 0.00	20.24 0.99 0.00	29.90 1.46 0.00	28.09 1.54 0.00	23.93 1.42 0.00	29.55 1.70 0.00	20.81 1.17 0.00	20.66 1.18 0.00	20.70 1.24 0.00	21.87 1.22 0.00	23.81 1.36 0.00	27.58 1.66 0.00	50.34 2.86 0.00	44.57 2.79 0.00	32.13 1.90 0.00	29.76 1.76 0.00	23.98 1.48 0.00	23.51 1.47 0.00	22.58 1.38 0.00	26.09 1.41 0.00
NYPA_VERNON____GT3 24163	21.02 1.16 0.00	18.21 0.96 0.00	18.96 0.96 0.00	18.19 0.94 0.00	15.61 0.79 0.00	20.24 0.99 0.00	29.90 1.46 0.00	28.09 1.54 0.00	23.93 1.42 0.00	29.55 1.70 0.00	20.81 1.17 0.00	20.66 1.18 0.00	20.70 1.24 0.00	21.87 1.22 0.00	23.81 1.36 0.00	27.58 1.66 0.00	50.34 2.86 0.00	44.57 2.79 0.00	32.13 1.90 0.00	29.76 1.76 0.00	23.98 1.48 0.00	23.51 1.47 0.00	22.58 1.38 0.00	26.09 1.41 0.00
NYPA__ASTORIA_CC1 323568	20.99 1.13 0.00	18.19 0.95 0.00	18.93 0.94 0.00	18.16 0.91 0.00	15.59 0.77 0.00	20.21 0.95 0.00	29.85 1.41 0.00	28.04 1.48 0.00	23.88 1.37 0.00	29.48 1.63 0.00	20.77 1.13 0.00	20.62 1.13 0.00	20.66 1.20 0.00	21.82 1.17 0.00	23.76 1.31 0.00	27.53 1.61 0.00	50.26 2.78 0.00	44.50 2.71 0.00	32.08 1.84 0.00	29.71 1.71 0.00	23.93 1.44 0.00	23.47 1.42 0.00	22.53 1.32 0.00	26.04 1.36 0.00
NYPA__ASTORIA_CC2 323569	20.99 1.13 0.00	18.19 0.95 0.00	18.93 0.94 0.00	18.16 0.91 0.00	15.59 0.77 0.00	20.21 0.95 0.00	29.85 1.41 0.00	28.04 1.48 0.00	23.88 1.37 0.00	29.48 1.63 0.00	20.77 1.13 0.00	20.62 1.13 0.00	20.66 1.20 0.00	21.82 1.17 0.00	23.76 1.31 0.00	27.53 1.61 0.00	50.26 2.78 0.00	44.50 2.71 0.00	32.08 1.84 0.00	29.71 1.71 0.00	23.93 1.44 0.00	23.47 1.42 0.00	22.53 1.32 0.00	26.04 1.36 0.00
NYPA__HOLTSVILL 23794	21.19 1.33 0.00	18.33 1.09 0.00	18.89 0.89 0.00	18.18 0.93 0.00	15.62 0.80 0.00	20.22 0.97 0.00	29.40 0.97 0.00	27.30 0.74 0.00	23.95 1.44 0.00	29.62 1.76 0.00	20.79 1.15 0.00	20.47 0.98 0.00	20.73 1.27 0.00	22.03 1.38 0.00	24.76 1.64 -0.66	31.28 2.00 -3.36	50.16 2.68 0.00	44.01 2.23 0.00	31.80 1.57 0.00	29.72 1.71 0.00	24.10 1.60 0.00	23.55 1.50 0.00	22.71 1.51 0.00	26.23 1.55 0.00
NYPA__HELLGATE_GT1 24158	20.95 1.09 0.00	18.14 0.90 0.00	18.89 0.89 0.00	18.12 0.87 0.00	15.56 0.73 0.00	20.16 0.90 0.00	29.79 1.36 0.00	27.98 1.43 0.00	23.85 1.34 0.00	29.42 1.57 0.00	20.71 1.08 0.00	20.53 1.05 0.00	20.57 1.11 0.00	21.70 1.05 0.00	23.63 1.18 0.00	27.39 1.47 0.00	50.11 2.64 0.00	44.37 2.59 0.00	31.98 1.75 0.00	29.64 1.63 0.00	23.89 1.40 0.00	23.42 1.37 0.00	22.49 1.29 0.00	25.99 1.32 0.00
NYPA__HELLGATE_GT2 24159	20.95 1.09 0.00	18.14 0.90 0.00	18.89 0.89 0.00	18.12 0.87 0.00	15.56 0.73 0.00	20.16 0.90 0.00	29.79 1.36 0.00	27.98 1.43 0.00	23.85 1.34 0.00	29.42 1.57 0.00	20.71 1.08 0.00	20.53 1.05 0.00	20.57 1.11 0.00	21.70 1.05 0.00	23.63 1.18 0.00	27.39 1.47 0.00	50.11 2.64 0.00	44.37 2.59 0.00	31.98 1.75 0.00	29.64 1.63 0.00	23.89 1.40 0.00	23.42 1.37 0.00	22.49 1.29 0.00	25.99 1.32 0.00
NYS_BARGE__HYD 23848	18.37 -1.49 0.00	16.01 -1.24 0.00	16.69 -1.31 0.00	15.91 -1.35 0.00	13.65 -1.17 0.00	18.05 -1.20 0.00	26.73 -1.71 0.00	24.45 -2.10 0.00	20.36 -2.15 0.00	25.35 -2.51 0.00	17.97 -1.67 0.00	18.02 -1.46 0.00	17.79 -1.67 0.00	18.97 -1.68 0.00	19.97 -1.98 0.50	15.83 -2.33 7.76	29.98 -4.83 12.67	25.93 -4.47 11.38	18.35 -2.95 8.93	14.34 -2.81 10.85	14.09 -1.91 6.49	16.95 -1.97 3.13	19.26 -1.94 0.00	23.08 -1.59 0.00

OAK ORCHARD___HYD 24046	18.99 -0.88 0.00	16.49 -0.75 0.00	17.20 -0.80 0.00	16.43 -0.82 0.00	14.11 -0.71 0.00	18.53 -0.73 0.00	27.44 -0.99 0.00	25.37 -1.19 0.00	21.36 -1.15 0.00	26.55 -1.31 0.00	18.77 -0.86 0.00	18.76 -0.72 0.00	18.62 -0.84 0.00	19.82 -0.83 0.00	21.44 -1.01 0.00	24.66 -1.26 0.00	44.98 -2.50 0.00	39.45 -2.34 0.00	28.69 -1.55 0.00	26.48 -1.52 0.00	21.32 -1.18 0.00	20.82 -1.23 0.00	20.06 -1.14 0.00	23.66 -1.02 0.00
OAKDALE___35_KV_LOAD 356122	19.70 -0.16 0.00	17.09 -0.15 0.00	17.87 -0.13 0.00	17.09 -0.16 0.00	14.66 -0.16 0.00	19.15 -0.11 0.00	28.30 -0.14 0.00	26.50 -0.05 0.00	22.43 -0.07 0.00	27.76 -0.09 0.00	19.58 -0.06 0.00	19.54 0.06 0.00	19.44 -0.02 0.00	20.63 -0.02 0.00	22.41 -0.04 0.00	25.82 -0.10 0.00	47.38 -0.10 0.00	41.65 -0.13 0.00	30.21 -0.02 0.00	27.99 -0.01 0.00	22.42 -0.08 0.00	22.02 -0.03 0.00	21.09 -0.11 0.00	24.58 -0.09 0.00
OCC_CHEM___DRP 24175	18.13 -1.73 0.00	15.77 -1.48 0.00	16.44 -1.56 0.00	15.65 -1.60 0.00	13.46 -1.37 0.00	17.74 -1.51 0.00	26.26 -2.17 0.00	23.95 -2.60 0.00	19.97 -2.54 0.00	24.87 -2.99 0.00	17.63 -2.01 0.00	17.69 -1.80 0.00	17.45 -2.01 0.00	18.60 -2.04 0.00	19.50 -2.41 0.54	14.49 -3.01 8.42	27.89 -5.86 13.73	24.03 -5.42 12.33	16.95 -3.60 9.68	12.78 -3.46 11.76	12.97 -2.47 7.06	16.18 -2.46 3.41	18.91 -2.29 0.00	22.63 -2.05 0.00
OH_GEN_PROXY 24063	18.32 -1.55 0.00	15.94 -1.31 0.00	16.62 -1.38 0.00	15.83 -1.42 0.00	13.58 -1.24 0.00	17.92 -1.33 0.00	26.51 -1.93 0.00	24.27 -2.29 0.00	20.27 -2.24 0.00	25.23 -2.62 0.00	17.88 -1.77 0.00	17.94 -1.55 0.00	17.71 -1.75 0.00	18.87 -1.78 0.00	19.87 -2.12 0.46	16.20 -2.58 7.14	30.79 -5.05 11.64	26.64 -4.68 10.46	18.92 -3.10 8.21	15.07 -2.96 9.97	14.31 -2.19 5.99	16.96 -2.20 2.89	19.16 -2.04 0.00	22.88 -1.80 0.00
OLIN_CORP_DRP 24177	18.12 -1.74 0.00	15.81 -1.44 0.00	16.48 -1.52 0.00	15.71 -1.54 0.00	13.51 -1.32 0.00	17.81 -1.44 0.00	26.36 -2.07 0.00	24.07 -2.48 0.00	19.99 -2.52 0.00	24.87 -2.99 0.00	17.64 -2.00 0.00	17.69 -1.80 0.00	17.46 -2.00 0.00	18.60 -2.04 0.00	19.52 -2.38 0.55	14.56 -2.80 8.56	27.71 -5.78 13.99	23.87 -5.34 12.57	16.83 -3.54 9.86	12.63 -3.42 11.98	13.01 -2.39 7.16	16.27 -2.51 3.45	18.94 -2.26 0.00	22.73 -1.95 0.00
OLIN_CORP_DSASP 323712	18.12 -1.74 0.00	15.77 -1.48 0.00	16.44 -1.56 0.00	15.66 -1.60 0.00	13.44 -1.39 0.00	17.74 -1.51 0.00	26.26 -2.18 0.00	23.95 -2.61 0.00	19.96 -2.55 0.00	24.87 -2.99 0.00	17.64 -2.00 0.00	17.69 -1.80 0.00	17.45 -2.01 0.00	18.60 -2.05 0.00	19.49 -2.42 0.54	14.53 -2.97 8.42	27.94 -5.80 13.73	24.07 -5.38 12.33	16.97 -3.58 9.68	12.83 -3.42 11.76	12.94 -2.49 7.06	16.13 -2.51 3.41	18.90 -2.30 0.00	22.63 -2.05 0.00
ONEIDA_HERK_LFGE 323681	19.96 0.10 0.00	17.30 0.05 0.00	18.01 0.01 0.00	17.27 0.02 0.00	15.12 0.02 -0.27	21.00 0.11 -1.63	33.03 0.23 -4.36	31.02 0.27 -4.20	26.58 0.23 -3.84	32.45 0.29 -4.30	23.49 0.25 -3.60	23.33 0.26 -3.59	23.32 0.28 -3.58	23.42 0.33 -2.44	23.80 0.43 -0.91	27.22 0.65 -0.65	52.68 1.60 -3.61	43.03 1.25 0.00	32.47 0.59 -1.64	32.84 0.50 -4.34	26.65 0.30 -3.85	26.07 0.21 -3.81	25.07 0.14 -3.74	28.53 0.11 -3.73
ONEIDA___115KV_TB4 55905	20.13 0.27 0.00	17.46 0.22 0.00	18.25 0.25 0.00	17.51 0.26 0.00	15.19 0.25 -0.11	20.35 0.41 -0.69	30.96 0.69 -1.84	29.01 0.69 -1.77	24.69 0.57 -1.62	30.42 0.75 -1.82	21.69 0.53 -1.52	21.54 0.54 -1.51	21.50 0.53 -1.51	22.27 0.59 -1.03	23.56 0.72 -0.38	27.05 0.86 -0.27	50.67 1.67 -1.52	43.05 1.27 0.00	31.76 0.84 -0.69	30.56 0.73 -1.83	24.63 0.51 -1.63	24.11 0.46 -1.61	23.15 0.38 -1.58	26.63 0.37 -1.58
ONONDAGA_REF_OCCRA 23987	19.62 -0.24 0.00	17.03 -0.22 0.00	17.79 -0.21 0.00	17.03 -0.22 0.00	14.64 -0.19 0.00	19.08 -0.18 0.00	28.20 -0.23 0.00	26.34 -0.22 0.00	22.32 -0.18 0.00	27.65 -0.20 0.00	19.52 -0.12 0.00	19.43 -0.05 0.00	19.36 -0.10 0.00	20.55 -0.10 0.00	22.34 -0.11 0.00	25.75 -0.17 0.00	47.20 -0.28 0.00	41.50 -0.28 0.00	30.05 -0.18 0.00	27.81 -0.20 0.00	22.30 -0.20 0.00	21.84 -0.20 0.00	20.96 -0.24 0.00	24.41 -0.27 0.00
ONONDAGA___COGEN 23986	19.60 -0.26 0.00	17.01 -0.23 0.00	17.77 -0.23 0.00	17.01 -0.24 0.00	14.62 -0.20 0.00	19.05 -0.21 0.00	28.15 -0.28 0.00	26.29 -0.26 0.00	22.30 -0.21 0.00	27.64 -0.21 0.00	19.51 -0.12 0.00	19.41 -0.07 0.00	19.35 -0.11 0.00	20.52 -0.13 0.00	22.30 -0.15 0.00	25.72 -0.20 0.00	47.16 -0.32 0.00	41.49 -0.29 0.00	30.05 -0.19 0.00	27.81 -0.20 0.00	22.29 -0.21 0.00	21.82 -0.22 0.00	20.94 -0.26 0.00	24.39 -0.29 0.00
ONTARIO___LFGE 23819	19.39 -0.47 0.00	16.80 -0.44 0.00	17.56 -0.44 0.00	16.76 -0.49 0.00	14.40 -0.43 0.00	18.94 -0.32 0.00	28.08 -0.35 0.00	26.20 -0.36 0.00	22.23 -0.28 0.00	27.56 -0.30 0.00	19.49 -0.15 0.00	19.49 0.00 0.00	19.31 -0.15 0.00	20.52 -0.13 0.00	22.58 -0.21 -0.33	30.72 -0.36 -5.17	55.55 -0.35 -8.43	48.95 -0.40 -7.57	35.93 -0.24 -5.94	34.98 -0.24 -7.22	26.51 -0.31 -4.33	23.84 -0.29 -2.09	20.78 -0.42 0.00	24.29 -0.38 0.00
ORANGEVILLE_WT_PWR 323706	18.21 -1.65 0.00	15.75 -1.50 0.00	16.49 -1.51 0.00	15.67 -1.58 0.00	13.45 -1.38 0.00	17.84 -1.41 0.00	26.50 -1.93 0.00	24.51 -2.05 0.00	20.58 -1.93 0.00	25.60 -2.26 0.00	18.16 -1.48 0.00	18.25 -1.24 0.00	17.95 -1.51 0.00	19.07 -1.58 0.00	18.36 -1.87 2.22	-10.61 -2.18 34.35	-12.54 -4.01 56.01	-12.26 -3.73 50.31	-11.80 -2.55 39.49	-22.21 -2.23 47.98	-8.15 -1.85 28.80	6.23 -1.93 13.89	19.27 -1.93 0.00	22.87 -1.81 0.00
ORANGEVILLE___ESR 323794	18.21 -1.65 0.00	15.75 -1.50 0.00	16.49 -1.51 0.00	15.67 -1.58 0.00	13.45 -1.38 0.00	17.84 -1.41 0.00	26.50 -1.93 0.00	24.51 -2.05 0.00	20.58 -1.93 0.00	25.60 -2.26 0.00	18.16 -1.48 0.00	18.25 -1.24 0.00	17.95 -1.51 0.00	19.07 -1.58 0.00	18.36 -1.87 2.22	-10.61 -2.18 34.35	-12.54 -4.01 56.01	-12.26 -3.73 50.31	-11.80 -2.55 39.49	-22.21 -2.23 47.98	-8.15 -1.85 28.80	6.23 -1.93 13.89	19.27 -1.93 0.00	22.87 -1.81 0.00
OSWEGATCHIE___HYD 24044	19.98 0.12 0.00	17.25 0.00 0.00	17.81 -0.20 0.00	14.55 -0.26 2.43	16.00 -0.18 -1.36	27.35 -0.09 -8.19	50.32 0.01 -21.88	47.73 0.11 -21.07	41.81 0.04 -19.27	49.28 -0.17 -21.60	37.81 0.11 -18.07	37.55 0.08 -17.99	37.54 0.11 -17.98	33.02 0.15 -12.22	27.41 0.38 -4.58	29.62 0.78 -2.93	67.94 2.37 -18.09	43.73 1.94 0.00	39.34 0.87 -8.25	50.46 0.68 -21.77	42.22 0.38 -19.34	41.32 0.15 -19.12	39.97 0.01 -18.75	43.41 -0.01 -18.75
OSWEGO___5 23606	19.31 -0.55 0.00	16.77 -0.48 0.00	17.51 -0.49 0.00	16.76 -0.49 0.00	14.41 -0.42 0.00	18.75 -0.51 0.00	27.69 -0.74 0.00	25.83 -0.72 0.00	21.90 -0.61 0.00	27.12 -0.74 0.00	19.15 -0.49 0.00	19.03 -0.45 0.00	18.98 -0.48 0.00	20.14 -0.51 0.00	21.88 -0.57 0.00	25.24 -0.68 0.00	46.24 -1.24 0.00	40.67 -1.11 0.00	29.45 -0.78 0.00	27.25 -0.75 0.00	21.88 -0.62 0.00	21.43 -0.62 0.00	20.59 -0.62 0.00	23.99 -0.69 0.00

OSWEGO___6 23613	19.31 -0.55 0.00	16.77 -0.48 0.00	17.51 -0.49 0.00	16.76 -0.49 0.00	14.41 -0.42 0.00	18.75 -0.51 0.00	27.69 -0.74 0.00	25.83 -0.72 0.00	21.90 -0.61 0.00	27.12 -0.74 0.00	19.15 -0.49 0.00	19.03 -0.45 0.00	18.98 -0.48 0.00	20.14 -0.51 0.00	21.88 -0.57 0.00	25.24 -0.68 0.00	46.24 -1.24 0.00	40.67 -1.11 0.00	29.45 -0.78 0.00	27.25 -0.75 0.00	21.88 -0.62 0.00	21.43 -0.62 0.00	20.59 -0.62 0.00	23.99 -0.69 0.00
OUTOKUMPU-AB___DRP 24206	18.51 -1.36 0.00	16.09 -1.15 0.00	16.79 -1.21 0.00	15.99 -1.26 0.00	13.75 -1.07 0.00	18.16 -1.10 0.00	26.90 -1.53 0.00	24.62 -1.94 0.00	20.55 -1.96 0.00	25.60 -2.26 0.00	18.15 -1.49 0.00	18.21 -1.28 0.00	17.98 -1.49 0.00	19.17 -1.48 0.00	20.07 -1.80 0.58	14.68 -2.24 8.99	28.37 -4.43 14.68	24.48 -4.12 13.18	17.20 -2.69 10.34	12.83 -2.61 12.57	13.14 -1.82 7.54	16.57 -1.84 3.64	19.46 -1.75 0.00	23.26 -1.42 0.00
OXBOW___BTM 323836	18.35 -1.52 0.00	15.96 -1.29 0.00	16.64 -1.36 0.00	15.85 -1.40 0.00	13.60 -1.22 0.00	17.99 -1.27 0.00	26.63 -1.81 0.00	24.33 -2.23 0.00	20.30 -2.21 0.00	25.29 -2.56 0.00	17.92 -1.72 0.00	17.98 -1.50 0.00	17.75 -1.71 0.00	18.92 -1.73 0.00	19.83 -2.06 0.56	14.68 -2.53 8.71	28.28 -4.99 14.21	24.38 -4.64 12.76	17.16 -3.06 10.02	12.91 -2.92 12.17	13.09 -2.10 7.30	16.39 -2.13 3.52	19.22 -1.99 0.00	22.99 -1.69 0.00
OXBOW____ 24026	18.35 -1.51 0.00	15.96 -1.29 0.00	16.64 -1.36 0.00	15.85 -1.40 0.00	13.63 -1.20 0.00	17.98 -1.27 0.00	26.64 -1.79 0.00	24.33 -2.22 0.00	20.31 -2.20 0.00	25.29 -2.57 0.00	17.92 -1.72 0.00	17.99 -1.50 0.00	17.75 -1.71 0.00	18.93 -1.72 0.00	19.83 -2.06 0.56	14.64 -2.57 8.71	28.23 -5.04 14.21	24.35 -4.68 12.76	17.14 -3.08 10.02	12.86 -2.97 12.17	13.10 -2.09 7.30	16.42 -2.10 3.52	19.22 -1.98 0.00	22.99 -1.69 0.00
OXY_CHEM_DSASP 323612	18.13 -1.73 0.00	15.77 -1.48 0.00	16.44 -1.56 0.00	15.65 -1.60 0.00	13.46 -1.37 0.00	17.74 -1.51 0.00	26.26 -2.17 0.00	23.95 -2.60 0.00	19.97 -2.54 0.00	24.87 -2.99 0.00	17.63 -2.01 0.00	17.69 -1.80 0.00	17.45 -2.01 0.00	18.60 -2.04 0.00	19.50 -2.41 0.54	14.49 -3.01 8.42	27.89 -5.86 13.73	24.03 -5.42 12.33	16.95 -3.60 9.68	12.78 -3.46 11.76	12.97 -2.47 7.06	16.18 -2.46 3.41	18.91 -2.29 0.00	22.63 -2.05 0.00
OZONE_PARK_ESR 323760	21.17 1.31 0.00	18.34 1.10 0.00	19.09 1.09 0.00	18.30 1.05 0.00	15.70 0.88 0.00	20.37 1.12 0.00	30.11 1.67 0.00	28.28 1.73 0.00	24.09 1.59 0.00	29.76 1.91 0.00	20.96 1.32 0.00	20.80 1.32 0.00	20.85 1.39 0.00	22.04 1.39 0.00	23.99 1.54 0.00	27.80 1.88 0.00	50.77 3.29 0.00	44.97 3.19 0.00	32.42 2.19 0.00	30.03 2.02 0.00	24.17 1.68 0.00	23.71 1.66 0.00	22.77 1.56 0.00	26.30 1.62 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	18.13 -1.73 0.00	15.77 -1.48 0.00	16.44 -1.56 0.00	15.65 -1.60 0.00	13.46 -1.37 0.00	17.74 -1.51 0.00	26.26 -2.17 0.00	23.95 -2.60 0.00	19.97 -2.54 0.00	24.87 -2.99 0.00	17.63 -2.01 0.00	17.69 -1.80 0.00	17.45 -2.01 0.00	18.60 -2.04 0.00	19.50 -2.41 0.54	14.49 -3.01 8.42	27.89 -5.86 13.73	24.03 -5.42 12.33	16.95 -3.60 9.68	12.78 -3.46 11.76	12.97 -2.47 7.06	16.18 -2.46 3.41	18.91 -2.29 0.00	22.63 -2.05 0.00
PACKARD___115KV_DUPONT_184 80571	18.13 -1.73 0.00	15.77 -1.48 0.00	16.44 -1.56 0.00	15.65 -1.60 0.00	13.46 -1.37 0.00	17.74 -1.51 0.00	26.26 -2.17 0.00	23.95 -2.60 0.00	19.97 -2.54 0.00	24.87 -2.99 0.00	17.63 -2.01 0.00	17.69 -1.80 0.00	17.45 -2.01 0.00	18.60 -2.04 0.00	19.50 -2.41 0.54	14.49 -3.01 8.42	27.89 -5.86 13.73	24.03 -5.42 12.33	16.95 -3.60 9.68	12.78 -3.46 11.76	12.97 -2.47 7.06	16.18 -2.46 3.41	18.91 -2.29 0.00	22.63 -2.05 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	20.99 1.13 0.00	18.18 0.93 0.00	18.93 0.93 0.00	18.15 0.91 0.00	15.58 0.76 0.00	20.20 0.94 0.00	29.84 1.41 0.00	28.00 1.44 0.00	23.85 1.35 0.00	29.44 1.58 0.00	20.74 1.10 0.00	20.55 1.07 0.00	20.59 1.13 0.00	21.75 1.10 0.00	23.70 1.25 0.00	27.47 1.55 0.00	50.20 2.72 0.00	44.41 2.63 0.00	32.01 1.78 0.00	29.67 1.66 0.00	23.90 1.40 0.00	23.43 1.38 0.00	22.50 1.30 0.00	26.00 1.33 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	21.04 1.18 0.00	18.23 0.98 0.00	18.98 0.98 0.00	18.22 0.97 0.00	15.58 0.76 0.00	20.20 0.95 0.00	29.87 1.44 0.00	28.07 1.51 0.00	23.93 1.42 0.00	29.51 1.66 0.00	20.76 1.12 0.00	20.57 1.09 0.00	20.62 1.16 0.00	21.78 1.14 0.00	23.74 1.29 0.00	27.52 1.60 0.00	50.28 2.80 0.00	44.49 2.71 0.00	32.12 1.89 0.00	29.71 1.71 0.00	23.92 1.42 0.00	23.44 1.40 0.00	22.52 1.32 0.00	26.04 1.36 0.00
PATROON___115KV_TB1 80586	20.70 0.84 0.00	17.99 0.74 0.00	18.81 0.80 0.00	18.02 0.77 0.00	15.49 0.67 0.00	20.07 0.81 0.00	29.61 1.18 0.00	27.62 1.06 0.00	23.44 0.94 0.00	28.95 1.10 0.00	20.33 0.69 0.00	20.06 0.57 0.00	20.07 0.61 0.00	21.33 0.68 0.00	23.25 0.80 0.00	26.90 0.98 0.00	49.17 1.69 0.00	43.33 1.55 0.00	31.36 1.13 0.00	29.00 1.00 0.00	23.29 0.78 0.00	22.78 0.73 0.00	21.93 0.72 0.00	25.50 0.82 0.00
PATTRSNVILLE___SOLAR 323815	20.54 0.68 0.00	17.84 0.59 0.00	18.63 0.63 0.00	17.86 0.61 0.00	15.35 0.52 0.00	19.93 0.68 0.00	29.45 1.02 0.00	27.48 0.92 0.00	23.22 0.71 0.00	28.85 1.00 0.00	20.24 0.60 0.00	19.96 0.48 0.00	20.00 0.54 0.00	21.30 0.66 0.00	23.20 0.75 0.00	26.91 0.99 0.00	49.27 1.79 0.00	43.42 1.64 0.00	31.39 1.16 0.00	29.03 1.03 0.00	23.28 0.78 0.00	22.81 0.76 0.00	21.93 0.72 0.00	25.49 0.82 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	19.04 -0.82 0.00	16.52 -0.73 0.00	17.24 -0.76 0.00	16.43 -0.82 0.00	14.11 -0.71 0.00	18.63 -0.62 0.00	27.55 -0.89 0.00	25.36 -1.20 0.00	21.27 -1.24 0.00	26.46 -1.39 0.00	18.79 -0.85 0.00	18.87 -0.62 0.00	18.62 -0.84 0.00	19.85 -0.79 0.00	20.82 -1.03 0.60	15.27 -1.31 9.34	29.79 -2.45 15.24	25.81 -2.28 13.69	18.13 -1.35 10.75	13.66 -1.29 13.06	13.77 -0.89 7.83	17.37 -0.90 3.77	20.26 -0.94 0.00	24.09 -0.59 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	21.00 1.14 0.00	18.22 0.97 0.00	18.98 0.98 0.00	18.20 0.95 0.00	15.63 0.80 0.00	20.26 1.01 0.00	29.92 1.49 0.00	28.10 1.54 0.00	23.91 1.40 0.00	29.51 1.66 0.00	20.78 1.14 0.00	20.62 1.13 0.00	20.66 1.20 0.00	21.85 1.21 0.00	23.79 1.34 0.00	27.57 1.65 0.00	50.38 2.90 0.00	44.60 2.81 0.00	32.20 1.96 0.00	29.81 1.80 0.00	23.97 1.47 0.00	23.48 1.44 0.00	22.55 1.35 0.00	26.09 1.41 0.00
PEEKSKILL____ 23653	20.83 0.97 0.00	18.07 0.83 0.00	18.83 0.83 0.00	18.05 0.80 0.00	15.49 0.67 0.00	20.09 0.83 0.00	29.65 1.22 0.00	27.85 1.29 0.00	23.68 1.18 0.00	29.24 1.38 0.00	20.59 0.95 0.00	20.44 0.95 0.00	20.47 1.01 0.00	21.64 0.99 0.00	23.55 1.10 0.00	27.29 1.37 0.00	49.83 2.35 0.00	44.11 2.33 0.00	31.82 1.58 0.00	29.47 1.47 0.00	23.72 1.23 0.00	23.28 1.23 0.00	22.37 1.17 0.00	25.90 1.22 0.00

PGE MADISON___WINDPWR 24146	20.50 0.63 0.00	17.54 0.30 0.00	18.30 0.30 0.00	17.47 0.22 0.00	15.10 0.27 0.00	20.01 0.75 0.00	29.74 1.31 0.00	27.91 1.36 0.00	23.66 1.16 0.00	29.32 1.46 0.00	20.74 1.11 0.00	20.50 1.01 0.00	20.43 0.97 0.00	21.73 1.09 0.00	23.85 1.28 -0.11	29.10 1.41 -1.76	53.21 2.86 -2.88	47.25 2.89 -2.58	34.22 1.96 -2.03	31.85 1.38 -2.46	25.14 1.16 -1.48	23.71 0.95 -0.71	21.69 0.48 0.00	25.20 0.52 0.00
PIERCEFIELD___HYD 23852	20.39 0.52 0.00	17.61 0.36 0.00	18.11 0.11 -0.01	13.50 0.00 3.75	16.88 0.05 -2.00	31.54 0.22 -12.06	61.23 0.55 -32.25	58.21 0.61 -31.04	51.30 0.39 -28.39	59.81 0.14 -31.82	46.63 0.36 -26.62	46.27 0.28 -26.50	46.25 0.30 -26.49	39.00 0.35 -18.00	29.87 0.67 -6.75	31.35 1.14 -4.29	77.11 2.99 -26.65	44.42 2.64 0.00	43.88 1.50 -12.15	61.35 1.27 -32.08	51.84 0.84 -28.50	50.79 0.56 -28.18	49.22 0.38 -27.63	52.72 0.42 -27.62
PINELAWN_CC_1 323563	21.26 1.40 0.00	18.40 1.15 0.00	18.99 0.99 0.00	18.25 1.00 0.00	15.70 0.87 0.00	20.33 1.08 0.00	29.65 1.22 0.00	27.60 1.04 0.00	24.09 1.58 0.00	29.82 1.96 0.00	20.94 1.30 0.00	20.64 1.15 0.00	20.83 1.37 0.00	22.10 1.45 0.00	24.84 1.72 -0.66	31.39 2.12 -3.36	50.51 3.03 0.00	44.36 2.58 0.00	32.03 1.80 0.00	29.87 1.86 0.00	24.16 1.66 0.00	23.63 1.58 0.00	22.77 1.57 0.00	26.29 1.62 0.00
PJM_GEN_HTP_PROXY 323702	20.97 1.11 0.00	18.18 0.93 0.00	18.93 0.94 0.00	18.15 0.90 0.00	15.58 0.76 0.00	20.43 0.95 -0.22	29.83 1.40 0.00	28.03 1.47 0.00	23.88 1.37 0.00	29.48 1.63 0.00	20.77 1.13 0.00	20.60 1.12 0.00	20.65 1.19 0.00	21.83 1.18 0.00	23.76 1.31 0.00	27.52 1.60 0.00	49.41 2.77 0.84	44.49 2.71 0.00	32.78 1.84 -0.71	29.70 1.70 0.00	23.91 1.42 0.00	23.46 1.42 0.00	22.54 1.34 0.00	26.05 1.38 0.00
PJM_GEN_KEystone 24065	19.77 -0.09 0.00	17.16 -0.08 0.00	17.91 -0.09 0.00	17.15 -0.13 -0.03	14.67 -0.16 0.00	19.40 -0.08 -0.22	28.30 -0.13 0.00	29.60 -0.09 -3.13	22.36 -0.14 0.00	27.67 -0.19 0.00	19.53 -0.11 0.00	19.52 0.04 0.00	19.43 -0.03 0.00	20.60 -0.04 0.00	22.24 -0.10 0.11	22.52 -0.16 3.24	47.19 -0.38 -0.09	38.91 -0.32 2.56	28.78 -0.16 1.30	25.44 -0.13 2.44	20.94 -0.09 1.46	21.33 -0.01 0.70	21.17 -0.03 0.00	24.76 0.08 0.00
PJM_GEN_NEPTUNE_PROXY 323594	21.07 1.21 0.00	18.25 1.00 0.00	18.86 0.86 0.00	18.11 0.86 0.00	15.59 0.77 0.00	20.40 0.92 -0.22	29.49 1.05 0.00	27.47 0.92 0.00	23.86 1.35 0.00	29.53 1.67 0.00	20.77 1.13 0.00	20.52 1.03 0.00	20.69 1.23 0.00	21.93 1.28 0.00	24.30 1.50 -0.34	29.50 1.83 -1.75	49.26 2.62 0.84	44.06 2.28 0.00	32.49 1.55 -0.71	29.59 1.59 0.00	23.91 1.42 0.00	23.42 1.37 0.00	22.55 1.35 0.00	26.05 1.38 0.00
PJM_GEN_VFT_PROXY 323633	20.97 1.12 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.13 0.88 0.00	15.55 0.73 0.00	20.39 0.91 -0.22	29.79 1.36 0.00	27.99 1.44 0.00	23.83 1.32 0.00	29.42 1.57 0.00	20.72 1.09 0.00	20.57 1.08 0.00	20.61 1.16 0.00	21.79 1.14 0.00	23.72 1.26 0.00	27.48 1.56 0.00	49.34 2.70 0.84	44.44 2.66 0.00	32.74 1.80 -0.71	29.66 1.66 0.00	23.88 1.39 0.00	23.45 1.40 0.00	22.53 1.32 0.00	26.04 1.36 0.00
PLATSBURG_115KV_PMLD1 355749	19.85 -0.01 0.00	17.09 -0.16 0.00	17.51 -0.48 0.01	8.12 -0.52 8.61	11.33 -0.45 3.05	0.38 -0.52 18.35	-21.32 -0.69 49.06	-21.30 -0.63 47.22	-21.26 -0.57 43.19	-21.32 -0.77 48.41	-21.31 -0.45 40.50	-21.26 -0.43 40.32	-21.27 -0.43 40.30	-7.19 -0.45 27.39	11.79 -0.39 10.27	17.00 -0.45 8.47	6.21 -0.73 40.54	41.21 -0.57 0.00	11.28 -0.47 18.48	-21.32 -0.52 48.80	-21.29 -0.44 43.35	-21.30 -0.47 42.88	-21.30 -0.47 42.03	-17.77 -0.43 42.02
PLEASANTVLY___LBMP 24000	20.74 0.88 0.00	18.00 0.76 0.00	18.78 0.77 0.00	18.00 0.75 0.00	15.45 0.63 0.00	20.01 0.76 0.00	29.52 1.09 0.00	27.70 1.14 0.00	23.56 1.06 0.00	29.09 1.24 0.00	20.49 0.86 0.00	20.33 0.84 0.00	20.36 0.89 0.00	21.54 0.89 0.00	23.45 0.99 0.00	27.15 1.23 0.00	49.58 2.10 0.00	43.85 2.06 0.00	31.64 1.41 0.00	29.32 1.32 0.00	23.59 1.09 0.00	23.13 1.09 0.00	22.24 1.04 0.00	25.75 1.08 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	20.89 1.03 0.00	18.13 0.88 0.00	18.89 0.89 0.00	18.10 0.84 0.00	15.53 0.71 0.00	20.13 0.88 0.00	29.72 1.29 0.00	27.91 1.36 0.00	23.75 1.24 0.00	29.33 1.48 0.00	20.66 1.02 0.00	20.49 1.01 0.00	20.53 1.07 0.00	21.71 1.07 0.00	23.64 1.19 0.00	27.39 1.47 0.00	50.00 2.52 0.00	44.25 2.46 0.00	31.91 1.68 0.00	29.57 1.56 0.00	23.79 1.29 0.00	23.34 1.29 0.00	22.42 1.22 0.00	25.95 1.28 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.89 1.03 0.00	18.13 0.88 0.00	18.89 0.89 0.00	18.10 0.84 0.00	15.53 0.71 0.00	20.13 0.88 0.00	29.72 1.29 0.00	27.91 1.36 0.00	23.75 1.24 0.00	29.33 1.48 0.00	20.66 1.02 0.00	20.49 1.01 0.00	20.53 1.07 0.00	21.71 1.07 0.00	23.64 1.19 0.00	27.39 1.47 0.00	50.00 2.52 0.00	44.25 2.46 0.00	31.91 1.68 0.00	29.57 1.56 0.00	23.79 1.29 0.00	23.34 1.29 0.00	22.42 1.22 0.00	25.95 1.28 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.88 1.01 0.00	18.13 0.88 0.00	18.90 0.90 0.00	18.12 0.87 0.00	15.56 0.73 0.00	20.16 0.90 0.00	29.76 1.33 0.00	27.92 1.36 0.00	23.73 1.23 0.00	29.28 1.42 0.00	20.60 0.96 0.00	20.45 0.96 0.00	20.46 1.00 0.00	21.69 1.04 0.00	23.62 1.17 0.00	27.37 1.45 0.00	50.02 2.55 0.00	44.28 2.49 0.00	31.96 1.73 0.00	29.60 1.60 0.00	23.80 1.30 0.00	23.32 1.27 0.00	22.40 1.20 0.00	25.93 1.26 0.00
POLETTI_____ 23519	20.99 1.13 0.00	18.18 0.93 0.00	18.93 0.93 0.00	18.14 0.89 0.00	15.57 0.75 0.00	20.19 0.94 0.00	29.81 1.38 0.00	28.00 1.44 0.00	23.85 1.34 0.00	29.46 1.60 0.00	20.75 1.11 0.00	20.60 1.11 0.00	20.65 1.19 0.00	21.82 1.18 0.00	23.75 1.29 0.00	27.51 1.59 0.00	50.24 2.76 0.00	44.50 2.71 0.00	32.07 1.83 0.00	29.70 1.69 0.00	23.91 1.41 0.00	23.45 1.41 0.00	22.54 1.34 0.00	26.05 1.37 0.00
POMONA___ESR 323819	20.83 0.97 0.00	18.08 0.83 0.00	18.84 0.84 0.00	18.06 0.81 0.00	15.50 0.68 0.00	20.10 0.84 0.00	29.68 1.24 0.00	27.87 1.32 0.00	23.68 1.17 0.00	29.23 1.38 0.00	20.60 0.97 0.00	20.44 0.95 0.00	20.47 1.01 0.00	21.64 0.99 0.00	23.55 1.09 0.00	27.27 1.35 0.00	49.81 2.34 0.00	44.08 2.30 0.00	31.80 1.57 0.00	29.46 1.46 0.00	23.72 1.23 0.00	23.29 1.24 0.00	22.39 1.19 0.00	25.93 1.25 0.00
PORT_JEFF_3 23555	21.27 1.40 0.00	18.39 1.15 0.00	18.94 0.94 0.00	18.24 0.99 0.00	15.67 0.84 0.00	20.29 1.04 0.00	29.51 1.08 0.00	27.39 0.84 0.00	24.03 1.53 0.00	29.73 1.87 0.00	20.86 1.22 0.00	20.53 1.05 0.00	20.80 1.34 0.00	22.11 1.47 0.00	24.85 1.74 -0.66	31.40 2.12 -3.36	50.41 2.93 0.00	44.24 2.46 0.00	31.97 1.73 0.00	29.87 1.86 0.00	24.21 1.71 0.00	23.66 1.61 0.00	22.79 1.59 0.00	26.31 1.64 0.00

PORT_JEFF_4 23616	21.27 1.40 0.00	18.39 1.15 0.00	18.94 0.94 0.00	18.24 0.99 0.00	15.67 0.84 0.00	20.29 1.04 0.00	29.51 1.08 0.00	27.39 0.84 0.00	24.03 1.53 0.00	29.73 1.87 0.00	20.86 1.22 0.00	20.53 1.05 0.00	20.80 1.34 0.00	22.11 1.47 0.00	24.85 1.74 -0.66	31.40 2.12 -3.36	50.41 2.93 0.00	44.24 2.46 0.00	31.97 1.73 0.00	29.87 1.86 0.00	24.21 1.71 0.00	23.66 1.61 0.00	22.79 1.59 0.00	26.31 1.64 0.00
PORT_JEFF_IC 23713	21.28 1.42 0.00	18.41 1.16 0.00	18.95 0.95 0.00	18.25 1.00 0.00	15.67 0.85 0.00	20.30 1.04 0.00	29.52 1.08 0.00	27.39 0.84 0.00	24.04 1.53 0.00	29.75 1.90 0.00	20.86 1.22 0.00	20.53 1.05 0.00	20.81 1.35 0.00	22.13 1.48 0.00	24.87 1.76 -0.66	31.45 2.16 -3.36	50.47 2.99 0.00	44.32 2.54 0.00	32.01 1.77 0.00	29.92 1.91 0.00	24.24 1.75 0.00	23.68 1.64 0.00	22.81 1.61 0.00	26.34 1.66 0.00
PPL_PILGRIM_ST_GT1 24216	21.33 1.47 0.00	18.46 1.21 0.00	19.03 1.03 0.00	18.30 1.06 0.00	15.74 0.91 0.00	20.38 1.12 0.00	29.66 1.22 0.00	27.57 1.02 0.00	24.14 1.63 0.00	29.87 2.01 0.00	20.99 1.35 0.00	20.68 1.20 0.00	20.90 1.44 0.00	22.20 1.55 0.00	24.94 1.83 -0.66	31.48 2.20 -3.36	50.32 2.84 0.00	44.04 2.26 0.00	31.81 1.58 0.00	29.84 1.84 0.00	24.24 1.74 0.00	23.69 1.64 0.00	22.83 1.63 0.00	26.36 1.68 0.00
PPL_PILGRIM_ST_GT2 24217	21.33 1.47 0.00	18.46 1.21 0.00	19.03 1.03 0.00	18.30 1.06 0.00	15.74 0.91 0.00	20.38 1.12 0.00	29.66 1.22 0.00	27.57 1.02 0.00	24.14 1.63 0.00	29.87 2.01 0.00	20.99 1.35 0.00	20.68 1.20 0.00	20.90 1.44 0.00	22.20 1.55 0.00	24.94 1.83 -0.66	31.48 2.20 -3.36	50.32 2.84 0.00	44.04 2.26 0.00	31.81 1.58 0.00	29.84 1.84 0.00	24.24 1.74 0.00	23.69 1.64 0.00	22.83 1.63 0.00	26.36 1.68 0.00
PPL_SHRM_GT3 24213	21.26 1.40 0.00	18.38 1.13 0.00	18.86 0.86 0.00	18.21 0.96 0.00	15.60 0.77 0.00	20.20 0.95 0.00	29.35 0.92 0.00	27.09 0.53 0.00	23.96 1.45 0.00	29.61 1.76 0.00	20.62 0.98 0.00	20.25 0.77 0.00	20.67 1.22 0.00	22.06 1.41 0.00	24.80 1.69 -0.66	31.40 2.12 -3.36	50.42 2.94 0.00	44.20 2.42 0.00	31.96 1.72 0.00	29.95 1.94 0.00	24.32 1.82 0.00	23.74 1.69 0.00	22.81 1.61 0.00	26.33 1.65 0.00
PPL_SHRM_GT4 24214	21.26 1.40 0.00	18.38 1.13 0.00	18.86 0.86 0.00	18.21 0.96 0.00	15.60 0.77 0.00	20.20 0.95 0.00	29.35 0.92 0.00	27.09 0.53 0.00	23.96 1.45 0.00	29.61 1.76 0.00	20.62 0.98 0.00	20.25 0.77 0.00	20.67 1.22 0.00	22.06 1.41 0.00	24.80 1.69 -0.66	31.40 2.12 -3.36	50.42 2.94 0.00	44.20 2.42 0.00	31.96 1.72 0.00	29.95 1.94 0.00	24.32 1.82 0.00	23.74 1.69 0.00	22.81 1.61 0.00	26.33 1.65 0.00
PROJECT___ORANGE 1 24174	19.51 -0.35 0.00	16.94 -0.31 0.00	17.69 -0.31 0.00	16.94 -0.31 0.00	14.56 -0.27 0.00	18.97 -0.29 0.00	28.03 -0.40 0.00	26.17 -0.39 0.00	22.18 -0.33 0.00	27.46 -0.39 0.00	19.39 -0.25 0.00	19.30 -0.19 0.00	19.23 -0.23 0.00	20.42 -0.23 0.00	22.18 -0.27 0.00	25.57 -0.35 0.00	46.84 -0.64 0.00	41.16 -0.62 0.00	29.81 -0.43 0.00	27.58 -0.42 0.00	22.13 -0.36 0.00	21.68 -0.36 0.00	20.82 -0.38 0.00	24.25 -0.42 0.00
PROJECT___ORANGE 2 24166	19.51 -0.35 0.00	16.94 -0.31 0.00	17.69 -0.31 0.00	16.94 -0.31 0.00	14.56 -0.27 0.00	18.97 -0.29 0.00	28.03 -0.40 0.00	26.17 -0.39 0.00	22.18 -0.33 0.00	27.46 -0.39 0.00	19.39 -0.25 0.00	19.30 -0.19 0.00	19.23 -0.23 0.00	20.42 -0.23 0.00	22.18 -0.27 0.00	25.57 -0.35 0.00	46.84 -0.64 0.00	41.16 -0.62 0.00	29.81 -0.43 0.00	27.58 -0.42 0.00	22.13 -0.36 0.00	21.68 -0.36 0.00	20.82 -0.38 0.00	24.25 -0.42 0.00
PUCKETT___SOLAR 323809	19.88 0.02 0.00	17.20 -0.05 0.00	17.97 -0.03 0.00	17.17 -0.08 0.00	14.75 -0.08 0.00	19.31 0.06 0.00	28.64 0.20 0.00	26.84 0.28 0.00	22.68 0.17 0.00	28.13 0.28 0.00	19.81 0.17 0.00	19.70 0.22 0.00	19.62 0.16 0.00	20.80 0.15 0.00	22.68 0.22 0.00	26.14 0.22 0.00	48.00 0.52 0.00	42.33 0.55 0.00	30.69 0.45 0.00	28.31 0.31 0.00	22.71 0.21 0.00	22.25 0.21 0.00	21.21 0.00 0.00	24.67 -0.01 0.00
PYRITES___HYD 24023	20.89 1.03 0.00	18.08 0.84 0.00	18.59 0.58 -0.01	13.96 0.46 3.75	17.28 0.46 -2.00	32.11 0.79 -12.06	62.15 1.47 -32.25	59.06 1.46 -31.04	51.95 1.05 -28.39	60.39 0.72 -31.82	47.11 0.85 -26.62	46.68 0.70 -26.50	46.66 0.71 -26.49	39.43 0.77 -18.00	30.48 1.28 -6.75	32.13 1.93 -4.29	78.67 4.55 -26.65	45.89 4.11 0.00	44.96 2.58 -12.15	62.33 2.25 -32.08	52.57 1.58 -28.50	51.47 1.24 -28.18	49.82 0.99 -27.63	53.40 1.11 -27.62
QUAKERRD_115KV_BK1 80622	18.72 -1.14 0.00	16.26 -0.98 0.00	16.96 -1.03 0.00	16.21 -1.04 0.00	13.94 -0.88 0.00	18.26 -1.00 0.00	27.04 -1.39 0.00	25.05 -1.50 0.00	21.11 -1.40 0.00	26.19 -1.66 0.00	18.51 -1.12 0.00	18.49 -1.00 0.00	18.37 -1.09 0.00	19.54 -1.11 0.00	21.16 -1.30 0.00	24.31 -1.61 0.00	44.43 -3.05 0.00	38.99 -2.79 0.00	28.33 -1.91 0.00	26.14 -1.87 0.00	21.03 -1.46 0.00	20.56 -1.49 0.00	19.80 -1.40 0.00	23.28 -1.40 0.00
QUEENSBRY_115KV_TB8 356137	20.75 0.89 0.00	18.01 0.77 0.00	18.81 0.81 0.00	18.06 0.81 0.00	15.53 0.71 0.00	20.26 1.00 0.00	29.97 1.54 0.00	27.95 1.39 0.00	23.74 1.23 0.00	29.50 1.65 0.00	20.54 0.90 0.00	20.21 0.73 0.00	20.23 0.77 0.00	21.59 0.94 0.00	23.59 1.14 0.00	27.31 1.39 0.00	50.09 2.61 0.00	44.10 2.32 0.00	31.99 1.76 0.00	29.57 1.56 0.00	23.55 1.05 0.00	23.00 0.95 0.00	22.23 1.03 0.00	25.88 1.21 0.00
RAMAPO___LBMP 323565	20.77 0.91 0.00	18.02 0.78 0.00	18.78 0.77 0.00	18.00 0.75 0.00	15.44 0.62 0.00	20.03 0.78 0.00	29.58 1.15 0.00	27.79 1.23 0.00	23.60 1.09 0.00	29.12 1.27 0.00	20.52 0.89 0.00	20.36 0.88 0.00	20.39 0.92 0.00	21.56 0.91 0.00	23.46 1.00 0.00	27.18 1.26 0.00	49.63 2.15 0.00	43.92 2.14 0.00	31.70 1.46 0.00	29.36 1.36 0.00	23.64 1.14 0.00	23.21 1.16 0.00	22.31 1.11 0.00	25.85 1.17 0.00
RANKINE____ 23646	18.63 -1.23 0.00	16.17 -1.08 0.00	16.87 -1.12 0.00	16.08 -1.17 0.00	13.82 -1.00 0.00	18.26 -0.99 0.00	27.05 -1.39 0.00	24.83 -1.73 0.00	20.79 -1.72 0.00	25.89 -1.96 0.00	18.37 -1.26 0.00	18.45 -1.04 0.00	18.19 -1.27 0.00	19.39 -1.26 0.00	20.20 -1.55 0.71	13.05 -1.95 10.92	25.91 -3.75 17.82	22.29 -3.49 16.01	15.44 -2.23 12.56	10.60 -2.14 15.27	11.77 -1.58 9.16	16.05 -1.58 4.41	19.68 -1.52 0.00	23.46 -1.21 0.00
RAVENSWOOD_GT2_1 24244	20.99 1.14 0.00	18.19 0.95 0.00	18.95 0.95 0.00	18.16 0.91 0.00	15.59 0.77 0.00	20.21 0.96 0.00	29.86 1.42 0.00	28.04 1.49 0.00	23.88 1.37 0.00	29.49 1.64 0.00	20.77 1.14 0.00	20.62 1.13 0.00	20.66 1.20 0.00	21.84 1.19 0.00	23.77 1.32 0.00	27.54 1.62 0.00	50.28 2.81 0.00	44.53 2.75 0.00	32.10 1.87 0.00	29.73 1.73 0.00	23.94 1.44 0.00	23.49 1.44 0.00	22.56 1.36 0.00	26.08 1.40 0.00

RAVENSWOOD_GT2_2 24245	20.99 1.14 0.00	18.19 0.95 0.00	18.95 0.95 0.00	18.16 0.91 0.00	15.59 0.77 0.00	20.21 0.96 0.00	29.86 1.42 0.00	28.04 1.49 0.00	23.88 1.37 0.00	29.49 1.64 0.00	20.77 1.14 0.00	20.62 1.13 0.00	20.66 1.20 0.00	21.84 1.19 0.00	23.77 1.32 0.00	27.54 1.62 0.00	50.28 2.81 0.00	44.53 2.75 0.00	32.10 1.87 0.00	29.73 1.73 0.00	23.94 1.44 0.00	23.49 1.44 0.00	22.56 1.36 0.00	26.08 1.40 0.00
RAVENSWOOD_GT2_3 24246	21.00 1.14 0.00	18.21 0.96 0.00	18.96 0.96 0.00	18.17 0.92 0.00	15.60 0.77 0.00	20.23 0.97 0.00	29.87 1.43 0.00	28.05 1.50 0.00	23.90 1.39 0.00	29.52 1.66 0.00	20.78 1.15 0.00	20.63 1.14 0.00	20.67 1.21 0.00	21.85 1.20 0.00	23.78 1.33 0.00	27.56 1.64 0.00	50.32 2.84 0.00	44.55 2.76 0.00	32.12 1.89 0.00	29.76 1.75 0.00	23.95 1.45 0.00	23.49 1.44 0.00	22.57 1.37 0.00	26.09 1.41 0.00
RAVENSWOOD_GT2_4 24247	21.00 1.14 0.00	18.21 0.96 0.00	18.96 0.96 0.00	18.17 0.92 0.00	15.60 0.77 0.00	20.23 0.97 0.00	29.87 1.43 0.00	28.05 1.50 0.00	23.90 1.39 0.00	29.52 1.66 0.00	20.78 1.15 0.00	20.63 1.14 0.00	20.67 1.21 0.00	21.85 1.20 0.00	23.78 1.33 0.00	27.56 1.64 0.00	50.32 2.84 0.00	44.55 2.76 0.00	32.12 1.89 0.00	29.76 1.75 0.00	23.95 1.45 0.00	23.49 1.44 0.00	22.57 1.37 0.00	26.09 1.41 0.00
RAVENSWOOD_GT3_1 24248	21.00 1.14 0.00	18.19 0.95 0.00	18.95 0.95 0.00	18.16 0.92 0.00	15.59 0.77 0.00	20.22 0.97 0.00	29.86 1.43 0.00	28.04 1.49 0.00	23.89 1.38 0.00	29.50 1.65 0.00	20.78 1.14 0.00	20.62 1.13 0.00	20.67 1.21 0.00	21.84 1.19 0.00	23.77 1.32 0.00	27.54 1.62 0.00	50.29 2.81 0.00	44.53 2.75 0.00	32.10 1.87 0.00	29.73 1.73 0.00	23.94 1.44 0.00	23.49 1.44 0.00	22.56 1.36 0.00	26.08 1.40 0.00
RAVENSWOOD_GT3_2 24249	21.00 1.14 0.00	18.19 0.95 0.00	18.95 0.95 0.00	18.16 0.92 0.00	15.59 0.77 0.00	20.22 0.97 0.00	29.86 1.43 0.00	28.04 1.49 0.00	23.89 1.38 0.00	29.50 1.65 0.00	20.78 1.14 0.00	20.62 1.13 0.00	20.67 1.21 0.00	21.84 1.19 0.00	23.77 1.32 0.00	27.54 1.62 0.00	50.29 2.81 0.00	44.53 2.75 0.00	32.10 1.87 0.00	29.73 1.73 0.00	23.94 1.44 0.00	23.49 1.44 0.00	22.56 1.36 0.00	26.08 1.40 0.00
RAVENSWOOD_GT3_3 24250	21.02 1.16 0.00	18.22 0.98 0.00	18.97 0.98 0.00	18.19 0.94 0.00	15.61 0.79 0.00	20.25 0.99 0.00	29.90 1.46 0.00	28.09 1.53 0.00	23.92 1.41 0.00	29.54 1.69 0.00	20.81 1.17 0.00	20.66 1.17 0.00	20.70 1.24 0.00	21.88 1.23 0.00	23.82 1.36 0.00	27.59 1.67 0.00	50.37 2.89 0.00	44.59 2.81 0.00	32.15 1.92 0.00	29.78 1.78 0.00	23.98 1.48 0.00	23.51 1.47 0.00	22.59 1.39 0.00	26.11 1.44 0.00
RAVENSWOOD_GT3_4 24251	21.02 1.16 0.00	18.22 0.98 0.00	18.97 0.98 0.00	18.19 0.94 0.00	15.61 0.79 0.00	20.25 0.99 0.00	29.90 1.46 0.00	28.09 1.53 0.00	23.92 1.41 0.00	29.54 1.69 0.00	20.81 1.17 0.00	20.66 1.17 0.00	20.70 1.24 0.00	21.88 1.23 0.00	23.82 1.36 0.00	27.59 1.67 0.00	50.37 2.89 0.00	44.59 2.81 0.00	32.15 1.92 0.00	29.78 1.78 0.00	23.98 1.48 0.00	23.51 1.47 0.00	22.59 1.39 0.00	26.11 1.44 0.00
RAVENSWOOD_GT_1 23729	21.02 1.16 0.00	18.21 0.96 0.00	18.96 0.96 0.00	18.18 0.93 0.00	15.61 0.79 0.00	20.24 0.99 0.00	29.89 1.46 0.00	28.09 1.54 0.00	23.92 1.42 0.00	29.54 1.69 0.00	20.81 1.17 0.00	20.66 1.18 0.00	20.70 1.24 0.00	21.87 1.22 0.00	23.81 1.36 0.00	27.59 1.67 0.00	50.35 2.87 0.00	44.58 2.80 0.00	32.13 1.90 0.00	29.76 1.76 0.00	23.98 1.48 0.00	23.51 1.46 0.00	22.58 1.38 0.00	26.09 1.41 0.00
RAVENSWOOD_GT_10 24258	21.00 1.14 0.00	18.20 0.95 0.00	18.95 0.95 0.00	18.17 0.92 0.00	15.59 0.77 0.00	20.22 0.97 0.00	29.86 1.43 0.00	28.04 1.49 0.00	23.89 1.38 0.00	29.50 1.65 0.00	20.78 1.14 0.00	20.62 1.13 0.00	20.67 1.21 0.00	21.84 1.20 0.00	23.77 1.32 0.00	27.54 1.62 0.00	50.29 2.81 0.00	44.54 2.75 0.00	32.10 1.87 0.00	29.74 1.74 0.00	23.94 1.45 0.00	23.49 1.44 0.00	22.56 1.36 0.00	26.08 1.40 0.00
RAVENSWOOD_GT_11 24259	21.00 1.14 0.00	18.20 0.95 0.00	18.95 0.95 0.00	18.17 0.92 0.00	15.59 0.77 0.00	20.22 0.97 0.00	29.86 1.43 0.00	28.04 1.49 0.00	23.89 1.38 0.00	29.50 1.65 0.00	20.78 1.14 0.00	20.62 1.13 0.00	20.67 1.21 0.00	21.84 1.20 0.00	23.77 1.32 0.00	27.54 1.62 0.00	50.29 2.81 0.00	44.54 2.75 0.00	32.10 1.87 0.00	29.74 1.74 0.00	23.94 1.45 0.00	23.49 1.44 0.00	22.56 1.36 0.00	26.08 1.40 0.00
RAVENSWOOD_GT_4 24252	21.00 1.14 0.00	18.21 0.96 0.00	18.96 0.96 0.00	18.17 0.92 0.00	15.60 0.77 0.00	20.23 0.97 0.00	29.87 1.43 0.00	28.05 1.49 0.00	23.89 1.38 0.00	29.51 1.66 0.00	20.78 1.14 0.00	20.62 1.14 0.00	20.67 1.21 0.00	21.84 1.20 0.00	23.78 1.33 0.00	27.55 1.64 0.00	50.30 2.82 0.00	44.54 2.76 0.00	32.12 1.88 0.00	29.74 1.74 0.00	23.95 1.45 0.00	23.49 1.44 0.00	22.57 1.37 0.00	26.09 1.41 0.00
RAVENSWOOD_GT_5 24254	21.00 1.14 0.00	18.21 0.96 0.00	18.96 0.96 0.00	18.17 0.92 0.00	15.60 0.77 0.00	20.23 0.97 0.00	29.87 1.43 0.00	28.05 1.49 0.00	23.89 1.38 0.00	29.51 1.66 0.00	20.78 1.14 0.00	20.62 1.14 0.00	20.67 1.21 0.00	21.84 1.20 0.00	23.78 1.33 0.00	27.55 1.64 0.00	50.30 2.82 0.00	44.54 2.76 0.00	32.12 1.88 0.00	29.74 1.74 0.00	23.95 1.45 0.00	23.49 1.44 0.00	22.57 1.37 0.00	26.09 1.41 0.00
RAVENSWOOD_GT_6 24253	21.00 1.14 0.00	18.21 0.96 0.00	18.96 0.96 0.00	18.17 0.92 0.00	15.60 0.77 0.00	20.23 0.97 0.00	29.87 1.43 0.00	28.05 1.49 0.00	23.89 1.38 0.00	29.51 1.66 0.00	20.78 1.14 0.00	20.62 1.14 0.00	20.67 1.21 0.00	21.84 1.20 0.00	23.78 1.33 0.00	27.55 1.64 0.00	50.30 2.82 0.00	44.54 2.76 0.00	32.12 1.88 0.00	29.74 1.74 0.00	23.95 1.45 0.00	23.49 1.44 0.00	22.57 1.37 0.00	26.09 1.41 0.00
RAVENSWOOD_GT_7 24255	21.00 1.14 0.00	18.21 0.96 0.00	18.96 0.96 0.00	18.17 0.92 0.00	15.60 0.77 0.00	20.23 0.97 0.00	29.87 1.43 0.00	28.05 1.49 0.00	23.89 1.38 0.00	29.51 1.66 0.00	20.78 1.14 0.00	20.62 1.14 0.00	20.67 1.21 0.00	21.84 1.20 0.00	23.78 1.33 0.00	27.55 1.64 0.00	50.30 2.82 0.00	44.54 2.76 0.00	32.12 1.88 0.00	29.74 1.74 0.00	23.95 1.45 0.00	23.49 1.44 0.00	22.57 1.37 0.00	26.09 1.41 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.00 1.14 0.00	18.20 0.95 0.00	18.95 0.95 0.00	18.17 0.92 0.00	15.59 0.77 0.00	20.22 0.97 0.00	29.86 1.43 0.00	28.04 1.49 0.00	23.89 1.38 0.00	29.50 1.65 0.00	20.78 1.14 0.00	20.62 1.13 0.00	20.67 1.21 0.00	21.84 1.20 0.00	23.77 1.32 0.00	27.54 1.62 0.00	50.29 2.81 0.00	44.54 2.75 0.00	32.10 1.87 0.00	29.74 1.74 0.00	23.94 1.45 0.00	23.49 1.44 0.00	22.56 1.36 0.00	26.08 1.40 0.00

RAVENSWOOD_GT_9 24257	21.00 1.14 0.00	18.20 0.95 0.00	18.95 0.95 0.00	18.17 0.92 0.00	15.59 0.77 0.00	20.22 0.97 0.00	29.86 1.43 0.00	28.04 1.49 0.00	23.89 1.38 0.00	29.50 1.65 0.00	20.78 1.14 0.00	20.62 1.13 0.00	20.67 1.21 0.00	21.84 1.20 0.00	23.77 1.32 0.00	27.54 1.62 0.00	50.29 2.81 0.00	44.54 2.75 0.00	32.10 1.87 0.00	29.74 1.74 0.00	23.94 1.45 0.00	23.49 1.44 0.00	22.56 1.36 0.00	26.08 1.40 0.00
RAVENSWOOD___1 23533	20.98 1.12 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.15 0.90 0.00	15.58 0.76 0.00	20.20 0.95 0.00	29.83 1.40 0.00	28.04 1.48 0.00	23.88 1.37 0.00	29.48 1.63 0.00	20.77 1.13 0.00	20.62 1.13 0.00	20.65 1.19 0.00	21.82 1.17 0.00	23.76 1.31 0.00	27.53 1.61 0.00	50.27 2.79 0.00	44.50 2.72 0.00	32.08 1.85 0.00	29.72 1.72 0.00	23.93 1.43 0.00	23.47 1.42 0.00	22.54 1.34 0.00	26.04 1.36 0.00
RAVENSWOOD___2 23534	20.98 1.12 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.15 0.90 0.00	15.58 0.76 0.00	20.20 0.95 0.00	29.83 1.40 0.00	28.04 1.48 0.00	23.88 1.37 0.00	29.48 1.63 0.00	20.77 1.13 0.00	20.62 1.13 0.00	20.65 1.19 0.00	21.82 1.17 0.00	23.76 1.31 0.00	27.53 1.61 0.00	50.27 2.79 0.00	44.50 2.72 0.00	32.08 1.85 0.00	29.72 1.72 0.00	23.93 1.43 0.00	23.47 1.42 0.00	22.54 1.34 0.00	26.04 1.36 0.00
RAVENSWOOD___3 23535	21.00 1.14 0.00	18.20 0.95 0.00	18.95 0.95 0.00	18.17 0.92 0.00	15.60 0.77 0.00	20.22 0.97 0.00	29.86 1.43 0.00	28.04 1.49 0.00	23.89 1.38 0.00	29.50 1.65 0.00	20.78 1.14 0.00	20.62 1.13 0.00	20.67 1.21 0.00	21.84 1.19 0.00	23.77 1.32 0.00	27.54 1.62 0.00	50.28 2.80 0.00	44.53 2.75 0.00	32.10 1.87 0.00	29.74 1.73 0.00	23.95 1.45 0.00	23.49 1.44 0.00	22.56 1.36 0.00	26.08 1.40 0.00
RAVENSWOOD___4 23820	20.98 1.12 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.15 0.90 0.00	15.58 0.76 0.00	20.20 0.95 0.00	29.83 1.40 0.00	28.04 1.48 0.00	23.88 1.37 0.00	29.48 1.63 0.00	20.77 1.13 0.00	20.62 1.13 0.00	20.65 1.19 0.00	21.82 1.17 0.00	23.76 1.31 0.00	27.53 1.61 0.00	50.27 2.79 0.00	44.50 2.72 0.00	32.08 1.85 0.00	29.72 1.72 0.00	23.93 1.43 0.00	23.47 1.42 0.00	22.54 1.34 0.00	26.04 1.36 0.00
RCPI_TRUST___DRP 24196	21.01 1.15 0.00	18.21 0.96 0.00	18.96 0.97 0.00	18.19 0.94 0.00	15.61 0.79 0.00	20.24 0.99 0.00	29.89 1.46 0.00	28.09 1.53 0.00	23.93 1.43 0.00	29.56 1.71 0.00	20.82 1.18 0.00	20.66 1.17 0.00	20.71 1.25 0.00	21.89 1.24 0.00	23.83 1.37 0.00	27.61 1.69 0.00	50.39 2.91 0.00	44.61 2.83 0.00	32.16 1.92 0.00	29.78 1.77 0.00	23.97 1.47 0.00	23.51 1.46 0.00	22.59 1.39 0.00	26.11 1.43 0.00
RED___ROCHESTER 323720	19.09 -0.77 0.00	16.58 -0.66 0.00	17.29 -0.71 0.00	16.52 -0.73 0.00	14.19 -0.64 0.00	18.63 -0.62 0.00	27.60 -0.84 0.00	25.53 -1.03 0.00	21.50 -1.01 0.00	26.73 -1.12 0.00	18.90 -0.74 0.00	18.89 -0.60 0.00	18.74 -0.72 0.00	19.95 -0.69 0.00	21.59 -0.86 0.00	24.83 -1.09 0.00	45.31 -2.17 0.00	39.74 -2.04 0.00	28.90 -1.33 0.00	26.68 -1.33 0.00	21.48 -1.02 0.00	20.97 -1.08 0.00	20.19 -1.01 0.00	23.80 -0.88 0.00
REGAN___SOLAR 323812	20.91 1.05 0.00	18.14 0.89 0.00	18.92 0.92 0.00	18.13 0.88 0.00	15.59 0.76 0.00	20.31 1.05 0.00	30.10 1.66 0.00	28.04 1.48 0.00	23.64 1.14 0.00	29.43 1.57 0.00	20.45 0.81 0.00	20.16 0.67 0.00	20.34 0.88 0.00	21.70 1.05 0.00	23.70 1.25 0.00	27.57 1.65 0.00	50.59 3.12 0.00	44.59 2.81 0.00	32.21 1.98 0.00	29.73 1.72 0.00	23.83 1.33 0.00	23.33 1.28 0.00	22.37 1.17 0.00	25.98 1.30 0.00
RENSSELAER___COGEN 23796	20.61 0.75 0.00	17.91 0.66 0.00	18.73 0.73 0.00	17.95 0.70 0.00	15.43 0.60 0.00	19.97 0.72 0.00	29.47 1.03 0.00	27.49 0.94 0.00	23.33 0.83 0.00	28.80 0.95 0.00	20.21 0.57 0.00	19.93 0.45 0.00	19.95 0.49 0.00	21.20 0.56 0.00	23.12 0.66 0.00	26.74 0.82 0.00	48.86 1.38 0.00	43.05 1.27 0.00	31.17 0.93 0.00	28.83 0.83 0.00	23.15 0.66 0.00	22.66 0.62 0.00	21.82 0.62 0.00	25.38 0.70 0.00
REPUBLIC_115KV_BARTNBRK 55605	21.49 1.63 0.00	18.66 1.41 0.00	19.43 1.43 0.00	18.72 1.47 0.00	16.09 1.27 0.00	21.20 1.95 0.00	31.56 3.12 0.00	29.36 2.80 0.00	25.04 2.53 0.00	31.08 3.23 0.00	21.30 1.66 0.00	21.07 1.58 0.00	21.09 1.63 0.00	22.65 2.00 0.00	24.82 2.37 0.00	28.77 2.85 0.00	53.03 5.55 0.00	46.45 4.67 0.00	33.86 3.63 0.00	31.25 3.25 0.00	24.63 2.13 0.00	24.03 1.99 0.00	23.23 2.03 0.00	27.21 2.53 0.00
REVERE_CPBR_DRP 24186	20.24 0.38 0.00	17.55 0.30 0.00	18.32 0.31 0.00	17.59 0.34 0.00	15.30 0.30 -0.17	20.77 0.48 -1.03	32.02 0.83 -2.76	30.02 0.81 -2.65	25.62 0.69 -2.43	31.49 0.91 -2.72	22.55 0.64 -2.28	22.41 0.65 -2.27	22.38 0.66 -2.27	22.92 0.73 -1.54	23.93 0.90 -0.58	27.43 1.10 -0.41	52.00 2.24 -2.28	43.58 1.80 0.00	32.39 1.12 -1.04	31.75 1.00 -2.74	25.63 0.69 -2.43	25.09 0.63 -2.41	24.09 0.52 -2.36	27.56 0.52 -2.36
REYNOLDS_115KV_TB3 80639	20.64 0.78 0.00	17.93 0.69 0.00	18.75 0.75 0.00	17.97 0.72 0.00	15.44 0.62 0.00	20.00 0.74 0.00	29.50 1.06 0.00	27.50 0.94 0.00	23.36 0.85 0.00	28.84 0.99 0.00	20.23 0.59 0.00	19.96 0.48 0.00	19.98 0.52 0.00	21.26 0.61 0.00	23.18 0.73 0.00	26.82 0.90 0.00	48.98 1.50 0.00	43.16 1.38 0.00	31.24 1.01 0.00	28.90 0.90 0.00	23.20 0.70 0.00	22.71 0.67 0.00	21.89 0.68 0.00	25.46 0.78 0.00
RIVERBAY____ 323610	21.04 1.18 0.00	18.23 0.98 0.00	18.98 0.98 0.00	18.22 0.97 0.00	15.58 0.76 0.00	20.20 0.95 0.00	29.87 1.44 0.00	28.07 1.51 0.00	23.93 1.42 0.00	29.51 1.66 0.00	20.76 1.12 0.00	20.57 1.09 0.00	20.62 1.16 0.00	21.78 1.14 0.00	23.74 1.29 0.00	27.52 1.60 0.00	50.28 2.80 0.00	44.49 2.71 0.00	32.12 1.89 0.00	29.71 1.71 0.00	23.92 1.42 0.00	23.44 1.40 0.00	22.52 1.32 0.00	26.04 1.36 0.00
RIVERSDE_115KV_TB3 55908	20.65 0.79 0.00	17.94 0.70 0.00	18.76 0.76 0.00	17.98 0.74 0.00	15.45 0.63 0.00	20.01 0.76 0.00	29.53 1.09 0.00	27.53 0.98 0.00	23.39 0.88 0.00	28.87 1.02 0.00	20.26 0.62 0.00	19.98 0.49 0.00	20.00 0.54 0.00	21.26 0.61 0.00	23.19 0.73 0.00	26.82 0.90 0.00	48.99 1.51 0.00	43.17 1.39 0.00	31.25 1.02 0.00	28.91 0.90 0.00	23.21 0.72 0.00	22.72 0.67 0.00	21.88 0.67 0.00	25.45 0.77 0.00
ROARING___BROOK_WT_PWR 323790	-0.48 -0.72 19.62	16.66 -0.59 0.00	-10.50 -0.71 27.78	-39.00 -0.68 55.57	-39.00 -0.58 53.24	-39.00 -0.73 57.53	-39.00 -1.05 66.39	3.65 -0.93 21.98	20.20 -0.77 1.54	25.21 -0.91 1.73	17.60 -0.59 1.44	17.49 -0.56 1.44	17.44 -0.58 1.44	19.08 -0.59 0.98	21.37 -0.72 0.37	23.25 -0.58 2.09	45.48 -0.56 1.45	41.07 -0.71 0.00	28.61 -0.96 0.66	0.23 -0.98 26.80	-39.00 -0.81 60.68	5.21 -0.77 16.06	-9.92 -0.74 30.38	1.38 -0.82 22.48

ROCHESRG_115KV_T4 355643	18.93 -0.94 0.00	16.44 -0.80 0.00	17.15 -0.85 0.00	16.38 -0.87 0.00	14.08 -0.74 0.00	18.47 -0.79 0.00	27.34 -1.09 0.00	25.28 -1.28 0.00	21.27 -1.24 0.00	26.44 -1.41 0.00	18.69 -0.94 0.00	18.68 -0.80 0.00	18.54 -0.92 0.00	19.73 -0.92 0.00	21.25 -1.11 0.10	23.03 -1.40 1.49	42.32 -2.74 2.42	37.05 -2.55 2.17	26.83 -1.70 1.71	24.25 -1.69 2.07	19.98 -1.27 1.24	20.14 -1.30 0.60	19.99 -1.21 0.00	23.57 -1.10 0.00
ROCHESTER_9_IC 23652	19.01 -0.85 0.00	16.52 -0.73 0.00	17.23 -0.77 0.00	16.45 -0.80 0.00	14.15 -0.68 0.00	18.56 -0.70 0.00	27.49 -0.95 0.00	25.41 -1.15 0.00	21.40 -1.10 0.00	26.60 -1.26 0.00	18.81 -0.83 0.00	18.79 -0.69 0.00	18.65 -0.81 0.00	19.86 -0.79 0.00	21.48 -0.97 0.00	24.67 -1.25 0.00	45.03 -2.45 0.00	39.49 -2.29 0.00	28.72 -1.51 0.00	26.49 -1.52 0.00	21.35 -1.15 0.00	20.86 -1.18 0.00	20.10 -1.10 0.00	23.69 -0.98 0.00
ROCKVIEW_13_KV_LD 356306	20.98 1.12 0.00	18.19 0.95 0.00	18.95 0.95 0.00	18.15 0.91 0.00	15.58 0.76 0.00	20.20 0.95 0.00	29.82 1.39 0.00	28.03 1.48 0.00	23.87 1.36 0.00	29.48 1.63 0.00	20.76 1.12 0.00	20.60 1.11 0.00	20.64 1.18 0.00	21.82 1.18 0.00	23.75 1.30 0.00	27.52 1.60 0.00	50.25 2.77 0.00	44.48 2.70 0.00	32.09 1.86 0.00	29.72 1.72 0.00	23.92 1.43 0.00	23.47 1.42 0.00	22.55 1.35 0.00	26.07 1.40 0.00
ROME____115KV_TB2 80656	20.24 0.38 0.00	17.55 0.30 0.00	18.32 0.31 0.00	17.59 0.34 0.00	15.30 0.30 -0.17	20.77 0.48 -1.03	32.02 0.83 -2.76	30.02 0.81 -2.65	25.62 0.69 -2.43	31.49 0.91 -2.72	22.55 0.64 -2.28	22.41 0.65 -2.27	22.38 0.66 -2.27	22.92 0.73 -1.54	23.93 0.90 -0.58	27.43 1.10 -0.41	52.00 2.24 -2.28	43.58 1.80 0.00	32.39 1.12 -1.04	31.75 1.00 -2.74	25.63 0.69 -2.43	25.09 0.63 -2.41	24.09 0.52 -2.36	27.56 0.52 -2.36
ROSETON____1 23587	20.74 0.88 0.00	18.00 0.76 0.00	18.76 0.76 0.00	17.99 0.74 0.00	15.44 0.62 0.00	20.01 0.75 0.00	29.53 1.09 0.00	27.71 1.16 0.00	23.56 1.06 0.00	29.09 1.24 0.00	20.49 0.86 0.00	20.33 0.85 0.00	20.36 0.90 0.00	21.54 0.89 0.00	23.44 0.99 0.00	27.14 1.22 0.00	49.58 2.11 0.00	43.84 2.06 0.00	31.65 1.41 0.00	29.32 1.32 0.00	23.59 1.09 0.00	23.14 1.10 0.00	22.25 1.05 0.00	25.76 1.08 0.00
ROSETON____2 23588	20.74 0.88 0.00	18.00 0.76 0.00	18.76 0.76 0.00	17.99 0.74 0.00	15.44 0.62 0.00	20.01 0.75 0.00	29.53 1.09 0.00	27.71 1.16 0.00	23.56 1.06 0.00	29.09 1.24 0.00	20.49 0.86 0.00	20.33 0.85 0.00	20.36 0.90 0.00	21.54 0.89 0.00	23.44 0.99 0.00	27.14 1.22 0.00	49.58 2.11 0.00	43.84 2.06 0.00	31.65 1.41 0.00	29.32 1.32 0.00	23.59 1.09 0.00	23.14 1.10 0.00	22.25 1.05 0.00	25.76 1.08 0.00
ROTRTDAM_115KV_TB3 80664	20.44 0.58 0.00	17.76 0.51 0.00	18.56 0.56 0.00	17.79 0.54 0.00	15.29 0.47 0.00	19.83 0.57 0.00	29.28 0.84 0.00	27.33 0.77 0.00	23.16 0.65 0.00	28.70 0.85 0.00	20.16 0.53 0.00	19.93 0.44 0.00	19.94 0.48 0.00	21.20 0.55 0.00	23.10 0.65 0.00	26.73 0.81 0.00	48.90 1.42 0.00	43.09 1.31 0.00	31.17 0.94 0.00	28.85 0.85 0.00	23.14 0.64 0.00	22.67 0.62 0.00	21.81 0.61 0.00	25.36 0.69 0.00
RUSSELL____1 23602	19.09 -0.76 0.00	16.58 -0.66 0.00	17.29 -0.71 0.00	16.52 -0.73 0.00	14.20 -0.62 0.00	18.63 -0.62 0.00	27.60 -0.83 0.00	25.53 -1.03 0.00	21.50 -1.01 0.00	26.72 -1.13 0.00	18.90 -0.74 0.00	18.89 -0.60 0.00	18.75 -0.71 0.00	19.96 -0.69 0.00	21.59 -0.86 0.00	24.81 -1.11 0.00	45.27 -2.21 0.00	39.72 -2.06 0.00	28.90 -1.34 0.00	26.65 -1.35 0.00	21.47 -1.03 0.00	20.97 -1.07 0.00	20.20 -1.01 0.00	23.80 -0.88 0.00
RUSSELL____2 23532	19.09 -0.76 0.00	16.58 -0.66 0.00	17.29 -0.71 0.00	16.52 -0.73 0.00	14.20 -0.62 0.00	18.63 -0.62 0.00	27.60 -0.83 0.00	25.53 -1.03 0.00	21.50 -1.01 0.00	26.72 -1.13 0.00	18.90 -0.74 0.00	18.89 -0.60 0.00	18.75 -0.71 0.00	19.96 -0.69 0.00	21.59 -0.86 0.00	24.81 -1.11 0.00	45.27 -2.21 0.00	39.72 -2.06 0.00	28.90 -1.34 0.00	26.65 -1.35 0.00	21.47 -1.03 0.00	20.97 -1.07 0.00	20.20 -1.01 0.00	23.80 -0.88 0.00
RUSSELL____3 23549	19.09 -0.76 0.00	16.58 -0.66 0.00	17.29 -0.71 0.00	16.52 -0.73 0.00	14.20 -0.62 0.00	18.63 -0.62 0.00	27.60 -0.83 0.00	25.53 -1.03 0.00	21.50 -1.01 0.00	26.72 -1.13 0.00	18.90 -0.74 0.00	18.89 -0.60 0.00	18.75 -0.71 0.00	19.96 -0.69 0.00	21.59 -0.86 0.00	24.81 -1.11 0.00	45.27 -2.21 0.00	39.72 -2.06 0.00	28.90 -1.34 0.00	26.65 -1.35 0.00	21.47 -1.03 0.00	20.97 -1.07 0.00	20.20 -1.01 0.00	23.80 -0.88 0.00
RUSSELL____4 23556	19.09 -0.76 0.00	16.58 -0.66 0.00	17.29 -0.71 0.00	16.52 -0.73 0.00	14.20 -0.62 0.00	18.63 -0.62 0.00	27.60 -0.83 0.00	25.53 -1.03 0.00	21.50 -1.01 0.00	26.72 -1.13 0.00	18.90 -0.74 0.00	18.89 -0.60 0.00	18.75 -0.71 0.00	19.96 -0.69 0.00	21.59 -0.86 0.00	24.81 -1.11 0.00	45.27 -2.21 0.00	39.72 -2.06 0.00	28.90 -1.34 0.00	26.65 -1.35 0.00	21.47 -1.03 0.00	20.97 -1.07 0.00	20.20 -1.01 0.00	23.80 -0.88 0.00
RUSSELL____STATION 23914	19.09 -0.76 0.00	16.58 -0.66 0.00	17.29 -0.71 0.00	16.52 -0.73 0.00	14.20 -0.62 0.00	18.63 -0.62 0.00	27.60 -0.83 0.00	25.53 -1.03 0.00	21.50 -1.01 0.00	26.72 -1.13 0.00	18.90 -0.74 0.00	18.89 -0.60 0.00	18.75 -0.71 0.00	19.96 -0.69 0.00	21.59 -0.86 0.00	24.81 -1.11 0.00	45.27 -2.21 0.00	39.72 -2.06 0.00	28.90 -1.34 0.00	26.65 -1.35 0.00	21.47 -1.03 0.00	20.97 -1.07 0.00	20.20 -1.01 0.00	23.80 -0.88 0.00
S SALMON____HYD 24043	19.38 -0.48 0.00	16.79 -0.45 0.00	17.50 -0.51 0.00	16.45 -0.51 0.29	14.59 -0.45 -0.21	20.03 -0.51 -1.29	31.12 -0.75 -3.44	29.20 -0.67 -3.31	25.00 -0.54 -3.03	30.58 -0.67 -3.39	22.11 -0.37 -2.84	21.97 -0.34 -2.83	21.93 -0.35 -2.83	22.22 -0.35 -1.92	22.82 -0.35 -0.72	26.06 -0.33 -0.47	50.00 -0.32 -2.84	41.34 -0.44 0.00	31.02 -0.50 -1.30	30.91 -0.51 -3.42	25.11 -0.44 -3.04	24.53 -0.52 -3.00	23.63 -0.52 -2.95	27.00 -0.62 -2.95
S.PERRY__115KV_TB1 80734	19.20 -0.66 0.00	16.62 -0.62 0.00	17.38 -0.62 0.00	16.53 -0.72 0.00	14.22 -0.60 0.00	18.81 -0.44 0.00	27.95 -0.48 0.00	25.99 -0.56 0.00	21.97 -0.54 0.00	27.26 -0.60 0.00	19.29 -0.35 0.00	19.26 -0.23 0.00	18.96 -0.50 0.00	20.22 -0.43 0.00	24.17 -0.55 -2.27	60.31 -0.67 -35.05	103.63 -1.01 -57.16	92.06 -1.06 -51.34	69.79 -0.74 -40.30	76.26 -0.71 -48.96	51.27 -0.62 -29.39	35.47 -0.75 -14.18	20.41 -0.79 0.00	24.02 -0.65 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.47 -1.39 0.00	16.05 -1.20 0.00	16.74 -1.26 0.00	15.95 -1.30 0.00	13.71 -1.12 0.00	18.09 -1.17 0.00	26.79 -1.65 0.00	24.53 -2.03 0.00	20.50 -2.01 0.00	25.53 -2.33 0.00	18.10 -1.54 0.00	18.17 -1.32 0.00	17.92 -1.54 0.00	19.10 -1.55 0.00	19.86 -1.86 0.73	12.94 -2.32 10.66	25.93 -4.52 17.02	22.29 -4.20 15.29	15.49 -2.74 12.00	10.78 -2.64 14.58	11.82 -1.92 8.75	15.90 -1.92 4.22	19.40 -1.80 0.00	23.16 -1.52 0.00

SAWYER___23_KV_LOAD 55526	18.47 -1.39 0.00	16.05 -1.20 0.00	16.74 -1.26 0.00	15.95 -1.30 0.00	13.71 -1.12 0.00	18.09 -1.17 0.00	26.79 -1.65 0.00	24.53 -2.03 0.00	20.50 -2.01 0.00	25.53 -2.33 0.00	18.10 -1.54 0.00	18.17 -1.32 0.00	17.92 -1.54 0.00	19.10 -1.55 0.00	19.86 -1.86 0.73	12.94 -2.32 10.66	25.93 -4.52 17.02	22.29 -4.20 15.29	15.49 -2.74 12.00	10.78 -2.64 14.58	11.82 -1.92 8.75	15.90 -1.92 4.22	19.40 -1.80 0.00	23.16 -1.52 0.00
SELKIRK___I 23801	20.59 0.73 0.00	17.91 0.66 0.00	18.73 0.73 0.00	17.96 0.71 0.00	15.43 0.60 0.00	19.99 0.73 0.00	29.49 1.05 0.00	27.47 0.92 0.00	23.24 0.73 0.00	28.67 0.81 0.00	20.16 0.52 0.00	19.95 0.47 0.00	19.97 0.51 0.00	21.22 0.57 0.00	23.15 0.70 0.00	26.76 0.84 0.00	48.94 1.47 0.00	43.10 1.32 0.00	31.20 0.97 0.00	28.88 0.87 0.00	23.18 0.68 0.00	22.69 0.64 0.00	21.84 0.64 0.00	25.41 0.74 0.00
SELKIRK___II 23799	20.50 0.64 0.00	17.82 0.58 0.00	18.64 0.63 0.00	17.86 0.62 0.00	15.35 0.53 0.00	19.87 0.62 0.00	29.32 0.89 0.00	27.37 0.81 0.00	23.22 0.72 0.00	28.66 0.81 0.00	20.14 0.50 0.00	19.91 0.42 0.00	19.92 0.46 0.00	21.16 0.51 0.00	23.06 0.61 0.00	26.66 0.74 0.00	48.74 1.26 0.00	42.94 1.15 0.00	31.07 0.83 0.00	28.76 0.76 0.00	23.10 0.61 0.00	22.62 0.57 0.00	21.77 0.57 0.00	25.32 0.64 0.00
SENECA OSWGO___HYD 24041	19.36 -0.50 0.00	16.81 -0.44 0.00	17.56 -0.45 0.00	16.81 -0.44 0.00	14.44 -0.38 0.00	18.80 -0.45 0.00	27.78 -0.66 0.00	25.94 -0.62 0.00	21.99 -0.52 0.00	27.21 -0.65 0.00	19.22 -0.42 0.00	19.10 -0.38 0.00	19.04 -0.41 0.00	20.23 -0.42 0.00	21.98 -0.47 0.00	25.35 -0.58 0.00	46.47 -1.01 0.00	40.89 -0.89 0.00	29.59 -0.65 0.00	27.39 -0.62 0.00	21.98 -0.51 0.00	21.51 -0.54 0.00	20.66 -0.54 0.00	24.06 -0.61 0.00
SENECA___115KV_TB3 355854	18.66 -1.20 0.00	16.19 -1.06 0.00	16.90 -1.10 0.00	16.11 -1.14 0.00	13.84 -0.99 0.00	18.29 -0.96 0.00	27.09 -1.34 0.00	24.87 -1.69 0.00	20.83 -1.68 0.00	25.94 -1.92 0.00	18.41 -1.23 0.00	18.49 -1.00 0.00	18.22 -1.24 0.00	19.42 -1.23 0.00	20.23 -1.51 0.71	13.10 -1.90 10.92	25.99 -3.67 17.82	22.37 -3.41 16.01	15.49 -2.18 12.56	10.65 -2.09 15.27	11.81 -1.53 9.16	16.09 -1.54 4.41	19.72 -1.48 0.00	23.50 -1.18 0.00
SENECA___ENERGY 23797	19.34 -0.52 0.00	16.77 -0.47 0.00	17.52 -0.48 0.00	16.74 -0.51 0.00	14.39 -0.44 0.00	18.82 -0.43 0.00	27.90 -0.54 0.00	26.03 -0.52 0.00	22.06 -0.45 0.00	27.37 -0.48 0.00	19.36 -0.28 0.00	19.30 -0.19 0.00	19.19 -0.27 0.00	20.35 -0.29 0.00	22.24 -0.38 -0.16	27.86 -0.51 -2.46	50.65 -0.84 -4.01	44.63 -0.75 -3.60	32.57 -0.49 -2.82	30.95 -0.49 -3.43	24.06 -0.49 -2.06	22.58 -0.46 -0.99	20.65 -0.55 0.00	24.12 -0.56 0.00
SHOEMAKER___GT 23640	20.65 0.79 0.00	17.92 0.68 0.00	18.69 0.69 0.00	17.92 0.67 0.00	15.38 0.56 0.00	19.94 0.69 0.00	29.44 1.01 0.00	27.62 1.07 0.00	23.45 0.94 0.00	28.92 1.07 0.00	20.35 0.71 0.00	20.21 0.72 0.00	20.22 0.76 0.00	21.39 0.75 0.00	23.31 0.85 0.00	27.00 1.08 0.00	49.40 1.92 0.00	43.71 1.93 0.00	31.56 1.33 0.00	29.23 1.23 0.00	23.50 1.01 0.00	23.05 1.01 0.00	22.16 0.96 0.00	25.67 0.99 0.00
SHOEMAKR_138KV_BK 111 55601	20.64 0.78 0.00	17.92 0.67 0.00	18.68 0.68 0.00	17.91 0.66 0.00	15.38 0.55 0.00	19.94 0.69 0.00	29.44 1.00 0.00	27.62 1.06 0.00	23.45 0.94 0.00	28.93 1.08 0.00	20.36 0.72 0.00	20.21 0.73 0.00	20.23 0.77 0.00	21.41 0.76 0.00	23.31 0.86 0.00	27.01 1.09 0.00	49.38 1.91 0.00	43.68 1.90 0.00	31.54 1.30 0.00	29.21 1.21 0.00	23.49 1.00 0.00	23.05 1.00 0.00	22.15 0.95 0.00	25.66 0.99 0.00
SHOREHAM_IC_1 23715	21.26 1.40 0.00	18.38 1.13 0.00	18.86 0.86 0.00	18.21 0.96 0.00	15.60 0.77 0.00	20.20 0.95 0.00	29.35 0.92 0.00	27.09 0.53 0.00	23.96 1.45 0.00	29.61 1.76 0.00	20.62 0.98 0.00	20.25 0.77 0.00	20.67 1.22 0.00	22.06 1.41 0.00	24.80 1.69 -0.66	31.40 2.12 -3.36	50.42 2.94 0.00	44.20 2.42 0.00	31.96 1.72 0.00	29.95 1.94 0.00	24.32 1.82 0.00	23.74 1.69 0.00	22.81 1.61 0.00	26.33 1.65 0.00
SHOREHAM_IC_2 23716	21.26 1.40 0.00	18.38 1.13 0.00	18.86 0.86 0.00	18.21 0.96 0.00	15.60 0.77 0.00	20.20 0.95 0.00	29.35 0.92 0.00	27.09 0.53 0.00	23.96 1.45 0.00	29.61 1.76 0.00	20.62 0.98 0.00	20.25 0.77 0.00	20.67 1.22 0.00	22.06 1.41 0.00	24.80 1.69 -0.66	31.40 2.12 -3.36	50.42 2.94 0.00	44.20 2.42 0.00	31.96 1.72 0.00	29.95 1.94 0.00	24.32 1.82 0.00	23.74 1.69 0.00	22.81 1.61 0.00	26.33 1.65 0.00
SISSONVILLE____ 23735	20.39 0.52 0.00	17.61 0.36 0.00	18.11 0.11 -0.01	13.50 0.00 3.75	16.88 0.05 -2.00	31.54 0.22 -12.06	61.23 0.55 -32.25	58.21 0.61 -31.04	51.30 0.39 -28.39	59.81 0.14 -31.82	46.63 0.36 -26.62	46.27 0.28 -26.50	46.25 0.30 -26.49	39.00 0.35 -18.00	29.87 0.67 -6.75	31.35 1.14 -4.29	77.11 2.99 -26.65	44.42 2.64 0.00	43.88 1.50 -12.15	61.35 1.27 -32.08	51.84 0.84 -28.50	50.79 0.56 -28.18	49.22 0.38 -27.63	52.72 0.42 -27.62
SITHE_IND_GS1 24169	19.19 -0.67 0.00	16.67 -0.58 0.00	17.40 -0.60 0.00	16.67 -0.58 0.00	14.32 -0.50 0.00	18.63 -0.62 0.00	27.50 -0.94 0.00	25.66 -0.90 0.00	21.75 -0.76 0.00	26.92 -0.93 0.00	19.01 -0.62 0.00	18.90 -0.59 0.00	18.85 -0.61 0.00	19.99 -0.65 0.00	21.72 -0.73 0.00	25.06 -0.86 0.00	45.90 -1.58 0.00	40.36 -1.42 0.00	29.23 -1.00 0.00	27.06 -0.95 0.00	21.73 -0.77 0.00	21.27 -0.77 0.00	20.45 -0.75 0.00	23.81 -0.86 0.00
SITHE_IND_GS2 24170	19.19 -0.67 0.00	16.67 -0.58 0.00	17.40 -0.60 0.00	16.67 -0.58 0.00	14.32 -0.50 0.00	18.63 -0.62 0.00	27.50 -0.94 0.00	25.66 -0.90 0.00	21.75 -0.76 0.00	26.92 -0.93 0.00	19.01 -0.62 0.00	18.90 -0.59 0.00	18.85 -0.61 0.00	19.99 -0.65 0.00	21.72 -0.73 0.00	25.06 -0.86 0.00	45.90 -1.58 0.00	40.36 -1.42 0.00	29.23 -1.00 0.00	27.06 -0.95 0.00	21.73 -0.77 0.00	21.27 -0.77 0.00	20.45 -0.75 0.00	23.81 -0.86 0.00
SITHE_IND_GS3 24171	19.19 -0.67 0.00	16.67 -0.58 0.00	17.40 -0.60 0.00	16.67 -0.58 0.00	14.32 -0.50 0.00	18.63 -0.62 0.00	27.50 -0.94 0.00	25.66 -0.90 0.00	21.75 -0.76 0.00	26.92 -0.93 0.00	19.01 -0.62 0.00	18.90 -0.59 0.00	18.85 -0.61 0.00	19.99 -0.65 0.00	21.72 -0.73 0.00	25.06 -0.86 0.00	45.90 -1.58 0.00	40.36 -1.42 0.00	29.23 -1.00 0.00	27.06 -0.95 0.00	21.73 -0.77 0.00	21.27 -0.77 0.00	20.45 -0.75 0.00	23.81 -0.86 0.00
SITHE_IND_GS4 24172	19.19 -0.67 0.00	16.67 -0.58 0.00	17.40 -0.60 0.00	16.67 -0.58 0.00	14.32 -0.50 0.00	18.63 -0.62 0.00	27.50 -0.94 0.00	25.66 -0.90 0.00	21.75 -0.76 0.00	26.92 -0.93 0.00	19.01 -0.62 0.00	18.90 -0.59 0.00	18.85 -0.61 0.00	19.99 -0.65 0.00	21.72 -0.73 0.00	25.06 -0.86 0.00	45.90 -1.58 0.00	40.36 -1.42 0.00	29.23 -1.00 0.00	27.06 -0.95 0.00	21.73 -0.77 0.00	21.27 -0.77 0.00	20.45 -0.75 0.00	23.81 -0.86 0.00

SITHE___BATAVIA 24024	18.98 -0.88 0.00	16.52 -0.73 0.00	17.21 -0.78 0.00	16.42 -0.83 0.00	14.11 -0.72 0.00	18.63 -0.63 0.00	27.64 -0.79 0.00	25.46 -1.10 0.00	21.31 -1.20 0.00	26.54 -1.32 0.00	18.76 -0.88 0.00	18.84 -0.65 0.00	18.62 -0.83 0.00	19.86 -0.78 0.00	21.12 -0.97 0.36	19.20 -1.19 5.52	35.85 -2.60 9.02	31.22 -2.46 8.10	22.30 -1.57 6.36	18.73 -1.55 7.73	16.83 -1.04 4.63	18.67 -1.14 2.23	20.05 -1.15 0.00	23.86 -0.82 0.00
SITHE___INDEPEND 23800	19.19 -0.67 0.00	16.67 -0.58 0.00	17.40 -0.60 0.00	16.67 -0.58 0.00	14.32 -0.50 0.00	18.63 -0.62 0.00	27.49 -0.94 0.00	25.66 -0.89 0.00	21.75 -0.76 0.00	26.92 -0.93 0.00	19.01 -0.62 0.00	18.90 -0.59 0.00	18.85 -0.61 0.00	19.99 -0.65 0.00	21.72 -0.73 0.00	25.06 -0.86 0.00	45.89 -1.59 0.00	40.36 -1.42 0.00	29.23 -1.00 0.00	27.06 -0.95 0.00	21.73 -0.77 0.00	21.28 -0.77 0.00	20.45 -0.75 0.00	23.82 -0.86 0.00
SITHE___MASSENA 23902	19.92 0.05 0.00	17.27 0.02 0.00	17.95 -0.04 0.00	7.87 -0.04 9.34	14.62 -0.02 0.19	18.14 0.03 1.15	75.45 0.09 -46.93	52.94 0.17 -26.21	19.83 0.03 2.71	24.83 0.01 3.03	17.14 0.04 2.54	17.02 0.06 2.53	16.98 0.04 2.52	18.97 0.04 1.72	21.81 0.00 0.64	24.13 -0.06 1.73	45.00 0.06 2.54	41.76 -0.03 0.00	29.08 0.01 1.16	25.01 0.06 3.06	19.85 0.07 2.71	19.44 0.08 2.69	18.66 0.09 2.63	22.21 0.17 2.63
SITHE___OGDNSBRG 24021	21.07 1.21 0.00	18.24 0.99 0.00	18.76 0.75 -0.01	14.12 0.62 3.75	17.42 0.60 -2.00	32.31 0.99 -12.06	62.47 1.79 -32.25	59.35 1.75 -31.04	52.17 1.26 -28.39	60.52 0.84 -31.82	47.28 1.02 -26.62	46.78 0.79 -26.50	46.79 0.84 -26.49	39.56 0.90 -18.00	30.67 1.47 -6.75	32.39 2.19 -4.29	79.24 5.12 -26.65	46.44 4.66 0.00	45.36 2.98 -12.15	62.70 2.61 -32.08	52.85 1.85 -28.50	51.72 1.49 -28.18	50.04 1.21 -27.63	53.65 1.35 -27.62
SITHE___STERLING 23777	20.13 0.27 0.00	17.46 0.22 0.00	18.25 0.25 0.00	17.51 0.27 0.00	15.19 0.25 -0.11	20.35 0.41 -0.69	30.96 0.69 -1.84	29.01 0.69 -1.77	24.69 0.56 -1.62	30.42 0.75 -1.82	21.68 0.53 -1.52	21.54 0.54 -1.51	21.50 0.53 -1.51	22.27 0.59 -1.03	23.55 0.72 -0.38	27.05 0.86 -0.27	50.67 1.67 -1.52	43.05 1.27 0.00	31.76 0.84 -0.69	30.56 0.73 -1.83	24.63 0.51 -1.63	24.11 0.46 -1.61	23.15 0.38 -1.58	26.63 0.37 -1.58
SLEIGHT__34_KV_TB1 80719	19.15 -0.71 0.00	16.63 -0.62 0.00	17.34 -0.66 0.00	16.59 -0.66 0.00	14.26 -0.57 0.00	18.67 -0.59 0.00	27.66 -0.77 0.00	25.69 -0.87 0.00	22.35 -0.16 0.00	28.29 0.43 0.00	19.80 0.17 0.00	19.80 0.32 0.00	19.70 0.24 0.00	20.87 0.22 0.00	22.64 0.18 0.00	26.06 0.13 0.00	47.77 0.29 0.00	42.08 0.30 0.00	30.50 0.26 0.00	28.21 0.20 0.00	22.55 0.05 0.00	22.03 -0.01 0.00	21.09 -0.11 0.00	24.64 -0.03 0.00
SOUTH CAIRO___GT 23612	21.26 1.40 0.00	18.47 1.22 0.00	19.31 1.31 0.00	18.52 1.27 0.00	15.92 1.09 0.00	20.68 1.43 0.00	30.60 2.17 0.00	28.56 2.00 0.00	23.99 1.48 0.00	29.43 1.57 0.00	20.67 1.04 0.00	20.44 0.96 0.00	20.56 1.11 0.00	21.88 1.23 0.00	23.94 1.49 0.00	27.73 1.81 0.00	50.89 3.41 0.00	44.86 3.08 0.00	32.47 2.24 0.00	29.96 1.96 0.00	23.97 1.47 0.00	23.39 1.35 0.00	22.44 1.24 0.00	26.10 1.43 0.00
SOUTH HAMPTN___IC 23720	21.20 1.33 0.00	18.32 1.07 0.00	18.80 0.80 0.00	18.15 0.90 0.00	15.56 0.73 0.00	20.15 0.90 0.00	29.30 0.86 0.00	27.08 0.52 0.00	23.91 1.41 0.00	29.57 1.72 0.00	20.60 0.96 0.00	20.25 0.76 0.00	20.63 1.17 0.00	22.01 1.36 0.00	24.76 1.64 -0.66	31.34 2.06 -3.36	50.36 2.88 0.00	44.24 2.46 0.00	32.01 1.78 0.00	29.97 1.96 0.00	24.38 1.88 0.00	23.79 1.75 0.00	22.78 1.58 0.00	26.28 1.60 0.00
SOUTHDOW_115KV_TB1 355954	18.87 -0.99 0.00	16.31 -0.94 0.00	17.13 -0.87 0.00	16.37 -0.88 0.00	14.07 -0.75 0.00	18.69 -0.56 0.00	27.69 -0.74 0.00	25.55 -1.01 0.00	21.57 -0.94 0.00	26.91 -0.95 0.00	19.10 -0.53 0.00	19.22 -0.26 0.00	18.92 -0.53 0.00	20.10 -0.55 0.00	22.31 -0.81 -0.67	22.93 -1.18 1.82	35.19 -2.15 10.14	30.79 -1.89 9.11	22.04 -1.05 7.15	18.04 -1.28 8.68	16.37 -0.91 5.21	18.68 -0.85 2.51	20.31 -0.89 0.00	24.23 -0.45 0.00
SOUTHOLD_69_KV_BK 2 55809	20.97 1.11 0.00	18.10 0.86 0.00	18.57 0.57 0.00	17.93 0.68 0.00	15.38 0.56 0.00	19.93 0.68 0.00	28.99 0.56 0.00	26.83 0.27 0.00	23.69 1.19 0.00	29.31 1.46 0.00	20.40 0.76 0.00	20.03 0.54 0.00	20.41 0.95 0.00	21.79 1.14 0.00	24.53 1.42 -0.66	31.11 1.83 -3.36	49.99 2.51 0.00	44.11 2.33 0.00	31.98 1.75 0.00	29.92 1.91 0.00	24.43 1.93 0.00	23.83 1.78 0.00	22.63 1.43 0.00	26.10 1.43 0.00
SOUTHOLD___IC 23719	20.97 1.11 0.00	18.10 0.86 0.00	18.57 0.57 0.00	17.94 0.69 0.00	15.38 0.56 0.00	19.93 0.68 0.00	29.00 0.56 0.00	26.83 0.27 0.00	23.70 1.20 0.00	29.31 1.46 0.00	20.40 0.76 0.00	20.03 0.54 0.00	20.42 0.95 0.00	21.79 1.14 0.00	24.53 1.42 -0.66	31.10 1.82 -3.36	49.97 2.50 0.00	44.09 2.30 0.00	31.98 1.75 0.00	29.91 1.91 0.00	24.43 1.93 0.00	23.83 1.78 0.00	22.63 1.43 0.00	26.10 1.42 0.00
SOUTH_FORK_WT_PWR 323839	20.66 0.80 0.00	17.83 0.59 0.00	18.28 0.28 0.00	17.66 0.41 0.00	15.14 0.32 0.00	19.62 0.36 0.00	28.54 0.10 0.00	26.41 -0.15 0.00	23.35 0.84 0.00	28.87 1.02 0.00	20.08 0.45 0.00	19.71 0.23 0.00	20.10 0.64 0.00	21.46 0.82 0.00	24.18 1.06 -0.66	30.68 1.41 -3.36	49.25 1.77 0.00	43.54 1.76 0.00	31.65 1.41 0.00	29.59 1.59 0.00	24.25 1.76 0.00	23.67 1.62 0.00	22.36 1.16 0.00	25.78 1.11 0.00
SPIERFLS_115KV_TB 1 80737	20.65 0.79 0.00	17.93 0.69 0.00	18.74 0.74 0.00	17.98 0.73 0.00	15.46 0.64 0.00	20.14 0.88 0.00	29.77 1.34 0.00	27.77 1.21 0.00	23.58 1.07 0.00	29.30 1.45 0.00	20.44 0.81 0.00	20.11 0.62 0.00	20.11 0.66 0.00	21.45 0.80 0.00	23.42 0.96 0.00	27.11 1.19 0.00	49.70 2.22 0.00	43.79 2.00 0.00	31.75 1.51 0.00	29.35 1.34 0.00	23.40 0.91 0.00	22.87 0.82 0.00	22.11 0.91 0.00	25.72 1.04 0.00
ST LAWRENCE____ 23600	19.72 -0.14 0.00	17.10 -0.14 0.00	17.78 -0.21 0.00	7.71 -0.20 9.34	14.48 -0.16 0.19	17.94 -0.16 1.15	25.16 -0.20 3.07	23.38 -0.22 2.96	19.57 -0.24 2.71	24.56 -0.26 3.03	16.96 -0.14 2.54	16.82 -0.14 2.53	16.79 -0.15 2.52	18.77 -0.16 1.72	21.60 -0.21 0.64	23.88 -0.31 1.73	44.55 -0.39 2.54	41.36 -0.43 0.00	28.78 -0.29 1.16	24.73 -0.22 3.06	19.63 -0.15 2.71	19.22 -0.14 2.69	18.46 -0.12 2.63	21.96 -0.08 2.63
STATE_CA_115KV_115_LB 55624	20.70 0.84 0.00	17.99 0.74 0.00	18.81 0.80 0.00	18.02 0.77 0.00	15.49 0.67 0.00	20.07 0.81 0.00	29.61 1.18 0.00	27.62 1.07 0.00	23.44 0.94 0.00	28.96 1.10 0.00	20.33 0.69 0.00	20.06 0.57 0.00	20.07 0.61 0.00	21.33 0.68 0.00	23.25 0.80 0.00	26.90 0.98 0.00	49.18 1.70 0.00	43.33 1.55 0.00	31.36 1.13 0.00	29.00 1.00 0.00	23.29 0.79 0.00	22.78 0.74 0.00	21.93 0.72 0.00	25.50 0.82 0.00

STATE_ST_34_KV_LOAD 55959	19.71 -0.15 0.00	17.11 -0.14 0.00	17.86 -0.14 0.00	17.10 -0.15 0.00	14.69 -0.13 0.00	19.13 -0.13 0.00	28.29 -0.14 0.00	26.41 -0.14 0.00	22.46 -0.05 0.00	27.98 0.13 0.00	19.74 0.10 0.00	19.63 0.15 0.00	19.58 0.13 0.00	20.71 0.06 0.00	22.58 0.03 -0.09	27.33 -0.02 -1.43	49.89 0.08 -2.33	44.07 0.20 -2.09	32.06 0.18 -1.64	30.15 0.15 -1.99	23.67 -0.03 -1.20	22.64 0.01 -0.58	21.08 -0.12 0.00	24.58 -0.09 0.00
STATION_5_MISC_HYD 23604	19.01 -0.85 0.00	16.52 -0.72 0.00	17.23 -0.77 0.00	16.45 -0.80 0.00	14.13 -0.69 0.00	18.56 -0.70 0.00	27.48 -0.95 0.00	25.41 -1.14 0.00	21.40 -1.11 0.00	26.60 -1.26 0.00	18.81 -0.83 0.00	18.79 -0.69 0.00	18.65 -0.81 0.00	19.85 -0.79 0.00	21.48 -0.97 0.00	24.70 -1.22 0.00	45.06 -2.42 0.00	39.52 -2.27 0.00	28.74 -1.49 0.00	26.52 -1.49 0.00	21.36 -1.14 0.00	20.86 -1.19 0.00	20.09 -1.11 0.00	23.69 -0.99 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.29 -0.58 0.00	16.74 -0.51 0.00	17.47 -0.53 0.00	16.69 -0.56 0.00	14.35 -0.47 0.00	18.82 -0.43 0.00	27.91 -0.52 0.00	25.93 -0.63 0.00	21.91 -0.59 0.00	27.21 -0.64 0.00	19.23 -0.41 0.00	19.20 -0.29 0.00	19.08 -0.38 0.00	20.28 -0.36 0.00	21.98 -0.48 0.00	25.26 -0.66 0.00	46.32 -1.15 0.00	40.69 -1.09 0.00	29.53 -0.71 0.00	27.26 -0.75 0.00	21.88 -0.62 0.00	21.39 -0.66 0.00	20.54 -0.66 0.00	24.08 -0.60 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.95 -0.92 0.00	16.46 -0.78 0.00	17.17 -0.84 0.00	16.40 -0.85 0.00	14.10 -0.72 0.00	18.49 -0.77 0.00	27.40 -1.04 0.00	25.35 -1.20 0.00	21.35 -1.16 0.00	26.53 -1.33 0.00	18.75 -0.88 0.00	18.74 -0.75 0.00	18.61 -0.85 0.00	19.80 -0.84 0.00	21.43 -1.02 0.00	24.62 -1.30 0.00	44.96 -2.52 0.00	39.45 -2.34 0.00	28.67 -1.56 0.00	26.45 -1.55 0.00	21.29 -1.20 0.00	20.82 -1.23 0.00	20.04 -1.16 0.00	23.60 -1.08 0.00
STA_56___34_KV_BUS2 355983	18.95 -0.92 0.00	16.46 -0.78 0.00	17.17 -0.84 0.00	16.40 -0.85 0.00	14.10 -0.72 0.00	18.49 -0.77 0.00	27.40 -1.04 0.00	25.35 -1.20 0.00	21.35 -1.16 0.00	26.53 -1.33 0.00	18.75 -0.88 0.00	18.74 -0.75 0.00	18.61 -0.85 0.00	19.80 -0.84 0.00	21.43 -1.02 0.00	24.62 -1.30 0.00	44.96 -2.52 0.00	39.45 -2.34 0.00	28.67 -1.56 0.00	26.45 -1.55 0.00	21.29 -1.20 0.00	20.82 -1.23 0.00	20.04 -1.16 0.00	23.60 -1.08 0.00
STA_67___115KV_BK2 355882	18.98 -0.88 0.00	16.49 -0.76 0.00	17.20 -0.80 0.00	16.42 -0.82 0.00	14.12 -0.70 0.00	18.52 -0.74 0.00	27.43 -1.00 0.00	25.36 -1.20 0.00	21.36 -1.15 0.00	26.53 -1.32 0.00	18.77 -0.87 0.00	18.75 -0.73 0.00	18.61 -0.85 0.00	19.81 -0.84 0.00	21.43 -1.02 0.00	24.62 -1.30 0.00	44.91 -2.56 0.00	39.39 -2.39 0.00	28.65 -1.58 0.00	26.43 -1.57 0.00	21.29 -1.21 0.00	20.82 -1.23 0.00	20.06 -1.14 0.00	23.65 -1.03 0.00
STA_7___115KV_9TRANS 80674	19.09 -0.76 0.00	16.58 -0.66 0.00	17.29 -0.71 0.00	16.52 -0.73 0.00	14.20 -0.62 0.00	18.63 -0.62 0.00	27.60 -0.83 0.00	25.53 -1.03 0.00	21.50 -1.01 0.00	26.72 -1.13 0.00	18.90 -0.74 0.00	18.89 -0.60 0.00	18.75 -0.71 0.00	19.96 -0.69 0.00	21.59 -0.86 0.00	24.81 -1.11 0.00	45.27 -2.21 0.00	39.72 -2.06 0.00	28.90 -1.34 0.00	26.65 -1.35 0.00	21.47 -1.03 0.00	20.97 -1.07 0.00	20.20 -1.01 0.00	23.80 -0.88 0.00
STA_82___115KV_TB1 80780	18.98 -0.88 0.00	16.49 -0.75 0.00	17.20 -0.80 0.00	16.43 -0.82 0.00	14.12 -0.70 0.00	18.52 -0.73 0.00	27.44 -0.99 0.00	25.37 -1.19 0.00	21.36 -1.15 0.00	26.54 -1.31 0.00	18.77 -0.87 0.00	18.76 -0.73 0.00	18.61 -0.85 0.00	19.82 -0.83 0.00	21.44 -1.01 0.00	24.62 -1.30 0.00	44.93 -2.55 0.00	39.41 -2.37 0.00	28.66 -1.57 0.00	26.44 -1.57 0.00	21.30 -1.20 0.00	20.82 -1.23 0.00	20.06 -1.14 0.00	23.65 -1.02 0.00
STEEL___WIND 323596	18.62 -1.24 0.00	16.16 -1.08 0.00	16.86 -1.13 0.00	16.08 -1.17 0.00	13.78 -1.04 0.00	18.26 -1.00 0.00	27.02 -1.41 0.00	24.82 -1.74 0.00	20.78 -1.73 0.00	25.88 -1.97 0.00	18.37 -1.27 0.00	18.44 -1.05 0.00	18.17 -1.28 0.00	19.38 -1.27 0.00	20.19 -1.56 0.71	13.10 -1.90 10.92	25.93 -3.72 17.82	22.32 -3.46 16.01	15.44 -2.22 12.56	10.64 -2.10 15.27	11.79 -1.55 9.16	16.05 -1.59 4.41	19.67 -1.54 0.00	23.45 -1.23 0.00
STEPHTWN_115KV_BK_2 55603	20.76 0.90 0.00	18.02 0.77 0.00	18.82 0.82 0.00	18.04 0.79 0.00	15.50 0.67 0.00	20.10 0.85 0.00	29.72 1.28 0.00	27.75 1.19 0.00	23.59 1.08 0.00	29.01 1.16 0.00	20.34 0.70 0.00	20.14 0.66 0.00	20.11 0.65 0.00	21.49 0.84 0.00	23.35 0.90 0.00	27.01 1.09 0.00	49.34 1.86 0.00	43.50 1.72 0.00	31.51 1.27 0.00	29.16 1.16 0.00	23.36 0.86 0.00	22.91 0.87 0.00	22.03 0.82 0.00	25.60 0.92 0.00
STEUBEN_REC_LFGE 323667	18.38 -1.48 0.00	15.82 -1.42 0.00	16.54 -1.46 0.00	15.65 -1.60 0.00	13.47 -1.35 0.00	18.03 -1.22 0.00	26.71 -1.72 0.00	25.03 -1.52 0.00	21.30 -1.21 0.00	26.43 -1.42 0.00	18.72 -0.92 0.00	18.69 -0.80 0.00	18.28 -1.18 0.00	19.46 -1.19 0.00	22.53 -1.44 -1.52	47.41 -1.43 -22.92	82.43 -2.08 -37.03	72.51 -2.53 -33.26	54.16 -2.18 -26.11	57.97 -1.76 -31.72	39.99 -1.55 -19.04	29.58 -1.65 -9.19	19.44 -1.76 0.00	22.86 -1.82 0.00
STILLWATER___SOLAR 323814	20.79 0.93 0.00	18.06 0.81 0.00	18.87 0.87 0.00	18.09 0.85 0.00	15.56 0.73 0.00	20.21 0.95 0.00	29.85 1.42 0.00	27.83 1.27 0.00	23.60 1.09 0.00	29.27 1.41 0.00	20.49 0.86 0.00	20.20 0.71 0.00	20.20 0.74 0.00	21.53 0.89 0.00	23.51 1.06 0.00	27.21 1.29 0.00	49.81 2.33 0.00	43.89 2.11 0.00	31.79 1.55 0.00	29.39 1.39 0.00	23.54 1.04 0.00	23.01 0.96 0.00	22.17 0.97 0.00	25.80 1.12 0.00
STONY___BROOK 24151	21.30 1.44 0.00	18.43 1.18 0.00	18.97 0.97 0.00	18.26 1.01 0.00	15.69 0.87 0.00	20.32 1.06 0.00	29.57 1.13 0.00	27.45 0.89 0.00	24.07 1.57 0.00	29.78 1.93 0.00	20.88 1.24 0.00	20.56 1.08 0.00	20.83 1.37 0.00	22.15 1.51 0.00	24.90 1.79 -0.66	31.46 2.18 -3.36	50.54 3.06 0.00	44.37 2.59 0.00	32.06 1.82 0.00	29.96 1.95 0.00	24.27 1.78 0.00	23.71 1.66 0.00	22.83 1.63 0.00	26.36 1.68 0.00
STURGEON_POOL_HYD 23609	20.52 0.66 0.00	17.82 0.58 0.00	18.61 0.61 0.00	17.85 0.60 0.00	15.32 0.49 0.00	19.82 0.56 0.00	29.23 0.79 0.00	27.46 0.90 0.00	23.37 0.87 0.00	28.85 0.99 0.00	20.32 0.68 0.00	20.17 0.68 0.00	20.19 0.73 0.00	21.36 0.72 0.00	23.27 0.81 0.00	26.94 1.02 0.00	49.21 1.74 0.00	43.52 1.73 0.00	31.42 1.19 0.00	29.12 1.11 0.00	23.42 0.93 0.00	22.97 0.93 0.00	22.08 0.88 0.00	25.56 0.88 0.00
ST_LAW_115_BK7_LBMP 345037	19.73 -0.14 0.00	17.11 -0.14 0.00	17.78 -0.21 0.00	7.71 -0.20 9.34	14.48 -0.15 0.19	17.95 -0.16 1.15	25.16 -0.20 3.07	23.38 -0.22 2.96	19.57 -0.24 2.71	24.56 -0.26 3.03	16.96 -0.14 2.54	16.83 -0.14 2.53	16.79 -0.15 2.52	18.77 -0.16 1.72	21.60 -0.21 0.64	23.88 -0.31 1.73	44.55 -0.39 2.54	41.37 -0.41 0.00	28.78 -0.29 1.16	24.73 -0.22 3.06	19.63 -0.15 2.71	19.22 -0.14 2.69	18.46 -0.11 2.63	21.97 -0.08 2.63

ST_LAW_115_BK8_LBMP 345038	19.73 -0.14 0.00	17.11 -0.14 0.00	17.78 -0.21 0.00	7.71 -0.20 9.34	14.48 -0.15 0.19	17.95 -0.16 1.15	25.16 -0.20 3.07	23.38 -0.22 2.96	19.57 -0.24 2.71	24.56 -0.26 3.03	16.96 -0.14 2.54	16.83 -0.14 2.53	16.79 -0.15 2.52	18.77 -0.16 1.72	21.60 -0.21 0.64	23.88 -0.31 1.73	44.55 -0.39 2.54	41.37 -0.41 0.00	28.78 -0.29 1.16	24.73 -0.22 3.06	19.63 -0.15 2.71	19.22 -0.14 2.69	18.46 -0.11 2.63	21.97 -0.08 2.63
ST_LAW_230_BK5_LBMP 345035	19.72 -0.14 0.00	17.10 -0.14 0.00	17.78 -0.21 0.00	7.71 -0.20 9.34	14.48 -0.16 0.19	17.94 -0.16 1.15	25.16 -0.20 3.07	23.38 -0.22 2.96	19.57 -0.24 2.71	24.56 -0.26 3.03	16.96 -0.14 2.54	16.82 -0.14 2.53	16.79 -0.15 2.52	18.77 -0.16 1.72	21.60 -0.21 0.64	23.88 -0.31 1.73	44.55 -0.39 2.54	41.36 -0.43 0.00	28.78 -0.29 1.16	24.73 -0.22 3.06	19.63 -0.15 2.71	19.22 -0.14 2.69	18.46 -0.12 2.63	21.96 -0.08 2.63
ST_LAW_230_BK6_LBMP 345036	19.72 -0.14 0.00	17.10 -0.14 0.00	17.78 -0.21 0.00	7.71 -0.20 9.34	14.48 -0.16 0.19	17.94 -0.16 1.15	25.16 -0.20 3.07	23.38 -0.22 2.96	19.57 -0.24 2.71	24.56 -0.26 3.03	16.96 -0.14 2.54	16.82 -0.14 2.53	16.79 -0.15 2.52	18.77 -0.16 1.72	21.60 -0.21 0.64	23.88 -0.31 1.73	44.55 -0.39 2.54	41.36 -0.43 0.00	28.78 -0.29 1.16	24.73 -0.22 3.06	19.63 -0.15 2.71	19.22 -0.14 2.69	18.46 -0.12 2.63	21.96 -0.08 2.63
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.73 0.87 0.00	17.99 0.74 0.00	18.76 0.75 0.00	17.98 0.73 0.00	15.43 0.60 0.00	20.01 0.75 0.00	29.54 1.11 0.00	27.73 1.17 0.00	23.55 1.04 0.00	29.06 1.21 0.00	20.48 0.84 0.00	20.32 0.83 0.00	20.34 0.88 0.00	21.52 0.87 0.00	23.43 0.97 0.00	27.13 1.21 0.00	49.59 2.11 0.00	43.87 2.09 0.00	31.66 1.43 0.00	29.33 1.33 0.00	23.60 1.10 0.00	23.16 1.12 0.00	22.26 1.06 0.00	25.78 1.11 0.00
SWANROAD_115KV_TB1 355699	18.11 -1.75 0.00	15.81 -1.44 0.00	16.49 -1.51 0.00	15.71 -1.54 0.00	13.51 -1.31 0.00	17.82 -1.44 0.00	26.37 -2.06 0.00	24.08 -2.47 0.00	19.99 -2.52 0.00	24.87 -2.99 0.00	17.63 -2.01 0.00	17.69 -1.80 0.00	17.46 -2.00 0.00	18.61 -2.04 0.00	19.55 -2.37 0.54	14.83 -2.77 8.32	28.10 -5.78 13.59	24.25 -5.32 12.21	17.11 -3.54 9.59	12.97 -3.39 11.65	13.25 -2.30 6.95	16.39 -2.31 3.35	18.94 -2.26 0.00	22.75 -1.93 0.00
SYNERGY___BIOGAS 323694	18.98 -0.88 0.00	16.52 -0.73 0.00	17.21 -0.78 0.00	16.42 -0.83 0.00	14.11 -0.72 0.00	18.63 -0.63 0.00	27.64 -0.79 0.00	25.46 -1.10 0.00	21.31 -1.20 0.00	26.54 -1.32 0.00	18.76 -0.88 0.00	18.84 -0.65 0.00	18.62 -0.83 0.00	19.86 -0.97 0.00	21.12 -0.97 0.36	19.20 -1.19 5.52	35.85 -2.60 9.02	31.22 -2.46 8.10	22.30 -1.57 6.36	18.73 -1.55 7.73	16.83 -1.04 4.63	18.67 -1.14 2.23	20.05 -1.15 0.00	23.86 -0.82 0.00
SYRACUSE___ENERGY_ST1 323597	19.60 -0.26 0.00	17.01 -0.23 0.00	17.77 -0.23 0.00	17.01 -0.24 0.00	14.62 -0.20 0.00	19.05 -0.21 0.00	28.15 -0.28 0.00	26.29 -0.26 0.00	22.30 -0.21 0.00	27.64 -0.21 0.00	19.51 -0.12 0.00	19.41 -0.07 0.00	19.35 -0.11 0.00	20.52 -0.13 0.00	22.30 -0.15 0.00	25.72 -0.20 0.00	47.16 -0.32 0.00	41.49 -0.29 0.00	30.05 -0.19 0.00	27.81 -0.20 0.00	22.29 -0.21 0.00	21.82 -0.22 0.00	20.94 -0.26 0.00	24.39 -0.29 0.00
SYRACUSE___ENERGY_ST2 323598	19.60 -0.26 0.00	17.01 -0.23 0.00	17.77 -0.23 0.00	17.01 -0.24 0.00	14.62 -0.20 0.00	19.05 -0.21 0.00	28.15 -0.28 0.00	26.29 -0.26 0.00	22.30 -0.21 0.00	27.64 -0.21 0.00	19.51 -0.12 0.00	19.41 -0.07 0.00	19.35 -0.11 0.00	20.52 -0.13 0.00	22.30 -0.15 0.00	25.72 -0.20 0.00	47.16 -0.32 0.00	41.49 -0.29 0.00	30.05 -0.19 0.00	27.81 -0.20 0.00	22.29 -0.21 0.00	21.82 -0.22 0.00	20.94 -0.26 0.00	24.39 -0.29 0.00
SYRACUSE___POWER 24017	19.61 -0.25 0.00	17.02 -0.23 0.00	17.77 -0.23 0.00	17.01 -0.24 0.00	14.62 -0.20 0.00	19.06 -0.20 0.00	28.17 -0.26 0.00	26.31 -0.24 0.00	22.30 -0.21 0.00	27.62 -0.23 0.00	19.50 -0.14 0.00	19.41 -0.08 0.00	19.34 -0.12 0.00	20.52 -0.12 0.00	22.30 -0.14 0.00	25.72 -0.20 0.00	47.13 -0.35 0.00	41.44 -0.34 0.00	30.01 -0.22 0.00	27.77 -0.24 0.00	22.27 -0.23 0.00	21.81 -0.23 0.00	20.94 -0.27 0.00	24.38 -0.30 0.00
TALLMAN___138KV_BK151 55660	20.81 0.95 0.00	18.06 0.81 0.00	18.82 0.82 0.00	18.04 0.79 0.00	15.48 0.65 0.00	20.08 0.83 0.00	29.65 1.22 0.00	27.86 1.30 0.00	23.66 1.15 0.00	29.20 1.34 0.00	20.58 0.95 0.00	20.42 0.94 0.00	20.45 0.99 0.00	21.62 0.97 0.00	23.53 1.07 0.00	27.26 1.34 0.00	49.77 2.30 0.00	44.05 2.27 0.00	31.78 1.54 0.00	29.44 1.44 0.00	23.70 1.20 0.00	23.28 1.23 0.00	22.37 1.17 0.00	25.91 1.24 0.00
TEALLAVE_115KV_TB7 355573	19.50 -0.36 0.00	16.93 -0.31 0.00	17.68 -0.31 0.00	16.93 -0.32 0.00	14.56 -0.27 0.00	18.96 -0.29 0.00	28.01 -0.42 0.00	26.16 -0.40 0.00	22.17 -0.34 0.00	27.46 -0.40 0.00	19.39 -0.25 0.00	19.29 -0.19 0.00	19.22 -0.24 0.00	20.41 -0.24 0.00	22.18 -0.28 0.00	25.56 -0.36 0.00	46.82 -0.66 0.00	41.15 -0.63 0.00	29.79 -0.45 0.00	27.57 -0.43 0.00	22.12 -0.38 0.00	21.67 -0.37 0.00	20.81 -0.39 0.00	24.24 -0.44 0.00
TELGRAPH_34_KV_EAST 80808	18.58 -1.28 0.00	16.19 -1.06 0.00	16.87 -1.13 0.00	16.08 -1.17 0.00	13.84 -0.99 0.00	18.25 -1.00 0.00	27.05 -1.38 0.00	24.81 -1.75 0.00	20.70 -1.81 0.00	25.76 -2.09 0.00	18.24 -1.40 0.00	18.31 -1.18 0.00	18.08 -1.37 0.00	19.28 -1.37 0.00	20.37 -1.64 0.44	17.09 -1.98 6.85	32.20 -4.09 11.19	27.93 -3.81 10.05	19.86 -2.48 7.89	16.00 -2.42 9.58	15.11 -1.66 5.74	17.58 -1.70 2.77	19.55 -1.66 0.00	23.35 -1.33 0.00
TEMPLE___115KV_TB 2 55572	19.51 -0.35 0.00	16.94 -0.31 0.00	17.69 -0.31 0.00	16.94 -0.31 0.00	14.56 -0.27 0.00	18.97 -0.29 0.00	28.03 -0.40 0.00	26.17 -0.39 0.00	22.18 -0.33 0.00	27.46 -0.39 0.00	19.39 -0.25 0.00	19.30 -0.19 0.00	19.23 -0.23 0.00	20.42 -0.23 0.00	22.18 -0.27 0.00	25.57 -0.35 0.00	46.84 -0.64 0.00	41.16 -0.62 0.00	29.81 -0.43 0.00	27.58 -0.42 0.00	22.13 -0.36 0.00	21.68 -0.36 0.00	20.82 -0.38 0.00	24.25 -0.42 0.00
TIANA____69_KV_BK 1 55817	21.25 1.39 0.00	18.36 1.12 0.00	18.86 0.86 0.00	18.20 0.95 0.00	15.60 0.77 0.00	20.21 0.96 0.00	29.37 0.94 0.00	27.15 0.59 0.00	23.97 1.46 0.00	29.65 1.80 0.00	20.66 1.02 0.00	20.29 0.81 0.00	20.68 1.22 0.00	22.06 1.41 0.00	24.81 1.70 -0.66	31.42 2.14 -3.36	50.46 2.98 0.00	44.32 2.54 0.00	32.05 1.81 0.00	30.00 2.00 0.00	24.38 1.88 0.00	23.79 1.74 0.00	22.82 1.61 0.00	26.32 1.65 0.00
TILDEN___115KV_TB1 80814	19.61 -0.25 0.00	17.02 -0.23 0.00	17.77 -0.23 0.00	17.01 -0.24 0.00	14.62 -0.20 0.00	19.06 -0.20 0.00	28.17 -0.26 0.00	26.31 -0.24 0.00	22.30 -0.21 0.00	27.62 -0.23 0.00	19.50 -0.14 0.00	19.41 -0.08 0.00	19.34 -0.12 0.00	20.52 -0.12 0.00	22.30 -0.14 0.00	25.72 -0.20 0.00	47.13 -0.35 0.00	41.44 -0.34 0.00	30.01 -0.22 0.00	27.77 -0.24 0.00	22.27 -0.23 0.00	21.81 -0.23 0.00	20.94 -0.27 0.00	24.38 -0.30 0.00

TRIGEN___CC 323695	21.14 1.28 0.00	18.31 1.06 0.00	18.94 0.94 0.00	18.18 0.93 0.00	15.64 0.81 0.00	20.26 1.00 0.00	29.65 1.21 0.00	27.66 1.11 0.00	23.95 1.44 0.00	29.64 1.79 0.00	20.86 1.22 0.00	20.63 1.14 0.00	20.77 1.31 0.00	22.01 1.36 0.00	24.70 1.59 -0.66	31.21 1.93 -3.36	50.37 2.90 0.00	44.34 2.56 0.00	31.97 1.74 0.00	29.73 1.73 0.00	24.01 1.51 0.00	23.52 1.47 0.00	22.64 1.43 0.00	26.16 1.49 0.00
TRINITY___115KV___4 BK 55933	20.64 0.78 0.00	17.93 0.69 0.00	18.75 0.75 0.00	17.97 0.72 0.00	15.44 0.62 0.00	20.00 0.75 0.00	29.51 1.07 0.00	27.52 0.97 0.00	23.37 0.86 0.00	28.85 0.99 0.00	20.24 0.60 0.00	19.96 0.47 0.00	19.98 0.52 0.00	21.23 0.59 0.00	23.15 0.70 0.00	26.78 0.86 0.00	48.94 1.46 0.00	43.12 1.34 0.00	31.21 0.98 0.00	28.87 0.87 0.00	23.18 0.68 0.00	22.69 0.64 0.00	21.85 0.64 0.00	25.41 0.73 0.00
UNION___PROCESSING_DRP 323587	18.99 -0.87 0.00	16.49 -0.75 0.00	17.20 -0.80 0.00	16.43 -0.82 0.00	14.13 -0.69 0.00	18.52 -0.73 0.00	27.44 -0.99 0.00	25.37 -1.19 0.00	21.36 -1.15 0.00	26.55 -1.30 0.00	18.77 -0.87 0.00	18.77 -0.72 0.00	18.62 -0.84 0.00	19.82 -0.82 0.00	21.44 -1.01 0.00	24.63 -1.29 0.00	44.95 -2.53 0.00	39.43 -2.36 0.00	28.68 -1.56 0.00	26.45 -1.55 0.00	21.32 -1.18 0.00	20.83 -1.22 0.00	20.07 -1.13 0.00	23.66 -1.02 0.00
UPPER HUDSON___HYD 24058	20.65 0.79 0.00	17.93 0.69 0.00	18.74 0.74 0.00	17.98 0.73 0.00	15.46 0.64 0.00	20.14 0.88 0.00	29.77 1.34 0.00	27.77 1.21 0.00	23.58 1.07 0.00	29.30 1.45 0.00	20.44 0.81 0.00	20.11 0.62 0.00	20.12 0.66 0.00	21.45 0.80 0.00	23.42 0.96 0.00	27.11 1.19 0.00	49.70 2.22 0.00	43.78 2.00 0.00	31.75 1.51 0.00	29.35 1.34 0.00	23.41 0.91 0.00	22.87 0.82 0.00	22.11 0.91 0.00	25.72 1.04 0.00
UPPER RAQUET___HYD 24056	20.39 0.53 0.00	17.61 0.36 0.00	18.11 0.11 -0.01	13.50 0.00 3.75	16.88 0.05 -2.00	31.54 0.22 -12.06	61.23 0.55 -32.25	58.21 0.61 -31.04	51.30 0.39 -28.39	59.81 0.14 -31.82	46.63 0.36 -26.62	46.27 0.28 -26.50	46.25 0.30 -26.49	39.00 0.35 -18.00	29.87 0.67 -6.75	31.35 1.14 -4.29	77.11 2.99 -26.65	44.42 2.64 0.00	43.89 1.50 -12.15	61.35 1.27 -32.08	51.84 0.84 -28.50	50.79 0.56 -28.18	49.22 0.38 -27.63	52.72 0.42 -27.62
VALLEY44_115KV_TB2 355964	19.37 -0.49 0.00	16.79 -0.45 0.00	17.54 -0.46 0.00	16.74 -0.50 0.00	14.34 -0.48 0.00	18.89 -0.36 0.00	27.81 -0.62 0.00	25.81 -0.75 0.00	21.76 -0.75 0.00	27.06 -0.79 0.00	19.26 -0.38 0.00	19.40 -0.09 0.00	19.17 -0.29 0.00	20.39 -0.26 0.00	21.97 -0.42 0.05	21.72 -0.68 3.52	38.79 -1.35 7.33	33.87 -1.33 6.59	24.31 -0.75 5.17	21.05 -0.67 6.28	18.28 -0.45 3.76	19.84 -0.39 1.82	20.76 -0.44 0.00	24.62 -0.05 0.00
VALLEY___115KV_TB 1-4 80826	20.18 0.32 0.00	17.53 0.28 0.00	18.29 0.29 0.00	18.04 0.28 -0.51	15.04 0.21 0.00	19.53 0.28 0.00	28.78 0.35 0.00	26.86 0.30 0.00	22.72 0.21 0.00	28.22 0.36 0.00	19.74 0.10 0.00	19.49 0.01 0.00	19.49 0.03 0.00	20.73 0.09 0.00	22.70 0.25 0.00	26.47 0.48 -0.07	48.21 0.73 0.00	42.51 0.73 0.00	30.72 0.49 0.00	28.25 0.24 0.00	22.62 0.12 0.00	22.15 0.10 0.00	21.30 0.09 0.00	24.68 0.01 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.59 0.73 0.00	17.86 0.62 0.00	18.69 0.68 0.00	17.89 0.64 0.00	15.37 0.54 0.00	19.95 0.70 0.00	29.50 1.07 0.00	27.62 1.07 0.00	23.41 0.90 0.00	28.98 1.13 0.00	20.46 0.82 0.00	20.29 0.80 0.00	20.27 0.80 0.00	21.48 0.83 0.00	23.36 0.91 0.00	26.98 1.06 0.00	49.37 1.89 0.00	43.56 1.77 0.00	31.51 1.27 0.00	29.15 1.14 0.00	23.40 0.90 0.00	22.93 0.89 0.00	21.99 0.79 0.00	25.54 0.86 0.00
VISCHER___FERRY HYD 24020	20.67 0.81 0.00	17.96 0.72 0.00	18.78 0.77 0.00	18.00 0.75 0.00	15.46 0.64 0.00	20.05 0.79 0.00	29.59 1.15 0.00	27.57 1.01 0.00	23.43 0.92 0.00	28.95 1.10 0.00	20.29 0.65 0.00	20.02 0.54 0.00	20.03 0.57 0.00	21.33 0.69 0.00	23.29 0.84 0.00	26.95 1.03 0.00	49.22 1.75 0.00	43.38 1.59 0.00	31.42 1.18 0.00	29.06 1.05 0.00	23.31 0.81 0.00	22.80 0.76 0.00	21.97 0.77 0.00	25.57 0.89 0.00
V_A_10_SYNC_DSASP 323832	18.50 -1.36 0.00	16.09 -1.16 0.00	16.78 -1.22 0.00	16.01 -1.24 0.00	13.74 -1.09 0.00	18.09 -1.17 0.00	26.76 -1.68 0.00	24.58 -1.98 0.00	20.59 -1.92 0.00	25.61 -2.24 0.00	18.14 -1.50 0.00	18.17 -1.31 0.00	17.98 -1.48 0.00	19.14 -1.51 0.00	20.32 -1.79 0.34	18.48 -2.20 5.24	34.57 -4.37 8.54	30.04 -4.08 7.67	21.48 -2.73 6.02	18.08 -2.61 7.31	16.14 -1.96 4.39	17.95 -1.97 2.12	19.40 -1.81 0.00	23.06 -1.62 0.00
V_CMM_10_SYNC_DSASP 323787	19.84 -0.03 0.00	17.20 -0.05 0.00	17.89 -0.12 0.00	7.81 -0.10 9.34	14.56 -0.07 0.19	18.06 -0.05 1.15	25.32 -0.04 3.07	23.54 -0.06 2.96	19.69 -0.11 2.71	24.72 -0.10 3.03	17.07 -0.03 2.54	16.94 -0.02 2.53	16.90 -0.03 2.52	18.89 -0.04 1.72	21.72 -0.08 0.64	24.03 -0.17 1.73	44.81 -0.13 2.54	41.59 -0.19 0.00	28.96 -0.11 1.16	24.90 -0.05 3.06	19.76 -0.02 2.71	19.35 -0.01 2.69	18.58 0.01 2.63	22.11 0.06 2.63
V_CMP_10_SYNC_DSASP 323788	19.85 -0.01 0.00	17.09 -0.16 0.00	17.51 -0.48 0.01	8.12 -0.52 8.61	11.33 -0.44 3.05	0.38 -0.52 18.35	-21.32 -0.69 49.06	-21.30 -0.63 47.22	-21.26 -0.57 43.19	-21.32 -0.76 48.41	-21.31 -0.45 40.50	-21.26 -0.43 40.32	-21.27 -0.43 40.30	-7.19 -0.45 27.39	11.79 -0.40 10.27	17.00 -0.46 8.47	6.20 -0.74 40.54	41.21 -0.57 0.00	11.28 -0.47 18.48	-21.32 -0.53 48.80	-21.29 -0.44 43.35	-21.30 -0.47 42.88	-21.30 -0.47 42.03	-17.77 -0.43 42.02
V_D_10_SYNC_DSASP 323841	19.92 0.05 0.00	17.27 0.02 0.00	17.95 -0.04 0.00	7.87 -0.04 9.34	14.62 -0.02 0.19	18.14 0.03 1.15	75.45 0.09 -46.93	52.94 0.17 -26.21	19.83 0.03 2.71	24.83 0.01 3.03	17.14 0.04 2.54	17.02 0.06 2.53	16.98 0.04 2.52	18.97 0.04 1.72	21.81 0.00 0.64	24.13 -0.06 1.73	45.00 0.06 2.54	41.76 -0.03 0.00	29.08 0.01 1.16	25.01 0.06 3.06	19.85 0.07 2.71	19.44 0.08 2.69	18.66 0.09 2.63	22.21 0.17 2.63
V_E_10_SYNC_DSASP 323830	20.50 0.63 0.00	17.54 0.30 0.00	18.30 0.30 0.00	17.47 0.22 0.00	15.10 0.27 0.00	20.01 0.75 0.00	29.74 1.31 0.00	27.91 1.36 0.00	23.66 1.16 0.00	29.32 1.46 0.00	20.74 1.11 0.00	20.50 1.01 0.00	20.43 0.97 0.00	21.73 1.09 0.00	23.85 1.28 -0.11	29.10 1.41 -1.76	53.21 2.86 -2.88	47.25 2.89 -2.58	34.22 1.96 -2.03	31.85 1.38 -2.46	25.14 1.16 -1.48	23.71 0.95 -0.71	21.69 0.48 0.00	25.20 0.52 0.00
V_F_30_NSYNC___DSASP 323816	20.80 0.94 0.00	18.07 0.83 0.00	18.88 0.88 0.00	18.10 0.85 0.00	15.56 0.74 0.00	20.22 0.96 0.00	29.87 1.44 0.00	27.85 1.30 0.00	23.62 1.11 0.00	29.29 1.44 0.00	20.53 0.89 0.00	20.23 0.74 0.00	20.24 0.78 0.00	21.56 0.92 0.00	23.53 1.08 0.00	27.24 1.32 0.00	49.87 2.39 0.00	43.94 2.16 0.00	31.81 1.58 0.00	29.42 1.42 0.00	23.56 1.06 0.00	23.03 0.99 0.00	22.19 0.99 0.00	25.81 1.14 0.00

V_F_30_SYNC_DSASP 323786	20.70 0.84 0.00	17.99 0.74 0.00	18.81 0.80 0.00	18.02 0.77 0.00	15.49 0.67 0.00	20.07 0.81 0.00	29.61 1.18 0.00	27.62 1.06 0.00	23.44 0.94 0.00	28.95 1.10 0.00	20.33 0.69 0.00	20.06 0.57 0.00	20.07 0.61 0.00	21.33 0.68 0.00	23.25 0.80 0.00	26.90 0.98 0.00	49.17 1.69 0.00	43.33 1.55 0.00	31.36 1.13 0.00	29.00 1.00 0.00	23.29 0.78 0.00	22.78 0.73 0.00	21.93 0.72 0.00	25.50 0.82 0.00
V_XM_10_SYNC_DSASP 323789	19.85 -0.01 0.00	17.09 -0.16 0.00	17.51 -0.48 0.01	8.12 -0.52 8.61	11.33 -0.44 3.05	0.38 -0.52 18.35	-21.32 -0.69 49.06	-21.30 -0.63 47.22	-21.26 -0.57 43.19	-21.32 -0.76 48.41	-21.31 -0.45 40.50	-21.26 -0.43 40.32	-21.27 -0.43 40.30	-7.19 -0.45 27.39	11.79 -0.40 10.27	17.00 -0.46 8.47	6.20 -0.74 40.54	41.21 -0.57 0.00	11.28 -0.47 18.48	-21.32 -0.53 48.80	-21.29 -0.44 43.35	-21.30 -0.47 42.88	-21.30 -0.47 42.03	-17.77 -0.43 42.02
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.87 1.01 0.00	18.11 0.86 0.00	18.87 0.87 0.00	18.09 0.84 0.00	15.52 0.70 0.00	20.14 0.89 0.00	29.74 1.31 0.00	27.91 1.35 0.00	23.70 1.19 0.00	29.25 1.40 0.00	20.61 0.97 0.00	20.46 0.97 0.00	20.48 1.02 0.00	21.65 1.00 0.00	23.56 1.10 0.00	27.29 1.36 0.00	49.84 2.36 0.00	44.11 2.33 0.00	31.86 1.62 0.00	29.53 1.53 0.00	23.77 1.28 0.00	23.35 1.30 0.00	22.44 1.24 0.00	25.99 1.31 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.97 1.11 0.00	18.18 0.93 0.00	18.93 0.94 0.00	18.15 0.90 0.00	15.58 0.75 0.00	20.20 0.95 0.00	29.83 1.40 0.00	28.03 1.47 0.00	23.87 1.36 0.00	29.48 1.63 0.00	20.76 1.13 0.00	20.60 1.12 0.00	20.65 1.19 0.00	21.83 1.18 0.00	23.76 1.31 0.00	27.53 1.61 0.00	50.25 2.78 0.00	44.50 2.71 0.00	32.07 1.84 0.00	29.71 1.70 0.00	23.92 1.42 0.00	23.46 1.42 0.00	22.54 1.34 0.00	26.05 1.38 0.00
W50THST__13_KV_LOAD 356117	21.12 1.26 0.00	18.31 1.07 0.00	19.07 1.07 0.00	18.29 1.04 0.00	15.70 0.88 0.00	20.36 1.11 0.00	30.07 1.64 0.00	28.27 1.72 0.00	24.10 1.59 0.00	29.78 1.92 0.00	20.97 1.33 0.00	20.83 1.34 0.00	20.87 1.41 0.00	22.06 1.42 0.00	24.02 1.56 0.00	27.82 1.90 0.00	50.77 3.29 0.00	44.94 3.16 0.00	32.38 2.15 0.00	29.98 1.97 0.00	24.12 1.63 0.00	23.65 1.61 0.00	22.72 1.52 0.00	26.25 1.57 0.00
WADING RIVER_IC_1 23522	21.26 1.40 0.00	18.38 1.14 0.00	18.86 0.86 0.00	18.22 0.97 0.00	15.60 0.77 0.00	20.19 0.94 0.00	29.35 0.92 0.00	27.06 0.51 0.00	23.95 1.45 0.00	29.61 1.75 0.00	20.60 0.96 0.00	20.24 0.75 0.00	20.68 1.22 0.00	22.07 1.43 0.00	24.82 1.70 -0.66	31.41 2.13 -3.36	50.44 2.97 0.00	44.21 2.42 0.00	31.96 1.73 0.00	29.97 1.96 0.00	24.34 1.84 0.00	23.75 1.71 0.00	22.82 1.61 0.00	26.32 1.65 0.00
WADING RIVER_IC_2 23547	21.26 1.40 0.00	18.38 1.14 0.00	18.86 0.86 0.00	18.22 0.97 0.00	15.60 0.77 0.00	20.19 0.94 0.00	29.35 0.92 0.00	27.06 0.51 0.00	23.95 1.45 0.00	29.61 1.75 0.00	20.60 0.96 0.00	20.24 0.75 0.00	20.68 1.22 0.00	22.07 1.43 0.00	24.82 1.70 -0.66	31.41 2.13 -3.36	50.44 2.97 0.00	44.21 2.42 0.00	31.96 1.73 0.00	29.97 1.96 0.00	24.34 1.84 0.00	23.75 1.71 0.00	22.82 1.61 0.00	26.32 1.65 0.00
WADING RIVER_IC_3 23601	21.26 1.40 0.00	18.38 1.14 0.00	18.86 0.86 0.00	18.22 0.97 0.00	15.60 0.77 0.00	20.19 0.94 0.00	29.35 0.92 0.00	27.06 0.51 0.00	23.95 1.45 0.00	29.61 1.75 0.00	20.60 0.96 0.00	20.24 0.75 0.00	20.68 1.22 0.00	22.07 1.43 0.00	24.82 1.70 -0.66	31.41 2.13 -3.36	50.44 2.97 0.00	44.21 2.42 0.00	31.96 1.73 0.00	29.97 1.96 0.00	24.34 1.84 0.00	23.75 1.71 0.00	22.82 1.61 0.00	26.32 1.65 0.00
WALDENNY_12_KV_BK2 80841	18.65 -1.21 0.00	16.19 -1.06 0.00	16.90 -1.10 0.00	16.10 -1.15 0.00	13.84 -0.99 0.00	18.29 -0.97 0.00	27.09 -1.34 0.00	24.86 -1.69 0.00	20.80 -1.70 0.00	25.91 -1.95 0.00	18.39 -1.25 0.00	18.46 -1.02 0.00	18.20 -1.26 0.00	19.40 -1.24 0.00	20.23 -1.53 0.69	13.39 -1.90 10.63	26.40 -3.73 17.35	22.71 -3.49 15.58	15.78 -2.23 12.23	10.99 -2.15 14.86	12.05 -1.54 8.91	16.20 -1.56 4.30	19.69 -1.51 0.00	23.49 -1.19 0.00
WALDEN__HYDRO 24148	20.80 0.94 0.00	18.06 0.81 0.00	18.82 0.82 0.00	18.04 0.79 0.00	15.49 0.66 0.00	20.08 0.83 0.00	29.65 1.22 0.00	27.84 1.28 0.00	23.65 1.14 0.00	29.17 1.31 0.00	20.54 0.90 0.00	20.39 0.90 0.00	20.40 0.94 0.00	21.59 0.94 0.00	23.52 1.07 0.00	27.24 1.32 0.00	49.82 2.34 0.00	44.09 2.31 0.00	31.82 1.59 0.00	29.48 1.48 0.00	23.71 1.21 0.00	23.25 1.20 0.00	22.34 1.14 0.00	25.87 1.20 0.00
WARRENSBURG____ 23737	20.65 0.79 0.00	17.93 0.69 0.00	18.74 0.74 0.00	17.98 0.73 0.00	15.46 0.64 0.00	20.14 0.88 0.00	29.77 1.34 0.00	27.77 1.21 0.00	23.58 1.07 0.00	29.30 1.45 0.00	20.44 0.81 0.00	20.11 0.62 0.00	20.12 0.66 0.00	21.45 0.80 0.00	23.42 0.96 0.00	27.11 1.19 0.00	49.70 2.22 0.00	43.78 2.00 0.00	31.75 1.51 0.00	29.35 1.34 0.00	23.41 0.91 0.00	22.87 0.82 0.00	22.11 0.91 0.00	25.72 1.04 0.00
WATERSIDE____6 8 9 23538	20.98 1.12 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.15 0.90 0.00	15.58 0.76 0.00	20.20 0.95 0.00	29.83 1.40 0.00	28.04 1.48 0.00	23.87 1.36 0.00	29.48 1.63 0.00	20.77 1.13 0.00	20.62 1.13 0.00	20.65 1.19 0.00	21.82 1.17 0.00	23.76 1.31 0.00	27.54 1.62 0.00	50.27 2.79 0.00	44.50 2.72 0.00	32.08 1.85 0.00	29.72 1.72 0.00	23.93 1.43 0.00	23.47 1.42 0.00	22.54 1.34 0.00	26.04 1.36 0.00
WATKINRD_115KV_LN8_ILLION 55919	20.10 0.24 0.00	17.46 0.21 0.00	18.24 0.24 0.00	17.99 0.23 -0.51	15.01 0.19 0.00	19.48 0.23 0.00	28.75 0.32 0.00	26.85 0.30 0.00	22.76 0.25 0.00	28.21 0.36 0.00	19.77 0.13 0.00	19.55 0.06 0.00	19.55 0.10 0.00	20.79 0.14 0.00	22.69 0.24 0.00	26.36 0.37 -0.07	48.06 0.58 0.00	42.36 0.57 0.00	30.64 0.41 0.00	28.30 0.29 0.00	22.69 0.19 0.00	22.22 0.18 0.00	21.37 0.16 0.00	24.79 0.12 0.00
WATSON__69_KV_BK 1 55734	21.43 1.57 0.00	18.53 1.28 0.00	19.11 1.11 0.00	18.38 1.13 0.00	15.80 0.97 0.00	20.47 1.21 0.00	29.80 1.37 0.00	27.71 1.15 0.00	24.26 1.75 0.00	30.03 2.18 0.00	21.07 1.43 0.00	20.76 1.27 0.00	20.99 1.53 0.00	22.29 1.65 0.00	25.06 1.94 -0.66	31.67 2.39 -3.36	50.82 3.35 0.00	44.61 2.82 0.00	32.22 1.98 0.00	30.13 2.12 0.00	24.41 1.91 0.00	23.84 1.80 0.00	22.96 1.76 0.00	26.51 1.83 0.00
WDELAWARE__HYD 323627	20.89 1.03 0.00	18.13 0.89 0.00	18.92 0.92 0.00	18.13 0.88 0.00	15.57 0.75 0.00	20.20 0.94 0.00	29.84 1.41 0.00	28.00 1.44 0.00	23.79 1.29 0.00	29.32 1.46 0.00	20.62 0.98 0.00	20.39 0.91 0.00	20.42 0.96 0.00	21.65 1.00 0.00	23.60 1.15 0.00	27.30 1.38 0.00	50.07 2.60 0.00	44.37 2.58 0.00	32.04 1.80 0.00	29.66 1.66 0.00	23.84 1.35 0.00	23.38 1.33 0.00	22.44 1.24 0.00	25.99 1.31 0.00

WEST BABYLON___IC 23714	21.40 1.54 0.00	18.51 1.27 0.00	19.10 1.10 0.00	18.37 1.11 0.00	15.79 0.96 0.00	20.46 1.20 0.00	29.82 1.39 0.00	27.76 1.20 0.00	24.24 1.74 0.00	30.02 2.16 0.00	21.06 1.43 0.00	20.77 1.28 0.00	20.97 1.52 0.00	22.26 1.61 0.00	25.01 1.90 -0.66	31.61 2.33 -3.36	50.82 3.34 0.00	44.64 2.86 0.00	32.23 2.00 0.00	30.10 2.09 0.00	24.36 1.87 0.00	23.81 1.77 0.00	22.93 1.73 0.00	26.48 1.81 0.00
WEST CANADA___HYD 24049	19.92 0.06 0.00	17.31 0.07 0.00	18.07 0.07 0.00	17.84 0.08 -0.51	14.88 0.06 0.00	19.32 0.06 0.00	28.52 0.09 0.00	26.65 0.09 0.00	22.60 0.09 0.00	27.96 0.11 0.00	19.70 0.06 0.00	19.53 0.04 0.00	19.52 0.06 0.00	20.71 0.06 0.00	22.54 0.08 0.00	26.12 0.12 -0.07	47.68 0.20 0.00	41.95 0.17 0.00	30.35 0.12 0.00	28.09 0.09 0.00	22.56 0.07 0.00	22.11 0.06 0.00	21.26 0.06 0.00	24.73 0.05 0.00
WESTERN_NY_WIND 24143	18.95 -0.91 0.00	16.50 -0.75 0.00	17.19 -0.81 0.00	16.39 -0.86 0.00	14.10 -0.72 0.00	18.60 -0.65 0.00	27.61 -0.82 0.00	25.41 -1.15 0.00	21.27 -1.24 0.00	26.48 -1.37 0.00	18.72 -0.92 0.00	18.80 -0.68 0.00	18.59 -0.87 0.00	19.82 -0.83 0.00	21.05 -1.02 0.38	18.69 -1.29 5.94	35.03 -2.74 9.70	30.47 -2.60 8.72	21.75 -1.65 6.84	18.05 -1.65 8.31	16.41 -1.12 4.97	18.45 -1.20 2.40	20.02 -1.19 0.00	23.82 -0.85 0.00
WESTOVER___LESR 323668	19.73 -0.13 0.00	17.11 -0.14 0.00	17.89 -0.11 0.00	17.10 -0.15 0.00	14.67 -0.15 0.00	19.18 -0.08 0.00	28.34 -0.09 0.00	26.55 0.00 0.00	22.48 -0.03 0.00	27.81 -0.04 0.00	19.62 -0.02 0.00	19.59 0.10 0.00	19.48 0.02 0.00	20.67 0.02 0.00	22.46 0.00 0.00	25.86 -0.06 0.00	47.47 0.00 0.00	41.72 -0.06 0.00	30.28 0.05 0.00	28.06 0.05 0.00	22.46 -0.04 0.00	22.07 0.02 0.00	21.12 -0.08 0.00	24.63 -0.05 0.00
WETHRSFD_WT_PWR 323626	18.22 -1.64 0.00	15.74 -1.50 0.00	16.50 -1.50 0.00	15.67 -1.58 0.00	13.44 -1.38 0.00	17.84 -1.41 0.00	26.51 -1.92 0.00	24.53 -2.02 0.00	20.60 -1.91 0.00	25.62 -2.23 0.00	18.18 -1.46 0.00	18.26 -1.23 0.00	17.96 -1.50 0.00	19.08 -1.57 0.00	18.28 -1.85 2.33	-12.21 -2.16 35.97	-15.15 -3.96 58.66	-14.60 -3.69 52.69	-13.66 -2.53 41.36	-24.46 -2.21 50.25	-9.50 -1.84 30.16	5.58 -1.91 14.55	19.28 -1.93 0.00	22.86 -1.81 0.00
WHAVSTOR_138KV_BK127 55557	20.80 0.94 0.00	18.05 0.80 0.00	18.81 0.81 0.00	18.03 0.78 0.00	15.47 0.65 0.00	20.07 0.81 0.00	29.62 1.19 0.00	27.83 1.27 0.00	23.64 1.13 0.00	29.18 1.32 0.00	20.56 0.93 0.00	20.40 0.92 0.00	20.43 0.97 0.00	21.60 0.95 0.00	23.50 1.05 0.00	27.22 1.30 0.00	49.71 2.23 0.00	43.99 2.21 0.00	31.73 1.49 0.00	29.41 1.40 0.00	23.68 1.18 0.00	23.25 1.20 0.00	22.35 1.15 0.00	25.89 1.21 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.80 0.94 0.00	18.05 0.80 0.00	18.81 0.81 0.00	18.03 0.78 0.00	15.47 0.65 0.00	20.07 0.81 0.00	29.62 1.19 0.00	27.83 1.27 0.00	23.64 1.13 0.00	29.18 1.32 0.00	20.56 0.93 0.00	20.40 0.92 0.00	20.43 0.97 0.00	21.60 0.95 0.00	23.50 1.05 0.00	27.22 1.30 0.00	49.71 2.23 0.00	43.99 2.21 0.00	31.73 1.49 0.00	29.41 1.40 0.00	23.68 1.18 0.00	23.25 1.20 0.00	22.35 1.15 0.00	25.89 1.21 0.00
WHITEHAL_115KV_TB1 80871	20.95 1.08 0.00	18.18 0.93 0.00	18.95 0.95 0.00	18.26 1.01 0.00	15.71 0.88 0.00	20.65 1.39 0.00	30.71 2.28 0.00	28.56 2.01 0.00	24.37 1.86 0.00	30.20 2.35 0.00	20.71 1.07 0.00	20.44 0.96 0.00	20.46 1.00 0.00	21.98 1.34 0.00	24.19 1.74 0.00	27.97 2.05 0.00	51.45 3.97 0.00	45.02 3.24 0.00	32.82 2.59 0.00	30.36 2.35 0.00	23.91 1.41 0.00	23.34 1.30 0.00	22.61 1.41 0.00	26.47 1.79 0.00
WHITEPLN_13_KV_LOAD 356215	21.04 1.18 0.00	18.25 1.01 0.00	19.00 1.00 0.00	18.22 0.97 0.00	15.64 0.81 0.00	20.29 1.03 0.00	29.96 1.52 0.00	28.15 1.60 0.00	23.97 1.46 0.00	29.59 1.74 0.00	20.85 1.21 0.00	20.68 1.19 0.00	20.72 1.26 0.00	21.92 1.27 0.00	23.86 1.41 0.00	27.64 1.72 0.00	50.49 3.01 0.00	44.71 2.92 0.00	32.24 2.01 0.00	29.86 1.86 0.00	24.02 1.52 0.00	23.56 1.51 0.00	22.62 1.42 0.00	26.16 1.49 0.00
WM_FLOYD_69_KV_BK2 356380	21.28 1.42 0.00	18.39 1.15 0.00	18.91 0.91 0.00	18.24 0.98 0.00	15.64 0.82 0.00	20.26 1.01 0.00	29.45 1.02 0.00	27.27 0.71 0.00	24.01 1.50 0.00	29.69 1.84 0.00	20.76 1.12 0.00	20.39 0.91 0.00	20.74 1.28 0.00	22.09 1.45 0.00	24.83 1.72 -0.66	31.44 2.16 -3.36	50.48 3.00 0.00	44.30 2.51 0.00	32.00 1.77 0.00	29.95 1.94 0.00	24.30 1.80 0.00	23.72 1.68 0.00	22.81 1.61 0.00	26.33 1.65 0.00
WOODARD___115KV_TB2 355635	19.48 -0.38 0.00	16.92 -0.33 0.00	17.66 -0.34 0.00	16.92 -0.33 0.00	14.54 -0.28 0.00	18.93 -0.32 0.00	27.98 -0.46 0.00	26.11 -0.44 0.00	22.13 -0.37 0.00	27.40 -0.45 0.00	19.35 -0.29 0.00	19.25 -0.23 0.00	19.19 -0.27 0.00	20.37 -0.28 0.00	22.13 -0.32 0.00	25.52 -0.40 0.00	46.75 -0.73 0.00	41.11 -0.67 0.00	29.76 -0.47 0.00	27.54 -0.47 0.00	22.10 -0.40 0.00	21.64 -0.40 0.00	20.78 -0.42 0.00	24.21 -0.47 0.00
YORK___WARBASSE 23770	20.99 1.13 0.00	18.18 0.93 0.00	18.92 0.92 0.00	18.17 0.93 0.00	15.61 0.79 0.00	20.26 1.00 0.00	29.93 1.49 0.00	28.12 1.57 0.00	23.94 1.43 0.00	29.55 1.70 0.00	20.82 1.18 0.00	20.69 1.21 0.00	20.71 1.25 0.00	21.89 1.25 0.00	23.84 1.38 0.00	27.63 1.71 0.00	50.40 2.92 0.00	44.65 2.87 0.00	32.19 1.96 0.00	29.83 1.83 0.00	24.05 1.55 0.00	23.58 1.53 0.00	22.63 1.43 0.00	26.16 1.48 0.00