

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/03/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	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	28.74	29.77	28.49	28.95	25.96	25.91	29.82	26.90	28.87	32.24	32.89	31.66	34.00	36.12	44.85	42.16	39.24	41.93	40.57	33.43	28.47	27.05	30.29	26.17
24138	0.74	0.69	0.57	0.55	0.63	0.79	0.94	1.01	1.20	1.52	1.68	1.80	2.01	2.17	2.51	2.42	2.43	2.77	2.72	2.19	1.74	1.57	1.52	1.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.72	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	28.75	29.79	28.51	28.96	25.98	25.92	29.83	26.90	28.87	32.23	32.87	31.65	33.98	36.09	44.85	42.15	39.24	41.92	40.57	33.43	28.46	27.04	30.28	26.19
24260	0.74	0.70	0.60	0.56	0.65	0.81	0.95	1.01	1.20	1.51	1.66	1.77	1.99	2.15	2.51	2.41	2.43	2.76	2.72	2.18	1.73	1.57	1.51	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	-4.72	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	28.75	29.79	28.51	28.96	25.98	25.92	29.83	26.90	28.87	32.23	32.87	31.65	33.98	36.09	44.85	42.15	39.24	41.92	40.57	33.43	28.46	27.04	30.28	26.19
24261	0.74	0.70	0.60	0.56	0.65	0.81	0.95	1.01	1.20	1.51	1.66	1.77	1.99	2.15	2.51	2.41	2.43	2.76	2.72	2.18	1.73	1.57	1.51	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	-4.72	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	29.25	30.27	29.13	29.67	26.58	26.42	30.43	27.25	29.29	32.63	33.34	32.16	34.54	36.67	45.63	42.73	39.78	43.26	40.83	33.63	28.66	27.46	30.72	26.72
24011	1.25	1.20	1.22	1.27	1.25	1.31	1.54	1.36	1.62	1.91	2.13	2.29	2.56	2.73	3.30	2.99	2.97	2.97	2.98	2.39	1.93	1.99	1.95	1.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.86	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	29.43	30.43	29.30	29.83	26.74	26.60	30.65	27.44	29.53	32.86	33.61	32.45	34.86	37.02	46.03	43.09	40.15	43.54	41.07	33.86	28.85	27.66	30.90	26.86
23798	1.43	1.35	1.38	1.44	1.41	1.48	1.76	1.55	1.86	2.14	2.40	2.58	2.87	3.07	3.70	3.35	3.34	3.24	3.22	2.62	2.12	2.18	2.13	1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.87	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	29.25	30.27	29.13	29.67	26.58	26.42	30.43	27.25	29.29	32.63	33.34	32.16	34.54	36.67	45.63	42.73	39.78	43.26	40.83	33.63	28.66	27.46	30.72	26.72
24028	1.25	1.20	1.22	1.27	1.25	1.31	1.54	1.36	1.62	1.91	2.13	2.29	2.56	2.73	3.30	2.99	2.97	2.97	2.98	2.39	1.93	1.99	1.95	1.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.86	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	29.05	30.09	29.00	29.69	26.58	26.41	30.33	27.18	29.05	32.47	33.05	31.73	34.00	36.09	44.90	42.18	39.19	42.70	40.59	33.43	28.50	27.07	30.29	26.31
23527	1.05	1.02	1.09	1.29	1.25	1.29	1.45	1.29	1.38	1.75	1.84	1.86	2.02	2.14	2.57	2.43	2.38	2.60	2.74	2.18	1.77	1.59	1.52	1.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.67	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	27.94	29.00	27.90	28.43	25.43	25.24	29.01	26.04	27.89	31.11	31.71	30.42	32.65	34.66	43.14	40.54	37.65	41.22	38.89	32.02	27.31	25.96	29.10	25.30
24190	-0.06	-0.07	-0.02	0.03	0.10	0.12	0.13	0.15	0.22	0.38	0.50	0.55	0.66	0.71	0.80	0.79	0.84	1.09	1.04	0.77	0.59	0.48	0.33	0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.70	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	28.57	29.65	28.42	28.92	25.76	25.50	29.32	26.26	28.09	31.19	31.65	30.18	32.28	34.18	42.75	40.11	36.85	34.14	37.77	31.24	26.88	25.72	29.11	25.39
355683	0.56	0.57	0.51	0.53	0.43	0.38	0.43	0.37	0.42	0.46	0.44	0.31	0.30	0.23	0.42	0.36	0.04	-0.29	-0.08	-0.01	0.15	0.25	0.34	0.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	27.94	29.00	27.90	28.43	25.43	25.24	29.01	26.04	27.89	31.11	31.71	30.42	32.65	34.66	43.14	40.54	37.65	41.22	38.89	32.02	27.31	25.96	29.10	25.30
23571	-0.06	-0.07	-0.02	0.03	0.10	0.12	0.13	0.15	0.22	0.38	0.50	0.55	0.66	0.71	0.80	0.79	0.84	1.09	1.04	0.77	0.59	0.48	0.33	0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.70	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___2	27.94	29.00	27.90	28.43	25.43	25.24	29.01	26.04	27.89	31.11	31.71	30.42	32.65	34.66	43.14	40.54	37.65	41.22	38.89	32.02	27.31	25.96	29.10	25.30
23572	-0.06	-0.07	-0.02	0.03	0.10	0.12	0.13	0.15	0.22	0.38	0.50	0.55	0.66	0.71	0.80	0.79	0.84	1.09	1.04	0.77	0.59	0.48	0.33	0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.70	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	27.94	29.00	27.90	28.43	25.43	25.24	29.01	26.04	27.89	31.11	31.71	30.42	32.65	34.66	43.14	40.54	37.65	41.22	38.89	32.02	27.31	25.96	29.10	25.30
23573	-0.06	-0.07	-0.02	0.03	0.10	0.12	0.13	0.15	0.22	0.38	0.50	0.55	0.66	0.71	0.80	0.79	0.84	1.09	1.04	0.77	0.59	0.48	0.33	0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.70	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	27.94 -0.06 0.00	29.00 -0.07 0.00	27.90 -0.02 0.00	28.43 0.03 0.00	25.43 0.10 0.00	25.24 0.12 0.00	29.01 0.13 0.00	26.04 0.15 0.00	27.89 0.22 0.00	31.11 0.38 0.00	31.71 0.50 0.00	30.42 0.55 0.00	32.65 0.66 0.00	34.66 0.71 0.00	43.14 0.80 0.00	40.54 0.79 0.00	37.65 0.84 0.00	41.22 1.09 -5.70	38.89 1.04 0.00	32.02 0.77 0.00	27.31 0.59 0.00	25.96 0.48 0.00	29.10 0.33 0.00	25.30 0.25 0.00
ALBANY___LFGE 323615	28.22 0.22 0.00	29.29 0.22 0.00	28.17 0.26 0.00	28.70 0.31 0.00	25.68 0.35 0.00	25.49 0.37 0.00	29.31 0.43 0.00	26.31 0.42 0.00	28.17 0.51 0.00	31.43 0.71 0.00	32.05 0.83 0.00	30.76 0.88 0.00	33.01 1.02 0.00	35.04 1.09 0.00	43.61 1.27 0.00	40.99 1.25 0.00	38.08 1.27 0.00	41.67 1.50 -5.74	39.32 1.47 0.00	32.38 1.13 0.00	27.60 0.87 0.00	26.23 0.76 0.00	29.40 0.63 0.00	25.56 0.51 0.00
ALCOA_PA_115KV_PL-6C 55860	28.82 0.82 0.00	29.92 0.84 0.00	28.67 0.76 0.00	29.19 0.80 0.00	25.99 0.66 0.00	25.71 0.59 0.00	29.54 0.66 0.00	26.46 0.57 0.00	28.30 0.64 0.00	31.44 0.71 0.00	31.91 0.70 0.00	30.33 0.46 0.00	32.45 0.47 0.00	34.32 0.38 0.00	42.96 0.63 0.00	40.37 0.62 0.00	36.96 0.15 0.00	34.23 -0.20 0.00	37.86 0.02 0.00	31.31 0.06 0.00	27.04 0.31 0.00	25.90 0.43 0.00	29.36 0.59 0.00	25.60 0.55 0.00
ALCOA_RYNLDS___DRP 24188	28.82 0.82 0.00	29.92 0.84 0.00	28.67 0.76 0.00	29.19 0.80 0.00	25.99 0.66 0.00	25.71 0.59 0.00	29.54 0.66 0.00	26.46 0.57 0.00	28.30 0.64 0.00	31.44 0.71 0.00	31.91 0.70 0.00	30.33 0.46 0.00	32.45 0.47 0.00	34.32 0.38 0.00	42.96 0.63 0.00	40.37 0.62 0.00	36.96 0.15 0.00	34.23 -0.20 0.00	37.86 0.02 0.00	31.31 0.06 0.00	27.04 0.31 0.00	25.90 0.43 0.00	29.36 0.59 0.00	25.60 0.55 0.00
ALCOA___DSASP 323711	28.82 0.82 0.00	29.92 0.84 0.00	28.67 0.76 0.00	29.19 0.79 0.00	25.99 0.66 0.00	25.71 0.59 0.00	29.54 0.66 0.00	26.46 0.57 0.00	28.31 0.64 0.00	31.43 0.71 0.00	31.91 0.70 0.00	30.33 0.46 0.00	32.45 0.47 0.00	34.33 0.38 0.00	42.96 0.63 0.00	40.37 0.62 0.00	36.96 0.15 0.00	34.23 -0.20 0.00	37.87 0.02 0.00	31.31 0.06 0.00	27.04 0.31 0.00	25.90 0.43 0.00	29.36 0.59 0.00	25.60 0.55 0.00
ALLEGHENY___COGEN 23514	28.56 0.56 0.00	29.63 0.55 0.00	28.36 0.45 0.00	28.83 0.43 0.00	25.47 0.13 0.00	25.41 0.29 0.00	29.23 0.34 0.00	26.11 0.22 0.00	28.02 0.35 0.00	31.06 0.34 0.00	30.97 -0.24 0.00	28.99 -0.88 0.00	30.98 -1.01 0.00	33.54 -0.40 0.00	42.10 -0.23 0.00	39.81 0.07 0.00	37.71 0.90 0.00	36.52 0.77 -1.32	38.15 0.31 0.00	31.20 -0.05 0.00	26.51 -0.21 0.00	24.98 -0.50 0.00	28.15 -0.62 0.00	24.51 -0.54 0.00
ALTAMONT_115KV_TB 2 55880	28.36 0.36 0.00	29.45 0.37 0.00	28.33 0.41 0.00	28.84 0.45 0.00	25.80 0.47 0.00	25.58 0.46 0.00	29.42 0.53 0.00	26.40 0.51 0.00	28.28 0.61 0.00	31.52 0.79 0.00	32.10 0.89 0.00	30.81 0.94 0.00	33.05 1.07 0.00	35.09 1.14 0.00	43.69 1.35 0.00	41.04 1.30 0.00	38.11 1.31 0.00	41.63 1.51 -5.70	39.34 1.49 0.00	32.39 1.15 0.00	27.65 0.92 0.00	26.29 0.81 0.00	29.50 0.73 0.00	25.63 0.59 0.00
ALTONA_WT_PWR 323606	29.51 1.51 0.00	30.64 1.56 0.00	29.45 1.53 0.00	29.96 1.56 0.00	26.59 1.26 0.00	26.19 1.07 0.00	30.11 1.22 0.00	27.00 1.11 0.00	29.00 1.33 0.00	32.03 1.31 0.00	32.65 1.44 0.00	31.23 1.36 0.00	33.39 1.40 0.00	35.26 1.31 0.00	43.93 1.60 0.00	41.17 1.44 0.00	38.05 1.25 0.00	35.03 0.59 0.00	38.20 0.35 0.00	31.06 -0.19 0.00	26.41 -0.32 0.00	25.36 -0.11 0.00	28.91 0.14 0.00	25.53 0.48 0.00
AMERICAN_REF_FUEL 24010	22.79 -1.32 3.89	25.78 -1.19 2.11	24.74 -1.16 2.02	25.77 -1.09 1.54	22.73 -1.21 1.39	22.87 -1.11 1.13	27.08 -1.31 0.49	23.99 -1.82 0.08	25.42 -1.93 0.32	27.56 -2.20 0.97	27.53 -2.64 1.04	26.98 -2.62 0.27	28.82 -2.80 0.37	30.88 -2.82 0.24	38.76 -3.48 0.10	35.90 -2.82 1.03	32.09 -2.14 2.58	33.27 -2.38 -1.22	34.73 -3.12 0.00	27.75 -2.61 0.89	22.11 -2.18 2.43	23.09 -2.20 0.19	26.35 -2.42 0.00	23.23 -1.82 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.47 -0.08 5.45	26.06 -0.06 2.96	24.94 -0.15 2.83	25.98 -0.25 2.16	22.90 -0.48 1.95	23.21 -0.32 1.59	27.54 -0.66 0.69	24.87 -0.91 0.11	26.54 -0.70 0.44	28.87 -0.51 1.34	29.01 -0.77 1.43	28.59 -0.91 0.37	30.59 -0.89 0.50	32.90 -0.71 0.33	41.29 -0.90 0.14	37.35 -0.96 1.44	32.58 -0.61 3.61	34.68 -1.05 -1.30	35.87 -1.98 0.00	27.95 -2.05 1.25	21.61 -1.70 3.41	23.40 -1.82 0.26	26.71 -2.06 0.00	23.27 -1.78 0.00
ARTHUR_KILL_GT_1 23520	28.62 0.62 0.00	29.65 0.57 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.87 0.54 0.00	25.81 0.69 0.00	29.73 0.85 0.00	26.81 0.92 0.00	28.71 1.05 0.00	32.05 1.33 0.00	32.71 1.50 0.00	31.48 1.61 0.00	33.79 1.81 0.00	35.89 1.95 0.00	44.56 2.23 0.00	41.86 2.12 0.00	38.95 2.15 0.00	41.70 2.54 -4.72	40.37 2.52 0.00	33.25 2.00 0.00	28.31 1.58 0.00	26.91 1.43 0.00	30.15 1.38 0.00	26.09 1.04 0.00
ARTHUR_KILL_2 23512	28.54 0.54 0.00	29.57 0.49 0.00	28.30 0.39 0.00	28.75 0.36 0.00	25.79 0.46 0.00	25.74 0.62 0.00	29.65 0.76 0.00	26.74 0.85 0.00	28.63 0.97 0.00	31.96 1.24 0.00	32.62 1.41 0.00	31.39 1.52 0.00	33.69 1.71 0.00	35.78 1.84 0.00	44.44 2.10 0.00	41.73 1.99 0.00	38.84 2.03 0.00	41.58 2.42 -4.72	40.25 2.40 0.00	33.15 1.90 0.00	28.23 1.50 0.00	26.83 1.35 0.00	30.07 1.30 0.00	26.01 0.97 0.00
ARTHUR_KILL_3 23513	28.39 0.39 0.00	29.42 0.34 0.00	28.15 0.24 0.00	28.60 0.20 0.00	25.65 0.32 0.00	25.60 0.49 0.00	29.47 0.58 0.00	26.58 0.69 0.00	28.50 0.83 0.00	31.81 1.09 0.00	32.46 1.25 0.00	31.26 1.38 0.00	33.55 1.56 0.00	35.64 1.70 0.00	44.27 1.94 0.00	41.60 1.86 0.00	38.71 1.90 0.00	41.46 2.30 -4.72	40.06 2.21 0.00	33.00 1.76 0.00	28.11 1.38 0.00	26.70 1.23 0.00	29.93 1.16 0.00	25.88 0.83 0.00
ARTHUR_KILL_COGEN 323718	28.62 0.62 0.00	29.65 0.57 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.87 0.54 0.00	25.81 0.69 0.00	29.73 0.85 0.00	26.81 0.92 0.00	28.71 1.05 0.00	32.05 1.33 0.00	32.71 1.50 0.00	31.48 1.61 0.00	33.79 1.81 0.00	35.89 1.95 0.00	44.56 2.23 0.00	41.86 2.12 0.00	38.95 2.15 0.00	41.70 2.54 -4.72	40.37 2.52 0.00	33.25 2.00 0.00	28.31 1.58 0.00	26.91 1.43 0.00	30.15 1.38 0.00	26.09 1.04 0.00
ASHOKAN____ 23654	28.93 0.93 0.00	30.01 0.93 0.00	28.88 0.97 0.00	29.39 0.99 0.00	26.29 0.96 0.00	26.07 0.95 0.00	30.01 1.12 0.00	26.99 1.10 0.00	29.00 1.33 0.00	32.40 1.68 0.00	33.13 1.92 0.00	31.76 1.89 0.00	34.09 2.11 0.00	36.12 2.18 0.00	44.96 2.63 0.00	42.34 2.60 0.00	39.47 2.66 0.00	42.46 2.80 -5.23	40.73 2.88 0.00	33.48 2.23 0.00	28.51 1.78 0.00	26.99 1.51 0.00	30.19 1.42 0.00	26.18 1.13 0.00

ASTORIA_EAST_ENERGY_CC1 323581	28.47 0.47 0.00	29.52 0.45 0.00	28.29 0.38 0.00	28.71 0.32 0.01	25.79 0.46 0.00	25.71 0.60 0.01	29.59 0.70 0.01	26.73 0.84 0.00	28.63 0.97 0.00	31.96 1.24 0.00	32.64 1.43 0.00	31.38 1.50 0.00	33.67 1.69 0.00	35.71 1.76 0.00	44.39 2.06 0.00	41.69 1.95 0.00	38.81 2.01 0.00	41.54 2.39 -4.72	40.23 2.38 0.00	33.11 1.86 0.00	28.21 1.48 0.00	26.81 1.33 0.00	29.99 1.22 0.00	25.95 0.91 0.00
ASTORIA_EAST_ENERGY_CC2 323582	28.47 0.47 0.00	29.52 0.45 0.00	28.29 0.38 0.00	28.71 0.32 0.01	25.79 0.46 0.00	25.71 0.60 0.01	29.59 0.70 0.01	26.73 0.84 0.00	28.63 0.97 0.00	31.96 1.24 0.00	32.64 1.43 0.00	31.38 1.50 0.00	33.67 1.69 0.00	35.71 1.76 0.00	44.39 2.06 0.00	41.69 1.95 0.00	38.81 2.01 0.00	41.54 2.39 -4.72	40.23 2.38 0.00	33.11 1.86 0.00	28.21 1.48 0.00	26.81 1.33 0.00	29.99 1.22 0.00	25.95 0.91 0.00
ASTORIA_GT2_1 24094	28.48 0.48 0.00	29.56 0.48 0.00	28.31 0.39 0.00	28.73 0.33 0.00	25.80 0.46 0.00	25.74 0.62 0.00	29.60 0.71 0.00	26.75 0.86 0.00	28.64 0.97 0.00	31.98 1.26 0.00	32.65 1.44 0.00	31.37 1.50 0.00	33.69 1.71 0.00	35.73 1.78 0.00	44.42 2.08 0.00	41.71 1.97 0.00	38.85 2.04 0.00	41.57 2.41 -4.72	40.26 2.41 0.00	33.12 1.88 0.00	28.22 1.49 0.00	26.83 1.35 0.00	30.00 1.23 0.00	25.97 0.92 0.00
ASTORIA_GT2_2 24095	28.48 0.48 0.00	29.56 0.48 0.00	28.31 0.39 0.00	28.73 0.33 0.00	25.80 0.46 0.00	25.74 0.62 0.00	29.60 0.71 0.00	26.75 0.86 0.00	28.64 0.97 0.00	31.98 1.26 0.00	32.65 1.44 0.00	31.37 1.50 0.00	33.69 1.71 0.00	35.73 1.78 0.00	44.42 2.08 0.00	41.71 1.97 0.00	38.85 2.04 0.00	41.57 2.41 -4.72	40.26 2.41 0.00	33.12 1.88 0.00	28.22 1.49 0.00	26.83 1.35 0.00	30.00 1.23 0.00	25.97 0.92 0.00
ASTORIA_GT2_3 24096	28.48 0.48 0.00	29.56 0.48 0.00	28.31 0.39 0.00	28.73 0.33 0.00	25.80 0.46 0.00	25.74 0.62 0.00	29.60 0.71 0.00	26.75 0.86 0.00	28.64 0.97 0.00	31.98 1.26 0.00	32.65 1.44 0.00	31.37 1.50 0.00	33.69 1.71 0.00	35.73 1.78 0.00	44.42 2.08 0.00	41.71 1.97 0.00	38.85 2.04 0.00	41.57 2.41 -4.72	40.26 2.41 0.00	33.12 1.88 0.00	28.22 1.49 0.00	26.83 1.35 0.00	30.00 1.23 0.00	25.97 0.92 0.00
ASTORIA_GT2_4 24097	28.48 0.48 0.00	29.56 0.48 0.00	28.31 0.39 0.00	28.73 0.33 0.00	25.80 0.46 0.00	25.74 0.62 0.00	29.60 0.71 0.00	26.75 0.86 0.00	28.64 0.97 0.00	31.98 1.26 0.00	32.65 1.44 0.00	31.37 1.50 0.00	33.69 1.71 0.00	35.73 1.78 0.00	44.42 2.08 0.00	41.71 1.97 0.00	38.85 2.04 0.00	41.57 2.41 -4.72	40.26 2.41 0.00	33.12 1.88 0.00	28.22 1.49 0.00	26.83 1.35 0.00	30.00 1.23 0.00	25.97 0.92 0.00
ASTORIA_GT3_1 24098	28.48 0.48 0.00	29.56 0.48 0.00	28.31 0.39 0.00	28.73 0.33 0.00	25.80 0.46 0.00	25.74 0.62 0.00	29.60 0.71 0.00	26.75 0.86 0.00	28.64 0.97 0.00	31.98 1.26 0.00	32.65 1.44 0.00	31.37 1.50 0.00	33.69 1.71 0.00	35.73 1.78 0.00	44.42 2.08 0.00	41.71 1.97 0.00	38.85 2.04 0.00	41.57 2.41 -4.72	40.26 2.41 0.00	33.12 1.88 0.00	28.22 1.49 0.00	26.83 1.35 0.00	30.00 1.23 0.00	25.97 0.92 0.00
ASTORIA_GT3_2 24099	28.48 0.48 0.00	29.56 0.48 0.00	28.31 0.39 0.00	28.73 0.33 0.00	25.80 0.46 0.00	25.74 0.62 0.00	29.60 0.71 0.00	26.75 0.86 0.00	28.64 0.97 0.00	31.98 1.26														

ASTORIA_GT_10 24110	28.53 0.53 0.00	29.59 0.51 0.00	28.32 0.40 0.00	28.76 0.37 0.00	25.81 0.48 0.00	25.74 0.63 0.00	29.63 0.75 0.00	26.74 0.85 0.00	28.67 1.00 0.00	32.01 1.29 0.00	32.67 1.46 0.00	31.42 1.55 0.00	33.73 1.75 0.00	35.82 1.87 0.00	44.51 2.17 0.00	41.82 2.08 0.00	38.94 2.13 0.00	41.63 2.48 -4.72	40.29 2.44 0.00	33.19 1.94 0.00	28.26 1.53 0.00	26.86 1.38 0.00	30.07 1.30 0.00	26.00 0.95 0.00
ASTORIA_GT_11 24225	28.53 0.53 0.00	29.59 0.51 0.00	28.32 0.40 0.00	28.76 0.37 0.00	25.81 0.48 0.00	25.74 0.63 0.00	29.63 0.75 0.00	26.74 0.85 0.00	28.67 1.00 0.00	32.01 1.29 0.00	32.67 1.46 0.00	31.42 1.55 0.00	33.73 1.75 0.00	35.82 1.87 0.00	44.51 2.17 0.00	41.82 2.08 0.00	38.94 2.13 0.00	41.63 2.48 -4.72	40.29 2.44 0.00	33.19 1.94 0.00	28.26 1.53 0.00	26.86 1.38 0.00	30.07 1.30 0.00	26.00 0.95 0.00
ASTORIA_GT_12 24226	28.53 0.53 0.00	29.59 0.51 0.00	28.32 0.40 0.00	28.76 0.37 0.00	25.81 0.48 0.00	25.74 0.63 0.00	29.63 0.75 0.00	26.74 0.85 0.00	28.67 1.00 0.00	32.01 1.29 0.00	32.67 1.46 0.00	31.42 1.55 0.00	33.73 1.75 0.00	35.82 1.87 0.00	44.51 2.17 0.00	41.82 2.08 0.00	38.94 2.13 0.00	41.63 2.48 -4.72	40.29 2.44 0.00	33.19 1.94 0.00	28.26 1.53 0.00	26.86 1.38 0.00	30.07 1.30 0.00	26.00 0.95 0.00
ASTORIA_GT_13 24227	28.53 0.53 0.00	29.59 0.51 0.00	28.32 0.40 0.00	28.76 0.37 0.00	25.81 0.48 0.00	25.74 0.63 0.00	29.63 0.75 0.00	26.74 0.85 0.00	28.67 1.00 0.00	32.01 1.29 0.00	32.67 1.46 0.00	31.42 1.55 0.00	33.73 1.75 0.00	35.82 1.87 0.00	44.51 2.17 0.00	41.82 2.08 0.00	38.94 2.13 0.00	41.63 2.48 -4.72	40.29 2.44 0.00	33.19 1.94 0.00	28.26 1.53 0.00	26.86 1.38 0.00	30.07 1.30 0.00	26.00 0.95 0.00
ASTORIA_GT_5 24106	28.53 0.54 0.00	29.59 0.52 0.00	28.35 0.44 0.00	28.77 0.38 0.01	25.84 0.51 0.00	25.76 0.65 0.01	29.64 0.76 0.01	26.80 0.91 0.00	28.69 1.02 0.00	32.04 1.32 0.00	32.72 1.51 0.00	31.44 1.58 0.00	33.76 1.77 0.00	35.80 1.85 0.00	44.50 2.16 0.00	41.80 2.06 0.00	38.92 2.11 0.00	41.64 2.49 -4.72	40.34 2.49 0.00	33.19 1.94 0.00	28.28 1.55 0.00	26.88 1.40 0.00	30.06 1.29 0.00	26.01 0.97 0.00
ASTORIA_GT_7 24107	28.53 0.54 0.00	29.59 0.52 0.00	28.35 0.44 0.00	28.77 0.38 0.01	25.84 0.51 0.00	25.76 0.65 0.01	29.64 0.76 0.01	26.80 0.91 0.00	28.69 1.02 0.00	32.04 1.32 0.00	32.72 1.51 0.00	31.44 1.58 0.00	33.76 1.77 0.00	35.80 1.85 0.00	44.50 2.16 0.00	41.80 2.06 0.00	38.92 2.11 0.00	41.64 2.49 -4.72	40.34 2.49 0.00	33.19 1.94 0.00	28.28 1.55 0.00	26.88 1.40 0.00	30.06 1.29 0.00	26.01 0.97 0.00
ASTORIA_GT_8 24108	28.54 0.53 0.00	29.61 0.53 0.00	28.36 0.44 0.00	28.78 0.38 0.00	25.85 0.52 0.00	25.78 0.66 0.00	29.65 0.76 0.00	26.80 0.91 0.00	28.70 1.03 0.00	32.04 1.32 0.00	32.71 1.50 0.00	31.44 1.57 0.00	33.75 1.77 0.00	35.80 1.85 0.00	44.50 2.17 0.00	41.80 2.06 0.00	38.92 2.11 0.00	41.64 2.49 -4.72	40.34 2.49 0.00	33.19 1.94 0.00	28.27 1.55 0.00	26.88 1.40 0.00	30.06 1.29 0.00	26.02 0.97 0.00
ASTORIA___2 24149	28.48 0.48 0.00	29.54 0.46 0.00	28.31 0.40 0.00	28.72 0.34 0.01	25.79 0.47 0.00	25.72 0.61 0.01	29.59 0.71 0.01	26.75 0.86 0.00	28.64 0.97 0.00	31.98 1.26 0.00	32.66 1.46 0.00	31.39 1.52 0.00	33.69 1.70 0.00	35.72 1.78 0.00	44.41 2.07 0.00	41.72 1.98 0.00	38.84 2.04 0.00	41.56 2.41 -4.72	40.26 2.41 0.00	33.13 1.88 0.00	28.22 1.49 0.00	26.82 1.35 0.00	30.00 1.23 0.00	25.97 0.92 0.00
ASTORIA___3 23516	28.53 0.53 0.00	29.58 0.50 0.00	28.32 0.41 0.00	28.76 0.37 0.00	25.81 0.48 0.00	25.74 0.62 0.00	29.63 0.75 0.00	26.74 0.85 0.00	28.67 1.00 0.00	32.01 1.29 0.00	32.68 1.47 0.00	31.43 1.56 0.00	33.74 1.75 0.00	35.82 1.87 0.00	44.50 2.16 0.00	41.82 2.08 0.00	38.94 2.13 0.00	41.63 2.48 -4.72	40.29 2.44 0.00	33.19 1.95 0.00	28.26 1.54 0.00	26.85 1.38 0.00	30.07 1.30 0.00	26.00 0.95 0.00
ASTORIA___4 23517	28.53 0.53 0.00	29.59 0.51 0.00	28.32 0.40 0.00	28.76 0.37 0.00	25.81 0.48 0.00	25.74 0.63 0.00	29.63 0.75 0.00	26.74 0.85 0.00	28.67 1.00 0.00	32.01 1.29 0.00	32.67 1.46 0.00	31.42 1.55 0.00	33.73 1.75 0.00	35.82 1.87 0.00	44.51 2.17 0.00	41.82 2.08 0.00	38.94 2.13 0.00	41.63 2.48 -4.72	40.29 2.44 0.00	33.19 1.94 0.00	28.26 1.53 0.00	26.86 1.38 0.00	30.07 1.30 0.00	26.00 0.95 0.00
ASTORIA___5 23518	28.53 0.53 0.00	29.58 0.50 0.00	28.32 0.40 0.00	28.76 0.37 0.00	25.81 0.48 0.00	25.74 0.62 0.00	29.63 0.75 0.00	26.74 0.85 0.00	28.67 1.00 0.00	32.01 1.29 0.00	32.68 1.47 0.00	31.43 1.56 0.00	33.74 1.75 0.00	35.82 1.87 0.00	44.50 2.16 0.00	41.82 2.08 0.00	38.94 2.13 0.00	41.63 2.47 -4.72	40.29 2.44 0.00	33.19 1.95 0.00	28.26 1.54 0.00	26.85 1.38 0.00	30.07 1.30 0.00	26.00 0.95 0.00
AST_ENERGY_2_CC3 323677	28.49 0.49 0.00	29.51 0.43 0.00	28.25 0.34 0.00	28.70 0.30 0.00	25.74 0.41 0.00	25.68 0.57 0.00	29.56 0.67 0.00	26.66 0.76 0.00	28.59 0.92 0.00	31.92 1.20 0.00	32.57 1.36 0.00	31.36 1.49 0.00	33.66 1.68 0.00	35.75 1.80 0.00	44.40 2.06 0.00	41.72 1.98 0.00	38.83 2.03 0.00	41.55 2.40 -4.72	40.18 2.33 0.00	33.12 1.87 0.00	28.20 1.47 0.00	26.81 1.33 0.00	30.02 1.24 0.00	25.95 0.90 0.00
AST_ENERGY_2_CC4 323678	28.49 0.49 0.00	29.51 0.43 0.00	28.25 0.34 0.00	28.70 0.30 0.00	25.74 0.41 0.00	25.68 0.57 0.00	29.56 0.67 0.00	26.66 0.76 0.00	28.59 0.92 0.00	31.92 1.20 0.00	32.57 1.36 0.00	31.36 1.49 0.00	33.66 1.68 0.00	35.75 1.80 0.00	44.40 2.06 0.00	41.72 1.98 0.00	38.83 2.03 0.00	41.55 2.40 -4.72	40.18 2.33 0.00	33.12 1.87 0.00	28.20 1.47 0.00	26.81 1.33 0.00	30.02 1.24 0.00	25.95 0.90 0.00
ATHENS_STG_1 23668	28.40 0.40 0.00	29.50 0.43 0.00	28.37 0.45 0.00	28.86 0.46 0.00	25.82 0.50 0.00	25.61 0.49 0.00	29.46 0.57 0.00	26.47 0.57 0.00	28.34 0.67 0.00	31.60 0.87 0.00	32.20 0.99 0.00	30.92 1.05 0.00	33.17 1.19 0.00	35.23 1.28 0.00	43.84 1.51 0.00	41.19 1.45 0.00	38.26 1.45 0.00	41.34 1.69 -5.22	39.51 1.66 0.00	32.53 1.29 0.00	27.76 1.03 0.00	26.38 0.91 0.00	29.62 0.85 0.00	25.70 0.65 0.00
ATHENS_STG_2 23670	28.40 0.40 0.00	29.50 0.43 0.00	28.37 0.45 0.00	28.86 0.46 0.00	25.82 0.50 0.00	25.61 0.49 0.00	29.46 0.57 0.00	26.47 0.57 0.00	28.34 0.67 0.00	31.60 0.87 0.00	32.20 0.99 0.00	30.92 1.05 0.00	33.17 1.19 0.00	35.23 1.28 0.00	43.84 1.51 0.00	41.19 1.45 0.00	38.26 1.45 0.00	41.34 1.69 -5.22	39.51 1.66 0.00	32.53 1.29 0.00	27.76 1.03 0.00	26.38 0.91 0.00	29.62 0.85 0.00	25.70 0.65 0.00

ATHENS_STG_3 23677	28.40 0.40 0.00	29.50 0.43 0.00	28.37 0.45 0.00	28.86 0.46 0.00	25.82 0.50 0.00	25.61 0.49 0.00	29.46 0.57 0.00	26.47 0.57 0.00	28.34 0.67 0.00	31.60 0.87 0.00	32.20 0.99 0.00	30.92 1.05 0.00	33.17 1.19 0.00	35.23 1.28 0.00	43.84 1.51 0.00	41.19 1.45 0.00	38.26 1.45 0.00	41.34 1.69 -5.22	39.51 1.66 0.00	32.53 1.29 0.00	27.76 1.03 0.00	26.38 0.91 0.00	29.62 0.85 0.00	25.70 0.65 0.00
AUBURN____LFGE 323710	27.95 -0.05 0.00	29.05 -0.03 0.00	27.92 0.01 0.00	28.25 -0.14 0.00	25.22 -0.11 0.00	25.07 -0.05 0.00	28.85 -0.04 0.00	25.83 -0.07 0.00	27.59 -0.08 0.00	30.63 -0.09 0.00	30.95 -0.26 0.00	29.70 -0.17 0.00	31.85 -0.13 0.00	33.67 -0.28 0.00	41.93 -0.40 0.00	39.51 -0.22 0.00	37.05 0.24 0.00	35.79 0.26 -1.09	37.91 0.07 0.00	31.12 -0.13 0.00	26.57 -0.16 0.00	25.29 -0.19 0.00	28.55 -0.22 0.00	24.77 -0.28 0.00
BABYLON_RES_REC 323704	29.25 1.25 0.00	30.24 1.16 0.00	28.82 0.90 0.00	29.24 0.84 0.00	26.30 0.97 0.00	26.34 1.22 0.00	30.13 1.25 0.00	27.30 1.41 0.00	29.41 1.75 0.00	36.86 2.31 -3.83	47.02 2.53 -13.28	41.77 2.58 -9.32	46.16 2.81 -11.37	75.26 3.06 -38.26	57.09 3.60 -11.16	43.20 3.46 0.00	51.30 3.29 -11.21	76.57 3.55 -38.58	52.66 3.69 -11.13	92.66 3.04 -58.38	45.61 2.43 -16.45	29.61 2.20 -1.94	30.94 2.17 0.00	26.67 1.62 0.00
BABYLON__69_KV_BK2 356345	29.57 1.57 0.00	30.55 1.47 0.00	29.10 1.18 0.00	29.52 1.12 0.00	26.56 1.23 0.00	26.61 1.50 0.00	30.44 1.55 0.00	27.58 1.70 0.00	29.75 2.08 0.00	37.32 2.70 -3.89	47.59 2.89 -13.49	42.27 2.94 -9.46	46.74 3.20 -11.55	76.00 3.48 -38.58	57.74 4.14 -11.27	43.71 3.96 0.00	51.57 3.76 -11.00	76.37 3.96 -37.97	53.24 4.18 -11.21	93.69 3.45 -58.99	46.20 2.79 -16.68	29.96 2.54 -1.94	31.29 2.52 0.00	26.95 1.90 0.00
BALL_HILL_WT_PWR 323825	22.57 -0.45 4.99	25.96 -0.41 2.71	24.89 -0.43 2.59	25.94 -0.48 1.98	22.91 -0.64 1.79	23.19 -0.47 1.45	27.62 -0.64 0.63	24.91 -0.88 0.10	26.42 -0.85 0.40	28.63 -0.86 1.22	28.71 -1.19 1.31	28.26 -1.27 0.34	30.19 -1.33 0.46	32.38 -1.26 0.30	40.63 -1.57 0.13	37.13 -1.30 1.32	32.73 -0.77 3.31	34.72 -1.01 -1.29	35.98 -1.87 0.00	28.41 -1.69 1.14	22.12 -1.48 3.12	23.68 -1.55 0.24	27.11 -1.66 0.00	23.67 -1.38 0.00
BARON_WINDS____WT_PWR 323822	29.47 -0.33 -1.79	29.69 -0.36 -0.97	28.41 -0.43 -0.93	28.59 -0.52 -0.71	25.20 -0.77 -0.64	25.08 -0.56 -0.52	28.34 -0.78 -0.23	25.18 -0.74 -0.04	26.97 -0.86 -0.15	30.10 -1.09 -0.46	30.29 -1.42 -0.50	28.55 -1.45 -0.13	30.77 -1.38 -0.17	32.90 -1.16 -0.12	41.17 -1.21 -0.05	39.38 -0.83 -0.47	37.43 -0.57 -1.19	35.28 -0.71 -1.55	36.36 -1.49 0.00	30.14 -1.52 -0.41	26.28 -1.57 -1.12	23.78 -1.78 -0.09	26.74 -2.03 0.00	23.28 -1.77 0.00
BARRETT_IC_1 23704	29.02 1.02 0.00	30.00 0.92 0.00	28.63 0.72 0.00	29.06 0.67 0.00	26.12 0.79 0.00	26.13 1.02 0.00	29.95 1.06 0.00	27.11 1.22 0.00	29.14 1.48 0.00	36.75 1.94 -4.08	47.50 2.09 -14.19	41.98 2.15 -9.96	46.51 2.37 -12.15	75.66 2.54 -39.18	57.07 3.11 -11.62	42.71 2.96 0.00	49.50 2.80 -9.89	71.55 3.01 -34.10	52.34 3.15 -11.35	94.56 2.58 -60.74	46.24 2.12 -17.39	29.26 1.90 -1.89	30.64 1.87 0.00	35.03 1.38 -8.60
BARRETT_IC_10 23701	29.02 1.02 0.00	30.00 0.92 0.00	28.63 0.72 0.00	29.06 0.67 0.00	26.12 0.79 0.00	26.13 1.02 0.00	29.95 1.06 0.00	27.11 1.22 0.00	29.14 1.48 0.00	36.75 1.94 -4.08	47.50 2.09 -14.19	41.98 2.15 -9.96	46.51 2.37 -12.15	75.66 2.54 -39.18	57.07 3.11 -11.62	42.71 2.96 0.00	49.50 2.80 -9.89	71.55 3.01 -34.10	52.34 3.15 -11.35	94.56 2.58 -60.74	46.24 2.12 -17.39	29.26 1.90 -1.89	30.64 1.87 0.00	35.03 1.38 -8.60
BARRETT_IC_11 23702	29.02 1.02 0.00	30.00 0.92 0.00	28.63 0.72 0.00	29.06 0.67 0.00	26.12 0.79 0.00	26.13 1.02 0.00	29.95 1.06 0.00	27.11 1.22 0.00	29.14 1.48 0.00	36.75 1.94 -4.08	47.50 2.09 -14.19	41.98 2.15 -9.96	46.51 2.37 -12.15	75.66 2.54 -39.18	57.07 3.11 -11.62	42.71 2.96 0.00	49.50 2.80 -9.89	71.55 3.01 -34.10	52.34 3.15 -11.35	94.56 2.58 -60.74	46.24 2.12 -17.39	29.26 1.90 -1.89	30.64 1.87 0.00	35.03 1.38 -8.60
BARRETT_IC_12 23703	29.02 1.02 0.00	30.00 0.92 0.00	28.63 0.72 0.00	29.06 0.67 0.00	26.12 0.79 0.00	26.13 1.02 0.00	29.95 1.06 0.00	27.11 1.22 0.00	29.14 1.48 0.00	36.75 1.94 -4.08	47.50 2.09 -14.19	41.98 2.15 -9.96	46.51 2.37 -12.15	75.66 2.54 -39.18	57.07 3.11 -11.62	42.71 2.96 0.00	49.50 2.80 -9.89	71.55 3.01 -34.10	52.34 3.15 -11.35	94.56 2.58 -60.74	46.24 2.12 -17.39	29.26 1.90 -1.89	30.64 1.87 0.00	35.03 1.38 -8.60
BARRETT_IC_2 23705	29.02 1.02 0.00	30.00 0.92 0.00	28.63 0.72 0.00	29.06 0.67 0.00	26.12 0.79 0.00	26.13 1.02 0.00	29.95 1.06 0.00	27.11 1.22 0.00	29.14 1.48 0.00	36.75 1.94 -4.08	47.50 2.09 -14.19	41.98 2.15 -9.96	46.51 2.37 -12.15	75.66 2.54 -39.18	57.07 3.11 -11.62	42.71 2.96 0.00	49.50 2.80 -9.89	71.55 3.01 -34.10	52.34 3.15 -11.35	94.56 2.58 -60.74	46.24 2.12 -17.39	29.26 1.90 -1.89	30.64 1.87 0.00	35.03 1.38 -8.60
BARRETT_IC_3 23706	29.02 1.02 0.00	30.00 0.92 0.00	28.63 0.72 0.00	29.06 0.67 0.00	26.12 0.79 0.00	26.13 1.02 0.00	29.95 1.06 0.00	27.11 1.22 0.00	29.14 1.48 0.00	36.75 1.94 -4.08	47.50 2.09 -14.19	41.98 2.15 -9.96	46.51 2.37 -12.15	75.66 2.54 -39.18	57.07 3.11 -11.62	42.71 2.96 0.00	49.50 2.80 -9.89	71.55 3.01 -34.10	52.34 3.15 -11.35	94.56 2.58 -60.74	46.24 2.12 -17.39	29.26 1.90 -1.89	30.64 1.87 0.00	35.03 1.38 -8.60
BARRETT_IC_4 23707	29.02 1.02 0.00	30.00 0.92 0.00	28.63 0.72 0.00	29.06 0.67 0.00	26.12 0.79 0.00	26.13 1.02 0.00	29.95 1.06 0.00	27.11 1.22 0.00	29.14 1.48 0.00	36.75 1.94 -4.08	47.50 2.09 -14.19	41.98 2.15 -9.96	46.51 2.37 -12.15	75.66 2.54 -39.18	57.07 3.11 -11.62	42.71 2.96 0.00	49.50 2.80 -9.89	71.55 3.01 -34.10	52.34 3.15 -11.35	94.56 2.58 -60.74	46.24 2.12 -17.39	29.26 1.90 -1.89	30.64 1.87 0.00	35.03 1.38 -8.60
BARRETT_IC_5 23708	29.02 1.02 0.00	30.00 0.92 0.00	28.63 0.72 0.00	29.06 0.67 0.00	26.12 0.79 0.00	26.13 1.02 0.00	29.95 1.06 0.00	27.11 1.22 0.00	29.14 1.48 0.00	36.75 1.94 -4.08	47.50 2.09 -14.19	41.98 2.15 -9.96	46.51 2.37 -12.15	75.66 2.54 -39.18	57.07 3.11 -11.62	42.71 2.96 0.00	49.50 2.80 -9.89	71.55 3.01 -34.10	52.34 3.15 -11.35	94.56 2.58 -60.74	46.24 2.12 -17.39	29.26 1.90 -1.89	30.64 1.87 0.00	35.03 1.38 -8.60
BARRETT_IC_6 23709	29.02 1.02 0.00	30.00 0.92 0.00	28.63 0.72 0.00	29.06 0.67 0.00	26.12 0.79 0.00	26.13 1.02 0.00	29.95 1.06 0.00	27.11 1.22 0.00	29.14 1.48 0.00	36.75 1.94 -4.08	47.50 2.09 -14.19	41.98 2.15 -9.96	46.51 2.37 -12.15	75.66 2.54 -39.18	57.07 3.11 -11.62	42.71 2.96 0.00	49.50 2.80 -9.89	71.55 3.01 -34.10	52.34 3.15 -11.35	94.56 2.58 -60.74	46.24 2.12 -17.39	29.26 1.90 -1.89	30.64 1.87 0.00	35.03 1.38 -8.60

BARRETT_IC_7 23710	29.02 1.02 0.00	30.00 0.93 0.00	28.63 0.72 0.00	29.06 0.67 0.00	26.12 0.79 0.00	26.14 1.02 0.00	29.95 1.06 0.00	27.11 1.22 0.00	29.14 1.48 0.00	36.76 1.95 -4.08	47.53 2.13 -14.19	42.03 2.20 -9.96	46.57 2.44 -12.15	75.73 2.60 -39.18	57.07 3.11 -11.62	42.74 2.99 0.00	49.50 2.80 -9.89	71.60 3.06 -34.10	52.35 3.15 -11.35	94.60 2.61 -60.74	46.23 2.11 -17.39	29.28 1.92 -1.89	30.64 1.87 0.00	35.03 1.38 -8.60
BARRETT_IC_8 23711	29.02 1.02 0.00	30.00 0.92 0.00	28.63 0.72 0.00	29.06 0.67 0.00	26.12 0.79 0.00	26.13 1.02 0.00	29.95 1.06 0.00	27.11 1.22 0.00	29.14 1.48 0.00	36.75 1.94 -4.08	47.50 2.09 -14.19	41.98 2.15 -9.96	46.51 2.37 -12.15	75.66 2.54 -39.18	57.07 3.11 -11.62	42.71 2.96 0.00	49.50 2.80 -9.89	71.55 3.01 -34.10	52.34 3.15 -11.35	94.56 2.58 -60.74	46.24 2.12 -17.39	29.26 1.90 -1.89	30.64 1.87 0.00	35.03 1.38 -8.60
BARRETT_IC_9 23700	29.02 1.02 0.00	30.00 0.92 0.00	28.63 0.72 0.00	29.06 0.67 0.00	26.12 0.79 0.00	26.13 1.02 0.00	29.95 1.06 0.00	27.11 1.22 0.00	29.14 1.48 0.00	36.75 1.94 -4.08	47.50 2.09 -14.19	41.98 2.15 -9.96	46.51 2.37 -12.15	75.66 2.54 -39.18	57.07 3.11 -11.62	42.71 2.96 0.00	49.50 2.80 -9.89	71.55 3.01 -34.10	52.34 3.15 -11.35	94.56 2.58 -60.74	46.24 2.12 -17.39	29.26 1.90 -1.89	30.64 1.87 0.00	35.03 1.38 -8.60
BARRETT___1 23545	29.02 1.02 0.00	30.00 0.92 0.00	28.63 0.72 0.00	29.06 0.67 0.00	26.12 0.79 0.00	26.13 1.02 0.00	29.95 1.06 0.00	27.11 1.22 0.00	29.14 1.48 0.00	36.75 1.94 -4.08	47.50 2.09 -14.19	41.98 2.15 -9.96	46.51 2.37 -12.15	75.66 2.54 -39.18	57.07 3.11 -11.62	42.71 2.96 0.00	49.50 2.80 -9.89	71.55 3.01 -34.10	52.34 3.15 -11.35	94.56 2.58 -60.74	46.24 2.12 -17.39	29.26 1.90 -1.89	30.64 1.87 0.00	35.03 1.38 -8.60
BARRETT___2 23546	29.02 1.02 0.00	30.00 0.92 0.00	28.63 0.72 0.00	29.06 0.67 0.00	26.12 0.79 0.00	26.13 1.02 0.00	29.95 1.06 0.00	27.11 1.22 0.00	29.14 1.48 0.00	36.75 1.94 -4.08	47.50 2.09 -14.19	41.98 2.15 -9.96	46.51 2.37 -12.15	75.66 2.54 -39.18	57.07 3.11 -11.62	42.71 2.96 0.00	49.50 2.80 -9.89	71.55 3.01 -34.10	52.34 3.15 -11.35	94.56 2.58 -60.74	46.24 2.12 -17.39	29.26 1.90 -1.89	30.64 1.87 0.00	35.03 1.38 -8.60
BATAVIA___115KV_TB1 55881	27.69 -0.31 0.00	28.87 -0.21 0.00	27.69 -0.22 0.00	28.22 -0.18 0.00	24.97 -0.36 0.00	24.86 -0.26 0.00	28.63 -0.26 0.00	25.18 -0.71 0.00	27.01 -0.66 0.00	29.98 -0.74 0.00	30.11 -1.10 0.00	28.70 -1.17 0.00	30.72 -1.26 0.00	32.75 -1.20 0.00	40.89 -1.44 0.00	38.90 -0.84 0.00	36.56 -0.25 0.00	35.11 -0.50 -1.17	36.79 -1.06 0.00	30.33 0.00 0.00	25.91 -0.82 0.00	24.53 -0.94 0.00	27.71 -1.06 0.00	24.28 -0.77 0.00
BAYONEEC___CTG1 323682	28.52 0.52 0.00	29.55 0.47 0.00	28.28 0.37 0.00	28.73 0.34 0.00	25.77 0.44 0.00	25.71 0.60 0.00	29.60 0.71 0.00	26.69 0.80 0.00	28.63 0.96 0.00	31.96 1.24 0.00	32.61 1.40 0.00	31.40 1.53 0.00	33.70 1.72 0.00	35.80 1.86 0.00	44.45 2.11 0.00	41.77 2.03 0.00	38.88 2.08 0.00	41.60 2.45 -4.72	40.22 2.37 0.00	33.16 1.91 0.00	28.23 1.51 0.00	26.83 1.35 0.00	30.05 1.28 0.00	25.99 0.94 0.00
BAYONEEC___CTG10 323750	28.52 0.52 0.00	29.55 0.47 0.00	28.28 0.37 0.00	28.73 0.34 0.00	25.77 0.44 0.00	25.71 0.60 0.00	29.60 0.71 0.00	26.69 0.80 0.00	28.63 0.96 0.00	31.96 1.24 0.00	32.61 1.40 0.00	31.40 1.53 0.00	33.70 1.72 0.00	35.80 1.86 0.00	44.45 2.11 0.00	41.77 2.03 0.00	38.88 2.08 0.00	41.60 2.45 -4.72	40.22 2.37 0.00	33.16 1.91 0.00	28.23 1.51 0.00	26.83 1.35 0.00	30.05 1.28 0.00	25.99 0.94 0.00
BAYONEEC___CTG2 323683	28.52 0.52 0.00	29.55 0.47 0.00	28.28 0.37 0.00	28.73 0.34 0.00	25.77 0.44 0.00	25.71 0.60 0.00	29.60 0.71 0.00	26.69 0.80 0.00	28.63 0.96 0.00	31.96 1.24 0.00	32.61 1.40 0.00	31.40 1.53 0.00	33.70 1.72 0.00	35.80 1.86 0.00	44.45 2.11 0.00	41.77 2.03 0.00	38.88 2.08 0.00	41.60 2.45 -4.72	40.22 2.37 0.00	33.16 1.91 0.00	28.23 1.51 0.00	26.83 1.35 0.00	30.05 1.28 0.00	25.99 0.94 0.00
BAYONEEC___CTG3 323684	28.52 0.52 0.00	29.55 0.47 0.00	28.28 0.37 0.00	28.73 0.34 0.00	25.77 0.44 0.00	25.71 0.60 0.00	29.60 0.71 0.00	26.69 0.80 0.00	28.63 0.96 0.00	31.96 1.24 0.00	32.61 1.40 0.00	31.40 1.53 0.00	33.70 1.72 0.00	35.80 1.86 0.00	44.45 2.11 0.00	41.77 2.03 0.00	38.88 2.08 0.00	41.60 2.45 -4.72	40.22 2.37 0.00	33.16 1.91 0.00	28.23 1.51 0.00	26.83 1.35 0.00	30.05 1.28 0.00	25.99 0.94 0.00
BAYONEEC___CTG4 323685	28.52 0.52 0.00	29.55 0.47 0.00	28.28 0.37 0.00	28.73 0.34 0.00	25.77 0.44 0.00	25.71 0.60 0.00	29.60 0.71 0.00	26.69 0.80 0.00	28.63 0.96 0.00	31.96 1.24 0.00	32.61 1.40 0.00	31.40 1.53 0.00	33.70 1.72 0.00	35.80 1.86 0.00	44.45 2.11 0.00	41.77 2.03 0.00	38.88 2.08 0.00	41.60 2.45 -4.72	40.22 2.37 0.00	33.16 1.91 0.00	28.23 1.51 0.00	26.83 1.35 0.00	30.05 1.28 0.00	25.99 0.94 0.00
BAYONEEC___CTG5 323686	28.52 0.52 0.00	29.55 0.47 0.00	28.28 0.37 0.00	28.73 0.34 0.00	25.77 0.44 0.00	25.71 0.60 0.00	29.60 0.71 0.00	26.69 0.80 0.00	28.63 0.96 0.00	31.96 1.24 0.00	32.61 1.40 0.00	31.40 1.53 0.00	33.70 1.72 0.00	35.80 1.86 0.00	44.45 2.11 0.00	41.77 2.03 0.00	38.88 2.08 0.00	41.60 2.45 -4.72	40.22 2.37 0.00	33.16 1.91 0.00	28.23 1.51 0.00	26.83 1.35 0.00	30.05 1.28 0.00	25.99 0.94 0.00
BAYONEEC___CTG6 323687	28.52 0.52 0.00	29.55 0.47 0.00	28.28 0.37 0.00	28.73 0.34 0.00	25.77 0.44 0.00	25.71 0.60 0.00	29.60 0.71 0.00	26.69 0.80 0.00	28.63 0.96 0.00	31.96 1.24 0.00	32.61 1.40 0.00	31.40 1.53 0.00	33.70 1.72 0.00	35.80 1.86 0.00	44.45 2.11 0.00	41.77 2.03 0.00	38.88 2.08 0.00	41.60 2.45 -4.72	40.22 2.37 0.00	33.16 1.91 0.00	28.23 1.51 0.00	26.83 1.35 0.00	30.05 1.28 0.00	25.99 0.94 0.00
BAYONEEC___CTG7 323688	28.52 0.52 0.00	29.55 0.47 0.00	28.28 0.37 0.00	28.73 0.34 0.00	25.77 0.44 0.00	25.71 0.60 0.00	29.60 0.71 0.00	26.69 0.80 0.00	28.63 0.96 0.00	31.96 1.24 0.00	32.61 1.40 0.00	31.40 1.53 0.00	33.70 1.72 0.00	35.80 1.86 0.00	44.45 2.11 0.00	41.77 2.03 0.00	38.88 2.08 0.00	41.60 2.45 -4.72	40.22 2.37 0.00	33.16 1.91 0.00	28.23 1.51 0.00	26.83 1.35 0.00	30.05 1.28 0.00	25.99 0.94 0.00
BAYONEEC___CTG8 323689	28.52 0.52 0.00	29.55 0.47 0.00	28.28 0.37 0.00	28.73 0.34 0.00	25.77 0.44 0.00	25.71 0.60 0.00	29.60 0.71 0.00	26.69 0.80 0.00	28.63 0.96 0.00	31.96 1.24 0.00	32.61 1.40 0.00	31.40 1.53 0.00	33.70 1.72 0.00	35.80 1.86 0.00	44.45 2.11 0.00	41.77 2.03 0.00	38.88 2.08 0.00	41.60 2.45 -4.72	40.22 2.37 0.00	33.16 1.91 0.00	28.23 1.51 0.00	26.83 1.35 0.00	30.05 1.28 0.00	25.99 0.94 0.00

BAYONEEC___CTG9 323749	28.52 0.52 0.00	29.55 0.47 0.00	28.28 0.37 0.00	28.73 0.34 0.00	25.77 0.44 0.00	25.71 0.60 0.00	29.60 0.71 0.00	26.69 0.80 0.00	28.63 0.96 0.00	31.96 1.24 0.00	32.61 1.40 0.00	31.40 1.53 0.00	33.70 1.72 0.00	35.80 1.86 0.00	44.45 2.11 0.00	41.77 2.03 0.00	38.88 2.08 0.00	41.60 2.45 -4.72	40.22 2.37 0.00	33.16 1.91 0.00	28.23 1.51 0.00	26.83 1.35 0.00	30.05 1.28 0.00	25.99 0.94 0.00
BEACON___LESR 323632	28.37 0.37 0.00	29.43 0.35 0.00	28.28 0.36 0.00	28.78 0.39 0.00	25.75 0.42 0.00	25.60 0.49 0.00	29.47 0.58 0.00	26.50 0.61 0.00	28.39 0.72 0.00	31.63 0.90 0.00	32.27 1.06 0.00	30.93 1.07 0.00	33.21 1.22 0.00	35.31 1.37 0.00	44.01 1.67 0.00	41.26 1.52 0.00	38.37 1.56 0.00	41.98 1.86 -5.69	39.63 1.78 0.00	32.69 1.44 0.00	27.82 1.09 0.00	26.42 0.95 0.00	29.62 0.85 0.00	25.71 0.67 0.00
BEAVER RIVER___HYD 24048	28.34 0.34 0.00	29.40 0.33 0.00	28.18 0.26 0.00	28.67 0.27 0.00	25.49 0.16 0.00	25.24 0.13 0.00	29.03 0.14 0.00	26.03 0.14 0.00	27.78 0.11 0.00	30.78 0.05 0.00	31.04 -0.17 0.00	29.66 -0.21 0.00	31.45 -0.53 0.00	33.41 -0.53 0.00	41.40 -0.94 0.00	38.53 -1.22 0.00	35.69 -1.12 0.00	33.57 -1.25 -0.39	36.41 -1.44 0.00	30.04 -1.21 0.00	25.84 -0.89 0.00	24.85 -0.62 0.00	28.33 -0.44 0.00	24.61 -0.43 0.00
BEEBEE_GT_13 23619	27.31 -0.69 0.00	28.44 -0.64 0.00	27.28 -0.63 0.00	27.78 -0.62 0.00	24.64 -0.69 0.00	24.50 -0.62 0.00	28.20 -0.69 0.00	25.06 -0.83 0.00	26.86 -0.81 0.00	29.79 -0.94 0.00	30.03 -1.19 0.00	28.65 -1.22 0.00	30.68 -1.30 0.00	32.65 -1.29 0.00	40.73 -1.60 0.00	38.56 -1.18 0.00	36.08 -0.72 0.00	34.72 -0.79 -1.09	36.61 -1.24 0.00	30.17 -1.07 0.00	25.78 -0.95 0.00	24.47 -1.00 0.00	27.69 -1.08 0.00	24.17 -0.88 0.00
BENSHRST_27_KV_BENSHRST_1 355998	28.75 0.75 0.00	29.78 0.70 0.00	28.49 0.58 0.00	28.93 0.54 0.00	25.96 0.63 0.00	25.91 0.79 0.00	29.83 0.94 0.00	26.91 1.02 0.00	28.86 1.19 0.00	32.24 1.52 0.00	32.90 1.69 0.00	31.67 1.80 0.00	34.01 2.02 0.00	36.12 2.17 0.00	44.87 2.54 0.00	42.15 2.41 0.00	39.25 2.45 0.00	41.95 2.79 -4.72	40.63 2.78 0.00	33.47 2.23 0.00	28.50 1.77 0.00	27.08 1.60 0.00	30.31 1.55 0.00	26.21 1.16 0.00
BETHLEHEM___GRP 23843	27.94 -0.06 0.00	29.00 -0.07 0.00	27.90 -0.02 0.00	28.43 0.03 0.00	25.43 0.10 0.00	25.24 0.12 0.00	29.01 0.13 0.00	26.04 0.15 0.00	27.89 0.22 0.00	31.11 0.38 0.00	31.71 0.50 0.00	30.42 0.55 0.00	32.65 0.66 0.00	34.66 0.71 0.00	43.14 0.80 0.00	40.54 0.79 0.00	37.65 0.84 0.00	41.22 1.09 -5.70	38.89 1.04 0.00	32.02 0.77 0.00	27.31 0.59 0.00	25.96 0.48 0.00	29.10 0.33 0.00	25.30 0.25 0.00
BETHLEHEM___GS1 323560	27.94 -0.06 0.00	29.00 -0.07 0.00	27.90 -0.02 0.00	28.43 0.03 0.00	25.44 0.10 0.00	25.23 0.12 0.00	29.01 0.13 0.00	26.04 0.15 0.00	27.89 0.22 0.00	31.11 0.38 0.00	31.70 0.50 0.00	30.43 0.56 0.00	32.65 0.66 0.00	34.67 0.72 0.00	43.14 0.80 0.00	40.54 0.80 0.00	37.65 0.84 0.00	41.22 1.09 -5.70	38.89 1.04 0.00	32.02 0.77 0.00	27.32 0.59 0.00	25.96 0.48 0.00	29.10 0.33 0.00	25.30 0.25 0.00
BETHLEHEM___GS2 323561	27.94 -0.06 0.00	29.00 -0.07 0.00	27.90 -0.02 0.00	28.43 0.03 0.00	25.44 0.10 0.00	25.23 0.12 0.00	29.01 0.13 0.00	26.04 0.15 0.00	27.89 0.22 0.00	31.11 0.38 0.00	31.70 0.50 0.00	30.43 0.56 0.00	32.65 0.66 0.00	34.67 0.72 0.00	43.14 0.80 0.00	40.54 0.80 0.00	37.65 0.84 0.00	41.22 1.09 -5.70	38.89 1.04 0.00	32.02 0.77 0.00	27.32 0.59 0.00	25.96 0.48 0.00	29.10 0.33 0.00	25.30 0.25 0.00
BETHLEHEM___GS3 323562	27.94 -0.06 0.00	29.00 -0.07 0.00	27.90 -0.02 0.00	28.43 0.03 0.00	25.44 0.10 0.00	25.23 0.12 0.00	29.01 0.13 0.00	26.04 0.15 0.00	27.89 0.22 0.00	31.11 0.38 0.00	31.70 0.50 0.00	30.43 0.56 0.00	32.65 0.66 0.00	34.67 0.72 0.00	43.14 0.80 0.00	40.54 0.80 0.00	37.65 0.84 0.00	41.22 1.09 -5.70	38.89 1.04 0.00	32.02 0.77 0.00	27.32 0.59 0.00	25.96 0.48 0.00	29.10 0.33 0.00	25.30 0.25 0.00
BETHLEHEM___STEEL 23779	27.58 -0.42 0.00	28.73 -0.35 0.00	27.55 -0.37 0.00	28.04 -0.36 0.00	24.77 -0.56 0.00	24.69 -0.43 0.00	28.37 -0.52 0.00	25.10 -0.79 0.00	26.88 -0.79 0.00	29.88 -0.84 0.00	30.03 -1.18 0.00	28.63 -1.24 0.00	30.66 -1.33 0.00	32.67 -1.28 0.00	40.69 -1.65 0.00	38.52 -1.22 0.00	36.12 -0.69 0.00	34.75 -0.95 -1.27	36.15 -1.70 0.00	29.80 -1.45 0.00	25.42 -1.31 0.00	24.08 -1.40 0.00	27.25 -1.52 0.00	23.84 -1.21 0.00
BETHLHEM_115KV_TB1 79974	28.03 0.03 0.00	29.10 0.02 0.00	27.99 0.07 0.00	28.51 0.12 0.00	25.51 0.18 0.00	25.30 0.19 0.00	29.09 0.20 0.00	26.11 0.22 0.00	27.97 0.31 0.00	31.19 0.47 0.00	31.78 0.57 0.00	30.50 0.63 0.00	32.73 0.74 0.00	34.75 0.80 0.00	43.25 0.91 0.00	40.64 0.89 0.00	37.74 0.94 0.00	41.31 1.18 -5.69	38.99 1.14 0.00	32.10 0.85 0.00	27.38 0.65 0.00	26.02 0.54 0.00	29.18 0.41 0.00	25.36 0.31 0.00
BETHPAGE_CC_5 323564	29.15 1.15 0.00	30.14 1.06 0.00	28.74 0.82 0.00	29.16 0.76 0.00	26.22 0.89 0.00	26.25 1.13 0.00	30.06 1.17 0.00	27.20 1.31 0.00	29.28 1.61 0.00	36.56 2.11 -3.73	46.41 2.28 -12.92	41.29 2.35 -9.06	45.62 2.58 -11.06	74.64 2.77 -37.92	56.67 3.29 -11.04	42.92 3.18 0.00	51.62 3.01 -11.81	78.06 3.30 -40.32	52.29 3.39 -11.05	91.59 2.77 -57.57	45.05 2.24 -16.09	29.45 2.02 -1.96	30.78 2.01 0.00	26.83 1.49 -0.30
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.76 -0.24 0.00	28.90 -0.18 0.00	27.72 -0.19 0.00	28.21 -0.18 0.00	24.93 -0.40 0.00	24.85 -0.27 0.00	28.56 -0.33 0.00	25.26 -0.63 0.00	27.03 -0.64 0.00	30.06 -0.66 0.00	30.21 -0.99 0.00	28.81 -1.06 0.00	30.86 -1.13 0.00	32.87 -1.08 0.00	40.95 -1.38 0.00	38.78 -0.97 0.00	36.37 -0.44 0.00	35.01 -0.70 -1.28	36.40 -1.45 0.00	30.02 -1.23 0.00	25.59 -1.14 0.00	24.23 -1.24 0.00	27.42 -1.35 0.00	23.98 -1.07 0.00
BINGHAMTON___COGEN 23790	27.90 -0.10 0.00	28.97 -0.11 0.00	27.80 -0.11 0.00	28.21 -0.19 0.00	25.14 -0.19 0.00	24.98 -0.14 0.00	28.75 -0.14 0.00	25.75 -0.13 0.00	27.55 -0.11 0.00	30.58 -0.15 0.00	31.08 -0.13 0.00	29.75 -0.12 0.00	31.87 -0.11 0.00	33.87 -0.07 0.00	42.21 -0.12 0.00	39.71 -0.03 0.00	37.01 0.20 0.00	36.84 0.35 -2.05	37.88 0.03 0.00	31.22 -0.03 0.00	26.60 -0.13 0.00	25.29 -0.18 0.00	28.58 -0.19 0.00	24.79 -0.25 0.00
BIXINCNT_115KV_LOAD 355685	28.31 0.31 0.00	29.42 0.34 0.00	28.20 0.28 0.00	28.60 0.21 0.00	25.29 -0.04 0.00	25.27 0.16 0.00	29.15 0.27 0.00	25.73 -0.16 0.00	27.03 -0.64 0.00	30.40 -0.32 0.00	30.51 -0.70 0.00	29.20 -0.67 0.00	31.34 -0.65 0.00	33.32 -0.63 0.00	41.64 -0.69 0.00	39.37 -0.37 0.00	36.64 -0.17 0.00	35.78 0.04 -1.31	36.58 -1.27 0.00	30.27 -0.98 0.00	25.31 -1.43 0.00	23.96 -1.51 0.00	27.06 -1.71 0.00	23.57 -1.48 0.00

BLACK RIVER___HYD 24047	28.27 0.27 0.00	29.32 0.24 0.00	28.10 0.18 0.00	28.58 0.19 0.00	25.40 0.07 0.00	25.17 0.06 0.00	28.97 0.08 0.00	26.00 0.10 0.00	27.76 0.09 0.00	30.75 0.02 0.00	30.98 -0.23 0.00	29.68 -0.19 0.00	31.39 -0.59 0.00	33.27 -0.67 0.00	41.25 -1.09 0.00	38.39 -1.35 0.00	35.67 -1.13 0.00	33.76 -1.23 -0.55	36.40 -1.45 0.00	29.98 -1.27 0.00	25.75 -0.98 0.00	24.71 -0.77 0.00	28.16 -0.61 0.00	24.41 -0.64 0.00
BLACKRVR_115KV_TB2 79977	28.27 0.27 0.00	29.32 0.24 0.00	28.09 0.18 0.00	28.58 0.18 0.00	25.40 0.07 0.00	25.17 0.06 0.00	28.97 0.08 0.00	26.00 0.10 0.00	27.76 0.09 0.00	30.74 0.02 0.00	30.98 -0.23 0.00	29.68 -0.19 0.00	31.39 -0.59 0.00	33.28 -0.67 0.00	41.24 -1.09 0.00	38.40 -1.35 0.00	35.67 -1.13 0.00	33.76 -1.23 -0.55	36.40 -1.45 0.00	29.98 -1.27 0.00	25.75 -0.98 0.00	24.71 -0.77 0.00	28.16 -0.61 0.00	24.41 -0.64 0.00
BLISS_WT_PWR 323608	22.65 0.34 5.69	26.34 0.36 3.09	25.25 0.29 2.96	26.34 0.20 2.26	23.23 -0.06 2.04	23.61 0.15 1.66	28.44 0.28 0.72	25.60 -0.17 0.12	26.41 -0.80 0.46	28.92 -0.39 1.41	28.89 -0.82 1.50	28.75 -0.72 0.39	30.80 -0.65 0.53	32.94 -0.66 0.35	41.53 -0.66 0.15	37.85 -0.39 1.50	32.78 -0.25 3.78	35.79 0.06 -1.31	36.43 -1.42 0.00	28.84 -1.10 1.30	21.50 -1.67 3.56	23.46 -1.74 0.27	26.75 -2.02 0.00	23.30 -1.75 0.00
BLUESTONE___WT_PWR 323821	30.31 1.09 -1.22	30.85 1.11 -0.66	29.01 0.46 -0.63	28.46 -0.42 -0.49	25.36 -0.41 -0.44	25.16 -0.31 -0.36	28.50 -0.55 -0.15	25.46 -0.46 -0.03	27.82 0.06 -0.10	31.04 0.01 -0.31	32.48 0.94 -0.33	31.35 1.40 -0.09	33.31 1.21 -0.12	35.05 1.03 -0.08	43.18 0.81 -0.03	40.02 -0.05 -0.32	37.68 0.06 -0.81	36.91 0.36 -2.12	38.23 0.38 0.00	32.40 0.88 -0.28	27.68 0.18 -0.77	25.65 0.12 -0.06	29.46 0.69 0.00	24.67 -0.38 0.00
BLUE_CIRC_CHEM_DRP 24182	28.46 0.46 0.00	29.56 0.48 0.00	28.44 0.53 0.00	28.96 0.57 0.00	25.89 0.56 0.00	25.66 0.54 0.00	29.51 0.62 0.00	26.46 0.57 0.00	28.35 0.68 0.00	31.59 0.87 0.00	32.20 0.99 0.00	30.89 1.01 0.00	33.13 1.15 0.00	35.18 1.23 0.00	43.78 1.45 0.00	41.17 1.43 0.00	38.25 1.44 0.00	41.66 1.61 -5.61	39.46 1.61 0.00	32.48 1.24 0.00	27.73 1.00 0.00	26.34 0.87 0.00	29.56 0.79 0.00	25.70 0.65 0.00
BOC_GAS_DRP 24189	28.24 0.24 0.00	29.33 0.26 0.00	28.22 0.31 0.00	28.73 0.34 0.00	25.70 0.37 0.00	25.48 0.36 0.00	29.29 0.40 0.00	26.29 0.40 0.00	28.16 0.49 0.00	31.38 0.66 0.00	31.97 0.76 0.00	30.67 0.80 0.00	32.90 0.92 0.00	34.94 0.99 0.00	43.48 1.15 0.00	40.86 1.12 0.00	37.93 1.12 0.00	41.44 1.34 -5.67	39.16 1.31 0.00	32.25 1.00 0.00	27.52 0.80 0.00	26.17 0.69 0.00	29.37 0.60 0.00	25.52 0.47 0.00
BOONVILLE_115KV_TB1 79983	28.54 0.54 0.00	29.62 0.54 0.00	28.41 0.50 0.00	28.89 0.49 0.00	25.73 0.40 0.00	25.52 0.40 0.00	29.38 0.49 0.00	26.36 0.47 0.00	28.17 0.50 0.00	31.27 0.54 0.00	31.64 0.43 0.00	30.29 0.42 0.00	32.28 0.29 0.00	34.32 0.37 0.00	42.61 0.27 0.00	39.86 0.12 0.00	37.04 0.23 0.00	34.93 0.16 -0.34	37.92 0.08 0.00	31.28 0.04 0.00	26.77 0.04 0.00	25.57 0.10 0.00	28.98 0.20 0.00	25.17 0.12 0.00
BORALEX_4TH_BRANCH 23824	29.05 1.05 0.00	30.09 1.02 0.00	29.00 1.08 0.00	29.69 1.29 0.00	26.58 1.25 0.00	26.41 1.30 0.00	30.33 1.45 0.00	27.18 1.29 0.00	29.05 1.38 0.00	32.47 1.75 0.00	33.04 1.84 0.00	31.73 1.86 0.00	34.00 2.01 0.00	36.08 2.14 0.00	44.90 2.57 0.00	42.17 2.43 0.00	39.19 2.38 0.00	42.71 2.60 -5.67	40.59 2.74 0.00	33.43 2.18 0.00	28.50 1.77 0.00	27.07 1.59 0.00	30.29 1.52 0.00	26.32 1.27 0.00
BOWLINE___1 23526	28.43 0.43 0.00	29.46 0.39 0.00	28.24 0.32 0.00	28.68 0.28 0.00	25.72 0.39 0.00	25.64 0.52 0.00	29.51 0.63 0.00	26.58 0.69 0.00	28.47 0.80 0.00	31.76 1.04 0.00	32.41 1.20 0.00	31.18 1.31 0.00	33.47 1.49 0.00	35.56 1.62 0.00	44.21 1.88 0.00	41.53 1.79 0.00	38.62 1.81 0.00	41.22 2.19 -4.60	39.97 2.12 0.00	32.91 1.66 0.00	28.02 1.29 0.00	26.63 1.15 0.00	29.88 1.12 0.00	25.87 0.82 0.00
BOWLINE___2 23595	28.43 0.43 0.00	29.46 0.39 0.00	28.24 0.32 0.00	28.68 0.28 0.00	25.72 0.39 0.00	25.64 0.52 0.00	29.51 0.63 0.00	26.58 0.69 0.00	28.47 0.80 0.00	31.77 1.04 0.00	32.41 1.20 0.00	31.18 1.31 0.00	33.47 1.49 0.00	35.56 1.62 0.00	44.21 1.88 0.00	41.53 1.79 0.00	38.62 1.82 0.00	41.22 2.19 -4.60	39.97 2.12 0.00	32.91 1.66 0.00	28.02 1.29 0.00	26.63 1.15 0.00	29.88 1.12 0.00	25.87 0.82 0.00
BRADY___115KV_TB2 356060	29.12 1.12 0.00	30.22 1.14 0.00	28.94 1.03 0.00	29.47 1.08 0.00	26.23 0.90 0.00	25.93 0.82 0.00	29.79 0.91 0.00	26.70 0.81 0.00	28.59 0.93 0.00	31.77 1.05 0.00	32.28 1.07 0.00	30.66 0.79 0.00	32.80 0.82 0.00	34.71 0.76 0.00	43.42 1.08 0.00	40.74 1.00 0.00	37.29 0.48 0.00	34.61 0.07 -0.10	38.16 0.31 0.00	31.54 0.29 0.00	27.27 0.54 0.00	26.16 0.69 0.00	29.65 0.88 0.00	25.83 0.79 0.00
BRANSCOMB___SOLAR 323811	28.99 0.99 0.00	30.04 0.96 0.00	28.91 0.99 0.00	29.46 1.07 0.00	26.37 1.04 0.00	26.20 1.08 0.00	30.14 1.26 0.00	27.02 1.14 0.00	28.99 1.32 0.00	32.32 1.59 0.00	32.97 1.76 0.00	31.71 1.84 0.00	34.05 2.06 0.00	36.13 2.19 0.00	44.97 2.64 0.00	42.20 2.46 0.00	39.25 2.45 0.00	42.80 2.54 -5.83	40.42 2.57 0.00	33.28 2.04 0.00	28.37 1.64 0.00	27.06 1.58 0.00	30.31 1.54 0.00	26.34 1.30 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	29.46 1.46 0.00	30.45 1.37 0.00	29.00 1.09 0.00	29.41 1.01 0.00	26.47 1.14 0.00	26.54 1.42 0.00	30.32 1.44 0.00	27.50 1.61 0.00	29.63 1.96 0.00	37.27 2.59 -3.96	47.71 2.78 -13.72	42.32 2.82 -9.63	46.81 3.08 -11.75	75.94 3.33 -38.66	57.53 3.89 -11.31	43.44 3.70 0.00	50.68 3.44 -10.43	74.36 3.59 -36.33	52.94 3.88 -11.21	93.87 3.26 -59.37	46.30 2.66 -16.90	29.82 2.44 -1.91	31.16 2.39 0.00	26.54 1.82 0.33
BRISTLHL_115KV_TB1 79998	27.39 -0.61 0.00	28.46 -0.61 0.00	27.32 -0.59 0.00	27.77 -0.63 0.00	24.74 -0.59 0.00	24.54 -0.58 0.00	28.24 -0.65 0.00	25.29 -0.60 0.00	26.97 -0.70 0.00	29.86 -0.86 0.00	30.33 -0.88 0.00	29.04 -0.83 0.00	31.10 -0.88 0.00	33.02 -0.93 0.00	41.13 -1.21 0.00	38.68 -1.07 0.00	36.03 -0.77 0.00	34.64 -0.65 -0.86	36.93 -0.92 0.00	30.44 -0.80 0.00	25.99 -0.74 0.00	24.74 -0.74 0.00	28.01 -0.76 0.00	24.43 -0.62 0.00
BROOKHAVEN___DRP 24191	29.46 1.46 0.00	30.44 1.36 0.00	28.98 1.07 0.00	29.40 1.00 0.00	26.46 1.13 0.00	26.54 1.42 0.00	30.32 1.44 0.00	27.50 1.61 0.00	29.67 2.01 0.00	37.37 2.66 -3.98	47.85 2.82 -13.82	42.43 2.87 -9.69	46.95 3.14 -11.83	76.10 3.40 -38.75	57.77 4.09 -11.34	43.67 3.93 0.00	50.82 3.74 -10.27	74.29 3.99 -35.87	53.24 4.16 -11.23	94.20 3.38 -59.57	46.44 2.72 -17.00	29.85 2.47 -1.91	31.20 2.43 0.00	26.48 1.84 0.40

CH_MISC_IPPS 23765	28.77 0.77 0.00	29.83 0.75 0.00	28.61 0.70 0.00	29.07 0.67 0.00	26.06 0.73 0.00	25.95 0.83 0.00	29.86 0.97 0.00	26.89 1.00 0.00	28.84 1.18 0.00	32.20 1.47 0.00	32.85 1.64 0.00	31.60 1.73 0.00	33.91 1.93 0.00	36.03 2.08 0.00	44.81 2.47 0.00	42.10 2.35 0.00	39.19 2.38 0.00	41.84 2.66 -4.75	40.48 2.63 0.00	33.33 2.08 0.00	28.38 1.65 0.00	26.95 1.47 0.00	30.20 1.43 0.00	26.15 1.10 0.00
CH_RES_BVR_FALLS 23983	28.25 0.25 0.00	29.32 0.24 0.00	28.10 0.19 0.00	28.59 0.20 0.00	25.47 0.14 0.00	25.23 0.11 0.00	28.98 0.10 0.00	25.92 0.03 0.00	27.70 0.04 0.00	30.73 0.01 0.00	31.15 -0.06 0.00	29.72 -0.15 0.00	31.80 -0.18 0.00	33.77 -0.18 0.00	42.04 -0.30 0.00	39.29 -0.45 0.00	36.05 -0.75 0.00	33.63 -0.81 0.00	37.04 -0.81 0.00	30.67 -0.58 0.00	26.38 -0.35 0.00	25.15 -0.33 0.00	28.56 -0.21 0.00	24.86 -0.19 0.00
CH_RES_NIAGARA 23895	22.70 -1.43 3.87	25.56 -1.41 2.10	24.53 -1.38 2.01	25.51 -1.35 1.53	22.51 -1.44 1.39	22.64 -1.35 1.13	26.80 -1.60 0.49	23.91 -1.90 0.08	25.42 -1.93 0.31	27.58 -2.18 0.97	27.53 -2.65 1.03	26.97 -2.63 0.27	28.82 -2.80 0.36	30.86 -2.85 0.24	38.71 -3.52 0.10	35.88 -2.84 1.02	32.25 -1.99 2.57	33.22 -2.43 -1.21	34.68 -3.17 0.00	27.75 -2.61 0.89	22.18 -2.12 2.42	23.11 -2.18 0.19	26.36 -2.41 0.00	23.14 -1.91 0.00
CH_RES_SYRACUSE 23985	27.72 -0.28 0.00	28.79 -0.28 0.00	27.64 -0.27 0.00	28.08 -0.32 0.00	25.02 -0.31 0.00	24.83 -0.28 0.00	28.59 -0.30 0.00	25.60 -0.29 0.00	27.31 -0.36 0.00	30.27 -0.45 0.00	30.72 -0.49 0.00	29.42 -0.44 0.00	31.53 -0.46 0.00	33.45 -0.49 0.00	41.69 -0.65 0.00	39.22 -0.52 0.00	36.57 -0.24 0.00	35.25 -0.15 -0.97	37.48 -0.37 0.00	30.88 -0.37 0.00	26.35 -0.38 0.00	25.07 -0.40 0.00	28.37 -0.40 0.00	24.69 -0.35 0.00
CLINTON_WT_PWR 323605	29.35 1.35 0.00	30.47 1.39 0.00	29.27 1.36 0.00	29.77 1.38 0.00	26.44 1.11 0.00	26.05 0.94 0.00	29.96 1.08 0.00	26.87 0.98 0.00	28.85 1.18 0.00	31.89 1.16 0.00	32.47 1.26 0.00	31.07 1.20 0.00	33.21 1.22 0.00	35.07 1.13 0.00	43.72 1.38 0.00	40.98 1.24 0.00	37.84 1.03 0.00	34.80 0.37 0.00	37.97 0.12 0.00	30.88 -0.37 0.00	26.29 -0.44 0.00	25.23 -0.25 0.00	28.77 0.00 0.00	25.45 0.40 0.00
CLINTON__LFGE 323618	29.72 1.72 0.00	30.84 1.76 0.00	29.63 1.72 0.00	30.15 1.75 0.00	26.74 1.41 0.00	26.31 1.20 0.00	30.29 1.41 0.00	27.17 1.28 0.00	29.22 1.55 0.00	32.27 1.55 0.00	32.90 1.69 0.00	31.49 1.62 0.00	33.67 1.69 0.00	35.53 1.58 0.00	44.31 1.98 0.00	41.54 1.80 0.00	38.44 1.64 0.00	35.37 0.94 0.00	38.59 0.74 0.00	31.39 0.14 0.00	26.67 -0.06 0.00	25.60 0.12 0.00	29.17 0.40 0.00	25.75 0.71 0.00
COBBLENY_34_KV_TB1 80064	27.59 -0.41 0.00	28.73 -0.35 0.00	27.56 -0.36 0.00	28.04 -0.35 0.00	24.79 -0.54 0.00	24.70 -0.41 0.00	28.40 -0.49 0.00	25.12 -0.77 0.00	26.92 -0.74 0.00	29.91 -0.81 0.00	30.07 -1.14 0.00	28.66 -1.21 0.00	30.68 -1.30 0.00	32.71 -1.23 0.00	40.74 -1.60 0.00	38.59 -1.15 0.00	36.20 -0.61 0.00	34.86 -0.86 -1.29	36.28 -1.56 0.00	29.91 -1.34 0.00	25.54 -1.18 0.00	24.18 -1.30 0.00	27.37 -1.40 0.00	23.93 -1.12 0.00
COFFEEN__115KV_TB3 355620	28.37 0.37 0.00	29.43 0.35 0.00	28.19 0.27 0.00	28.68 0.28 0.00	25.48 0.15 0.00	25.27 0.15 0.00	29.09 0.20 0.00	26.10 0.21 0.00	27.91 0.24 0.00	30.93 0.21 0.00	31.19 -0.03 0.00	29.87 0.00 0.00	31.60 -0.38 0.00	33.51 -0.44 0.00	41.54 -0.80 0.00	38.69 -1.05 0.00	35.98 -0.83 0.00	34.07 -0.92 -0.56	36.71 -1.14 0.00	30.24 -1.01 0.00	25.95 -0.78 0.00	24.88 -0.60 0.00	28.31 -0.46 0.00	24.52 -0.53 0.00
COLDSPRG_115KV_BK1 355956	28.72 0.72 0.00	29.85 0.77 0.00	28.58 0.67 0.00	29.02 0.62 0.00	25.68 0.35 0.00	25.68 0.57 0.00	29.40 0.52 0.00	26.04 0.15 0.00	28.09 0.43 0.00	31.30 0.58 0.00	31.49 0.28 0.00	29.86 -0.01 0.00	31.98 -0.01 0.00	34.09 0.15 0.00	42.54 0.20 0.00	40.04 0.30 0.00	37.46 0.65 0.00	36.14 0.38 -1.32	37.51 -0.34 0.00	30.78 -0.46 0.00	26.33 -0.40 0.00	24.94 -0.53 0.00	28.31 -0.46 0.00	24.61 -0.44 0.00
COLONIE_LFGE__ 323577	28.64 0.64 0.00	29.72 0.64 0.00	28.59 0.68 0.00	29.17 0.77 0.00	26.10 0.77 0.00	25.91 0.80 0.00	29.79 0.91 0.00	26.72 0.83 0.00	28.62 0.95 0.00	31.93 1.21 0.00	32.53 1.32 0.00	31.23 1.36 0.00	33.51 1.52 0.00	35.58 1.63 0.00	44.28 1.94 0.00	41.59 1.85 0.00	38.63 1.82 0.00	42.21 2.02 -5.76	39.89 2.04 0.00	32.85 1.61 0.00	28.02 1.29 0.00	26.64 1.17 0.00	29.86 1.09 0.00	25.95 0.90 0.00
COOPERNY_115KV_TB1 80082	28.24 0.24 0.00	29.29 0.22 0.00	28.11 0.19 0.00	28.56 0.16 0.00	25.56 0.23 0.00	25.42 0.30 0.00	29.25 0.36 0.00	26.31 0.42 0.00	28.17 0.50 0.00	31.36 0.64 0.00	31.95 0.74 0.00	30.70 0.83 0.00	32.93 0.94 0.00	34.97 1.03 0.00	43.55 1.21 0.00	40.90 1.16 0.00	38.02 1.21 0.00	39.64 1.48 -3.73	39.23 1.39 0.00	32.32 1.07 0.00	27.54 0.81 0.00	26.21 0.73 0.00	29.45 0.69 0.00	25.54 0.50 0.00
COPENHAGEN_WT_PWR 323753	28.17 0.17 0.00	29.22 0.14 0.00	28.00 0.08 0.00	28.48 0.09 0.00	25.32 -0.01 0.00	25.09 -0.03 0.00	28.85 -0.03 0.00	25.88 -0.01 0.00	27.62 -0.05 0.00	30.56 -0.17 0.00	30.73 -0.48 0.00	29.45 -0.42 0.00	31.12 -0.87 0.00	32.95 -1.00 0.00	40.84 -1.50 0.00	37.96 -1.78 0.00	35.25 -1.56 0.00	33.39 -1.62 -0.58	35.96 -1.89 0.00	29.62 -1.62 0.00	25.45 -1.28 0.00	24.46 -1.02 0.00	27.92 -0.85 0.00	24.20 -0.85 0.00
CORNELL____ 23752	28.37 0.37 0.00	29.45 0.37 0.00	28.24 0.33 0.00	28.64 0.24 0.00	25.50 0.17 0.00	25.34 0.22 0.00	29.19 0.30 0.00	26.17 0.28 0.00	28.02 0.35 0.00	31.12 0.40 0.00	31.61 0.40 0.00	30.25 0.38 0.00	32.39 0.41 0.00	34.36 0.42 0.00	42.82 0.49 0.00	40.30 0.56 0.00	37.65 0.84 0.00	36.89 0.92 -1.54	38.56 0.72 0.00	31.75 0.51 0.00	27.02 0.29 0.00	25.65 0.18 0.00	28.99 0.22 0.00	25.14 0.09 0.00
CORONAAV_69_KV_TB1 355595	29.14 1.14 0.00	30.13 1.06 0.00	28.76 0.84 0.00	29.19 0.79 0.00	26.23 0.90 0.00	26.23 1.12 0.00	30.08 1.19 0.00	27.22 1.33 0.00	29.26 1.59 0.00	36.42 2.07 -3.62	46.01 2.24 -12.56	41.00 2.32 -8.82	45.30 2.56 -10.76	78.10 2.75 -41.41	57.61 3.30 -11.97	42.90 3.16 0.00	57.30 3.03 -17.47	94.39 3.28 -56.68	53.40 3.32 -12.23	95.10 2.76 -61.10	45.12 2.23 -16.16	29.89 2.03 -2.39	30.75 1.98 0.00	31.69 1.48 -5.16
CORTLAND_115KV_TB3 80093	28.09 0.09 0.00	29.16 0.09 0.00	27.99 0.07 0.00	28.42 0.02 0.00	25.32 -0.02 0.00	25.15 0.03 0.00	28.96 0.07 0.00	25.96 0.07 0.00	27.77 0.10 0.00	30.82 0.09 0.00	31.30 0.10 0.00	29.97 0.10 0.00	32.10 0.11 0.00	34.08 0.13 0.00	42.46 0.13 0.00	39.94 0.19 0.00	37.25 0.44 0.00	36.29 0.53 -1.33	38.17 0.32 0.00	31.44 0.20 0.00	26.79 0.06 0.00	25.46 -0.01 0.00	28.77 0.00 0.00	24.99 -0.06 0.00

COXSACKIE___GT 23611	29.63 1.63 0.00	30.73 1.65 0.00	29.57 1.66 0.00	30.13 1.74 0.00	26.92 1.59 0.00	26.69 1.58 0.00	30.74 1.86 0.00	27.64 1.75 0.00	29.78 2.11 0.00	33.29 2.56 0.00	33.95 2.74 0.00	32.53 2.66 0.00	34.86 2.88 0.00	36.96 3.01 0.00	45.92 3.59 0.00	43.28 3.54 0.00	40.44 3.63 0.00	43.56 3.68 -5.44	41.67 3.83 0.00	34.22 2.98 0.00	29.11 2.38 0.00	27.58 2.11 0.00	30.85 2.08 0.00	26.76 1.71 0.00
CPV_VALLEY___CC1 323721	28.22 0.22 0.00	29.24 0.17 0.00	28.05 0.14 0.00	28.49 0.10 0.00	25.55 0.22 0.00	25.43 0.32 0.00	29.25 0.36 0.00	26.33 0.44 0.00	28.20 0.53 0.00	31.42 0.70 0.00	32.04 0.83 0.00	30.81 0.94 0.00	33.05 1.07 0.00	35.12 1.17 0.00	43.68 1.34 0.00	41.03 1.29 0.00	38.15 1.35 0.00	40.26 1.66 -4.17	39.42 1.58 0.00	32.46 1.21 0.00	27.66 0.93 0.00	26.30 0.82 0.00	29.53 0.76 0.00	25.60 0.56 0.00
CPV_VALLEY___CC2 323722	28.22 0.22 0.00	29.24 0.17 0.00	28.05 0.14 0.00	28.49 0.10 0.00	25.55 0.22 0.00	25.43 0.32 0.00	29.25 0.36 0.00	26.33 0.44 0.00	28.20 0.53 0.00	31.42 0.70 0.00	32.04 0.83 0.00	30.81 0.94 0.00	33.05 1.07 0.00	35.12 1.17 0.00	43.68 1.34 0.00	41.03 1.29 0.00	38.15 1.35 0.00	40.26 1.66 -4.17	39.42 1.58 0.00	32.46 1.21 0.00	27.66 0.93 0.00	26.30 0.82 0.00	29.53 0.76 0.00	25.60 0.56 0.00
CRESCENT___HYD 24018	28.64 0.64 0.00	29.72 0.64 0.00	28.59 0.68 0.00	29.17 0.77 0.00	26.10 0.77 0.00	25.91 0.80 0.00	29.79 0.91 0.00	26.72 0.83 0.00	28.62 0.95 0.00	31.93 1.21 0.00	32.53 1.32 0.00	31.23 1.36 0.00	33.51 1.52 0.00	35.58 1.63 0.00	44.28 1.94 0.00	41.59 1.85 0.00	38.63 1.82 0.00	42.21 2.02 -5.76	39.89 2.04 0.00	32.85 1.61 0.00	28.02 1.29 0.00	26.64 1.17 0.00	29.86 1.09 0.00	25.95 0.90 0.00
CRICKET___VALLEY_CC1 323756	28.36 0.36 0.00	29.43 0.35 0.00	28.29 0.38 0.00	28.78 0.38 0.00	25.81 0.47 0.00	25.69 0.57 0.00	29.51 0.62 0.00	26.54 0.65 0.00	28.46 0.79 0.00	31.77 1.05 0.00	32.40 1.19 0.00	31.17 1.30 0.00	33.45 1.46 0.00	35.53 1.58 0.00	44.18 1.85 0.00	41.53 1.79 0.00	38.63 1.82 0.00	41.49 2.10 -4.95	39.90 2.05 0.00	32.86 1.61 0.00	28.01 1.28 0.00	26.61 1.14 0.00	29.78 1.01 0.00	25.83 0.78 0.00
CRICKET___VALLEY_CC2 323757	28.36 0.36 0.00	29.43 0.35 0.00	28.29 0.38 0.00	28.78 0.38 0.00	25.81 0.47 0.00	25.69 0.57 0.00	29.51 0.62 0.00	26.54 0.65 0.00	28.46 0.79 0.00	31.77 1.05 0.00	32.40 1.19 0.00	31.17 1.30 0.00	33.45 1.46 0.00	35.53 1.58 0.00	44.18 1.85 0.00	41.53 1.79 0.00	38.63 1.82 0.00	41.49 2.10 -4.95	39.90 2.05 0.00	32.86 1.61 0.00	28.01 1.28 0.00	26.61 1.14 0.00	29.78 1.01 0.00	25.83 0.78 0.00
CRICKET___VALLEY_CC3 323758	28.36 0.36 0.00	29.43 0.35 0.00	28.29 0.38 0.00	28.78 0.38 0.00	25.81 0.47 0.00	25.69 0.57 0.00	29.51 0.62 0.00	26.54 0.65 0.00	28.46 0.79 0.00	31.77 1.05 0.00	32.40 1.19 0.00	31.17 1.30 0.00	33.45 1.46 0.00	35.53 1.58 0.00	44.18 1.85 0.00	41.53 1.79 0.00	38.63 1.82 0.00	41.49 2.10 -4.95	39.90 2.05 0.00	32.86 1.61 0.00	28.01 1.28 0.00	26.61 1.14 0.00	29.78 1.01 0.00	25.83 0.78 0.00
CRUCIBLE_METL_DRP 24180	27.72 -0.28 0.00	28.79 -0.28 0.00	27.64 -0.27 0.00	28.08 -0.32 0.00	25.02 -0.31 0.00	24.84 -0.28 0.00	28.59 -0.30 0.00	25.60 -0.29 0.00	27.31 -0.36 0.00	30.28 -0.45 0.00	30.72 -0.49 0.00	29.42 -0.44 0.00	31.53 -0.46 0.00	33.45 -0.49 0.00	41.68 -0.65 0.00	39.22 -0.52 0.00	36.57 -0.24 0.00	35.26 -0.15 -0.97	37.48 -0.37 0.00	30.87 -0.37 0.00	26.35 -0.38 0.00	25.07 -0.40 0.00	28.37 -0.40 0.00	24.69 -0.35 0.00
DAHOWA___HYDRO 323763	29.08 1.08 0.00	30.12 1.05 0.00	28.98 1.06 0.00	29.52 1.13 0.00	26.44 1.11 0.00	26.28 1.16 0.00	30.25 1.37 0.00	27.11 1.22 0.00	29.10 1.43 0.00	32.43 1.71 0.00	33.11 1.90 0.00	31.87 1.99 0.00	34.21 2.22 0.00	36.32 2.37 0.00	45.19 2.85 0.00	42.39 2.65 0.00	39.44 2.63 0.00	42.98 2.70 -5.84	40.59 2.74 0.00	33.41 2.17 0.00	28.48 1.75 0.00	27.19 1.71 0.00	30.44 1.67 0.00	26.45 1.40 0.00
DANC___LFGE 323619	27.83 -0.16 0.00	28.89 -0.19 0.00	27.70 -0.21 0.00	28.18 -0.22 0.00	25.04 -0.29 0.00	24.81 -0.31 0.00	28.54 -0.34 0.00	25.59 -0.30 0.00	27.30 -0.36 0.00	30.24 -0.48 0.00	30.53 -0.68 0.00	29.26 -0.61 0.00	31.07 -0.92 0.00	32.94 -1.01 0.00	40.88 -1.46 0.00	38.19 -1.56 0.00	35.48 -1.32 0.00	33.80 -1.31 -0.68	36.27 -1.58 0.00	29.89 -1.36 0.00	25.61 -1.12 0.00	24.54 -0.94 0.00	27.93 -0.83 0.00	24.25 -0.79 0.00
DANSKAMMER___1 23586	28.77 0.77 0.00	29.83 0.75 0.00	28.61 0.70 0.00	29.07 0.67 0.00	26.06 0.73 0.00	25.95 0.83 0.00	29.86 0.97 0.00	26.89 1.00 0.00	28.84 1.18 0.00	32.20 1.47 0.00	32.85 1.64 0.00	31.60 1.73 0.00	33.91 1.93 0.00	36.03 2.08 0.00	44.81 2.47 0.00	42.10 2.35 0.00	39.19 2.38 0.00	41.84 2.66 -4.75	40.48 2.63 0.00	33.33 2.08 0.00	28.38 1.65 0.00	26.95 1.47 0.00	30.20 1.43 0.00	26.15 1.10 0.00
DANSKAMMER___2 23589	28.77 0.77 0.00	29.83 0.75 0.00	28.61 0.70 0.00	29.07 0.67 0.00	26.06 0.73 0.00	25.95 0.83 0.00	29.86 0.97 0.00	26.89 1.00 0.00	28.84 1.18 0.00	32.20 1.47 0.00	32.85 1.64 0.00	31.60 1.73 0.00	33.91 1.93 0.00	36.03 2.08 0.00	44.81 2.47 0.00	42.10 2.35 0.00	39.19 2.38 0.00	41.84 2.66 -4.75	40.48 2.63 0.00	33.33 2.08 0.00	28.38 1.65 0.00	26.95 1.47 0.00	30.20 1.43 0.00	26.15 1.10 0.00
DANSKAMMER___3 23590	28.77 0.77 0.00	29.83 0.75 0.00	28.61 0.70 0.00	29.07 0.67 0.00	26.06 0.73 0.00	25.95 0.83 0.00	29.86 0.97 0.00	26.89 1.00 0.00	28.84 1.18 0.00	32.20 1.47 0.00	32.85 1.64 0.00	31.60 1.73 0.00	33.91 1.93 0.00	36.03 2.08 0.00	44.81 2.47 0.00	42.10 2.35 0.00	39.19 2.38 0.00	41.84 2.66 -4.75	40.48 2.63 0.00	33.33 2.08 0.00	28.38 1.65 0.00	26.95 1.47 0.00	30.20 1.43 0.00	26.15 1.10 0.00
DANSKAMMER___4 23591	28.77 0.77 0.00	29.83 0.75 0.00	28.61 0.70 0.00	29.07 0.67 0.00	26.06 0.73 0.00	25.95 0.83 0.00	29.86 0.97 0.00	26.89 1.00 0.00	28.84 1.18 0.00	32.20 1.47 0.00	32.85 1.64 0.00	31.60 1.73 0.00	33.91 1.93 0.00	36.03 2.08 0.00	44.81 2.47 0.00	42.10 2.35 0.00	39.19 2.38 0.00	41.84 2.66 -4.75	40.48 2.63 0.00	33.33 2.08 0.00	28.38 1.65 0.00	26.95 1.47 0.00	30.20 1.43 0.00	26.15 1.10 0.00
DANSKAMMER___DIESEL 23592	28.77 0.77 0.00	29.83 0.75 0.00	28.62 0.70 0.00	29.07 0.68 0.00	26.06 0.73 0.00	25.95 0.83 0.00	29.86 0.97 0.00	26.90 1.00 0.00	28.84 1.18 0.00	32.20 1.47 0.00	32.84 1.63 0.00	31.59 1.72 0.00	33.91 1.93 0.00	36.02 2.07 0.00	44.82 2.48 0.00	42.10 2.35 0.00	39.19 2.38 0.00	41.84 2.66 -4.75	40.48 2.63 0.00	33.32 2.08 0.00	28.37 1.64 0.00	26.95 1.48 0.00	30.20 1.43 0.00	26.15 1.10 0.00

EMPIRE_CC_2 323658	28.32 0.32 0.00	29.38 0.30 0.00	28.27 0.36 0.00	28.84 0.44 0.00	25.81 0.47 0.00	25.63 0.51 0.00	29.44 0.56 0.00	26.35 0.46 0.00	28.21 0.55 0.00	31.47 0.75 0.00	32.05 0.83 0.00	30.74 0.87 0.00	32.98 0.99 0.00	35.02 1.07 0.00	43.56 1.22 0.00	40.93 1.19 0.00	38.00 1.19 0.00	41.38 1.44 -5.50	39.28 1.43 0.00	32.37 1.12 0.00	27.63 0.90 0.00	26.25 0.78 0.00	29.44 0.66 0.00	25.64 0.60 0.00
ENORWICH_115KV_TB1 80156	29.78 1.78 0.00	30.86 1.78 0.00	29.36 1.44 0.00	29.52 1.13 0.00	26.25 0.92 0.00	26.05 0.94 0.00	29.97 1.09 0.00	26.94 1.05 0.00	29.13 1.46 0.00	32.41 1.68 0.00	33.28 2.07 0.00	31.88 2.01 0.00	34.01 2.03 0.00	35.87 1.92 0.00	44.53 2.20 0.00	41.57 1.83 0.00	38.92 2.12 0.00	38.76 2.39 -1.94	40.21 2.36 0.00	33.23 1.99 0.00	27.99 1.26 0.00	26.49 1.01 0.00	30.19 1.42 0.00	25.87 0.82 0.00
ERIE_ST__34_KV_TB1-2 80199	28.16 0.16 0.00	29.33 0.25 0.00	28.12 0.21 0.00	28.63 0.23 0.00	25.31 -0.02 0.00	25.24 0.12 0.00	29.00 0.12 0.00	25.63 -0.26 0.00	27.47 -0.20 0.00	30.51 -0.22 0.00	30.67 -0.54 0.00	29.19 -0.68 0.00	31.25 -0.73 0.00	33.27 -0.67 0.00	41.50 -0.83 0.00	39.31 -0.43 0.00	36.95 0.14 0.00	35.52 -0.19 -1.27	37.00 -0.84 0.00	30.54 -0.71 0.00	26.09 -0.64 0.00	24.71 -0.77 0.00	27.99 -0.78 0.00	24.45 -0.60 0.00
ERIE_WT_PWR 323693	23.20 -0.41 4.39	26.35 -0.34 2.38	25.27 -0.36 2.28	26.30 -0.36 1.74	23.20 -0.56 1.57	23.40 -0.43 1.28	27.83 -0.51 0.55	25.01 -0.79 0.09	26.52 -0.79 0.35	28.80 -0.85 1.08	28.83 -1.22 1.15	28.31 -1.26 0.30	30.26 -1.32 0.40	32.40 -1.28 0.27	40.62 -1.60 0.11	37.37 -1.21 1.16	33.25 -0.65 2.91	34.78 -0.92 -1.27	36.15 -1.70 0.00	28.78 -1.46 1.01	22.66 -1.32 2.75	23.84 -1.42 0.21	27.23 -1.54 0.00	23.83 -1.22 0.00
ESPRGFLD_115KV_TB1 80157	29.42 1.42 0.00	30.56 1.49 0.00	29.24 1.33 0.00	29.60 1.21 0.00	26.31 0.98 0.00	26.05 0.93 0.00	29.93 1.05 0.00	26.88 0.99 0.00	28.82 1.15 0.00	31.87 1.15 0.00	32.40 1.19 0.00	31.05 1.18 0.00	33.16 1.18 0.00	35.16 1.22 0.00	43.79 1.46 0.00	41.20 1.45 0.00	38.12 1.31 0.00	35.35 1.19 0.27	39.03 1.19 0.00	32.24 0.99 0.00	27.45 0.73 0.00	26.31 0.84 0.00	29.87 1.10 0.00	26.00 0.95 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.32 0.31 0.00	29.39 0.31 0.00	28.19 0.28 0.00	28.59 0.19 0.00	25.47 0.14 0.00	25.30 0.18 0.00	29.14 0.25 0.00	26.13 0.23 0.00	27.97 0.30 0.00	31.05 0.33 0.00	31.55 0.34 0.00	30.19 0.32 0.00	32.34 0.35 0.00	34.30 0.35 0.00	42.73 0.40 0.00	40.21 0.47 0.00	37.55 0.74 0.00	36.81 0.83 -1.54	38.49 0.64 0.00	31.69 0.44 0.00	26.97 0.24 0.00	25.62 0.14 0.00	28.95 0.18 0.00	25.11 0.06 0.00
ETNA_____115KV_TB2 80207	28.32 0.31 0.00	29.39 0.31 0.00	28.19 0.28 0.00	28.59 0.19 0.00	25.47 0.14 0.00	25.30 0.18 0.00	29.14 0.25 0.00	26.13 0.23 0.00	27.97 0.30 0.00	31.05 0.33 0.00	31.55 0.34 0.00	30.19 0.32 0.00	32.34 0.35 0.00	34.30 0.35 0.00	42.73 0.40 0.00	40.21 0.47 0.00	37.55 0.74 0.00	36.81 0.83 -1.54	38.49 0.64 0.00	31.69 0.44 0.00	26.97 0.24 0.00	25.62 0.14 0.00	28.95 0.18 0.00	25.11 0.06 0.00
EUCLID___115KV_TB2 356179	27.40 -0.60 0.00	28.48 -0.60 0.00	27.34 -0.57 0.00	27.79 -0.60 0.00	24.75 -0.58 0.00	24.55 -0.56 0.00	28.27 -0.62 0.00	25.30 -0.59 0.00	26.97 -0.70 0.00	29.89 -0.84 0.00	30.34 -0.87 0.00	29.05 -0.82 0.00	31.10 -0.88 0.00	33.04 -0.90 0.00	41.16 -1.18 0.00	38.73 -1.01 0.00	36.07 -0.73 0.00	34.71 -0.62 -0.89	36.97 -0.88 0.00	30.48 -0.77 0.00	26.02 -0.71 0.00	24.77 -0.71 0.00	28.05 -0.72 0.00	24.43 -0.62 0.00
E_CANADA_CAP_HY 24051	29.81 1.81 0.00	30.91 1.83 0.00	29.57 1.65 0.00	29.99 1.60 0.00	26.64 1.31 0.00	26.38 1.27 0.00	30.31 1.43 0.00	27.20 1.31 0.00	29.13 1.46 0.00	32.21 1.49 0.00	32.73 1.52 0.00	31.38 1.51 0.00	33.55 1.56 0.00	35.53 1.59 0.00	44.30 1.96 0.00	41.68 1.94 0.00	38.43 1.62 0.00	42.89 1.37 -7.08	39.29 1.45 0.00	32.48 1.23 0.00	27.67 0.94 0.00	26.65 1.18 0.00	30.30 1.53 0.00	26.43 1.38 0.00
E_CANADA_MHWK_HY 24050	27.50 -0.50 0.00	28.44 -0.64 0.00	27.33 -0.59 0.00	27.82 -0.58 0.00	24.90 -0.43 0.00	24.68 -0.44 0.00	28.44 -0.45 0.00	25.62 -0.27 0.00	27.53 -0.14 0.00	30.83 0.11 0.00	31.46 0.25 0.00	30.46 0.59 0.00	32.64 0.65 0.00	34.58 0.63 0.00	42.92 0.58 0.00	40.23 0.48 0.00	37.49 0.68 0.00	35.76 1.19 -0.13	39.00 1.15 0.00	32.08 0.83 0.00	27.21 0.48 0.00	25.85 0.37 0.00	29.02 0.25 0.00	25.03 -0.01 0.00
E_FISHKILL___LBMP 23776	28.49 0.48 0.00	29.53 0.45 0.00	28.33 0.41 0.00	28.80 0.40 0.00	25.81 0.48 0.00	25.71 0.60 0.00	29.57 0.68 0.00	26.62 0.73 0.00	28.53 0.87 0.00	31.85 1.12 0.00	32.47 1.26 0.00	31.24 1.37 0.00	33.53 1.54 0.00	35.61 1.67 0.00	44.29 1.95 0.00	41.61 1.87 0.00	38.71 1.90 0.00	41.45 2.21 -4.80	40.01 2.16 0.00	32.95 1.70 0.00	28.07 1.34 0.00	26.68 1.21 0.00	29.90 1.13 0.00	25.90 0.86 0.00
FALCON___SEABRD_CC1 323796	29.69 1.69 0.00	30.83 1.75 0.00	29.65 1.73 0.00	30.16 1.76 0.00	26.73 1.40 0.00	26.28 1.16 0.00	30.20 1.32 0.00	27.09 1.20 0.00	29.11 1.44 0.00	32.12 1.40 0.00	32.76 1.55 0.00	31.36 1.49 0.00	33.52 1.53 0.00	35.38 1.44 0.00	44.10 1.77 0.00	41.33 1.59 0.00	38.23 1.43 0.00	35.17 0.74 0.00	38.34 0.49 0.00	31.19 -0.06 0.00	26.50 -0.23 0.00	25.46 -0.01 0.00	29.08 0.31 0.00	25.72 0.67 0.00
FALCON___SEABRD_CC2 323797	29.69 1.69 0.00	30.83 1.75 0.00	29.65 1.73 0.00	30.16 1.76 0.00	26.73 1.40 0.00	26.28 1.16 0.00	30.20 1.32 0.00	27.09 1.20 0.00	29.11 1.44 0.00	32.12 1.40 0.00	32.76 1.55 0.00	31.36 1.49 0.00	33.52 1.53 0.00	35.38 1.44 0.00	44.10 1.77 0.00	41.33 1.59 0.00	38.23 1.43 0.00	35.17 0.74 0.00	38.34 0.49 0.00	31.19 -0.06 0.00	26.50 -0.23 0.00	25.46 -0.01 0.00	29.08 0.31 0.00	25.72 0.67 0.00
FAR ROCKAWAY___4 23548	29.34 1.34 0.00	30.34 1.27 0.00	28.95 1.04 0.00	29.38 0.98 0.00	26.41 1.08 0.00	26.41 1.29 0.00	30.29 1.40 0.00	27.40 1.51 0.00	29.48 1.82 0.00	36.68 2.34 -3.62	46.29 2.53 -12.55	41.27 2.59 -8.82	45.59 2.85 -10.76	77.10 3.05 -40.10	57.66 3.68 -11.64	43.26 3.52 0.00	55.98 3.40 -15.78	89.68 3.59 -51.66	53.09 3.44 -11.80	93.95 3.04 -59.66	45.20 2.47 -16.01	29.97 2.25 -2.25	30.99 2.22 0.00	32.23 1.66 -5.52
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.58 0.58 0.00	29.61 0.53 0.00	28.34 0.42 0.00	28.79 0.39 0.00	25.83 0.50 0.00	25.77 0.65 0.00	29.65 0.76 0.00	26.75 0.86 0.00	28.69 1.02 0.00	32.03 1.31 0.00	32.66 1.45 0.00	31.46 1.59 0.00	33.77 1.79 0.00	35.88 1.93 0.00	44.57 2.24 0.00	41.88 2.13 0.00	38.97 2.17 0.00	41.69 2.53 -4.72	40.32 2.47 0.00	33.22 1.97 0.00	28.29 1.56 0.00	26.90 1.42 0.00	30.11 1.34 0.00	26.04 0.99 0.00

GINNA____ 23603	24.60 -1.87 1.53	26.37 -1.88 0.83	25.30 -1.82 0.79	25.95 -1.84 0.61	23.04 -1.75 0.55	23.00 -1.68 0.45	26.80 -1.89 0.19	24.02 -1.84 0.03	25.63 -1.92 0.12	28.17 -2.17 0.38	28.40 -2.40 0.41	27.42 -2.35 0.11	29.34 -2.50 0.14	31.27 -2.59 0.10	39.08 -3.21 0.04	36.60 -2.74 0.40	33.59 -2.20 1.01	33.35 -2.15 -1.07	35.15 -2.70 0.00	28.60 -2.30 0.35	23.76 -2.01 0.96	23.41 -1.99 0.07	26.54 -2.24 0.00	23.16 -1.89 0.00
GLEN PARK____ 23778	28.31 0.31 0.00	29.35 0.27 0.00	28.12 0.20 0.00	28.61 0.21 0.00	25.42 0.09 0.00	25.20 0.08 0.00	29.02 0.13 0.00	26.04 0.15 0.00	27.83 0.16 0.00	30.83 0.11 0.00	31.08 -0.13 0.00	29.77 -0.10 0.00	31.50 -0.48 0.00	33.38 -0.56 0.00	41.38 -0.96 0.00	38.55 -1.19 0.00	35.84 -0.97 0.00	33.93 -1.06 -0.56	36.56 -1.28 0.00	30.12 -1.13 0.00	25.85 -0.88 0.00	24.79 -0.69 0.00	28.21 -0.55 0.00	24.45 -0.60 0.00
GLENDALÉ_27_KV_LOAD 356172	28.66 0.66 0.00	29.71 0.63 0.00	28.43 0.51 0.00	28.87 0.47 0.00	25.91 0.58 0.00	25.84 0.72 0.00	29.75 0.87 0.00	26.84 0.95 0.00	28.79 1.12 0.00	32.16 1.43 0.00	32.80 1.59 0.00	31.56 1.69 0.00	33.90 1.92 0.00	36.00 2.05 0.00	44.73 2.40 0.00	42.04 2.29 0.00	39.13 2.33 0.00	41.82 2.66 -4.72	40.49 2.64 0.00	33.36 2.11 0.00	28.40 1.68 0.00	27.00 1.52 0.00	30.22 1.45 0.00	26.11 1.07 0.00
GLENWOOD_IC_1_G5 23712	28.93 0.93 0.00	29.94 0.86 0.00	28.62 0.71 0.00	29.06 0.67 0.00	26.10 0.76 0.00	26.06 0.94 0.00	29.93 1.04 0.00	27.03 1.14 0.00	29.04 1.37 0.00	35.32 1.78 -2.82	42.91 1.93 -9.77	38.76 2.02 -6.87	42.60 2.24 -8.38	71.27 2.41 -34.91	55.16 2.87 -9.96	42.37 2.63 0.00	56.40 2.57 -17.03	92.88 2.87 -55.58	51.13 2.90 -10.39	84.00 2.34 -50.42	41.49 1.88 -12.88	29.40 1.78 -2.15	30.49 1.72 0.00	27.25 1.29 -0.91
GLENWOOD_IC_2_G1 23688	28.77 0.77 0.00	29.79 0.71 0.00	28.50 0.58 0.00	28.94 0.55 0.00	25.98 0.65 0.00	25.94 0.82 0.00	29.79 0.90 0.00	26.89 1.00 0.00	28.87 1.20 0.00	32.34 1.55 -0.06	33.15 1.73 -0.22	31.85 1.83 -0.15	34.20 2.03 -0.19	37.19 2.20 -1.05	45.21 2.58 -0.29	42.20 2.46 0.00	39.95 2.42 -0.72	44.05 2.74 -6.87	40.90 2.74 -0.32	34.86 2.20 -1.42	28.81 1.76 -0.32	27.14 1.59 -0.08	30.31 1.54 0.00	26.20 1.15 0.00
GLENWOOD_IC_3_G1 23689	28.77 0.77 0.00	29.79 0.71 0.00	28.50 0.58 0.00	28.94 0.55 0.00	25.98 0.65 0.00	25.94 0.82 0.00	29.79 0.90 0.00	26.89 1.00 0.00	28.87 1.20 0.00	32.34 1.55 -0.06	33.15 1.73 -0.22	31.85 1.83 -0.15	34.20 2.03 -0.19	37.19 2.20 -1.05	45.21 2.58 -0.29	42.20 2.46 0.00	39.95 2.42 -0.72	44.05 2.74 -6.87	40.90 2.74 -0.32	34.86 2.20 -1.42	28.81 1.76 -0.32	27.14 1.59 -0.08	30.31 1.54 0.00	26.20 1.15 0.00
GLENWOOD____4 23550	28.93 0.93 0.00	29.94 0.86 0.00	28.62 0.71 0.00	29.06 0.67 0.00	26.10 0.76 0.00	26.06 0.94 0.00	29.93 1.04 0.00	27.03 1.14 0.00	29.04 1.37 0.00	35.32 1.78 -2.82	42.91 1.93 -9.77	38.76 2.02 -6.87	42.60 2.24 -8.38	71.27 2.41 -34.91	55.16 2.87 -9.96	42.41 2.67 0.00	56.45 2.61 -17.03	92.93 2.92 -55.58	51.18 2.94 -10.39	84.03 2.37 -50.42	41.53 1.91 -12.88	29.40 1.78 -2.15	30.49 1.72 0.00	27.25 1.29 -0.91
GLENWOOD____5 23614	28.93 0.93 0.00	29.94 0.86 0.00	28.62 0.71 0.00	29.06 0.67 0.00	26.10 0.76 0.00	26.06 0.94 0.00	29.93 1.04 0.00	27.03 1.14 0.00	29.04 1.37 0.00	35.32 1.78 -2.82	42.91 1.93 -9.77	38.76 2.02 -6.87	42.60 2.24 -8.38	71.27 2.41 -34.91	55.16 2.87 -9.96	42.41 2.67 0.00	56.45 2.61 -17.03	92.93 2.92 -55.58	51.18 2.94 -10.39	84.03 2.37 -50.42	41.53 1.91 -12.88	29.40 1.78 -2.15	30.49 1.72 0.00	27.25 1.29 -0.91
GLOBAL GREEN_PORT_GT1 23814	30.28 2.28 0.00	31.25 2.17 0.00	29.76 1.85 0.00	30.19 1.80 0.00	27.18 1.85 0.00	27.26 2.14 0.00	31.18 2.29 0.00	28.29 2.40 0.00	30.62 2.95 0.00	38.49 3.78 -3.98	49.06 4.03 -13.81	43.58 4.02 -9.69	48.15 4.34 -11.83	77.40 4.70 -38.75	59.29 5.62 -11.34	45.15 5.41 0.00	52.30 5.21 -10.28	75.67 5.35 -35.89	54.69 5.61 -11.23	95.39 4.57 -59.57	47.39 3.67 -16.99	30.68 3.30 -1.91	32.08 3.31 0.00	27.19 2.54 0.40
GLOBE____DSASP 323697	26.52 -1.47 0.00	27.61 -1.47 0.00	26.49 -1.43 0.00	26.99 -1.41 0.00	23.84 -1.49 0.00	23.72 -1.40 0.00	27.24 -1.65 0.00	23.94 -1.95 0.00	25.68 -1.99 0.00	28.49 -2.23 0.00	28.56 -2.65 0.00	27.23 -2.63 0.00	29.13 -2.85 0.00	31.06 -2.88 0.00	38.71 -3.62 0.00	36.83 -2.91 0.00	34.75 -2.05 0.00	33.14 -2.51 -1.21	34.60 -3.25 0.00	28.60 -2.65 0.00	24.57 -2.16 0.00	23.24 -2.23 0.00	26.30 -2.47 0.00	23.10 -1.95 0.00
GOETHSLN____LBMP 323567	28.39 0.38 0.00	29.42 0.34 0.00	28.15 0.23 0.00	28.59 0.19 0.00	25.65 0.32 0.00	25.60 0.48 0.00	29.47 0.58 0.00	26.57 0.68 0.00	28.49 0.82 0.00	31.80 1.08 0.00	32.43 1.23 0.00	31.23 1.36 0.00	33.53 1.55 0.00	35.62 1.68 0.00	44.26 1.92 0.00	41.59 1.85 0.00	38.70 1.89 0.00	41.44 2.28 -4.72	40.06 2.21 0.00	33.00 1.75 0.00	28.09 1.36 0.00	26.70 1.23 0.00	29.92 1.15 0.00	25.87 0.82 0.00
GOLAH____69_KV_TB 1_2 80279	27.48 -0.52 0.00	28.63 -0.45 0.00	27.50 -0.41 0.00	27.97 -0.43 0.00	24.84 -0.50 0.00	24.75 -0.37 0.00	28.40 -0.48 0.00	25.18 -0.71 0.00	27.00 -0.67 0.00	29.95 -0.78 0.00	30.17 -1.04 0.00	28.77 -1.10 0.00	30.79 -1.20 0.00	32.78 -1.17 0.00	40.91 -1.42 0.00	38.78 -0.96 0.00	36.34 -0.47 0.00	34.95 -0.58 -1.09	36.80 -1.05 0.00	30.33 -0.91 0.00	25.91 -0.82 0.00	24.58 -0.89 0.00	27.80 -0.97 0.00	24.28 -0.77 0.00
GOODYEAR_LAKE_HYD 323669	28.82 0.82 0.00	29.96 0.88 0.00	28.72 0.81 0.00	29.10 0.70 0.00	25.93 0.60 0.00	25.69 0.58 0.00	29.55 0.66 0.00	26.55 0.65 0.00	28.48 0.81 0.00	31.62 0.90 0.00	32.19 0.99 0.00	30.91 1.04 0.00	33.06 1.07 0.00	35.09 1.14 0.00	43.67 1.34 0.00	41.04 1.30 0.00	38.12 1.31 0.00	37.48 1.38 -1.67	39.18 1.33 0.00	32.30 1.05 0.00	27.50 0.77 0.00	26.22 0.74 0.00	29.60 0.83 0.00	25.67 0.62 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.91 -0.09 0.00	28.98 -0.10 0.00	27.81 -0.10 0.00	28.22 -0.17 0.00	25.14 -0.19 0.00	24.99 -0.12 0.00	28.77 -0.11 0.00	25.77 -0.12 0.00	27.57 -0.10 0.00	30.60 -0.12 0.00	31.09 -0.12 0.00	29.77 -0.10 0.00	31.89 -0.09 0.00	33.88 -0.06 0.00	42.23 -0.11 0.00	39.72 -0.02 0.00	37.01 0.20 0.00	36.85 0.37 -2.04	37.88 0.04 0.00	31.24 -0.01 0.00	26.61 -0.12 0.00	25.30 -0.17 0.00	28.60 -0.17 0.00	24.81 -0.23 0.00
GOUDEY____7 23579	27.93 -0.07 0.00	29.00 -0.08 0.00	27.83 -0.09 0.00	28.24 -0.16 0.00	25.16 -0.17 0.00	25.01 -0.11 0.00	28.79 -0.10 0.00	25.79 -0.11 0.00	27.59 -0.07 0.00	30.63 -0.09 0.00	31.12 -0.09 0.00	29.80 -0.08 0.00	31.92 -0.06 0.00	33.91 -0.03 0.00	42.27 -0.07 0.00	39.76 0.02 0.00	37.05 0.24 0.00	36.88 0.40 -2.04	37.92 0.07 0.00	31.27 0.02 0.00	26.63 -0.10 0.00	25.33 -0.15 0.00	28.62 -0.15 0.00	24.84 -0.22 0.00

GOUDEY___8 23580	27.91 -0.09 0.00	28.98 -0.10 0.00	27.81 -0.10 0.00	28.22 -0.17 0.00	25.14 -0.19 0.00	24.99 -0.12 0.00	28.77 -0.11 0.00	25.77 -0.12 0.00	27.57 -0.10 0.00	30.60 -0.12 0.00	31.09 -0.12 0.00	29.77 -0.10 0.00	31.89 -0.09 0.00	33.88 -0.06 0.00	42.23 -0.11 0.00	39.72 -0.02 0.00	37.01 0.20 0.00	36.85 0.37 -2.04	37.88 0.04 0.00	31.24 -0.01 0.00	26.61 -0.12 0.00	25.30 -0.17 0.00	28.60 -0.17 0.00	24.81 -0.23 0.00
GOWANUS_GT1_1 24077	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.74 1.53 0.00	31.52 1.65 0.00	33.85 1.86 0.00	35.94 1.99 0.00	44.64 2.31 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.59 -4.72	40.43 2.58 0.00	33.29 2.04 0.00	28.35 1.63 0.00	26.94 1.47 0.00	30.17 1.40 0.00	26.10 1.05 0.00
GOWANUS_GT1_2 24078	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.74 1.53 0.00	31.52 1.65 0.00	33.85 1.86 0.00	35.94 1.99 0.00	44.64 2.31 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.59 -4.72	40.43 2.58 0.00	33.29 2.04 0.00	28.35 1.63 0.00	26.94 1.47 0.00	30.17 1.40 0.00	26.10 1.05 0.00
GOWANUS_GT1_3 24079	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.74 1.53 0.00	31.52 1.65 0.00	33.85 1.86 0.00	35.94 1.99 0.00	44.64 2.31 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.59 -4.72	40.43 2.58 0.00	33.29 2.04 0.00	28.35 1.63 0.00	26.94 1.47 0.00	30.17 1.40 0.00	26.10 1.05 0.00
GOWANUS_GT1_4 24080	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.74 1.53 0.00	31.52 1.65 0.00	33.85 1.86 0.00	35.94 1.99 0.00	44.64 2.31 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.59 -4.72	40.43 2.58 0.00	33.29 2.04 0.00	28.35 1.63 0.00	26.94 1.47 0.00	30.17 1.40 0.00	26.10 1.05 0.00
GOWANUS_GT1_5 24084	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.74 1.53 0.00	31.52 1.65 0.00	33.85 1.86 0.00	35.94 1.99 0.00	44.64 2.31 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.59 -4.72	40.43 2.58 0.00	33.29 2.04 0.00	28.35 1.63 0.00	26.94 1.47 0.00	30.17 1.40 0.00	26.10 1.05 0.00
GOWANUS_GT1_6 24111	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.74 1.53 0.00	31.52 1.65 0.00	33.85 1.86 0.00	35.94 1.99 0.00	44.64 2.31 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.59 -4.72	40.43 2.58 0.00	33.29 2.04 0.00	28.35 1.63 0.00	26.94 1.47 0.00	30.17 1.40 0.00	26.10 1.05 0.00
GOWANUS_GT1_7 24112	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.74 1.53 0.00	31.52 1.65 0.00	33.85 1.86 0.00	35.94 1.99 0.00	44.64 2.31 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.59 -4.72	40.43 2.58 0.00	33.29 2.04 0.00	28.35 1.63 0.00	26.94 1.47 0.00	30.17 1.40 0.00	26.10 1.05 0.00
GOWANUS_GT1_8 24113	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.74 1.53 0.00	31.52 1.65 0.00	33.85 1.86 0.00	35.94 1.99 0.00	44.64 2.31 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.59 -4.72	40.43 2.58 0.00	33.29 2.04 0.00	28.35 1.63 0.00	26.94 1.47 0.00	30.17 1.40 0.00	26.10 1.05 0.00
GOWANUS_GT2_1 24114	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
GOWANUS_GT2_2 24115	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
GOWANUS_GT2_3 24116	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
GOWANUS_GT2_4 24117	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
GOWANUS_GT2_5 24118	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
GOWANUS_GT2_6 24119	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00

GOWANUS_GT2_7 24120	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
GOWANUS_GT2_8 24121	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
GOWANUS_GT3_1 24122	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
GOWANUS_GT3_2 24123	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
GOWANUS_GT3_3 24124	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
GOWANUS_GT3_4 24125	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 																

GOWANUS_GT4_6 24135	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.74 1.53 0.00	31.52 1.65 0.00	33.85 1.86 0.00	35.94 1.99 0.00	44.64 2.31 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.59 -4.72	40.43 2.58 0.00	33.29 2.04 0.00	28.35 1.63 0.00	26.94 1.47 0.00	30.17 1.40 0.00	26.10 1.05 0.00
GOWANUS_GT4_7 24136	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.74 1.53 0.00	31.52 1.65 0.00	33.85 1.86 0.00	35.94 1.99 0.00	44.64 2.31 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.59 -4.72	40.43 2.58 0.00	33.29 2.04 0.00	28.35 1.63 0.00	26.94 1.47 0.00	30.17 1.40 0.00	26.10 1.05 0.00
GOWANUS_GT4_8 24137	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.74 1.53 0.00	31.52 1.65 0.00	33.85 1.86 0.00	35.94 1.99 0.00	44.64 2.31 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.59 -4.72	40.43 2.58 0.00	33.29 2.04 0.00	28.35 1.63 0.00	26.94 1.47 0.00	30.17 1.40 0.00	26.10 1.05 0.00
GREENBSH_115KV_TB3 55895	28.09 0.09 0.00	29.16 0.08 0.00	28.06 0.14 0.00	28.58 0.18 0.00	25.57 0.24 0.00	25.37 0.25 0.00	29.17 0.28 0.00	26.18 0.29 0.00	28.04 0.37 0.00	31.27 0.55 0.00	31.87 0.67 0.00	30.58 0.72 0.00	32.82 0.84 0.00	34.84 0.90 0.00	43.37 1.03 0.00	40.76 1.01 0.00	37.85 1.05 0.00	41.41 1.29 -5.69	39.10 1.26 0.00	32.20 0.95 0.00	27.46 0.73 0.00	26.09 0.61 0.00	29.25 0.48 0.00	25.43 0.38 0.00
GREENDGE_115KV_TB5 80291	27.96 -0.04 0.00	29.02 -0.06 0.00	27.82 -0.10 0.00	28.26 -0.14 0.00	25.06 -0.27 0.00	24.99 -0.12 0.00	28.75 -0.13 0.00	25.71 -0.19 0.00	27.48 -0.18 0.00	30.50 -0.23 0.00	30.81 -0.40 0.00	29.43 -0.44 0.00	31.54 -0.44 0.00	33.50 -0.44 0.00	41.57 -0.76 0.00	39.53 -0.21 0.00	37.01 0.20 0.00	35.95 0.11 -1.41	37.42 -0.43 0.00	30.94 -0.31 0.00	26.21 -0.51 0.00	24.84 -0.64 0.00	28.08 -0.69 0.00	24.40 -0.64 0.00
GREENIDGE___3 23582	27.96 -0.04 0.00	29.02 -0.06 0.00	27.82 -0.10 0.00	28.26 -0.14 0.00	25.06 -0.27 0.00	24.99 -0.12 0.00	28.75 -0.13 0.00	25.71 -0.19 0.00	27.48 -0.18 0.00	30.50 -0.23 0.00	30.81 -0.40 0.00	29.43 -0.44 0.00	31.54 -0.44 0.00	33.50 -0.44 0.00	41.57 -0.76 0.00	39.53 -0.21 0.00	37.01 0.20 0.00	35.95 0.11 -1.41	37.42 -0.43 0.00	30.94 -0.31 0.00	26.21 -0.51 0.00	24.84 -0.64 0.00	28.08 -0.69 0.00	24.40 -0.64 0.00
GREENIDGE___4 23583	28.73 -0.04 -0.77	29.45 -0.05 -0.42	28.22 -0.10 -0.40	28.56 -0.14 -0.31	25.34 -0.26 -0.28	25.22 -0.12 -0.23	28.85 -0.13 -0.10	25.72 -0.18 -0.02	27.55 -0.18 -0.06	30.70 -0.23 -0.20	31.00 -0.42 -0.21	29.47 -0.45 -0.05	31.61 -0.45 -0.07	33.54 -0.45 -0.05	41.61 -0.74 -0.02	39.73 -0.21 -0.20	37.52 0.20 -0.51	35.96 0.11 -1.41	37.42 -0.43 0.00	31.11 -0.31 -0.18	26.70 -0.52 -0.49	24.87 -0.64 -0.04	28.08 -0.69 0.00	24.41 -0.64 0.00
GREENLWN_69_KV_BK 3 55738	29.12 1.12 0.00	30.11 1.04 0.00	28.68 0.77 0.00	29.10 0.71 0.00	26.18 0.85 0.00	26.23 1.12 0.00	30.00 1.11 0.00	27.17 1.28 0.00	29.26 1.60 0.00	36.81 2.14 -3.94	47.22 2.33 -13.67	41.85 2.39 -9.59	46.31 2.62 -11.71	75.40 2.83 -38.62	57.03 3.40 -11.29	43.00 3.26 0.00	50.39 3.07 -10.51	74.37 3.37 -36.57	52.52 3.47 -11.20	93.34 2.83 -59.26	45.86 2.27 -16.86	29.46 2.07 -1.91	30.77 2.00 0.00	26.22 1.49 0.32
GREENWD_138_KV_38B11_REV_LBMP_J 345004	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.74 1.53 0.00	31.52 1.65 0.00	33.85 1.86 0.00	35.94 1.99 0.00	44.64 2.31 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.59 -4.72	40.43 2.58 0.00	33.29 2.04 0.00	28.35 1.63 0.00	26.94 1.47 0.00	30.17 1.40 0.00	26.10 1.05 0.00
GRISSOM___SOLAR 323813	30.68 2.68 0.00	31.77 2.69 0.00	30.42 2.51 0.00	30.92 2.52 0.00	27.53 2.20 0.00	27.33 2.21 0.00	31.49 2.61 0.00	28.34 2.45 0.00	30.44 2.78 0.00	33.89 3.17 0.00	34.46 3.25 0.00	33.02 3.15 0.00	35.32 3.34 0.00	37.36 3.41 0.00	46.73 4.39 0.00	44.12 4.37 0.00	41.02 4.22 0.00	45.09 4.00 -6.65	42.01 4.16 0.00	34.60 3.36 0.00	29.07 2.34 0.00	28.07 2.60 0.00	31.65 2.88 0.00	27.47 2.42 0.00
GROVEVILLE___HYD 323602	28.82 0.82 0.00	29.88 0.80 0.00	28.66 0.75 0.00	29.13 0.73 0.00	26.11 0.78 0.00	25.99 0.88 0.00	29.92 1.03 0.00	26.94 1.05 0.00	28.90 1.23 0.00	32.26 1.54 0.00	32.90 1.69 0.00	31.66 1.79 0.00	33.98 2.00 0.00	36.09 2.15 0.00	44.91 2.57 0.00	42.19 2.45 0.00	39.28 2.47 0.00	41.93 2.74 -4.76	40.57 2.72 0.00	33.39 2.15 0.00	28.44 1.71 0.00	27.01 1.53 0.00	30.26 1.49 0.00	26.20 1.15 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.72 -0.28 0.00	28.79 -0.28 0.00	27.64 -0.27 0.00	28.08 -0.32 0.00	25.02 -0.31 0.00	24.84 -0.28 0.00	28.59 -0.30 0.00	25.60 -0.29 0.00	27.31 -0.36 0.00	30.28 -0.45 0.00	30.72 -0.49 0.00	29.42 -0.44 0.00	31.53 -0.46 0.00	33.45 -0.49 0.00	41.68 -0.65 0.00	39.22 -0.52 0.00	36.57 -0.24 0.00	35.26 -0.15 -0.97	37.48 -0.37 0.00	30.87 -0.37 0.00	26.35 -0.38 0.00	25.07 -0.40 0.00	28.37 -0.40 0.00	24.69 -0.35 0.00
HAMLTNNY_34_KV_TB 80303	27.75 -0.25 0.00	28.82 -0.25 0.00	27.68 -0.23 0.00	28.09 -0.30 0.00	25.05 -0.28 0.00	24.86 -0.26 0.00	28.62 -0.27 0.00	25.63 -0.26 0.00	27.36 -0.31 0.00	30.34 -0.39 0.00	30.75 -0.46 0.00	29.47 -0.40 0.00	31.59 -0.40 0.00	33.49 -0.46 0.00	41.73 -0.61 0.00	39.28 -0.46 0.00	36.69 -0.12 0.00	35.38 -0.06 -1.01	37.57 -0.28 0.00	30.92 -0.32 0.00	26.39 -0.34 0.00	25.11 -0.36 0.00	28.39 -0.38 0.00	24.69 -0.36 0.00
HAMPSHIRE___PAPER_HYD 323593	28.42 0.42 0.00	29.48 0.40 0.00	28.25 0.34 0.00	28.75 0.36 0.00	25.57 0.24 0.00	25.26 0.15 0.00	28.99 0.11 0.00	26.00 0.11 0.00	27.79 0.12 0.00	30.82 0.10 0.00	31.24 0.03 0.00	29.77 -0.10 0.00	31.67 -0.32 0.00	33.58 -0.37 0.00	41.76 -0.57 0.00	38.90 -0.85 0.00	35.77 -1.04 0.00	33.44 -1.26 -0.28	36.52 -1.33 0.00	30.14 -1.11 0.00	26.04 -0.69 0.00	25.10 -0.38 0.00	28.57 -0.19 0.00	24.88 -0.17 0.00
HARDSCRABBLE_WT_PWR 323673	27.61 -0.39 0.00	28.53 -0.55 0.00	27.37 -0.54 0.00	27.85 -0.55 0.00	24.87 -0.46 0.00	24.61 -0.50 0.00	28.32 -0.57 0.00	25.51 -0.38 0.00	27.40 -0.27 0.00	30.58 -0.15 0.00	31.16 -0.05 0.00	30.15 0.28 0.00	32.26 0.27 0.00	34.16 0.21 0.00	42.34 0.01 0.00	39.70 -0.05 0.00	36.94 0.13 0.00	35.14 0.57 -0.13	38.38 0.53 0.00	31.62 0.37 0.00	26.90 0.17 0.00	25.61 0.14 0.00	28.91 0.14 0.00	25.02 -0.03 0.00

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.59 0.59 0.00	29.62 0.54 0.00	28.38 0.47 0.00	28.84 0.44 0.00	25.85 0.52 0.00	25.76 0.64 0.00	29.65 0.76 0.00	26.71 0.82 0.00	28.62 0.95 0.00	31.93 1.21 0.00	32.57 1.36 0.00	31.34 1.47 0.00	33.64 1.66 0.00	35.74 1.80 0.00	44.48 2.14 0.00	41.78 2.04 0.00	38.87 2.06 0.00	41.31 2.41 -4.47	40.20 2.35 0.00	33.09 1.84 0.00	28.16 1.43 0.00	26.76 1.29 0.00	30.02 1.25 0.00	25.99 0.95 0.00
HARSNRAD_115KV_TB1 81005	27.02 -0.97 0.00	28.22 -0.86 0.00	27.07 -0.85 0.00	27.60 -0.79 0.00	24.38 -0.95 0.00	24.27 -0.84 0.00	27.89 -1.00 0.00	24.37 -1.53 0.00	26.10 -1.57 0.00	28.95 -1.77 0.00	29.03 -2.18 0.00	27.68 -2.19 0.00	29.62 -2.37 0.00	31.57 -2.37 0.00	39.48 -2.85 0.00	37.59 -2.15 0.00	35.28 -1.52 0.00	33.86 -1.78 -1.20	35.36 -2.49 0.00	29.17 -2.08 0.00	24.95 -1.78 0.00	23.64 -1.83 0.00	26.75 -2.01 0.00	23.52 -1.53 0.00
HARZA MOOSE__RIVER 24016	28.50 0.50 0.00	29.57 0.48 0.00	28.36 0.45 0.00	28.84 0.44 0.00	25.67 0.34 0.00	25.45 0.33 0.00	29.29 0.41 0.00	26.28 0.39 0.00	28.07 0.40 0.00	31.13 0.40 0.00	31.46 0.25 0.00	30.09 0.22 0.00	32.02 0.03 0.00	34.05 0.10 0.00	42.22 -0.11 0.00	39.44 -0.30 0.00	36.63 -0.17 0.00	34.52 -0.26 -0.35	37.48 -0.37 0.00	30.91 -0.33 0.00	26.48 -0.24 0.00	25.35 -0.12 0.00	28.78 0.01 0.00	25.01 -0.04 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	27.52 -0.48 0.00	28.61 -0.47 0.00	27.45 -0.46 0.00	27.90 -0.49 0.00	24.85 -0.48 0.00	24.67 -0.45 0.00	28.39 -0.50 0.00	25.42 -0.47 0.00	27.11 -0.56 0.00	30.04 -0.69 0.00	30.49 -0.72 0.00	29.20 -0.67 0.00	31.27 -0.72 0.00	33.22 -0.72 0.00	41.39 -0.94 0.00	38.96 -0.78 0.00	36.28 -0.52 0.00	34.95 -0.40 -0.92	37.18 -0.67 0.00	30.64 -0.60 0.00	26.15 -0.58 0.00	24.89 -0.59 0.00	28.17 -0.60 0.00	24.54 -0.51 0.00
HELLGATE_13_KV_LD 55870	28.54 0.54 0.00	29.60 0.53 0.00	28.34 0.42 0.00	28.78 0.38 0.00	25.82 0.49 0.00	25.76 0.65 0.00	29.65 0.76 0.00	26.76 0.86 0.00	28.69 1.02 0.00	32.04 1.32 0.00	32.68 1.47 0.00	31.43 1.56 0.00	33.75 1.77 0.00	35.84 1.89 0.00	44.52 2.19 0.00	41.85 2.11 0.00	38.94 2.14 0.00	41.64 2.49 -4.72	40.31 2.46 0.00	33.20 1.95 0.00	28.27 1.55 0.00	26.87 1.40 0.00	30.07 1.30 0.00	26.01 0.96 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.54 0.54 0.00	29.60 0.53 0.00	28.34 0.42 0.00	28.78 0.38 0.00	25.82 0.49 0.00	25.76 0.65 0.00	29.65 0.76 0.00	26.76 0.86 0.00	28.69 1.02 0.00	32.04 1.32 0.00	32.68 1.47 0.00	31.43 1.56 0.00	33.75 1.77 0.00	35.84 1.89 0.00	44.52 2.19 0.00	41.85 2.11 0.00	38.94 2.14 0.00	41.64 2.49 -4.72	40.31 2.46 0.00	33.20 1.95 0.00	28.27 1.55 0.00	26.87 1.40 0.00	30.07 1.30 0.00	26.01 0.96 0.00
HEMPSTEAD____ 23647	28.92 0.91 0.00	29.91 0.83 0.00	28.54 0.63 0.00	28.98 0.59 0.00	26.05 0.72 0.00	26.04 0.93 0.00	29.86 0.98 0.00	27.01 1.12 0.00	29.05 1.38 0.00	35.77 1.82 -3.22	44.36 2.00 -11.15	39.78 2.08 -7.83	43.84 2.30 -9.55	72.68 2.47 -36.27	55.69 2.91 -10.45	42.55 2.80 0.00	54.28 2.68 -14.79	86.44 2.99 -49.01	51.58 3.04 -10.69	87.31 2.45 -53.60	43.01 1.99 -14.29	29.34 1.80 -2.07	30.52 1.75 0.00	27.51 1.28 -1.18
HEWLETT__69_KV_BK3 55828	29.22 1.22 0.00	30.21 1.14 0.00	28.83 0.92 0.00	29.27 0.87 0.00	26.30 0.97 0.00	26.30 1.18 0.00	30.17 1.28 0.00	27.30 1.41 0.00	29.35 1.69 0.00	36.53 2.19 -3.62	46.13 2.37 -12.55	41.12 2.43 -8.82	45.42 2.68 -10.76	76.92 2.87 -40.10	57.44 3.46 -11.64	43.06 3.32 0.00	55.77 3.18 -15.78	89.50 3.41 -51.66	53.02 3.37 -11.80	93.79 2.88 -59.66	45.07 2.33 -16.01	29.85 2.12 -2.25	30.86 2.09 0.00	32.12 1.56 -5.52
HICKLING__1 23621	27.87 -0.13 0.00	28.90 -0.18 0.00	27.72 -0.20 0.00	28.11 -0.28 0.00	24.92 -0.42 0.00	24.90 -0.22 0.00	28.64 -0.24 0.00	25.61 -0.28 0.00	27.38 -0.29 0.00	30.33 -0.39 0.00	30.68 -0.53 0.00	29.27 -0.61 0.00	31.38 -0.60 0.00	33.45 -0.50 0.00	41.83 -0.51 0.00	39.50 -0.24 0.00	36.89 0.09 0.00	36.27 0.12 -1.71	37.30 -0.55 0.00	30.68 -0.57 0.00	26.02 -0.70 0.00	24.67 -0.81 0.00	27.90 -0.87 0.00	24.21 -0.83 0.00
HICKLING__2 23622	27.87 -0.13 0.00	28.90 -0.18 0.00	27.72 -0.20 0.00	28.11 -0.28 0.00	24.92 -0.42 0.00	24.90 -0.22 0.00	28.64 -0.24 0.00	25.61 -0.28 0.00	27.38 -0.29 0.00	30.33 -0.39 0.00	30.68 -0.53 0.00	29.27 -0.61 0.00	31.38 -0.60 0.00	33.45 -0.50 0.00	41.83 -0.51 0.00	39.50 -0.24 0.00	36.89 0.09 0.00	36.27 0.12 -1.71	37.30 -0.55 0.00	30.68 -0.57 0.00	26.02 -0.70 0.00	24.67 -0.81 0.00	27.90 -0.87 0.00	24.21 -0.83 0.00
HIGH FALLS__HY 23754	28.75 0.75 0.00	29.80 0.71 0.00	28.57 0.65 0.00	29.00 0.61 0.00	26.00 0.67 0.00	25.89 0.77 0.00	29.80 0.92 0.00	26.88 0.99 0.00	28.84 1.18 0.00	32.20 1.47 0.00	32.85 1.65 0.00	31.60 1.73 0.00	33.92 1.94 0.00	36.02 2.07 0.00	44.83 2.49 0.00	42.13 2.39 0.00	39.22 2.42 0.00	41.89 2.69 -4.77	40.51 2.66 0.00	33.34 2.09 0.00	28.38 1.65 0.00	26.94 1.46 0.00	30.19 1.42 0.00	26.12 1.07 0.00
HILLBURN__GT 23639	28.49 0.49 0.00	29.52 0.44 0.00	28.28 0.36 0.00	28.71 0.32 0.00	25.75 0.42 0.00	25.68 0.57 0.00	29.56 0.67 0.00	26.63 0.74 0.00	28.52 0.85 0.00	31.82 1.09 0.00	32.46 1.25 0.00	31.24 1.37 0.00	33.53 1.55 0.00	35.63 1.69 0.00	44.31 1.98 0.00	41.62 1.88 0.00	38.70 1.90 0.00	41.24 2.29 -4.52	40.07 2.22 0.00	32.99 1.74 0.00	28.08 1.35 0.00	26.69 1.21 0.00	29.95 1.18 0.00	25.92 0.87 0.00
HILLSIDE_115KV_TB1 80332	27.44 -0.56 0.00	28.45 -0.63 0.00	27.31 -0.61 0.00	27.68 -0.71 0.00	24.60 -0.73 0.00	24.58 -0.54 0.00	28.31 -0.57 0.00	25.32 -0.58 0.00	27.06 -0.61 0.00	29.98 -0.74 0.00	30.38 -0.83 0.00	29.02 -0.85 0.00	31.08 -0.90 0.00	33.07 -0.87 0.00	41.31 -1.02 0.00	38.93 -0.82 0.00	36.36 -0.45 0.00	35.93 -0.27 -1.77	36.86 -0.99 0.00	30.40 -0.84 0.00	25.83 -0.90 0.00	24.57 -0.90 0.00	27.83 -0.94 0.00	24.12 -0.93 0.00
HISHELDN_WT_PWR 323625	25.07 -0.60 2.34	27.25 -0.57 1.27	26.11 -0.59 1.21	26.83 -0.64 0.93	23.65 -0.84 0.84	23.76 -0.67 0.68	27.75 -0.84 0.30	24.92 -0.93 0.05	26.48 -1.02 0.17	29.15 -1.03 0.54	29.22 -1.42 0.58	28.25 -1.47 0.15	30.31 -1.47 0.20	32.44 -1.37 0.13	40.52 -1.75 0.06	37.75 -1.38 0.62	34.25 -1.00 1.55	34.58 -1.19 -1.34	35.84 -2.00 0.00	28.82 -1.89 0.53	23.39 -1.88 1.46	23.36 -2.01 0.11	26.52 -2.25 0.00	23.22 -1.83 0.00
HOLTSVILLE_IC_1 23690	29.37 1.37 0.00	30.36 1.28 0.00	28.90 0.99 0.00	29.32 0.93 0.00	26.40 1.07 0.00	26.47 1.35 0.00	30.24 1.35 0.00	27.42 1.53 0.00	29.56 1.89 0.00	37.24 2.53 -3.98	47.80 2.76 -13.82	42.36 2.79 -9.70	46.84 3.03 -11.83	76.00 3.29 -38.76	57.54 3.87 -11.34	43.48 3.74 0.00	50.59 3.52 -10.26	74.07 3.79 -35.84	53.03 3.95 -11.23	94.07 3.24 -59.59	46.33 2.60 -17.00	29.73 2.35 -1.91	31.09 2.32 0.00	26.38 1.74 0.41

HOLTSVILLE_IC_10 23699	29.51 1.51 0.00	30.48 1.40 0.00	29.03 1.11 0.00	29.44 1.04 0.00	26.50 1.17 0.00	26.57 1.45 0.00	30.36 1.48 0.00	27.53 1.65 0.00	29.70 2.04 0.00	37.41 2.71 -3.97	47.95 2.96 -13.78	42.52 2.98 -9.67	47.01 3.23 -11.80	76.19 3.53 -38.72	57.82 4.16 -11.33	43.77 4.02 0.00	50.94 3.81 -10.33	74.54 4.06 -36.05	53.31 4.24 -11.23	94.22 3.47 -59.50	46.47 2.78 -16.96	29.89 2.51 -1.91	31.25 2.48 0.00	26.55 1.88 0.37
HOLTSVILLE_IC_2 23691	29.37 1.37 0.00	30.36 1.28 0.00	28.90 0.99 0.00	29.32 0.93 0.00	26.40 1.07 0.00	26.47 1.35 0.00	30.24 1.35 0.00	27.42 1.53 0.00	29.56 1.89 0.00	37.24 2.53 -3.98	47.80 2.76 -13.82	42.36 2.79 -9.70	46.84 3.03 -11.83	76.00 3.29 -38.76	57.54 3.87 -11.34	43.48 3.74 0.00	50.59 3.52 -10.26	74.07 3.79 -35.84	53.03 3.95 -11.23	94.07 3.24 -59.59	46.33 2.60 -17.00	29.73 2.35 -1.91	31.09 2.32 0.00	26.38 1.74 0.41
HOLTSVILLE_IC_3 23692	29.37 1.37 0.00	30.36 1.28 0.00	28.90 0.99 0.00	29.32 0.93 0.00	26.40 1.07 0.00	26.47 1.35 0.00	30.24 1.35 0.00	27.42 1.53 0.00	29.56 1.89 0.00	37.24 2.53 -3.98	47.80 2.76 -13.82	42.36 2.79 -9.70	46.84 3.03 -11.83	76.00 3.29 -38.76	57.54 3.87 -11.34	43.48 3.74 0.00	50.59 3.52 -10.26	74.07 3.79 -35.84	53.03 3.95 -11.23	94.07 3.24 -59.59	46.33 2.60 -17.00	29.73 2.35 -1.91	31.09 2.32 0.00	26.38 1.74 0.41
HOLTSVILLE_IC_4 23693	29.37 1.37 0.00	30.36 1.28 0.00	28.90 0.99 0.00	29.32 0.93 0.00	26.40 1.07 0.00	26.47 1.35 0.00	30.24 1.35 0.00	27.42 1.53 0.00	29.56 1.89 0.00	37.24 2.53 -3.98	47.80 2.76 -13.82	42.36 2.79 -9.70	46.84 3.03 -11.83	76.00 3.29 -38.76	57.54 3.87 -11.34	43.48 3.74 0.00	50.59 3.52 -10.26	74.07 3.79 -35.84	53.03 3.95 -11.23	94.07 3.24 -59.59	46.33 2.60 -17.00	29.73 2.35 -1.91	31.09 2.32 0.00	26.38 1.74 0.41
HOLTSVILLE_IC_5 23694	29.37 1.37 0.00	30.36 1.28 0.00	28.90 0.99 0.00	29.32 0.93 0.00	26.40 1.07 0.00	26.47 1.35 0.00	30.24 1.35 0.00	27.42 1.53 0.00	29.56 1.89 0.00	37.24 2.53 -3.98	47.80 2.76 -13.82	42.36 2.79 -9.70	46.84 3.03 -11.83	76.00 3.29 -38.76	57.54 3.87 -11.34	43.48 3.74 0.00	50.59 3.52 -10.26	74.07 3.79 -35.84	53.03 3.95 -11.23	94.07 3.24 -59.59	46.33 2.60 -17.00	29.73 2.35 -1.91	31.09 2.32 0.00	26.38 1.74 0.41
HOLTSVILLE_IC_6 23695	29.51 1.51 0.00	30.48 1.40 0.00	29.03 1.11 0.00	29.44 1.04 0.00	26.50 1.17 0.00	26.57 1.45 0.00	30.36 1.48 0.00	27.53 1.65 0.00	29.70 2.04 0.00	37.41 2.71 -3.97	47.95 2.96 -13.78	42.52 2.98 -9.67	47.01 3.23 -11.80	76.19 3.53 -38.72	57.82 4.16 -11.33	43.77 4.02 0.00	50.94 3.81 -10.33	74.54 4.06 -36.05	53.31 4.24 -11.23	94.22 3.47 -59.50	46.47 2.78 -16.96	29.89 2.51 -1.91	31.25 2.48 0.00	26.55 1.88 0.37
HOLTSVILLE_IC_7 23696	29.51 1.51 0.00	30.48 1.40 0.00	29.03 1.11 0.00	29.44 1.04 0.00	26.50 1.17 0.00	26.57 1.45 0.00	30.36 1.48 0.00	27.53 1.65 0.00	29.70 2.04 0.00	37.41 2.71 -3.97	47.95 2.96 -13.78	42.52 2.98 -9.67	47.01 3.23 -11.80	76.19 3.53 -38.72	57.82 4.16 -11.33	43.77 4.02 0.00	50.94 3.81 -10.33	74.54 4.06 -36.05	53.31 4.24 -11.23	94.22 3.47 -59.50	46.47 2.78 -16.96	29.89 2.51 -1.91	31.25 2.48 0.00	26.55 1.88 0.37
HOLTSVILLE_IC_8 23697	29.51 1.51 0.00	30.48 1.40 0.00	29.03 1.11 0.00	29.44 1.04 0.00	26.50 1.17 0.00	26.57 1.45 0.00	30.36 1.48 0.00	27.53 1.65 0.00	29.70 2.04 0.00	37.41 2.71 -3.97	47.95 2.96 -13.78	42.52 2.98 -9.67	47.01 3.23 -11.80	76.19 3.53 -38.72	57.82 4.16 -11.33	43.77 4.02 0.00	50.94 3.81 -10.33	74.54 4.06 -36.05	53.31 4.24 -11.23	94.22 3.47 -59.50	46.47 2.78 -16.96	29.89 2.51 -1.91	31.25 2.48 0.00	26.55 1.88 0.37
HOLTSVILLE_IC_9 23698	29.51 1.51 0.00	30.48 1.40 0.00	29.03 1.11 0.00	29.44 1.04 0.00	26.50 1.17 0.00	26.57 1.45 0.00	30.36 1.48 0.00	27.53 1.65 0.00	29.70 2.04 0.00	37.41 2.71 -3.97	47.95 2.96 -13.78	42.52 2.98 -9.67	47.01 3.23 -11.80	76.19 3.53 -38.72	57.82 4.16 -11.33	43.77 4.02 0.00	50.94 3.81 -10.33	74.54 4.06 -36.05	53.31 4.24 -11.23	94.22 3.47 -59.50	46.47 2.78 -16.96	29.89 2.51 -1.91	31.25 2.48 0.00	26.55 1.88 0.37
HOMER_HL_115KV_TB2 355744	28.49 0.49 0.00	29.65 0.57 0.00	28.42 0.51 0.00	28.88 0.49 0.00	25.62 0.30 0.00	25.65 0.53 0.00	29.51 0.62 0.00	26.14 0.25 0.00	28.07 0.40 0.00	31.11 0.38 0.00	31.24 0.03 0.00	29.54 -0.33 0.00	31.59 -0.39 0.00	33.57 -0.38 0.00	42.00 -0.34 0.00	39.66 -0.08 0.00	37.27 0.46 0.00	36.10 0.33 -1.33	37.52 -0.33 0.00	30.98 -0.27 0.00	26.44 -0.29 0.00	25.14 -0.34 0.00	28.73 -0.04 0.00	24.97 -0.08 0.00
HOWARD_WT_PWR 323690	29.08 0.07 -1.01	29.61 -0.01 -0.55	28.21 -0.22 -0.52	28.50 -0.30 -0.40	24.92 -0.77 -0.36	24.95 -0.46 -0.29	28.20 -0.81 -0.13	25.18 -0.73 -0.02	26.99 -0.76 -0.09	30.03 -0.96 -0.26	29.79 -1.70 -0.28	28.03 -1.92 -0.07	30.24 -1.84 -0.10	32.88 -1.14 -0.07	41.45 -0.91 -0.03	39.50 -0.50 -0.27	37.20 -0.27 -0.67	35.06 -0.87 -1.49	36.15 -1.70 0.00	29.52 -1.96 -0.23	25.16 -2.20 -0.63	23.02 -2.51 -0.05	25.81 -2.96 0.00	22.54 -2.51 0.00
HQ_GEN_CEDARS 23644	28.89 0.89 0.00	29.99 0.91 0.00	28.73 0.82 0.00	29.26 0.86 0.00	26.04 0.71 0.00	25.76 0.64 0.00	29.58 0.70 0.00	26.50 0.61 0.00	28.35 0.69 0.00	31.49 0.76 0.00	31.96 0.75 0.00	30.32 0.45 0.00	32.43 0.45 0.00	34.31 0.37 0.00	42.93 0.59 0.00	40.38 0.64 0.00	36.88 0.08 0.00	34.14 -0.29 0.00	37.77 -0.08 0.00	31.23 -0.02 0.00	27.04 0.31 0.00	25.94 0.47 0.00	29.39 0.62 0.00	25.64 0.59 0.00
HQ_GEN_CEDARS_PROXY 323590	28.89 0.89 0.00	29.99 0.91 0.00	28.73 0.82 0.00	29.26 0.86 0.00	26.04 0.71 0.00	25.76 0.64 0.00	29.58 0.70 0.00	26.50 0.61 0.00	28.35 0.69 0.00	31.49 0.76 0.00	31.96 0.75 0.00	30.32 0.45 0.00	32.43 0.45 0.00	34.32 0.37 0.00	42.93 0.59 0.00	40.38 0.64 0.00	36.88 0.08 0.00	34.14 -0.29 0.00	37.77 -0.08 0.00	31.23 -0.02 0.00	27.04 0.31 0.00	25.94 0.47 0.00	29.39 0.62 0.00	25.64 0.59 0.00
HQ_GEN_IMPORT 323601	28.34 0.33 0.00	29.42 0.34 0.00	28.21 0.30 0.00	28.71 0.31 0.00	25.59 0.26 0.00	25.35 0.23 0.00	29.15 0.27 0.00	26.12 0.23 0.00	27.93 0.26 0.00	31.00 0.28 0.00	31.46 0.25 0.00	30.04 0.17 0.00	32.13 0.15 0.00	34.07 0.12 0.00	42.59 0.25 0.00	39.94 0.19 0.00	36.79 -0.01 0.00	34.18 -0.25 0.00	37.95 -0.05 -0.15	31.27 0.02 0.00	26.82 0.09 0.00	25.62 0.15 0.00	28.97 0.20 0.00	25.26 0.21 0.00
HQ_GEN_WHEEL 23651	28.34 0.33 0.00	29.42 0.34 0.00	28.21 0.30 0.00	28.71 0.31 0.00	25.59 0.26 0.00	25.35 0.23 0.00	29.15 0.27 0.00	26.12 0.23 0.00	27.93 0.26 0.00	31.00 0.28 0.00	31.46 0.25 0.00	30.04 0.17 0.00	32.13 0.15 0.00	34.07 0.12 0.00	42.59 0.25 0.00	39.94 0.19 0.00	36.79 -0.01 0.00	34.18 -0.25 0.00	37.95 -0.05 -0.15	31.27 0.02 0.00	26.82 0.09 0.00	25.62 0.15 0.00	28.97 0.20 0.00	25.26 0.21 0.00

HUDSON AVE_GT_3 23810	28.57 0.56 0.00	29.57 0.49 0.00	28.34 0.43 0.00	28.81 0.41 0.00	25.83 0.50 0.00	25.78 0.66 0.00	29.67 0.78 0.00	26.76 0.87 0.00	28.70 1.03 0.00	32.05 1.33 0.00	32.69 1.48 0.00	31.48 1.61 0.00	33.80 1.82 0.00	35.90 1.96 0.00	44.60 2.26 0.00	41.91 2.17 0.00	39.01 2.20 0.00	41.72 2.56 -4.72	40.36 2.51 0.00	33.25 2.00 0.00	28.31 1.59 0.00	26.92 1.44 0.00	30.12 1.35 0.00	26.03 0.98 0.00
HUDSON AVE_GT_4 23540	28.57 0.56 0.00	29.57 0.49 0.00	28.34 0.43 0.00	28.81 0.41 0.00	25.83 0.50 0.00	25.78 0.66 0.00	29.67 0.78 0.00	26.76 0.87 0.00	28.70 1.03 0.00	32.05 1.33 0.00	32.69 1.48 0.00	31.48 1.61 0.00	33.80 1.82 0.00	35.90 1.96 0.00	44.60 2.26 0.00	41.91 2.17 0.00	39.01 2.20 0.00	41.72 2.56 -4.72	40.36 2.51 0.00	33.25 2.00 0.00	28.31 1.59 0.00	26.92 1.44 0.00	30.12 1.35 0.00	26.03 0.98 0.00
HUDSON AVE_GT_5 23657	28.57 0.56 0.00	29.57 0.49 0.00	28.34 0.43 0.00	28.81 0.41 0.00	25.83 0.50 0.00	25.78 0.66 0.00	29.67 0.78 0.00	26.76 0.87 0.00	28.70 1.03 0.00	32.05 1.33 0.00	32.69 1.48 0.00	31.48 1.61 0.00	33.80 1.82 0.00	35.90 1.96 0.00	44.60 2.26 0.00	41.91 2.17 0.00	39.01 2.20 0.00	41.72 2.56 -4.72	40.36 2.51 0.00	33.25 2.00 0.00	28.31 1.59 0.00	26.92 1.44 0.00	30.12 1.35 0.00	26.03 0.98 0.00
HUDSON_AVE_10 24168	28.46 0.46 0.00	29.51 0.43 0.00	28.23 0.31 0.00	28.67 0.27 0.00	25.71 0.38 0.00	25.65 0.54 0.00	29.54 0.65 0.00	26.64 0.75 0.00	28.58 0.91 0.00	31.91 1.19 0.00	32.55 1.34 0.00	31.34 1.47 0.00	33.65 1.67 0.00	35.75 1.80 0.00	44.41 2.07 0.00	41.72 1.97 0.00	38.84 2.03 0.00	41.56 2.41 -4.72	40.18 2.33 0.00	33.11 1.86 0.00	28.20 1.47 0.00	26.80 1.33 0.00	30.01 1.24 0.00	25.96 0.91 0.00
HUDSON___115KV_TB 4 355613	28.75 0.75 0.00	29.83 0.75 0.00	28.70 0.79 0.00	29.23 0.84 0.00	26.13 0.80 0.00	25.92 0.80 0.00	29.83 0.94 0.00	26.79 0.89 0.00	28.75 1.08 0.00	32.09 1.37 0.00	32.74 1.53 0.00	31.39 1.52 0.00	33.67 1.69 0.00	35.72 1.78 0.00	44.43 2.10 0.00	41.82 2.08 0.00	38.94 2.13 0.00	42.30 2.30 -5.57	40.20 2.36 0.00	33.06 1.82 0.00	28.17 1.44 0.00	26.73 1.25 0.00	29.93 1.16 0.00	25.99 0.94 0.00
HUNTER MOUNT___DRP 323613	29.01 1.01 0.00	30.09 1.02 0.00	28.97 1.05 0.00	29.52 1.12 0.00	26.37 1.04 0.00	26.14 1.03 0.00	30.09 1.21 0.00	27.01 1.12 0.00	29.02 1.35 0.00	32.41 1.69 0.00	33.07 1.86 0.00	31.69 1.82 0.00	33.99 2.00 0.00	36.03 2.09 0.00	44.82 2.48 0.00	42.20 2.46 0.00	39.33 2.52 0.00	42.51 2.63 -5.44	40.57 2.72 0.00	33.35 2.10 0.00	28.41 1.68 0.00	26.95 1.47 0.00	30.16 1.39 0.00	26.20 1.15 0.00
HUNTINGTON_RES_REC 323705	29.34 1.34 0.00	30.31 1.23 0.00	28.87 0.95 0.00	29.27 0.87 0.00	26.34 1.01 0.00	26.42 1.30 0.00	30.18 1.30 0.00	27.37 1.48 0.00	29.52 1.85 0.00	37.17 2.49 -3.96	47.69 2.74 -13.74	42.28 2.78 -9.64	46.77 3.02 -11.76	75.92 3.29 -38.68	57.54 3.89 -11.31	43.50 3.76 0.00	50.78 3.57 -10.40	74.53 3.85 -36.25	53.06 4.00 -11.22	93.92 3.28 -59.40	46.27 2.62 -16.92	29.74 2.36 -1.91	31.08 2.31 0.00	26.41 1.72 0.35
HUNTLEY___63 23557	27.27 -0.73 0.00	28.43 -0.65 0.00	27.26 -0.65 0.00	27.77 -0.62 0.00	24.54 -0.79 0.00	24.43 -0.68 0.00	28.08 -0.81 0.00	24.68 -1.21 0.00	26.46 -1.21 0.00	29.38 -1.34 0.00	29.48 -1.73 0.00	28.10 -1.77 0.00	30.08 -1.90 0.00	32.07 -1.87 0.00	39.98 -2.35 0.00	38.00 -1.74 0.00	35.76 -1.05 0.00	34.25 -1.41 -1.23	35.72 -2.12 0.00	29.49 -1.76 0.00	25.23 -1.50 0.00	23.89 -1.59 0.00	27.03 -1.74 0.00	23.70 -1.34 0.00
HUNTLEY___64 23558	27.27 -0.73 0.00	28.43 -0.65 0.00	27.26 -0.65 0.00	27.77 -0.62 0.00	24.54 -0.79 0.00	24.43 -0.68 0.00	28.08 -0.81 0.00	24.68 -1.21 0.00	26.46 -1.21 0.00	29.38 -1.34 0.00	29.48 -1.73 0.00	28.10 -1.77 0.00	30.08 -1.90 0.00	32.07 -1.87 0.00	39.98 -2.35 0.00	38.00 -1.74 0.00	35.76 -1.05 0.00	34.25 -1.41 -1.23	35.72 -2.12 0.00	29.49 -1.76 0.00	25.23 -1.50 0.00	23.89 -1.59 0.00	27.03 -1.74 0.00	23.70 -1.34 0.00
HUNTLEY___65 23559	27.27 -0.73 0.00	28.43 -0.65 0.00	27.26 -0.65 0.00	27.77 -0.62 0.00	24.54 -0.79 0.00	24.43 -0.68 0.00	28.08 -0.81 0.00	24.68 -1.21 0.00	26.46 -1.21 0.00	29.38 -1.34 0.00	29.48 -1.73 0.00	28.10 -1.77 0.00	30.08 -1.90 0.00	32.07 -1.87 0.00	39.98 -2.35 0.00	38.00 -1.74 0.00	35.76 -1.05 0.00	34.25 -1.41 -1.23	35.72 -2.12 0.00	29.49 -1.76 0.00	25.23 -1.50 0.00	23.89 -1.59 0.00	27.03 -1.74 0.00	23.70 -1.34 0.00
HUNTLEY___66 23560	27.27 -0.73 0.00	28.43 -0.65 0.00	27.26 -0.65 0.00	27.77 -0.62 0.00	24.54 -0.79 0.00	24.43 -0.68 0.00	28.08 -0.81 0.00	24.68 -1.21 0.00	26.46 -1.21 0.00	29.38 -1.34 0.00	29.48 -1.73 0.00	28.10 -1.77 0.00	30.08 -1.90 0.00	32.07 -1.87 0.00	39.98 -2.35 0.00	38.00 -1.74 0.00	35.76 -1.05 0.00	34.25 -1.41 -1.23	35.72 -2.12 0.00	29.49 -1.76 0.00	25.23 -1.50 0.00	23.89 -1.59 0.00	27.03 -1.74 0.00	23.70 -1.34 0.00
HUNTLEY___67 23561	27.09 -0.91 0.00	28.25 -0.83 0.00	27.09 -0.82 0.00	27.60 -0.79 0.00	24.39 -0.94 0.00	24.28 -0.84 0.00	27.90 -0.98 0.00	24.60 -1.29 0.00	26.37 -1.30 0.00	29.28 -1.44 0.00	29.39 -1.82 0.00	28.02 -1.85 0.00	30.00 -1.99 0.00	31.96 -1.98 0.00	39.84 -2.50 0.00	37.78 -1.97 0.00	35.44 -1.37 0.00	34.05 -1.62 -1.24	35.50 -2.35 0.00	29.28 -1.97 0.00	25.04 -1.69 0.00	23.73 -1.75 0.00	26.88 -1.90 0.00	23.55 -1.50 0.00
HUNTLEY___68 23562	27.09 -0.91 0.00	28.25 -0.83 0.00	27.09 -0.82 0.00	27.60 -0.79 0.00	24.39 -0.94 0.00	24.28 -0.84 0.00	27.90 -0.98 0.00	24.60 -1.29 0.00	26.37 -1.30 0.00	29.28 -1.44 0.00	29.39 -1.82 0.00	28.02 -1.85 0.00	30.00 -1.99 0.00	31.96 -1.98 0.00	39.84 -2.50 0.00	37.78 -1.97 0.00	35.44 -1.37 0.00	34.05 -1.62 -1.24	35.50 -2.35 0.00	29.28 -1.97 0.00	25.04 -1.69 0.00	23.73 -1.75 0.00	26.88 -1.90 0.00	23.55 -1.50 0.00
HYLAND___LFGE 323620	28.67 0.67 0.00	29.74 0.66 0.00	28.46 0.55 0.00	28.94 0.54 0.00	25.55 0.22 0.00	25.50 0.38 0.00	29.34 0.46 0.00	26.22 0.33 0.00	28.15 0.48 0.00	31.20 0.48 0.00	31.06 -0.15 0.00	28.96 -0.91 0.00	30.92 -1.06 0.00	33.58 -0.37 0.00	42.16 -0.17 0.00	39.85 0.11 0.00	37.88 1.07 0.00	36.69 0.94 -1.32	38.35 0.50 0.00	31.36 0.11 0.00	26.64 -0.09 0.00	25.09 -0.38 0.00	28.26 -0.51 0.00	24.60 -0.45 0.00
INDECK___CORINTH 23802	29.08 1.08 0.00	30.11 1.04 0.00	28.97 1.06 0.00	29.50 1.11 0.00	26.43 1.10 0.00	26.27 1.15 0.00	30.24 1.35 0.00	27.07 1.18 0.00	29.09 1.42 0.00	32.41 1.69 0.00	33.13 1.91 0.00	31.99 2.12 0.00	34.35 2.36 0.00	36.47 2.52 0.00	45.37 3.04 0.00	42.44 2.70 0.00	39.51 2.71 0.00	43.03 2.72 -5.87	40.58 2.73 0.00	33.42 2.18 0.00	28.49 1.76 0.00	27.36 1.89 0.00	30.63 1.86 0.00	26.67 1.62 0.00

INDECK___ILION 23567	27.86 -0.14 0.00	28.88 -0.20 0.00	27.73 -0.18 0.00	28.21 -0.18 0.00	25.21 -0.12 0.00	25.00 -0.12 0.00	28.77 -0.12 0.00	25.85 -0.04 0.00	27.69 0.02 0.00	30.86 0.14 0.00	31.42 0.21 0.00	30.23 0.36 0.00	32.38 0.40 0.00	34.34 0.40 0.00	42.72 0.39 0.00	40.06 0.32 0.00	37.22 0.40 0.00	35.22 0.65 -0.13	38.47 0.62 0.00	31.70 0.46 0.00	27.02 0.29 0.00	25.71 0.23 0.00	28.96 0.19 0.00	25.10 0.05 0.00
INDECK___OLEAN 23982	21.94 0.49 6.55	26.10 0.57 3.55	25.03 0.51 3.40	26.29 0.48 2.60	23.28 0.30 2.34	23.75 0.54 1.91	28.68 0.62 0.83	26.00 0.25 0.13	27.54 0.40 0.53	29.48 0.38 1.62	29.47 -0.02 1.73	29.04 -0.37 0.45	30.97 -0.41 0.61	33.15 -0.39 0.40	41.83 -0.33 0.17	37.91 -0.10 1.73	32.92 0.46 4.34	36.11 0.34 -1.33	37.52 -0.33 0.00	29.46 -0.29 1.50	22.34 -0.29 4.10	24.83 -0.33 0.31	28.73 -0.04 0.00	24.97 -0.08 0.00
INDECK___OSWEGO 23783	27.28 -0.72 0.00	28.35 -0.73 0.00	27.21 -0.70 0.00	27.66 -0.73 0.00	24.65 -0.68 0.00	24.43 -0.69 0.00	28.11 -0.77 0.00	25.17 -0.71 0.00	26.83 -0.84 0.00	29.70 -1.02 0.00	30.14 -1.07 0.00	28.87 -1.00 0.00	30.90 -1.08 0.00	32.81 -1.14 0.00	40.85 -1.49 0.00	38.38 -1.37 0.00	35.75 -1.06 0.00	34.34 -0.93 -0.83	36.66 -1.19 0.00	30.22 -1.03 0.00	25.81 -0.92 0.00	24.59 -0.88 0.00	27.87 -0.90 0.00	24.29 -0.76 0.00
INDECK___YERKES 23781	23.39 -0.70 3.91	26.33 -0.63 2.12	25.25 -0.63 2.03	26.25 -0.60 1.55	23.17 -0.76 1.40	23.32 -0.66 1.14	27.60 -0.79 0.49	24.62 -1.19 0.08	26.17 -1.19 0.32	28.42 -1.33 0.97	28.41 -1.76 1.04	27.81 -1.79 0.27	29.72 -1.89 0.37	31.83 -1.87 0.24	39.94 -2.30 0.10	36.99 -1.72 1.03	33.21 -1.00 2.59	34.28 -1.38 -1.23	35.76 -2.09 0.00	28.59 -1.76 0.90	22.80 -1.48 2.45	23.73 -1.56 0.19	27.06 -1.71 0.00	23.73 -1.32 0.00
INDIAN POINT_GT_1 24139	28.50 0.50 0.00	29.53 0.45 0.00	28.30 0.38 0.00	28.74 0.35 0.00	25.78 0.45 0.00	25.70 0.58 0.00	29.57 0.68 0.00	26.64 0.75 0.00	28.55 0.88 0.00	31.87 1.14 0.00	32.49 1.28 0.00	31.28 1.41 0.00	33.58 1.60 0.00	35.67 1.73 0.00	44.36 2.03 0.00	41.67 1.92 0.00	38.76 1.95 0.00	41.42 2.31 -4.68	40.09 2.24 0.00	33.02 1.77 0.00	28.12 1.39 0.00	26.73 1.25 0.00	29.96 1.19 0.00	25.94 0.89 0.00
INDIAN POINT_GT_2 23659	28.50 0.50 0.00	29.53 0.45 0.00	28.30 0.38 0.00	28.74 0.35 0.00	25.78 0.45 0.00	25.70 0.58 0.00	29.57 0.68 0.00	26.64 0.75 0.00	28.55 0.88 0.00	31.87 1.14 0.00	32.49 1.28 0.00	31.28 1.41 0.00	33.58 1.60 0.00	35.67 1.73 0.00	44.36 2.03 0.00	41.67 1.92 0.00	38.76 1.95 0.00	41.42 2.31 -4.68	40.09 2.24 0.00	33.02 1.77 0.00	28.12 1.39 0.00	26.73 1.25 0.00	29.96 1.19 0.00	25.94 0.89 0.00
INDIAN POINT_GT_3 24019	28.50 0.50 0.00	29.53 0.45 0.00	28.30 0.38 0.00	28.74 0.35 0.00	25.78 0.45 0.00	25.70 0.58 0.00	29.57 0.68 0.00	26.64 0.75 0.00	28.55 0.88 0.00	31.87 1.14 0.00	32.49 1.28 0.00	31.28 1.41 0.00	33.58 1.60 0.00	35.67 1.73 0.00	44.36 2.03 0.00	41.67 1.92 0.00	38.76 1.95 0.00	41.42 2.31 -4.68	40.09 2.24 0.00	33.02 1.77 0.00	28.12 1.39 0.00	26.73 1.25 0.00	29.96 1.19 0.00	25.94 0.89 0.00
INDIAN POINT___2 23530	28.47 0.47 0.00	29.50 0.43 0.00	28.26 0.35 0.00	28.70 0.31 0.00	25.75 0.42 0.00	25.67 0.55 0.00	29.54 0.65 0.00	26.61 0.72 0.00	28.51 0.84 0.00	31.81 1.09 0.00	32.46 1.25 0.00	31.24 1.37 0.00	33.53 1.54 0.00	35.62 1.68 0.00	44.29 1.95 0.00	41.60 1.86 0.00	38.69 1.88 0.00	41.30 2.24 -4.62	40.02 2.18 0.00	32.97 1.72 0.00	28.07 1.34 0.00	26.68 1.20 0.00	29.92 1.15 0.00	25.90 0.85 0.00
INDIAN POINT___3 23531	28.48 0.48 0.00	29.52 0.44 0.00	28.29 0.37 0.00	28.73 0.33 0.00	25.78 0.45 0.00	25.69 0.57 0.00	29.56 0.67 0.00	26.62 0.74 0.00	28.53 0.87 0.00	31.84 1.11 0.00	32.47 1.26 0.00	31.25 1.38 0.00	33.55 1.56 0.00	35.64 1.69 0.00	44.32 1.99 0.00	41.63 1.89 0.00	38.72 1.91 0.00	41.38 2.27 -4.68	40.05 2.20 0.00	32.99 1.74 0.00	28.09 1.36 0.00	26.70 1.23 0.00	29.94 1.17 0.00	25.92 0.87 0.00
INGHAM_C_115KV_TB7 356103	27.50 -0.50 0.00	28.44 -0.64 0.00	27.33 -0.59 0.00	27.82 -0.58 0.00	24.90 -0.43 0.00	24.68 -0.43 0.00	28.44 -0.45 0.00	25.62 -0.27 0.00	27.53 -0.14 0.00	30.83 0.11 0.00	31.46 0.25 0.00	30.46 0.59 0.00	32.64 0.65 0.00	34.58 0.63 0.00	42.92 0.58 0.00	40.22 0.48 0.00	37.49 0.68 0.00	35.76 1.19 -0.13	39.00 1.15 0.00	32.08 0.83 0.00	27.21 0.48 0.00	25.85 0.37 0.00	29.02 0.25 0.00	25.03 -0.01 0.00
IP CORINTH___1 23988	29.08 1.08 0.00	30.11 1.03 0.00	28.97 1.06 0.00	29.50 1.11 0.00	26.43 1.10 0.00	26.26 1.15 0.00	30.24 1.35 0.00	27.07 1.18 0.00	29.09 1.42 0.00	32.42 1.69 0.00	33.12 1.91 0.00	31.98 2.12 0.00	34.35 2.36 0.00	36.47 2.52 0.00	45.37 3.04 0.00	42.44 2.70 0.00	39.51 2.71 0.00	43.03 2.72 -5.87	40.58 2.73 0.00	33.42 2.17 0.00	28.48 1.75 0.00	27.36 1.89 0.00	30.62 1.85 0.00	26.67 1.62 0.00
IP___TICONDEROGA 23804	30.20 2.20 0.00	31.14 2.06 0.00	30.03 2.11 0.00	30.58 2.19 0.00	27.44 2.11 0.00	27.34 2.23 0.00	31.57 2.68 0.00	28.29 2.40 0.00	30.56 2.89 0.00	33.90 3.18 0.00	34.74 3.53 0.00	33.55 3.68 0.00	36.16 4.18 0.00	38.39 4.44 0.00	47.59 5.25 0.00	44.42 4.68 0.00	41.45 4.65 0.00	44.61 4.30 -5.87	42.09 4.24 0.00	34.74 3.49 0.00	29.60 2.87 0.00	28.35 2.88 0.00	31.55 2.78 0.00	27.31 2.26 0.00
ISLIP_RES_REC 323679	29.60 1.60 0.00	30.58 1.50 0.00	29.11 1.20 0.00	29.52 1.13 0.00	26.58 1.25 0.00	26.66 1.54 0.00	30.45 1.57 0.00	27.63 1.74 0.00	29.81 2.14 0.00	37.53 2.84 -3.97	48.07 3.10 -13.76	42.63 3.11 -9.65	47.13 3.37 -11.78	76.33 3.68 -38.70	58.01 4.36 -11.32	43.94 4.20 0.00	51.18 3.99 -10.38	74.85 4.25 -36.17	53.52 4.45 -11.22	94.32 3.64 -59.44	46.58 2.91 -16.94	30.00 2.62 -1.91	31.37 2.60 0.00	26.66 1.96 0.35
JAMAICA__27_KV_LOAD 355505	28.54 0.54 0.00	29.60 0.53 0.00	28.33 0.42 0.00	28.77 0.37 0.00	25.80 0.47 0.00	25.74 0.62 0.00	29.64 0.75 0.00	26.74 0.85 0.00	28.69 1.03 0.00	32.06 1.33 0.00	32.70 1.49 0.00	31.49 1.63 0.00	33.82 1.84 0.00	35.93 1.98 0.00	44.60 2.27 0.00	41.91 2.16 0.00	39.03 2.23 0.00	41.76 2.61 -4.72	40.38 2.53 0.00	33.26 2.01 0.00	28.36 1.63 0.00	26.95 1.48 0.00	30.15 1.38 0.00	26.06 1.01 0.00
JANIS___SOLAR 323808	30.10 1.06 -1.04	30.70 1.06 -0.56	29.34 0.89 -0.54	29.51 0.70 -0.41	26.26 0.56 -0.37	26.02 0.60 -0.30	29.74 0.73 -0.13	26.60 0.69 -0.02	28.68 0.92 -0.08	32.04 1.06 -0.26	32.71 1.22 -0.28	31.08 1.14 -0.07	33.24 1.15 -0.10	35.11 1.10 -0.06	43.66 1.30 -0.03	41.22 1.20 -0.27	39.01 1.51 -0.69	37.87 1.67 -1.76	39.40 1.55 0.00	32.72 1.24 -0.24	28.16 0.79 -0.65	26.12 0.60 -0.05	29.57 0.80 0.00	25.51 0.46 0.00

JARVIS____ 23743	27.98 -0.02 0.00	29.05 -0.03 0.00	27.89 -0.03 0.00	28.37 -0.03 0.00	25.31 -0.02 0.00	25.10 -0.02 0.00	28.87 -0.01 0.00	25.89 0.00 0.00	27.67 0.00 0.00	30.74 0.02 0.00	31.24 0.03 0.00	29.93 0.06 0.00	32.05 0.07 0.00	34.02 0.07 0.00	42.37 0.03 0.00	39.74 0.00 0.00	36.85 0.04 0.00	34.67 0.11 -0.13	37.92 0.07 0.00	31.31 0.06 0.00	26.76 0.03 0.00	25.48 0.01 0.00	28.79 0.02 0.00	25.04 -0.01 0.00
JENNISON____1 23625	29.03 1.03 0.00	30.11 1.04 0.00	28.56 0.64 0.00	28.53 0.14 0.00	25.42 0.09 0.00	25.27 0.15 0.00	28.99 0.10 0.00	26.02 0.13 0.00	28.17 0.50 0.00	31.27 0.55 0.00	32.32 1.11 0.00	31.19 1.32 0.00	33.24 1.25 0.00	35.11 1.16 0.00	43.51 1.17 0.00	40.42 0.68 0.00	37.65 0.84 0.00	37.64 1.08 -2.12	38.86 1.02 0.00	32.35 1.11 0.00	27.27 0.54 0.00	25.91 0.43 0.00	29.57 0.80 0.00	25.15 0.10 0.00
JENNISON____2 23626	29.03 1.03 0.00	30.11 1.04 0.00	28.56 0.64 0.00	28.53 0.14 0.00	25.42 0.09 0.00	25.27 0.15 0.00	28.99 0.10 0.00	26.02 0.13 0.00	28.17 0.50 0.00	31.27 0.55 0.00	32.32 1.11 0.00	31.19 1.32 0.00	33.24 1.25 0.00	35.11 1.16 0.00	43.51 1.17 0.00	40.42 0.68 0.00	37.65 0.84 0.00	37.64 1.08 -2.12	38.86 1.02 0.00	32.35 1.11 0.00	27.27 0.54 0.00	25.91 0.43 0.00	29.57 0.80 0.00	25.15 0.10 0.00
JERICHO_RISE_WT_PWR 323719	29.31 1.31 0.00	30.42 1.34 0.00	29.21 1.30 0.00	29.72 1.32 0.00	26.40 1.06 0.00	26.03 0.91 0.00	29.94 1.05 0.00	26.84 0.95 0.00	28.81 1.14 0.00	31.88 1.16 0.00	32.45 1.24 0.00	31.02 1.15 0.00	33.17 1.18 0.00	35.04 1.09 0.00	43.70 1.36 0.00	40.94 1.20 0.00	37.77 0.96 0.00	34.76 0.33 0.00	38.02 0.17 0.00	30.97 -0.28 0.00	26.40 -0.33 0.00	25.33 -0.15 0.00	28.84 0.07 0.00	25.46 0.41 0.00
KATONAH____115KV_46KV_TB4 355592	28.71 0.71 0.00	29.75 0.67 0.00	28.51 0.60 0.00	28.98 0.58 0.00	25.98 0.65 0.00	25.89 0.78 0.00	29.79 0.90 0.00	26.84 0.95 0.00	28.79 1.12 0.00	32.15 1.43 0.00	32.79 1.58 0.00	31.56 1.69 0.00	33.88 1.90 0.00	36.00 2.05 0.00	44.76 2.42 0.00	42.06 2.31 0.00	39.15 2.34 0.00	41.86 2.65 -4.78	40.47 2.62 0.00	33.33 2.09 0.00	28.39 1.66 0.00	26.96 1.48 0.00	30.19 1.42 0.00	26.12 1.07 0.00
KCE_NY_1 323755	29.06 1.07 0.00	30.13 1.06 0.00	28.98 1.06 0.00	29.52 1.12 0.00	26.41 1.08 0.00	26.25 1.13 0.00	30.24 1.36 0.00	27.09 1.20 0.00	29.06 1.40 0.00	32.39 1.67 0.00	33.03 1.82 0.00	31.73 1.86 0.00	34.05 2.06 0.00	36.17 2.23 0.00	45.07 2.74 0.00	42.26 2.52 0.00	39.33 2.53 0.00	42.89 2.60 -5.86	40.49 2.64 0.00	33.35 2.11 0.00	28.42 1.70 0.00	27.09 1.61 0.00	30.39 1.62 0.00	26.39 1.34 0.00
KCE_NY_6_ESR 323823	23.20 -0.41 4.39	26.35 -0.34 2.38	25.27 -0.36 2.28	26.30 -0.36 1.74	23.20 -0.56 1.57	23.40 -0.43 1.28	27.83 -0.51 0.55	25.01 -0.79 0.09	26.52 -0.79 0.35	28.80 -0.85 1.08	28.83 -1.22 1.15	28.31 -1.26 0.30	30.26 -1.32 0.40	32.40 -1.28 0.27	40.62 -1.60 0.11	37.37 -1.21 1.16	33.25 -0.65 2.91	34.78 -0.92 -1.27	36.15 -1.70 0.00	28.78 -1.46 1.01	22.66 -1.32 2.75	23.84 -1.42 0.21	27.23 -1.54 0.00	23.83 -1.22 0.00
KEDC_PORT_JEFF_GT2 24210	29.47 1.47 0.00	30.45 1.37 0.00	28.99 1.08 0.00	29.40 1.00 0.00	26.46 1.13 0.00	26.54 1.42 0.00	30.32 1.44 0.00	27.50 1.61 0.00	29.66 2.00 0.00	37.36 2.66 -3.98	47.91 2.91 -13.79	42.48 2.93 -9.68	46.97 3.18 -11.81	76.14 3.46 -38.73	57.75 4.09 -11.33	43.69 3.95 0.00	50.87 3.75 -10.31	74.42 4.00 -35.99	53.26 4.18 -11.23	94.19 3.42 -59.52	46.45 2.75 -16.98	29.85 2.47 -1.91	31.21 2.44 0.00	26.50 1.83 0.38
KEDC_PORT_JEFF_GT3 24211	29.47 1.47 0.00	30.45 1.37 0.00	28.99 1.08 0.00	29.40 1.00 0.00	26.46 1.13 0.00	26.54 1.42 0.00	30.32 1.44 0.00	27.50 1.61 0.00	29.66 2.00 0.00	37.36 2.66 -3.98	47.91 2.91 -13.79	42.48 2.93 -9.68	46.97 3.18 -11.81	76.14 3.46 -38.73	57.75 4.09 -11.33	43.69 3.95 0.00	50.87 3.75 -10.31	74.42 4.00 -35.99	53.26 4.18 -11.23	94.19 3.42 -59.52	46.45 2.75 -16.98	29.85 2.47 -1.91	31.21 2.44 0.00	26.50 1.83 0.38
KEDC_GLWD_GT4 24219	28.93 0.92 0.00	29.94 0.86 0.00	28.62 0.71 0.00	29.06 0.67 0.00	26.09 0.76 0.00	26.06 0.94 0.00	29.92 1.04 0.00	27.03 1.14 0.00	29.04 1.37 0.00	35.32 1.78 -2.82	42.93 1.95 -9.77	38.77 2.04 -6.87	42.61 2.25 -8.38	71.29 2.44 -34.91	55.16 2.87 -9.96	42.38 2.63 0.00	56.40 2.56 -17.03	92.88 2.87 -55.58	51.13 2.90 -10.39	84.00 2.34 -50.42	41.50 1.89 -12.88	29.39 1.77 -2.15	30.49 1.72 0.00	27.24 1.29 -0.91
KEDC_GLWD_GT5 24220	28.93 0.92 0.00	29.94 0.86 0.00	28.62 0.71 0.00	29.06 0.67 0.00	26.09 0.76 0.00	26.06 0.94 0.00	29.92 1.04 0.00	27.03 1.14 0.00	29.04 1.37 0.00	35.32 1.78 -2.82	42.93 1.95 -9.77	38.77 2.04 -6.87	42.61 2.25 -8.38	71.29 2.44 -34.91	55.16 2.87 -9.96	42.38 2.63 0.00	56.40 2.56 -17.03	92.88 2.87 -55.58	51.13 2.90 -10.39	84.00 2.34 -50.42	41.50 1.89 -12.88	29.39 1.77 -2.15	30.49 1.72 0.00	27.24 1.29 -0.91
KENSICO____ 23655	28.56 0.56 0.00	29.60 0.52 0.00	28.36 0.44 0.00	28.81 0.42 0.00	25.83 0.51 0.00	25.76 0.65 0.00	29.64 0.75 0.00	26.70 0.81 0.00	28.63 0.96 0.00	31.96 1.24 0.00	32.59 1.38 0.00	31.38 1.51 0.00	33.68 1.70 0.00	35.78 1.84 0.00	44.49 2.15 0.00	41.79 2.05 0.00	38.88 2.07 0.00	41.56 2.41 -4.71	40.21 2.36 0.00	33.12 1.88 0.00	28.21 1.48 0.00	26.80 1.33 0.00	30.04 1.27 0.00	26.00 0.95 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.78 0.78 0.00	29.84 0.76 0.00	28.61 0.70 0.00	29.06 0.66 0.00	26.04 0.71 0.00	25.93 0.81 0.00	29.85 0.97 0.00	26.92 1.03 0.00	28.88 1.21 0.00	32.25 1.52 0.00	32.90 1.69 0.00	31.64 1.77 0.00	33.97 1.99 0.00	36.07 2.12 0.00	44.89 2.55 0.00	42.19 2.44 0.00	39.28 2.48 0.00	41.71 2.75 -4.53	40.57 2.72 0.00	33.38 2.14 0.00	28.42 1.69 0.00	26.97 1.50 0.00	30.22 1.46 0.00	26.15 1.10 0.00
KIAC_JFK_GT1 23816	28.45 0.45 0.00	29.51 0.44 0.00	28.25 0.33 0.00	28.68 0.29 0.00	25.72 0.39 0.00	25.67 0.55 0.00	29.55 0.66 0.00	26.65 0.76 0.00	28.61 0.94 0.00	31.95 1.23 0.00	32.58 1.37 0.00	31.39 1.51 0.00	33.71 1.72 0.00	35.81 1.86 0.00	44.45 2.12 0.00	41.75 2.01 0.00	38.90 2.09 0.00	41.63 2.48 -4.72	40.24 2.39 0.00	33.16 1.91 0.00	28.26 1.53 0.00	26.86 1.38 0.00	30.04 1.27 0.00	25.98 0.93 0.00
KIAC_JFK_GT2 23817	28.45 0.45 0.00	29.51 0.44 0.00	28.25 0.33 0.00	28.68 0.29 0.00	25.72 0.39 0.00	25.67 0.55 0.00	29.55 0.66 0.00	26.65 0.76 0.00	28.61 0.94 0.00	31.95 1.23 0.00	32.58 1.37 0.00	31.39 1.51 0.00	33.71 1.72 0.00	35.81 1.86 0.00	44.45 2.12 0.00	41.75 2.01 0.00	38.90 2.09 0.00	41.63 2.48 -4.72	40.24 2.39 0.00	33.16 1.91 0.00	28.26 1.53 0.00	26.86 1.38 0.00	30.04 1.27 0.00	25.98 0.93 0.00

KIAC_JFK____ 323774	28.45 0.45 0.00	29.51 0.43 0.00	28.25 0.33 0.00	28.68 0.29 0.00	25.72 0.39 0.00	25.66 0.55 0.00	29.55 0.66 0.00	26.65 0.76 0.00	28.61 0.94 0.00	31.95 1.23 0.00	32.61 1.40 0.00	31.40 1.53 0.00	33.71 1.73 0.00	35.82 1.87 0.00	44.45 2.11 0.00	41.76 2.02 0.00	38.90 2.09 0.00	41.63 2.48 -4.72	40.24 2.39 0.00	33.16 1.92 0.00	28.27 1.54 0.00	26.85 1.38 0.00	30.04 1.27 0.00	25.98 0.93 0.00
KINTIGH____ 23543	26.74 -1.26 0.00	27.89 -1.19 0.00	26.76 -1.15 0.00	27.27 -1.13 0.00	24.13 -1.20 0.00	24.02 -1.10 0.00	27.62 -1.26 0.00	24.42 -1.48 0.00	26.17 -1.50 0.00	29.01 -1.71 0.00	29.15 -2.06 0.00	27.80 -2.07 0.00	29.75 -2.24 0.00	31.67 -2.28 0.00	39.50 -2.83 0.00	37.44 -2.30 0.00	35.07 -1.74 0.00	33.73 -1.85 -1.15	35.36 -2.49 0.00	29.18 -2.07 0.00	24.95 -1.78 0.00	23.71 -1.77 0.00	26.87 -1.90 0.00	23.52 -1.53 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	29.72 1.71 0.00	30.84 1.76 0.00	29.63 1.72 0.00	30.15 1.75 0.00	26.74 1.41 0.00	26.31 1.20 0.00	30.29 1.41 0.00	27.17 1.28 0.00	29.22 1.55 0.00	32.28 1.55 0.00	32.90 1.70 0.00	31.49 1.62 0.00	33.68 1.69 0.00	35.53 1.58 0.00	44.31 1.98 0.00	41.54 1.80 0.00	38.44 1.63 0.00	35.38 0.94 0.00	38.59 0.74 0.00	31.39 0.14 0.00	26.67 -0.06 0.00	25.60 0.12 0.00	29.17 0.40 0.00	25.75 0.70 0.00
LACHUTE____HYDRO 323717	30.21 2.20 0.00	31.13 2.06 0.00	30.03 2.11 0.00	30.58 2.19 0.00	27.44 2.11 0.00	27.34 2.23 0.00	31.57 2.68 0.00	28.29 2.40 0.00	30.56 2.89 0.00	33.90 3.18 0.00	34.75 3.54 0.00	33.55 3.68 0.00	36.16 4.18 0.00	38.39 4.44 0.00	47.58 5.25 0.00	44.42 4.68 0.00	41.45 4.65 0.00	44.60 4.30 -5.87	42.09 4.24 0.00	34.75 3.50 0.00	29.61 2.88 0.00	28.35 2.87 0.00	31.55 2.78 0.00	27.31 2.26 0.00
LAWRNCALV_115KV_TB1 80681	28.87 0.88 0.00	29.96 0.88 0.00	28.70 0.79 0.00	29.22 0.83 0.00	26.00 0.66 0.00	25.65 0.53 0.00	29.38 0.49 0.00	26.33 0.44 0.00	28.18 0.51 0.00	31.31 0.58 0.00	31.88 0.67 0.00	30.26 0.39 0.00	32.34 0.36 0.00	34.20 0.25 0.00	42.75 0.42 0.00	39.95 0.20 0.00	36.44 -0.36 0.00	33.83 -0.74 -0.13	37.26 -0.59 0.00	30.78 -0.47 0.00	26.69 -0.04 0.00	25.75 0.27 0.00	29.26 0.49 0.00	25.52 0.47 0.00
LEDERLE____ 23769	28.57 0.57 0.00	29.61 0.53 0.00	28.36 0.44 0.00	28.80 0.41 0.00	25.83 0.50 0.00	25.76 0.64 0.00	29.64 0.76 0.00	26.71 0.82 0.00	28.61 0.94 0.00	31.92 1.20 0.00	32.55 1.34 0.00	31.33 1.46 0.00	33.63 1.65 0.00	35.73 1.79 0.00	44.45 2.12 0.00	41.74 2.00 0.00	38.83 2.02 0.00	41.40 2.40 -4.57	40.20 2.35 0.00	33.10 1.85 0.00	28.17 1.44 0.00	26.78 1.30 0.00	30.04 1.27 0.00	26.00 0.95 0.00
LIGHTHSE_115KV_TB6 355974	27.61 -0.39 0.00	28.67 -0.41 0.00	27.51 -0.41 0.00	27.98 -0.42 0.00	24.87 -0.46 0.00	24.63 -0.49 0.00	28.35 -0.54 0.00	25.40 -0.49 0.00	27.10 -0.57 0.00	30.05 -0.67 0.00	30.43 -0.78 0.00	29.18 -0.70 0.00	31.10 -0.88 0.00	33.01 -0.94 0.00	40.99 -1.35 0.00	38.43 -1.31 0.00	35.73 -1.08 0.00	34.20 -0.99 -0.76	36.59 -1.26 0.00	30.16 -1.09 0.00	25.79 -0.94 0.00	24.64 -0.83 0.00	27.99 -0.78 0.00	24.34 -0.71 0.00
LINDEN COGEN____ 23786	28.38 0.38 0.00	29.40 0.32 0.00	28.14 0.22 0.00	28.58 0.19 0.00	25.63 0.30 0.00	25.58 0.46 0.00	29.46 0.57 0.00	26.57 0.67 0.00	28.47 0.81 0.00	31.78 1.06 0.00	32.43 1.22 0.00	31.23 1.36 0.00	33.52 1.53 0.00	35.61 1.67 0.00	44.23 1.90 0.00	41.57 1.83 0.00	38.68 1.87 0.00	41.42 2.27 -4.72	40.02 2.18 0.00	32.98 1.73 0.00	28.08 1.35 0.00	26.68 1.21 0.00	29.90 1.13 0.00	25.85 0.80 0.00
LINDHRST_69_KV_BK1 356055	29.40 1.40 0.00	30.39 1.31 0.00	28.96 1.04 0.00	29.38 0.98 0.00	26.43 1.10 0.00	26.46 1.35 0.00	30.28 1.40 0.00	27.44 1.55 0.00	29.56 1.90 0.00	36.95 2.48 -3.75	46.87 2.65 -13.01	41.77 2.71 -9.19	46.15 2.97 -11.20	75.01 3.21 -37.86	57.18 3.84 -11.01	43.42 3.68 0.00	51.68 3.50 -11.37	77.23 3.75 -39.05	52.76 3.92 -11.00	92.09 3.20 -57.66	45.46 2.58 -16.15	29.76 2.36 -1.93	31.10 2.33 0.00	26.95 1.74 -0.16
LIPA_MISC_IPP 23656	29.46 1.46 0.00	30.44 1.36 0.00	28.98 1.07 0.00	29.40 1.00 0.00	26.46 1.13 0.00	26.54 1.42 0.00	30.32 1.44 0.00	27.50 1.61 0.00	29.67 2.01 0.00	37.37 2.66 -3.98	47.85 2.82 -13.82	42.43 2.87 -9.69	46.95 3.14 -11.83	76.10 3.40 -38.75	57.77 4.09 -11.34	43.67 3.93 0.00	50.82 3.74 -10.27	74.29 3.99 -35.87	53.24 4.16 -11.23	94.20 3.38 -59.57	46.44 2.72 -17.00	29.85 2.47 -1.91	31.20 2.43 0.00	26.48 1.84 0.40
LISF____SOLAR 323691	29.50 1.50 0.00	30.48 1.40 0.00	29.02 1.10 0.00	29.43 1.04 0.00	26.50 1.17 0.00	26.57 1.45 0.00	30.36 1.48 0.00	27.53 1.65 0.00	29.72 2.05 0.00	37.44 2.73 -3.98	47.98 2.97 -13.81	42.54 2.99 -9.69	47.04 3.24 -11.82	76.22 3.53 -38.74	57.83 4.16 -11.33	43.77 4.03 0.00	50.92 3.82 -10.29	74.41 4.07 -35.91	53.33 4.25 -11.23	94.28 3.47 -59.56	46.50 2.78 -16.99	29.88 2.50 -1.91	31.25 2.49 0.00	26.53 1.87 0.40
LITTLE FALLS____HYD 24013	27.50 -0.50 0.00	28.44 -0.64 0.00	27.33 -0.59 0.00	27.82 -0.58 0.00	24.90 -0.43 0.00	24.68 -0.43 0.00	28.44 -0.45 0.00	25.62 -0.27 0.00	27.53 -0.14 0.00	30.83 0.11 0.00	31.46 0.25 0.00	30.46 0.59 0.00	32.64 0.65 0.00	34.58 0.63 0.00	42.92 0.58 0.00	40.22 0.48 0.00	37.49 0.68 0.00	35.76 1.19 -0.13	39.00 1.15 0.00	32.08 0.83 0.00	27.21 0.48 0.00	25.85 0.37 0.00	29.02 0.25 0.00	25.03 -0.01 0.00
LITTLRIV_115KV_TB1 356100	29.21 1.20 0.00	30.30 1.22 0.00	29.01 1.10 0.00	29.54 1.15 0.00	26.28 0.95 0.00	25.94 0.82 0.00	29.74 0.85 0.00	26.67 0.78 0.00	28.57 0.90 0.00	31.76 1.03 0.00	32.34 1.13 0.00	30.71 0.84 0.00	32.82 0.83 0.00	34.72 0.78 0.00	43.41 1.07 0.00	40.57 0.83 0.00	37.05 0.24 0.00	34.39 -0.19 -0.14	37.86 0.01 0.00	31.27 0.03 0.00	27.10 0.37 0.00	26.11 0.64 0.00	29.64 0.87 0.00	25.84 0.79 0.00
LI_NEWBRDGE____DRP 323616	28.92 0.92 0.00	29.91 0.83 0.00	28.53 0.62 0.00	28.95 0.56 0.00	26.03 0.70 0.00	26.05 0.93 0.00	29.83 0.95 0.00	27.01 1.12 0.00	29.05 1.38 0.00	36.67 1.85 -4.09	47.42 2.01 -14.20	41.92 2.09 -9.96	46.45 2.31 -12.15	75.53 2.48 -39.10	56.76 2.96 -11.46	42.59 2.85 0.00	49.15 2.72 -9.63	71.44 3.01 -34.00	52.23 3.07 -11.31	94.17 2.50 -60.42	46.12 2.01 -17.38	29.19 1.83 -1.88	30.53 1.76 0.00	25.65 1.30 0.70
LOCKPORT_115KV_TB60_63_64 80432	27.05 -0.95 0.00	28.25 -0.83 0.00	27.09 -0.82 0.00	27.64 -0.76 0.00	24.42 -0.91 0.00	24.31 -0.81 0.00	27.93 -0.96 0.00	24.40 -1.49 0.00	26.13 -1.54 0.00	28.98 -1.74 0.00	29.07 -2.15 0.00	27.73 -2.14 0.00	29.66 -2.33 0.00	31.63 -2.32 0.00	39.50 -2.83 0.00	37.60 -2.14 0.00	35.31 -1.50 0.00	33.87 -1.76 -1.20	35.37 -2.48 0.00	29.19 -2.06 0.00	24.97 -1.76 0.00	23.67 -1.81 0.00	26.78 -1.99 0.00	23.56 -1.50 0.00

LOCKPORT___CC1 323769	23.53 -0.98 3.49	26.32 -0.86 1.90	25.26 -0.84 1.82	26.22 -0.79 1.39	23.13 -0.95 1.25	23.26 -0.84 1.02	27.45 -1.00 0.44	24.29 -1.53 0.07	25.81 -1.57 0.29	28.05 -1.78 0.89	28.03 -2.24 0.94	27.38 -2.24 0.25	29.27 -2.39 0.33	31.32 -2.40 0.22	39.40 -2.84 0.09	36.65 -2.17 0.92	32.96 -1.53 2.32	33.86 -1.77 -1.20	35.36 -2.49 0.00	28.34 -2.11 0.80	22.75 -1.79 2.19	23.48 -1.83 0.17	26.76 -2.01 0.00	23.52 -1.53 0.00
LOCKPORT___CC2 323770	23.53 -0.98 3.49	26.32 -0.86 1.90	25.26 -0.84 1.82	26.22 -0.79 1.39	23.13 -0.95 1.25	23.26 -0.84 1.02	27.45 -1.00 0.44	24.29 -1.53 0.07	25.81 -1.57 0.29	28.05 -1.78 0.89	28.03 -2.24 0.94	27.38 -2.24 0.25	29.27 -2.39 0.33	31.32 -2.40 0.22	39.40 -2.84 0.09	36.65 -2.17 0.92	32.96 -1.53 2.32	33.86 -1.77 -1.20	35.36 -2.49 0.00	28.34 -2.11 0.80	22.75 -1.79 2.19	23.48 -1.83 0.17	26.76 -2.01 0.00	23.52 -1.53 0.00
LOCKPORT___CC3 323771	23.53 -0.98 3.49	26.32 -0.86 1.90	25.26 -0.84 1.82	26.22 -0.79 1.39	23.13 -0.95 1.25	23.26 -0.84 1.02	27.45 -1.00 0.44	24.29 -1.53 0.07	25.81 -1.57 0.29	28.05 -1.78 0.89	28.03 -2.24 0.94	27.38 -2.24 0.25	29.27 -2.39 0.33	31.32 -2.40 0.22	39.40 -2.84 0.09	36.65 -2.17 0.92	32.96 -1.53 2.32	33.86 -1.77 -1.20	35.36 -2.49 0.00	28.34 -2.11 0.80	22.75 -1.79 2.19	23.48 -1.83 0.17	26.76 -2.01 0.00	23.52 -1.53 0.00
LONG_LAKE_PHOENIX 24014	27.39 -0.61 0.00	28.46 -0.61 0.00	27.32 -0.59 0.00	27.77 -0.63 0.00	24.74 -0.59 0.00	24.54 -0.58 0.00	28.24 -0.65 0.00	25.29 -0.60 0.00	26.97 -0.70 0.00	29.86 -0.86 0.00	30.33 -0.88 0.00	29.04 -0.83 0.00	31.10 -0.88 0.00	33.02 -0.93 0.00	41.13 -1.21 0.00	38.68 -1.07 0.00	36.03 -0.77 0.00	34.64 -0.65 -0.86	36.93 -0.92 0.00	30.44 -0.80 0.00	25.99 -0.74 0.00	24.74 -0.74 0.00	28.01 -0.76 0.00	24.43 -0.62 0.00
LOVETT___3 23632	28.44 0.44 0.00	29.47 0.40 0.00	28.24 0.33 0.00	28.68 0.28 0.00	25.72 0.39 0.00	25.65 0.53 0.00	29.52 0.64 0.00	26.59 0.70 0.00	28.48 0.81 0.00	31.77 1.05 0.00	32.40 1.19 0.00	31.19 1.32 0.00	33.48 1.49 0.00	35.57 1.62 0.00	44.24 1.90 0.00	41.55 1.81 0.00	38.64 1.83 0.00	41.22 2.21 -4.58	39.99 2.14 0.00	32.92 1.68 0.00	28.03 1.30 0.00	26.65 1.17 0.00	29.89 1.13 0.00	25.89 0.84 0.00
LOVETT___4 23642	28.44 0.44 0.00	29.47 0.40 0.00	28.24 0.33 0.00	28.68 0.28 0.00	25.72 0.39 0.00	25.65 0.53 0.00	29.52 0.64 0.00	26.59 0.70 0.00	28.48 0.81 0.00	31.77 1.05 0.00	32.40 1.19 0.00	31.19 1.32 0.00	33.48 1.49 0.00	35.57 1.62 0.00	44.24 1.90 0.00	41.55 1.81 0.00	38.64 1.83 0.00	41.22 2.21 -4.58	39.99 2.14 0.00	32.92 1.68 0.00	28.03 1.30 0.00	26.65 1.17 0.00	29.89 1.13 0.00	25.89 0.84 0.00
LOVETT___5 23593	28.44 0.44 0.00	29.47 0.40 0.00	28.24 0.33 0.00	28.68 0.28 0.00	25.72 0.39 0.00	25.65 0.53 0.00	29.52 0.64 0.00	26.59 0.70 0.00	28.48 0.81 0.00	31.77 1.05 0.00	32.40 1.19 0.00	31.19 1.32 0.00	33.48 1.49 0.00	35.57 1.62 0.00	44.24 1.90 0.00	41.55 1.81 0.00	38.64 1.83 0.00	41.22 2.21 -4.58	39.99 2.14 0.00	32.92 1.68 0.00	28.03 1.30 0.00	26.65 1.17 0.00	29.89 1.13 0.00	25.89 0.84 0.00
LOWER RAQUET___HYD 24057	28.87 0.87 0.00	29.95 0.87 0.00	28.69 0.78 0.00	29.21 0.82 0.00	25.99 0.66 0.00	25.61 0.49 0.00	29.31 0.42 0.00	26.27 0.38 0.00	28.12 0.46 0.00	31.25 0.52 0.00	31.85 0.64 0.00	30.25 0.38 0.00	32.31 0.32 0.00	34.17 0.23 0.00	42.69 0.35 0.00	39.81 0.06 0.00	36.30 -0.51 0.00	33.71 -0.88 -0.15	37.09 -0.76 0.00	30.62 -0.63 0.00	26.58 -0.15 0.00	25.69 0.21 0.00	29.22 0.45 0.00	25.48 0.43 0.00
LOWER___HUDSON 24059	28.64 0.64 0.00	29.72 0.64 0.00	28.59 0.68 0.00	29.17 0.77 0.00	26.10 0.77 0.00	25.91 0.80 0.00	29.79 0.91 0.00	26.72 0.83 0.00	28.62 0.95 0.00	31.93 1.21 0.00	32.53 1.32 0.00	31.23 1.36 0.00	33.51 1.52 0.00	35.58 1.63 0.00	44.28 1.94 0.00	41.59 1.85 0.00	38.63 1.82 0.00	42.21 2.02 -5.76	39.89 2.04 0.00	32.85 1.61 0.00	28.02 1.29 0.00	26.64 1.17 0.00	29.86 1.09 0.00	25.95 0.90 0.00
LOWVILLE_115KV_TB2 356335	28.50 0.50 0.00	29.56 0.48 0.00	28.34 0.42 0.00	28.82 0.42 0.00	25.63 0.30 0.00	25.39 0.28 0.00	29.23 0.34 0.00	26.21 0.32 0.00	27.94 0.27 0.00	30.93 0.21 0.00	31.16 -0.05 0.00	29.78 -0.09 0.00	31.56 -0.43 0.00	33.60 -0.34 0.00	41.56 -0.77 0.00	38.68 -1.06 0.00	35.91 -0.90 0.00	33.77 -1.03 -0.37	36.63 -1.22 0.00	30.23 -1.02 0.00	25.98 -0.75 0.00	24.96 -0.52 0.00	28.46 -0.31 0.00	24.75 -0.30 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.05 1.05 0.00	30.12 1.04 0.00	28.97 1.05 0.00	29.51 1.12 0.00	26.41 1.08 0.00	26.23 1.11 0.00	30.20 1.31 0.00	27.07 1.18 0.00	29.03 1.37 0.00	32.36 1.64 0.00	33.00 1.79 0.00	31.72 1.85 0.00	34.04 2.06 0.00	36.14 2.20 0.00	45.01 2.68 0.00	42.23 2.48 0.00	39.29 2.48 0.00	42.86 2.57 -5.86	40.46 2.61 0.00	33.32 2.07 0.00	28.39 1.67 0.00	27.07 1.60 0.00	30.34 1.57 0.00	26.37 1.32 0.00
LUTHERNY_35_KV_BK2 355980	29.06 1.07 0.00	30.13 1.06 0.00	28.97 1.06 0.00	29.52 1.12 0.00	26.41 1.08 0.00	26.25 1.13 0.00	30.24 1.36 0.00	27.09 1.20 0.00	29.07 1.40 0.00	32.39 1.67 0.00	33.03 1.82 0.00	31.73 1.86 0.00	34.04 2.06 0.00	36.16 2.22 0.00	45.07 2.73 0.00	42.27 2.52 0.00	39.33 2.53 0.00	42.89 2.60 -5.86	40.49 2.64 0.00	33.35 2.10 0.00	28.42 1.70 0.00	27.09 1.61 0.00	30.39 1.62 0.00	26.39 1.34 0.00
LWR___OSWEGATCHIE_HYD 23850	28.42 0.42 0.00	29.48 0.40 0.00	28.25 0.34 0.00	28.75 0.35 0.00	25.57 0.24 0.00	25.26 0.15 0.00	28.99 0.11 0.00	26.00 0.11 0.00	27.79 0.12 0.00	30.82 0.10 0.00	31.24 0.03 0.00	29.77 -0.10 0.00	31.67 -0.32 0.00	33.58 -0.37 0.00	41.76 -0.57 0.00	38.90 -0.85 0.00	35.77 -1.03 0.00	33.44 -1.26 -0.28	36.52 -1.33 0.00	30.14 -1.11 0.00	26.04 -0.69 0.00	25.10 -0.38 0.00	28.57 -0.19 0.00	24.88 -0.17 0.00
LYONS_FALL_HYD 23570	28.50 0.50 0.00	29.56 0.48 0.00	28.36 0.44 0.00	28.84 0.44 0.00	25.67 0.34 0.00	25.45 0.33 0.00	29.29 0.41 0.00	26.28 0.39 0.00	28.07 0.40 0.00	31.13 0.40 0.00	31.46 0.25 0.00	30.09 0.22 0.00	32.02 0.03 0.00	34.05 0.10 0.00	42.23 -0.10 0.00	39.44 -0.30 0.00	36.64 -0.17 0.00	34.52 -0.26 -0.35	37.48 -0.37 0.00	30.91 -0.33 0.00	26.49 -0.24 0.00	25.35 -0.13 0.00	28.78 0.01 0.00	25.01 -0.04 0.00
MADISON___COUNTY_LFGE 323628	28.58 0.58 0.00	29.68 0.60 0.00	28.49 0.57 0.00	28.96 0.57 0.00	25.80 0.47 0.00	25.60 0.49 0.00	29.50 0.61 0.00	26.47 0.58 0.00	28.33 0.67 0.00	31.46 0.74 0.00	31.93 0.72 0.00	30.58 0.72 0.00	32.70 0.72 0.00	34.75 0.80 0.00	43.24 0.91 0.00	40.62 0.87 0.00	37.81 1.01 0.00	35.92 0.93 -0.56	38.71 0.87 0.00	31.89 0.64 0.00	27.21 0.47 0.00	25.87 0.39 0.00	29.20 0.43 0.00	25.38 0.33 0.00

MALONE___115KV_TB1 356076	29.57 1.57 0.00	30.67 1.59 0.00	29.41 1.50 0.00	29.93 1.54 0.00	26.58 1.25 0.00	26.22 1.10 0.00	30.16 1.28 0.00	27.06 1.17 0.00	29.06 1.39 0.00	32.21 1.48 0.00	32.79 1.58 0.00	31.31 1.44 0.00	33.48 1.50 0.00	35.33 1.38 0.00	44.13 1.79 0.00	41.30 1.57 0.00	38.04 1.23 0.00	35.14 0.62 -0.09	38.41 0.56 0.00	31.37 0.13 0.00	26.84 0.11 0.00	25.79 0.32 0.00	29.34 0.57 0.00	25.79 0.74 0.00
MAPLEWOD_115KV_TB3 80458	28.44 0.44 0.00	29.51 0.43 0.00	28.39 0.47 0.00	28.92 0.53 0.00	25.88 0.55 0.00	25.69 0.57 0.00	29.55 0.66 0.00	26.51 0.62 0.00	28.39 0.73 0.00	31.69 0.96 0.00	32.28 1.08 0.00	30.98 1.12 0.00	33.26 1.27 0.00	35.31 1.36 0.00	43.93 1.60 0.00	41.29 1.56 0.00	38.37 1.56 0.00	41.95 1.78 -5.73	39.64 1.79 0.00	32.63 1.39 0.00	27.83 1.10 0.00	26.44 0.96 0.00	29.63 0.86 0.00	25.75 0.70 0.00
MAPLE_RIDGE_WT_1 323574	28.18 0.18 0.00	29.25 0.17 0.00	28.04 0.13 0.00	28.52 0.12 0.00	25.42 0.08 0.00	25.18 0.06 0.00	28.90 0.02 0.00	25.83 -0.06 0.00	27.60 -0.07 0.00	30.63 -0.10 0.00	31.02 -0.19 0.00	29.61 -0.27 0.00	31.68 -0.31 0.00	33.67 -0.27 0.00	41.85 -0.49 0.00	39.05 -0.69 0.00	35.82 -0.99 0.00	33.50 -0.93 0.00	36.82 -1.03 0.00	30.51 -0.74 0.00	26.24 -0.48 0.00	24.99 -0.49 0.00	28.40 -0.37 0.00	24.71 -0.34 0.00
MAPLE_RIDGE_WT_2 323611	28.18 0.18 0.00	29.25 0.17 0.00	28.04 0.13 0.00	28.52 0.12 0.00	25.42 0.08 0.00	25.18 0.06 0.00	28.90 0.02 0.00	25.83 -0.06 0.00	27.60 -0.07 0.00	30.63 -0.10 0.00	31.02 -0.19 0.00	29.61 -0.27 0.00	31.68 -0.31 0.00	33.67 -0.27 0.00	41.85 -0.49 0.00	39.05 -0.69 0.00	35.82 -0.99 0.00	33.50 -0.93 0.00	36.82 -1.03 0.00	30.51 -0.74 0.00	26.24 -0.48 0.00	24.99 -0.49 0.00	28.40 -0.37 0.00	24.71 -0.34 0.00
MARBLE_RIVER_WT_PWR 323696	29.34 1.33 0.00	30.46 1.38 0.00	29.26 1.35 0.00	29.77 1.38 0.00	26.43 1.10 0.00	26.05 0.94 0.00	29.96 1.08 0.00	26.87 0.98 0.00	28.85 1.18 0.00	31.89 1.16 0.00	32.48 1.27 0.00	31.06 1.19 0.00	33.21 1.22 0.00	35.07 1.13 0.00	43.71 1.38 0.00	40.97 1.23 0.00	37.83 1.02 0.00	34.83 0.40 0.00	38.01 0.16 0.00	30.90 -0.35 0.00	26.29 -0.44 0.00	25.24 -0.24 0.00	28.74 -0.03 0.00	25.39 0.34 0.00
MARSHVLE_115KV_TB1 80742	29.84 1.84 0.00	30.93 1.85 0.00	29.60 1.68 0.00	30.03 1.64 0.00	26.69 1.36 0.00	26.43 1.31 0.00	30.39 1.50 0.00	27.26 1.37 0.00	29.21 1.54 0.00	32.34 1.61 0.00	32.86 1.66 0.00	31.50 1.63 0.00	33.69 1.71 0.00	35.68 1.74 0.00	44.48 2.15 0.00	41.88 2.14 0.00	38.65 1.84 0.00	43.05 1.61 -7.01	39.55 1.70 0.00	32.67 1.43 0.00	27.81 1.08 0.00	26.77 1.29 0.00	30.39 1.63 0.00	26.48 1.44 0.00
MARSH_HILL_WT_PWR 323713	28.96 0.04 -0.92	29.53 -0.05 -0.50	28.14 -0.25 -0.48	28.43 -0.33 -0.37	24.86 -0.80 -0.33	24.90 -0.49 -0.27	28.17 -0.83 -0.12	25.16 -0.75 -0.02	26.98 -0.77 -0.08	29.97 -1.00 -0.24	29.73 -1.74 -0.26	28.02 -1.92 -0.07	30.22 -1.85 -0.09	32.84 -1.16 -0.06	41.39 -0.96 -0.03	39.44 -0.55 -0.24	37.09 -0.33 -0.61	35.02 -0.90 -1.48	36.09 -1.76 0.00	29.46 -2.00 -0.21	25.08 -2.23 -0.58	23.00 -2.53 -0.04	25.81 -2.95 0.00	22.52 -2.52 0.00
MCINTYRE_115KV_TB2 80467	29.38 1.39 0.00	30.48 1.40 0.00	29.19 1.27 0.00	29.72 1.33 0.00	26.45 1.12 0.00	26.13 1.02 0.00	30.00 1.12 0.00	26.90 1.01 0.00	28.82 1.16 0.00	32.05 1.33 0.00	32.58 1.38 0.00	30.95 1.08 0.00	33.08 1.10 0.00	35.00 1.05 0.00	43.80 1.46 0.00	41.05 1.31 0.00	37.51 0.71 0.00	34.80 0.24 -0.13	38.36 0.52 0.00	31.71 0.46 0.00	27.46 0.73 0.00	26.39 0.91 0.00	29.90 1.13 0.00	26.04 0.99 0.00
MECO_____69_KV_BK1 80468	30.68 2.68 0.00	31.77 2.69 0.00	30.42 2.51 0.00	30.92 2.52 0.00	27.53 2.20 0.00	27.33 2.21 0.00	31.49 2.61 0.00	28.34 2.45 0.00	30.44 2.78 0.00	33.89 3.17 0.00	34.46 3.25 0.00	33.02 3.14 0.00	35.32 3.34 0.00	37.36 3.41 0.00	46.73 4.39 0.00	44.12 4.37 0.00	41.03 4.22 0.00	45.09 4.00 -6.65	42.01 4.16 0.00	34.60 3.36 0.00	29.07 2.34 0.00	28.07 2.60 0.00	31.65 2.89 0.00	27.47 2.42 0.00
MENANDS___115KV_TB5 355628	28.28 0.28 0.00	29.34 0.27 0.00	28.23 0.32 0.00	28.78 0.38 0.00	25.75 0.42 0.00	25.55 0.43 0.00	29.38 0.49 0.00	26.36 0.47 0.00	28.23 0.56 0.00	31.50 0.77 0.00	32.09 0.89 0.00	30.80 0.93 0.00	33.05 1.07 0.00	35.10 1.15 0.00	43.67 1.34 0.00	41.04 1.30 0.00	38.12 1.31 0.00	41.70 1.55 -5.72	39.38 1.53 0.00	32.43 1.18 0.00	27.66 0.93 0.00	26.28 0.81 0.00	29.45 0.68 0.00	25.61 0.56 0.00
MG INDUSTRY___DRP 24185	28.46 0.46 0.00	29.56 0.48 0.00	28.44 0.53 0.00	28.96 0.57 0.00	25.89 0.56 0.00	25.66 0.54 0.00	29.51 0.62 0.00	26.46 0.57 0.00	28.35 0.68 0.00	31.59 0.87 0.00	32.20 0.99 0.00	30.89 1.01 0.00	33.13 1.15 0.00	35.18 1.23 0.00	43.78 1.45 0.00	41.17 1.43 0.00	38.25 1.44 0.00	41.66 1.61 -5.61	39.46 1.61 0.00	32.48 1.24 0.00	27.73 1.00 0.00	26.34 0.87 0.00	29.56 0.79 0.00	25.70 0.65 0.00
MID___OSWEGATCHIE_HYD 23849	28.42 0.42 0.00	29.48 0.40 0.00	28.25 0.34 0.00	28.75 0.35 0.00	25.57 0.24 0.00	25.26 0.15 0.00	28.99 0.11 0.00	26.00 0.11 0.00	27.79 0.12 0.00	30.82 0.10 0.00	31.24 0.03 0.00	29.77 -0.10 0.00	31.67 -0.32 0.00	33.58 -0.37 0.00	41.76 -0.57 0.00	38.90 -0.85 0.00	35.77 -1.03 0.00	33.44 -1.26 -0.28	36.52 -1.33 0.00	30.14 -1.11 0.00	26.04 -0.69 0.00	25.10 -0.38 0.00	28.57 -0.19 0.00	24.88 -0.17 0.00
MID___RAQUETTE_HYD 23851	28.86 0.87 0.00	29.95 0.87 0.00	28.69 0.78 0.00	29.21 0.82 0.00	25.99 0.65 0.00	25.61 0.50 0.00	29.31 0.42 0.00	26.27 0.39 0.00	28.12 0.46 0.00	31.25 0.52 0.00	31.85 0.64 0.00	30.25 0.38 0.00	32.31 0.32 0.00	34.18 0.23 0.00	42.69 0.36 0.00	39.81 0.07 0.00	36.30 -0.51 0.00	33.71 -0.88 -0.15	37.09 -0.76 0.00	30.62 -0.63 0.00	26.57 -0.16 0.00	25.69 0.21 0.00	29.22 0.45 0.00	25.48 0.43 0.00
MILLIKEN___1 23584	28.31 0.31 0.00	29.39 0.31 0.00	28.20 0.29 0.00	28.58 0.19 0.00	25.47 0.14 0.00	25.31 0.20 0.00	29.15 0.26 0.00	26.13 0.24 0.00	27.97 0.30 0.00	31.06 0.33 0.00	31.52 0.31 0.00	30.18 0.31 0.00	32.33 0.35 0.00	34.27 0.32 0.00	42.69 0.35 0.00	40.18 0.44 0.00	37.57 0.76 0.00	36.70 0.82 -1.44	38.49 0.64 0.00	31.67 0.42 0.00	26.97 0.24 0.00	25.62 0.15 0.00	28.95 0.18 0.00	25.11 0.05 0.00
MILLIKEN___2 23585	28.31 0.31 0.00	29.39 0.31 0.00	28.20 0.29 0.00	28.58 0.19 0.00	25.47 0.14 0.00	25.31 0.20 0.00	29.15 0.26 0.00	26.13 0.24 0.00	27.97 0.30 0.00	31.06 0.33 0.00	31.52 0.31 0.00	30.18 0.31 0.00	32.33 0.35 0.00	34.27 0.32 0.00	42.69 0.35 0.00	40.18 0.44 0.00	37.57 0.76 0.00	36.70 0.82 -1.44	38.49 0.64 0.00	31.67 0.42 0.00	26.97 0.24 0.00	25.62 0.15 0.00	28.95 0.18 0.00	25.11 0.05 0.00

MILLIKEN___DIESEL 23629	28.31 0.31 0.00	29.39 0.31 0.00	28.20 0.29 0.00	28.58 0.19 0.00	25.47 0.14 0.00	25.31 0.20 0.00	29.15 0.26 0.00	26.13 0.24 0.00	27.97 0.30 0.00	31.06 0.33 0.00	31.52 0.31 0.00	30.18 0.31 0.00	32.33 0.35 0.00	34.27 0.32 0.00	42.69 0.35 0.00	40.18 0.44 0.00	37.57 0.76 0.00	36.70 0.82 -1.44	38.49 0.64 0.00	31.67 0.42 0.00	26.97 0.24 0.00	25.62 0.15 0.00	28.95 0.18 0.00	25.11 0.05 0.00
MILLSEAT___LFGE 323607	24.31 -0.52 3.17	26.95 -0.41 1.72	25.85 -0.42 1.65	26.78 -0.36 1.26	23.65 -0.54 1.13	23.76 -0.43 0.92	27.99 -0.49 0.40	24.86 -0.97 0.07	26.47 -0.94 0.26	28.85 -1.07 0.80	28.86 -1.49 0.85	28.11 -1.54 0.22	30.06 -1.62 0.30	32.17 -1.58 0.20	40.37 -1.89 0.08	37.63 -1.28 0.84	34.06 -0.64 2.10	34.71 -0.90 -1.18	36.32 -1.52 0.00	29.21 -1.32 0.72	23.62 -1.13 1.98	24.10 -1.22 0.15	27.41 -1.36 0.00	24.04 -1.00 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.53 0.53 0.00	29.56 0.48 0.00	28.33 0.41 0.00	28.78 0.39 0.00	25.81 0.48 0.00	25.73 0.61 0.00	29.60 0.72 0.00	26.67 0.78 0.00	28.59 0.92 0.00	31.91 1.18 0.00	32.54 1.33 0.00	31.32 1.45 0.00	33.62 1.63 0.00	35.71 1.77 0.00	44.41 2.08 0.00	41.72 1.98 0.00	38.80 2.00 0.00	41.48 2.35 -4.70	40.14 2.29 0.00	33.06 1.81 0.00	28.15 1.43 0.00	26.75 1.28 0.00	29.99 1.22 0.00	25.97 0.92 0.00
MILLWOOD_13_KV_LOAD 356217	28.59 0.59 0.00	29.62 0.54 0.00	28.38 0.47 0.00	28.84 0.45 0.00	25.86 0.53 0.00	25.78 0.67 0.00	29.66 0.77 0.00	26.72 0.84 0.00	28.65 0.99 0.00	31.97 1.25 0.00	32.62 1.41 0.00	31.40 1.53 0.00	33.71 1.72 0.00	35.81 1.86 0.00	44.53 2.20 0.00	41.83 2.08 0.00	38.91 2.10 0.00	41.57 2.44 -4.70	40.24 2.40 0.00	33.15 1.90 0.00	28.23 1.50 0.00	26.83 1.35 0.00	30.06 1.29 0.00	26.02 0.97 0.00
MODEL_CITY_ENERGY 24167	23.08 -1.21 3.70	25.99 -1.08 2.01	24.93 -1.06 1.92	25.94 -0.99 1.47	22.89 -1.12 1.33	23.02 -1.02 1.08	27.21 -1.20 0.47	24.08 -1.74 0.08	25.53 -1.83 0.30	27.71 -2.08 0.93	27.69 -2.53 0.99	27.09 -2.52 0.26	28.94 -2.69 0.35	31.01 -2.71 0.23	38.93 -3.31 0.10	36.12 -2.64 0.98	32.39 -1.96 2.46	33.44 -2.21 -1.21	34.91 -2.94 0.00	27.94 -2.46 0.85	22.34 -2.07 2.32	23.21 -2.09 0.18	26.47 -2.30 0.00	23.32 -1.73 0.00
MODERN_LFGE___ 323580	23.08 -1.21 3.70	25.99 -1.08 2.01	24.93 -1.06 1.92	25.94 -0.99 1.47	22.89 -1.12 1.33	23.02 -1.02 1.08	27.21 -1.20 0.47	24.08 -1.74 0.08	25.53 -1.83 0.30	27.71 -2.08 0.93	27.69 -2.53 0.99	27.09 -2.52 0.26	28.94 -2.69 0.35	31.01 -2.71 0.23	38.93 -3.31 0.10	36.12 -2.64 0.98	32.39 -1.96 2.46	33.44 -2.21 -1.21	34.91 -2.94 0.00	27.94 -2.46 0.85	22.34 -2.07 2.32	23.21 -2.09 0.18	26.47 -2.30 0.00	23.32 -1.73 0.00
MOHAWK_PAPER___DRP 24187	28.44 0.44 0.00	29.51 0.43 0.00	28.39 0.47 0.00	28.92 0.53 0.00	25.88 0.55 0.00	25.69 0.57 0.00	29.55 0.66 0.00	26.51 0.62 0.00	28.39 0.73 0.00	31.69 0.96 0.00	32.28 1.08 0.00	30.98 1.12 0.00	33.26 1.27 0.00	35.31 1.36 0.00	43.93 1.60 0.00	41.29 1.56 0.00	38.37 1.56 0.00	41.95 1.78 -5.73	39.64 1.79 0.00	32.63 1.39 0.00	27.83 1.10 0.00	26.44 0.96 0.00	29.63 0.86 0.00	25.75 0.70 0.00
MOHICAN__35_KV_115KV_LD 80490	29.25 1.25 0.00	30.27 1.20 0.00	29.13 1.22 0.00	29.67 1.27 0.00	26.58 1.25 0.00	26.42 1.31 0.00	30.43 1.54 0.00	27.25 1.36 0.00	29.29 1.62 0.00	32.63 1.91 0.00	33.34 2.13 0.00	32.16 2.29 0.00	34.54 2.56 0.00	36.67 2.73 0.00	45.63 3.30 0.00	42.73 2.99 0.00	39.78 2.97 0.00	43.26 2.97 -5.86	40.83 2.98 0.00	33.63 2.39 0.00	28.66 1.93 0.00	27.46 1.99 0.00	30.72 1.95 0.00	26.72 1.67 0.00
MONGAUP___HYD 23641	28.72 0.72 0.00	29.75 0.66 0.00	28.51 0.60 0.00	28.97 0.58 0.00	25.95 0.62 0.00	25.82 0.70 0.00	29.74 0.86 0.00	26.73 0.84 0.00	28.66 1.00 0.00	31.95 1.23 0.00	32.59 1.38 0.00	31.32 1.44 0.00	33.60 1.61 0.00	35.69 1.75 0.00	44.42 2.09 0.00	41.73 1.99 0.00	38.72 1.92 0.00	41.00 2.21 -4.36	39.81 1.96 0.00	32.55 1.30 0.00	27.93 1.20 0.00	26.82 1.34 0.00	30.06 1.30 0.00	26.02 0.98 0.00
MONTAUK___DIESEL 23721	30.34 2.34 0.00	31.33 2.25 0.00	29.83 1.91 0.00	30.26 1.86 0.00	27.25 1.91 0.00	27.32 2.20 0.00	31.25 2.36 0.00	28.36 2.47 0.00	30.70 3.04 0.00	38.57 3.87 -3.98	49.05 4.03 -13.81	43.59 4.03 -9.69	48.20 4.39 -11.83	77.42 4.73 -38.75	59.42 5.74 -11.34	45.24 5.49 0.00	52.40 5.31 -10.28	75.75 5.43 -35.89	54.80 5.72 -11.23	95.45 4.64 -59.57	47.45 3.73 -16.99	30.76 3.37 -1.91	32.15 3.38 0.00	27.26 2.61 0.40
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.26 0.25 0.00	29.35 0.27 0.00	28.06 0.15 0.00	28.43 0.04 0.00	25.11 -0.22 0.00	25.06 -0.05 0.00	28.45 -0.44 0.00	25.09 -0.80 0.00	27.26 -0.40 0.00	30.60 -0.12 0.00	30.84 -0.37 0.00	29.28 -0.59 0.00	31.41 -0.57 0.00	33.60 -0.34 0.00	41.86 -0.47 0.00	39.14 -0.60 0.00	36.47 -0.34 0.00	34.90 -0.84 -1.30	36.10 -1.75 0.00	29.37 -1.88 0.00	25.22 -1.51 0.00	23.82 -1.66 0.00	26.89 -1.88 0.00	23.40 -1.65 0.00
MORTIMER_115KV_TB3 55949	27.28 -0.72 0.00	28.41 -0.66 0.00	27.26 -0.65 0.00	27.76 -0.64 0.00	24.62 -0.72 0.00	24.48 -0.64 0.00	28.18 -0.71 0.00	25.03 -0.86 0.00	26.83 -0.84 0.00	29.76 -0.97 0.00	29.99 -1.22 0.00	28.62 -1.25 0.00	30.64 -1.35 0.00	32.61 -1.34 0.00	40.68 -1.66 0.00	38.52 -1.23 0.00	36.04 -0.77 0.00	34.68 -0.84 -1.09	36.56 -1.29 0.00	30.13 -1.11 0.00	25.74 -0.99 0.00	24.44 -1.03 0.00	27.65 -1.12 0.00	24.14 -0.91 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.59 0.58 0.00	29.63 0.55 0.00	28.37 0.45 0.00	28.81 0.42 0.00	25.85 0.52 0.00	25.78 0.66 0.00	29.67 0.78 0.00	26.75 0.85 0.00	28.69 1.01 0.00	32.02 1.30 0.00	32.66 1.45 0.00	31.44 1.57 0.00	33.76 1.77 0.00	35.86 1.91 0.00	44.57 2.23 0.00	41.87 2.13 0.00	38.97 2.16 0.00	41.66 2.51 -4.72	40.31 2.46 0.00	33.21 1.97 0.00	28.28 1.55 0.00	26.88 1.40 0.00	30.10 1.34 0.00	26.04 0.99 0.00
MUNSVILLE_WIND_PWR 323609	31.09 1.96 -1.13	31.65 1.95 -0.61	30.11 1.61 -0.59	30.15 1.31 -0.45	26.80 1.06 -0.40	26.50 1.05 -0.33	30.27 1.24 -0.14	27.10 1.19 -0.02	29.39 1.63 -0.09	32.91 1.90 -0.28	33.79 2.28 -0.30	32.12 2.17 -0.08	34.30 2.21 -0.11	36.10 2.08 -0.07	44.76 2.40 -0.03	42.03 2.00 -0.30	39.86 2.30 -0.75	39.00 2.63 -1.94	40.44 2.59 0.00	33.65 2.15 -0.26	28.81 1.37 -0.71	26.62 1.09 -0.05	30.32 1.55 0.00	25.98 0.93 0.00
N SALMON___HYD 24042	29.57 1.56 0.00	30.67 1.59 0.00	29.41 1.50 0.00	29.93 1.54 0.00	26.58 1.25 0.00	26.22 1.10 0.00	30.16 1.28 0.00	27.06 1.17 0.00	29.06 1.39 0.00	32.21 1.48 0.00	32.79 1.58 0.00	31.31 1.44 0.00	33.48 1.50 0.00	35.33 1.38 0.00	44.13 1.79 0.00	41.31 1.57 0.00	38.04 1.23 0.00	35.14 0.62 -0.09	38.41 0.56 0.00	31.37 0.13 0.00	26.84 0.11 0.00	25.79 0.31 0.00	29.34 0.57 0.00	25.79 0.74 0.00

N.AKRON__115KV_KNAPP 355671	27.38 -0.62 0.00	28.57 -0.51 0.00	27.40 -0.51 0.00	27.94 -0.45 0.00	24.70 -0.63 0.00	24.60 -0.51 0.00	28.29 -0.60 0.00	24.79 -1.10 0.00	26.56 -1.11 0.00	29.47 -1.25 0.00	29.58 -1.64 0.00	28.20 -1.67 0.00	30.18 -1.80 0.00	32.18 -1.76 0.00	40.19 -2.15 0.00	38.24 -1.50 0.00	35.93 -0.87 0.00	34.48 -1.14 -1.19	36.05 -1.80 0.00	29.74 -1.51 0.00	25.43 -1.30 0.00	24.09 -1.39 0.00	27.24 -1.53 0.00	23.92 -1.13 0.00
N.BELMOR_69_KV_BK1 55787	29.09 1.10 0.00	30.08 1.01 0.00	28.70 0.79 0.00	29.13 0.73 0.00	26.18 0.85 0.00	26.19 1.07 0.00	30.02 1.14 0.00	27.17 1.28 0.00	29.24 1.57 0.00	36.16 2.05 -3.39	45.15 2.21 -11.74	40.39 2.29 -8.24	44.57 2.53 -10.05	73.46 2.68 -36.84	56.20 3.21 -10.66	42.90 3.16 0.00	53.59 2.95 -13.84	83.91 3.27 -46.20	52.03 3.36 -10.82	88.89 2.69 -54.95	43.84 2.22 -14.89	29.52 2.01 -2.03	30.74 1.97 0.00	27.92 1.46 -1.41
N.E_GEN_SANDY PD 24062	28.52 0.52 0.00	29.59 0.51 0.00	28.47 0.56 0.00	29.02 0.62 0.00	26.00 0.67 0.00	25.85 0.73 0.00	29.70 0.81 0.00	26.66 0.77 0.00	28.56 0.89 0.00	32.09 1.15 -0.21	49.03 1.28 -16.54	59.58 1.35 -28.36	65.22 1.51 -31.73	51.25 1.62 -15.68	48.97 1.91 -4.73	52.29 1.83 -10.71	61.80 1.81 -23.17	62.15 2.08 -25.65	143.14 2.08 -103.22	49.63 1.63 -16.75	38.13 1.31 -10.09	26.64 1.16 0.00	29.56 1.05 0.26	25.88 0.85 0.02
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.49 0.49 0.00	29.52 0.44 0.00	28.28 0.36 0.00	28.72 0.32 0.00	25.76 0.42 0.00	25.69 0.57 0.00	29.56 0.67 0.00	26.63 0.74 0.00	28.53 0.86 0.00	31.83 1.10 0.00	32.45 1.25 0.00	31.24 1.36 0.00	33.54 1.55 0.00	35.63 1.69 0.00	44.32 1.99 0.00	41.62 1.88 0.00	38.71 1.90 0.00	41.29 2.28 -4.57	40.07 2.22 0.00	32.98 1.74 0.00	28.08 1.35 0.00	26.69 1.22 0.00	29.95 1.18 0.00	25.92 0.87 0.00
N.QUEENS_27_KV_LOAD 356247	28.54 0.53 0.00	29.61 0.53 0.00	28.36 0.44 0.00	28.78 0.38 0.00	25.85 0.52 0.00	25.78 0.66 0.00	29.65 0.76 0.00	26.80 0.91 0.00	28.70 1.03 0.00	32.04 1.32 0.00	32.71 1.50 0.00	31.44 1.57 0.00	33.75 1.77 0.00	35.80 1.85 0.00	44.50 2.17 0.00	41.80 2.06 0.00	38.92 2.11 0.00	41.64 2.49 -4.72	40.34 2.49 0.00	33.19 1.94 0.00	28.27 1.55 0.00	26.88 1.40 0.00	30.06 1.29 0.00	26.02 0.97 0.00
N.TROY___115KV_TB1 355778	28.65 0.64 0.00	29.72 0.64 0.00	28.60 0.68 0.00	29.17 0.77 0.00	26.10 0.77 0.00	25.92 0.80 0.00	29.80 0.91 0.00	26.72 0.83 0.00	28.62 0.95 0.00	31.93 1.21 0.00	32.53 1.32 0.00	31.23 1.36 0.00	33.51 1.52 0.00	35.58 1.63 0.00	44.28 1.94 0.00	41.59 1.85 0.00	38.64 1.83 0.00	42.21 2.02 -5.76	39.89 2.04 0.00	32.85 1.61 0.00	28.02 1.29 0.00	26.64 1.17 0.00	29.86 1.09 0.00	25.95 0.91 0.00
NARROWS_GT1_1 24228	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
NARROWS_GT1_2 24229	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
NARROWS_GT1_3 24230	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
NARROWS_GT1_4 24231	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
NARROWS_GT1_5 24232	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
NARROWS_GT1_6 24233	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
NARROWS_GT1_7 24234	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
NARROWS_GT1_8 24235	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
NARROWS_GT2_1 24236	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00

NARROWS_GT2_2 24237	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
NARROWS_GT2_3 24238	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
NARROWS_GT2_4 24239	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
NARROWS_GT2_5 24240	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
NARROWS_GT2_6 24241	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
NARROWS_GT2_7 24242	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
NARROWS_GT2_8 24243	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.01 1.01 0.00	30.09 1.02 0.00	28.97 1.05 0.00	29.52 1.12 0.00	26.37 1.04 0.00	26.14 1.03 0.00	30.09 1.21 0.00	27.01 1.12 0.00	29.02 1.35 0.00	32.41 1.69 0.00	33.07 1.86 0.00	31.69 1.82 0.00	33.99 2.00 0.00	36.03 2.09 0.00	44.82 2.48 0.00	42.20 2.46 0.00	39.33 2.52 0.00	42.51 2.63 -5.44	40.57 2.72 0.00	33.35 2.10 0.00	28.41 1.68 0.00	26.95 1.47 0.00	30.16 1.39 0.00	26.20 1.15 0.00
NCHELSEA_115KV_TR2 355582	28.79 0.78 0.00	29.84 0.76 0.00	28.63 0.72 0.00	29.09 0.69 0.00	26.08 0.75 0.00	25.96 0.85 0.00	29.87 0.99 0.00	26.90 1.02 0.00	28.86 1.20 0.00	32.22 1.49 0.00	32.85 1.64 0.00	31.61 1.74 0.00	33.93 1.95 0.00	36.04 2.09 0.00	44.83 2.49 0.00	42.13 2.38 0.00	39.21 2.40 0.00	41.87 2.68 -4.76	40.50 2.65 0.00	33.34 2.10 0.00	28.40 1.67 0.00	26.97 1.50 0.00	30.21 1.44 0.00	26.16 1.11 0.00
NEG CAPITAL___MECHNVIL 23645	29.01 1.01 0.00	30.07 0.99 0.00	28.93 1.01 0.00	29.47 1.07 0.00	26.36 1.03 0.00	26.19 1.08 0.00	30.13 1.25 0.00	27.03 1.15 0.00	29.00 1.33 0.00	32.35 1.62 0.00	32.98 1.77 0.00	31.71 1.84 0.00	34.03 2.04 0.00	36.13 2.18 0.00	44.97 2.64 0.00	42.22 2.47 0.00	39.28 2.47 0.00	42.84 2.57 -5.83	40.48 2.63 0.00	33.32 2.08 0.00	28.38 1.65 0.00	27.04 1.57 0.00	30.29 1.52 0.00	26.32 1.27 0.00
NEG CENTRAL_HIGH_ACRES 23767	25.45 -1.16 1.39	27.18 -1.15 0.76	26.08 -1.11 0.72	26.73 -1.12 0.55	23.72 -1.11 0.50	23.67 -1.04 0.41	27.55 -1.16 0.17	24.66 -1.20 0.03	26.34 -1.22 0.11	28.99 -1.38 0.35	29.23 -1.61 0.37	28.19 -1.59 0.10	30.16 -1.69 0.13	32.13 -1.72 0.09	40.15 -2.15 0.04	37.63 -1.75 0.37	34.61 -1.27 0.93	34.23 -1.27 -1.07	36.11 -1.73 0.00	29.41 -1.52 0.32	24.51 -1.34 0.87	24.05 -1.36 0.07	27.26 -1.51 0.00	23.78 -1.27 0.00
NEG CENTRAL___DRP 24199	27.79 -0.20 0.00	28.86 -0.22 0.00	27.69 -0.22 0.00	28.11 -0.28 0.00	25.01 -0.32 0.00	24.88 -0.24 0.00	28.64 -0.24 0.00	25.62 -0.27 0.00	27.39 -0.28 0.00	30.39 -0.34 0.00	30.76 -0.45 0.00	29.40 -0.47 0.00	31.50 -0.49 0.00	33.42 -0.53 0.00	41.62 -0.71 0.00	39.37 -0.37 0.00	36.82 0.01 0.00	35.56 0.02 -1.11	37.51 -0.34 0.00	30.88 -0.37 0.00	26.28 -0.45 0.00	24.95 -0.52 0.00	28.18 -0.59 0.00	24.49 -0.55 0.00
NEG CENTRAL___INDECK 23768	28.35 0.35 0.00	29.43 0.35 0.00	28.17 0.26 0.00	28.65 0.25 0.00	25.29 -0.04 0.00	25.24 0.12 0.00	29.01 0.12 0.00	25.91 0.02 0.00	27.78 0.11 0.00	30.79 0.07 0.00	30.78 -0.42 0.00	29.05 -0.82 0.00	31.07 -0.91 0.00	33.46 -0.48 0.00	42.00 -0.33 0.00	39.73 -0.01 0.00	37.42 0.61 0.00	36.18 0.43 -1.32	37.77 -0.08 0.00	30.90 -0.34 0.00	26.27 -0.46 0.00	24.76 -0.72 0.00	27.93 -0.84 0.00	24.33 -0.72 0.00
NEG CENTRAL___SENECA 23627	27.85 -0.14 0.00	28.92 -0.16 0.00	27.73 -0.18 0.00	28.17 -0.22 0.00	25.01 -0.32 0.00	24.92 -0.19 0.00	28.68 -0.20 0.00	25.65 -0.24 0.00	27.44 -0.23 0.00	30.45 -0.28 0.00	30.79 -0.42 0.00	29.42 -0.45 0.00	31.51 -0.48 0.00	33.46 -0.49 0.00	41.65 -0.69 0.00	39.52 -0.22 0.00	36.94 0.14 0.00	35.72 0.10 -1.18	37.50 -0.34 0.00	30.91 -0.33 0.00	26.25 -0.48 0.00	24.89 -0.59 0.00	28.11 -0.66 0.00	24.42 -0.63 0.00
NEG CENTRAL___STATE_STREET 24147	27.95 -0.05 0.00	29.05 -0.03 0.00	27.92 0.01 0.00	28.25 -0.14 0.00	25.22 -0.11 0.00	25.07 -0.05 0.00	28.85 -0.04 0.00	25.83 -0.07 0.00	27.59 -0.08 0.00	30.63 -0.09 0.00	30.95 -0.26 0.00	29.70 -0.17 0.00	31.85 -0.13 0.00	33.67 -0.28 0.00	41.93 -0.40 0.00	39.51 -0.22 0.00	37.05 0.24 0.00	35.79 0.26 -1.09	37.91 0.07 0.00	31.12 -0.13 0.00	26.57 -0.16 0.00	25.29 -0.19 0.00	28.55 -0.22 0.00	24.77 -0.28 0.00

NEG MILLWOOD___DRP 24198	28.85 0.85 0.00	29.90 0.82 0.00	28.67 0.75 0.00	29.13 0.73 0.00	26.12 0.79 0.00	26.02 0.90 0.00	29.94 1.06 0.00	26.97 1.08 0.00	28.94 1.27 0.00	32.31 1.59 0.00	32.97 1.76 0.00	31.73 1.86 0.00	34.06 2.08 0.00	36.19 2.24 0.00	45.01 2.67 0.00	42.30 2.56 0.00	39.38 2.57 0.00	42.09 2.87 -4.78	40.70 2.85 0.00	33.51 2.26 0.00	28.53 1.80 0.00	27.09 1.61 0.00	30.33 1.56 0.00	26.24 1.20 0.00
NEG NORTH_FLCN_SEA 23793	29.69 1.69 0.00	30.83 1.75 0.00	29.65 1.73 0.00	30.16 1.76 0.00	26.73 1.40 0.00	26.28 1.16 0.00	30.20 1.32 0.00	27.09 1.20 0.00	29.11 1.44 0.00	32.13 1.40 0.00	32.76 1.55 0.00	31.36 1.49 0.00	33.52 1.54 0.00	35.38 1.44 0.00	44.10 1.77 0.00	41.33 1.59 0.00	38.23 1.43 0.00	35.17 0.74 0.00	38.34 0.49 0.00	31.19 -0.06 0.00	26.50 -0.23 0.00	25.46 -0.01 0.00	29.08 0.31 0.00	25.72 0.67 0.00
NEG NORTH_KES_CHATEGAY 23792	29.41 1.41 0.00	30.53 1.46 0.00	29.31 1.40 0.00	29.83 1.43 0.00	26.48 1.15 0.00	26.12 1.00 0.00	30.04 1.16 0.00	26.94 1.05 0.00	28.93 1.26 0.00	32.00 1.28 0.00	32.58 1.37 0.00	31.15 1.28 0.00	33.31 1.32 0.00	35.17 1.23 0.00	43.87 1.53 0.00	41.13 1.39 0.00	37.95 1.14 0.00	34.93 0.50 0.00	38.19 0.34 0.00	31.12 -0.12 0.00	26.53 -0.20 0.00	25.46 -0.02 0.00	28.97 0.20 0.00	25.57 0.53 0.00
NEG NORTH___ALICE_FALLS 23915	29.72 1.71 0.00	30.84 1.76 0.00	29.63 1.72 0.00	30.15 1.75 0.00	26.74 1.41 0.00	26.31 1.20 0.00	30.29 1.41 0.00	27.17 1.28 0.00	29.22 1.55 0.00	32.28 1.55 0.00	32.90 1.70 0.00	31.49 1.62 0.00	33.68 1.69 0.00	35.53 1.58 0.00	44.31 1.98 0.00	41.54 1.80 0.00	38.44 1.63 0.00	35.38 0.94 0.00	38.59 0.74 0.00	31.39 0.14 0.00	26.67 -0.06 0.00	25.60 0.12 0.00	29.17 0.40 0.00	25.75 0.70 0.00
NEG NORTH___LWR_SARANAC 23913	29.72 1.71 0.00	30.84 1.76 0.00	29.63 1.72 0.00	30.15 1.75 0.00	26.74 1.41 0.00	26.31 1.20 0.00	30.29 1.41 0.00	27.17 1.28 0.00	29.22 1.55 0.00	32.28 1.55 0.00	32.90 1.70 0.00	31.49 1.62 0.00	33.68 1.69 0.00	35.53 1.58 0.00	44.31 1.98 0.00	41.54 1.80 0.00	38.44 1.63 0.00	35.38 0.94 0.00	38.59 0.74 0.00	31.39 0.14 0.00	26.67 -0.06 0.00	25.60 0.12 0.00	29.17 0.40 0.00	25.75 0.70 0.00
NEG NORTH___PLATTSBURG 23628	29.72 1.72 0.00	30.84 1.76 0.00	29.63 1.72 0.00	30.15 1.75 0.00	26.74 1.41 0.00	26.31 1.20 0.00	30.29 1.41 0.00	27.17 1.28 0.00	29.22 1.55 0.00	32.27 1.55 0.00	32.90 1.69 0.00	31.49 1.62 0.00	33.67 1.69 0.00	35.53 1.58 0.00	44.31 1.98 0.00	41.54 1.80 0.00	38.44 1.64 0.00	35.37 0.94 0.00	38.59 0.74 0.00	31.39 0.14 0.00	26.67 -0.06 0.00	25.60 0.12 0.00	29.17 0.40 0.00	25.75 0.71 0.00
NEG WEST_LEA_LOCKPORT 23791	27.02 -0.97 0.00	28.22 -0.86 0.00	27.07 -0.85 0.00	27.60 -0.79 0.00	24.38 -0.95 0.00	24.27 -0.84 0.00	27.89 -1.00 0.00	24.37 -1.53 0.00	26.10 -1.57 0.00	28.95 -1.77 0.00	29.03 -2.18 0.00	27.68 -2.19 0.00	29.62 -2.37 0.00	31.57 -2.37 0.00	39.48 -2.85 0.00	37.59 -2.15 0.00	35.28 -1.52 0.00	33.86 -1.78 -1.20	35.36 -2.49 0.00	29.17 -2.08 0.00	24.95 -1.78 0.00	23.64 -1.83 0.00	26.75 -2.01 0.00	23.52 -1.53 0.00
NEG WEST___LANCASTR 23811	28.39 0.39 0.00	29.56 0.48 0.00	28.36 0.44 0.00	28.86 0.46 0.00	25.53 0.20 0.00	25.46 0.34 0.00	29.25 0.37 0.00	25.87 -0.02 0.00	27.74 0.07 0.00	30.78 0.06 0.00	30.98 -0.23 0.00	29.45 -0.41 0.00	31.53 -0.46 0.00	33.52 -0.43 0.00	41.86 -0.48 0.00	39.61 -0.13 0.00	37.24 0.43 0.00	35.80 0.07 -1.30	37.30 -0.55 0.00	30.79 -0.45 0.00	26.34 -0.39 0.00	24.94 -0.53 0.00	28.29 -0.47 0.00	24.69 -0.36 0.00
NEG_PENN_ALLEGHNY 23528	29.57 -0.08 -1.64	29.89 -0.09 -0.89	28.67 -0.09 -0.85	28.88 -0.16 -0.65	25.75 -0.17 -0.59	25.47 -0.12 -0.48	28.98 -0.11 -0.21	25.81 -0.11 -0.03	27.71 -0.09 -0.13	31.02 -0.12 -0.41	31.54 -0.11 -0.44	29.90 -0.09 -0.11	32.05 -0.09 -0.15	34.00 -0.05 -0.10	42.29 -0.09 -0.04	40.18 0.00 -0.43	38.14 0.24 -1.09	36.87 0.39 -2.05	37.91 0.06 0.00	31.62 0.00 -0.38	27.64 -0.12 -1.03	25.38 -0.17 -0.08	28.60 -0.17 0.00	24.81 -0.23 0.00
NEG___GEN_MONROE 24207	27.48 -0.52 0.00	28.63 -0.45 0.00	27.50 -0.41 0.00	27.97 -0.43 0.00	24.84 -0.50 0.00	24.75 -0.37 0.00	28.40 -0.48 0.00	25.18 -0.71 0.00	27.00 -0.67 0.00	29.95 -0.78 0.00	30.17 -1.04 0.00	28.77 -1.10 0.00	30.79 -1.20 0.00	32.78 -1.17 0.00	40.91 -1.42 0.00	38.78 -0.96 0.00	36.34 -0.47 0.00	34.95 -0.58 -1.09	36.80 -1.05 0.00	30.33 -0.91 0.00	25.91 -0.82 0.00	24.58 -0.89 0.00	27.80 -0.97 0.00	24.28 -0.77 0.00
NEPA___ENERGY 23901	27.36 -0.64 0.00	28.42 -0.66 0.00	27.27 -0.65 0.00	27.66 -0.74 0.00	24.50 -0.83 0.00	24.53 -0.59 0.00	28.22 -0.67 0.00	25.03 -0.86 0.00	26.80 -0.87 0.00	29.77 -0.96 0.00	30.02 -1.19 0.00	28.61 -1.26 0.00	30.61 -1.38 0.00	32.61 -1.34 0.00	40.69 -1.64 0.00	38.33 -1.41 0.00	35.92 -0.89 0.00	34.85 -0.89 -1.32	35.99 -1.86 0.00	29.66 -1.58 0.00	25.28 -1.45 0.00	24.05 -1.43 0.00	27.32 -1.45 0.00	23.76 -1.29 0.00
NEVERSINK___HYD 23608	28.51 0.50 0.00	29.55 0.47 0.00	28.34 0.43 0.00	28.78 0.38 0.00	25.79 0.46 0.00	25.67 0.55 0.00	29.56 0.68 0.00	26.69 0.80 0.00	28.59 0.92 0.00	31.91 1.19 0.00	32.55 1.34 0.00	31.31 1.43 0.00	33.58 1.60 0.00	35.65 1.70 0.00	44.36 2.02 0.00	41.70 1.95 0.00	38.81 2.01 0.00	41.06 2.29 -4.34	40.07 2.22 0.00	32.99 1.74 0.00	28.10 1.37 0.00	26.66 1.19 0.00	29.90 1.13 0.00	25.86 0.82 0.00
NEWKRMKL_115KV_TB1 55635	28.13 0.14 0.00	29.21 0.13 0.00	28.10 0.18 0.00	28.62 0.22 0.00	25.61 0.28 0.00	25.41 0.30 0.00	29.22 0.33 0.00	26.23 0.34 0.00	28.09 0.42 0.00	31.34 0.62 0.00	31.94 0.73 0.00	30.65 0.78 0.00	32.90 0.92 0.00	34.93 0.98 0.00	43.47 1.13 0.00	40.86 1.12 0.00	37.96 1.15 0.00	41.54 1.38 -5.73	39.19 1.34 0.00	32.26 1.02 0.00	27.52 0.79 0.00	26.15 0.67 0.00	29.31 0.54 0.00	25.47 0.42 0.00
NEWTON___FALLS_HYD 23847	28.42 0.42 0.00	29.48 0.40 0.00	28.25 0.34 0.00	28.75 0.35 0.00	25.57 0.24 0.00	25.26 0.15 0.00	28.99 0.11 0.00	26.00 0.11 0.00	27.79 0.12 0.00	30.82 0.10 0.00	31.24 0.03 0.00	29.77 -0.10 0.00	31.67 -0.32 0.00	33.58 -0.37 0.00	41.76 -0.57 0.00	38.90 -0.85 0.00	35.77 -1.03 0.00	33.44 -1.26 -0.28	36.52 -1.33 0.00	30.14 -1.11 0.00	26.04 -0.69 0.00	25.10 -0.38 0.00	28.57 -0.19 0.00	24.88 -0.17 0.00
NGRID_A1_DSASP 323792	22.70 -1.43 3.87	25.56 -1.41 2.10	24.53 -1.38 2.01	25.51 -1.35 1.53	22.51 -1.44 1.39	22.64 -1.35 1.13	26.80 -1.60 0.49	23.91 -1.90 0.08	25.42 -1.93 0.31	27.58 -2.18 0.97	27.53 -2.65 1.03	26.97 -2.63 0.27	28.82 -2.80 0.36	30.86 -2.85 0.24	38.71 -3.52 0.10	35.88 -2.84 1.02	32.25 -1.99 2.57	33.22 -2.43 -1.21	34.68 -3.17 0.00	27.75 -2.61 0.89	22.18 -2.12 2.42	23.11 -2.18 0.19	26.36 -2.41 0.00	23.14 -1.91 0.00

NGRID_A2_DSASP 323793	22.70 -1.43 3.87	25.56 -1.41 2.10	24.53 -1.38 2.01	25.51 -1.35 1.53	22.51 -1.44 1.39	22.64 -1.35 1.13	26.80 -1.60 0.49	23.91 -1.90 0.08	25.42 -1.93 0.31	27.58 -2.18 0.97	27.53 -2.65 1.03	26.97 -2.63 0.27	28.82 -2.80 0.36	30.86 -2.85 0.24	38.71 -3.52 0.10	35.88 -2.84 1.02	32.25 -1.99 2.57	33.22 -2.43 -1.21	34.68 -3.17 0.00	27.75 -2.61 0.89	22.18 -2.12 2.42	23.11 -2.18 0.19	26.36 -2.41 0.00	23.14 -1.91 0.00
NGRID_A4_DSASP 323807	22.70 -1.43 3.87	25.56 -1.41 2.10	24.53 -1.38 2.01	25.51 -1.35 1.53	22.51 -1.44 1.39	22.64 -1.35 1.13	26.80 -1.60 0.49	23.91 -1.90 0.08	25.42 -1.93 0.31	27.58 -2.18 0.97	27.53 -2.65 1.03	26.97 -2.63 0.27	28.82 -2.80 0.36	30.86 -2.85 0.24	38.71 -3.52 0.10	35.88 -2.84 1.02	32.25 -1.99 2.57	33.22 -2.43 -1.21	34.68 -3.17 0.00	27.75 -2.61 0.89	22.18 -2.12 2.42	23.11 -2.18 0.19	26.36 -2.41 0.00	23.14 -1.91 0.00
NIAGARA_115E_LBMP 323715	22.84 -1.35 3.81	25.80 -1.21 2.07	24.76 -1.18 1.98	25.78 -1.10 1.51	22.75 -1.22 1.37	22.88 -1.13 1.11	27.07 -1.33 0.48	23.96 -1.86 0.08	25.37 -1.99 0.31	27.50 -2.27 0.95	27.48 -2.71 1.02	26.91 -2.69 0.27	28.74 -2.88 0.36	30.82 -2.89 0.24	38.65 -3.58 0.10	35.84 -2.90 1.01	32.07 -2.21 2.53	33.20 -2.45 -1.22	34.65 -3.20 0.00	27.70 -2.67 0.87	22.10 -2.24 2.39	23.04 -2.25 0.18	26.29 -2.48 0.00	23.20 -1.85 0.00
NIAGARA_115W_LBMP 323714	22.66 -1.47 3.87	25.51 -1.47 2.10	24.48 -1.43 2.01	25.46 -1.41 1.53	22.46 -1.49 1.38	22.59 -1.40 1.13	26.75 -1.65 0.49	23.86 -1.95 0.08	25.37 -1.99 0.31	27.52 -2.24 0.97	27.47 -2.71 1.03	26.92 -2.69 0.27	28.75 -2.87 0.36	30.79 -2.92 0.24	38.63 -3.61 0.10	35.79 -2.93 1.02	32.19 -2.05 2.57	33.14 -2.51 -1.21	34.59 -3.25 0.00	27.69 -2.68 0.88	22.14 -2.17 2.42	23.06 -2.23 0.19	26.30 -2.47 0.00	23.10 -1.95 0.00
NIAGARA_230_LBMP 323716	22.84 -1.33 3.83	25.75 -1.25 2.08	24.72 -1.21 1.99	25.70 -1.17 1.52	22.68 -1.28 1.37	22.82 -1.18 1.12	27.01 -1.39 0.48	24.12 -1.69 0.08	25.63 -1.73 0.31	27.80 -1.97 0.96	27.78 -2.41 1.03	27.20 -2.40 0.27	29.06 -2.56 0.36	31.09 -2.62 0.24	39.02 -3.22 0.10	36.12 -2.61 1.01	32.29 -1.97 2.54	33.44 -2.20 -1.21	34.94 -2.91 0.00	27.96 -2.41 0.88	22.32 -2.01 2.40	23.27 -2.02 0.18	26.56 -2.21 0.00	23.31 -1.74 0.00
NIAGARA__115KV_198_GIBSON 55903	26.52 -1.47 0.00	27.61 -1.47 0.00	26.49 -1.43 0.00	26.99 -1.41 0.00	23.84 -1.49 0.00	23.72 -1.40 0.00	27.24 -1.65 0.00	23.94 -1.95 0.00	25.68 -1.99 0.00	28.49 -2.23 0.00	28.56 -2.65 0.00	27.23 -2.63 0.00	29.13 -2.85 0.00	31.06 -2.88 0.00	38.71 -3.62 0.00	36.83 -2.91 0.00	34.75 -2.05 0.00	33.14 -2.51 -1.21	34.60 -3.25 0.00	28.60 -2.65 0.00	24.57 -2.16 0.00	23.24 -2.23 0.00	26.30 -2.47 0.00	23.10 -1.95 0.00
NIAGARA____ 23760	22.84 -1.33 3.83	25.75 -1.25 2.08	24.71 -1.21 1.99	25.70 -1.17 1.52	22.68 -1.28 1.37	22.82 -1.18 1.12	27.01 -1.39 0.49	24.12 -1.69 0.08	25.63 -1.73 0.31	27.80 -1.97 0.96	27.78 -2.41 1.03	27.20 -2.40 0.27	29.06 -2.56 0.36	31.09 -2.62 0.24	39.02 -3.22 0.10	36.12 -2.61 1.01	32.29 -1.97 2.54	33.44 -2.20 -1.21	34.94 -2.91 0.00	27.96 -2.41 0.88	22.32 -2.01 2.40	23.27 -2.02 0.18	26.56 -2.21 0.00	23.31 -1.74 0.00
NINE_MILE_1 23575	27.11 -0.89 0.00	28.17 -0.91 0.00	27.04 -0.87 0.00	27.49 -0.90 0.00	24.50 -0.84 0.00	24.29 -0.82 0.00	27.94 -0.95 0.00	25.01 -0.88 0.00	26.64 -1.03 0.00	29.47 -1.25 0.00	29.91 -1.30 0.00	28.64 -1.23 0.00	30.68 -1.31 0.00	32.56 -1.38 0.00	40.57 -1.76 0.00	38.16 -1.59 0.00	35.49 -1.32 0.00	33.97 -1.19 -0.72	36.40 -1.45 0.00	30.01 -1.24 0.00	25.65 -1.08 0.00	24.45 -1.03 0.00	27.71 -1.06 0.00	24.17 -0.88 0.00
NINE_MILE_2 23744	27.11 -0.89 0.00	28.17 -0.90 0.00	27.05 -0.87 0.00	27.51 -0.89 0.00	24.50 -0.84 0.00	24.29 -0.82 0.00	27.94 -0.94 0.00	25.01 -0.88 0.00	26.64 -1.03 0.00	29.48 -1.24 0.00	29.91 -1.30 0.00	28.64 -1.23 0.00	30.68 -1.31 0.00	32.56 -1.38 0.00	40.57 -1.76 0.00	38.16 -1.59 0.00	35.49 -1.32 0.00	33.96 -1.19 -0.72	36.40 -1.45 0.00	30.01 -1.23 0.00	25.65 -1.08 0.00	24.45 -1.02 0.00	27.71 -1.06 0.00	24.17 -0.88 0.00
NM_CAPITAL____DRP 24208	28.21 0.21 0.00	29.27 0.20 0.00	28.17 0.25 0.00	28.70 0.31 0.00	25.69 0.35 0.00	25.49 0.38 0.00	29.31 0.42 0.00	26.29 0.41 0.00	28.16 0.50 0.00	31.41 0.69 0.00	32.02 0.81 0.00	30.72 0.85 0.00	32.97 0.98 0.00	35.00 1.06 0.00	43.57 1.23 0.00	40.93 1.19 0.00	38.03 1.22 0.00	41.60 1.46 -5.71	39.28 1.44 0.00	32.34 1.10 0.00	27.59 0.86 0.00	26.21 0.74 0.00	29.38 0.61 0.00	25.54 0.49 0.00
NM_CENTRAL____DRP 24181	27.55 -0.45 0.00	28.64 -0.45 0.00	27.48 -0.43 0.00	27.93 -0.46 0.00	24.88 -0.45 0.00	24.69 -0.43 0.00	28.42 -0.47 0.00	25.44 -0.45 0.00	27.14 -0.53 0.00	30.07 -0.65 0.00	30.53 -0.68 0.00	29.23 -0.64 0.00	31.30 -0.69 0.00	33.26 -0.68 0.00	41.44 -0.90 0.00	39.00 -0.74 0.00	36.32 -0.48 0.00	34.95 -0.37 -0.89	37.22 -0.63 0.00	30.67 -0.57 0.00	26.18 -0.55 0.00	24.91 -0.56 0.00	28.19 -0.58 0.00	24.55 -0.50 0.00
NM_FRONTIER____DRP 24179	26.52 -1.47 0.00	27.61 -1.47 0.00	26.49 -1.43 0.00	26.99 -1.41 0.00	23.84 -1.49 0.00	23.72 -1.40 0.00	27.24 -1.65 0.00	23.94 -1.95 0.00	25.68 -1.99 0.00	28.49 -2.23 0.00	28.56 -2.65 0.00	27.23 -2.63 0.00	29.13 -2.85 0.00	31.06 -2.88 0.00	38.71 -3.62 0.00	36.83 -2.91 0.00	34.75 -2.05 0.00	33.14 -2.51 -1.21	34.60 -3.25 0.00	28.60 -2.65 0.00	24.57 -2.16 0.00	23.24 -2.23 0.00	26.30 -2.47 0.00	23.10 -1.95 0.00
NM_ST_REGIS____HYD 24053	29.06 1.06 0.00	30.15 1.08 0.00	28.90 0.98 0.00	29.42 1.02 0.00	26.16 0.82 0.00	25.78 0.66 0.00	29.54 0.66 0.00	26.50 0.61 0.00	28.39 0.72 0.00	31.52 0.79 0.00	32.11 0.90 0.00	30.54 0.67 0.00	32.62 0.64 0.00	34.49 0.54 0.00	43.09 0.75 0.00	40.21 0.46 0.00	36.76 -0.04 0.00	34.07 -0.50 -0.14	37.43 -0.42 0.00	30.82 -0.43 0.00	26.65 -0.08 0.00	25.72 0.24 0.00	29.26 0.49 0.00	25.57 0.52 0.00
NORTHPORT____1 23551	29.17 1.17 0.00	30.15 1.08 0.00	28.70 0.79 0.00	29.12 0.72 0.00	26.22 0.89 0.00	26.31 1.19 0.00	30.00 1.11 0.00	27.21 1.32 0.00	29.30 1.63 0.00	36.96 2.23 -4.00	47.55 2.44 -13.89	42.09 2.48 -9.74	46.56 2.68 -11.89	75.68 2.91 -38.82	57.11 3.41 -11.36	42.98 3.24 0.00	49.94 2.99 -10.15	73.23 3.30 -35.50	52.51 3.42 -11.25	93.83 2.84 -59.74	46.08 2.27 -17.08	29.45 2.07 -1.90	30.79 2.02 0.00	26.11 1.52 0.46
NORTHPORT____2 23552	29.17 1.17 0.00	30.15 1.08 0.00	28.70 0.79 0.00	29.12 0.72 0.00	26.22 0.89 0.00	26.31 1.19 0.00	30.00 1.11 0.00	27.21 1.32 0.00	29.30 1.63 0.00	36.96 2.23 -4.00	47.55 2.44 -13.89	42.09 2.48 -9.74	46.56 2.68 -11.89	75.68 2.91 -38.82	57.11 3.41 -11.36	42.98 3.24 0.00	49.94 2.99 -10.15	73.23 3.30 -35.50	52.51 3.42 -11.25	93.83 2.84 -59.74	46.08 2.27 -17.08	29.45 2.07 -1.90	30.79 2.02 0.00	26.11 1.52 0.46

NORTHPORT___3 23553	29.05 1.05 0.00	30.05 0.97 0.00	28.62 0.71 0.00	29.04 0.65 0.00	26.12 0.79 0.00	26.19 1.07 0.00	29.93 1.04 0.00	27.11 1.22 0.00	29.19 1.52 0.00	36.77 2.06 -3.99	47.33 2.27 -13.85	41.91 2.32 -9.72	46.38 2.54 -11.86	75.48 2.75 -38.78	56.94 3.25 -11.35	42.85 3.11 0.00	49.92 2.90 -10.21	73.34 3.21 -35.70	52.38 3.30 -11.24	93.61 2.72 -59.65	45.93 2.17 -17.03	29.35 1.97 -1.90	30.69 1.92 0.00	25.99 1.42 0.48
NORTHPORT___4 23650	29.05 1.05 0.00	30.05 0.97 0.00	28.62 0.71 0.00	29.04 0.65 0.00	26.12 0.79 0.00	26.19 1.07 0.00	29.93 1.04 0.00	27.11 1.22 0.00	29.19 1.52 0.00	36.77 2.06 -3.99	47.33 2.27 -13.85	41.91 2.32 -9.72	46.38 2.54 -11.86	75.48 2.75 -38.78	56.94 3.25 -11.35	42.85 3.11 0.00	49.92 2.90 -10.21	73.34 3.21 -35.70	52.38 3.30 -11.24	93.61 2.72 -59.65	45.93 2.17 -17.03	29.35 1.97 -1.90	30.69 1.92 0.00	25.99 1.42 0.48
NORTHPORT___IC 23718	29.17 1.17 0.00	30.15 1.08 0.00	28.70 0.79 0.00	29.12 0.72 0.00	26.22 0.89 0.00	26.31 1.19 0.00	30.00 1.11 0.00	27.21 1.32 0.00	29.30 1.63 0.00	36.96 2.23 -4.00	47.55 2.44 -13.89	42.09 2.48 -9.74	46.56 2.68 -11.89	75.68 2.91 -38.82	57.11 3.41 -11.36	42.98 3.24 0.00	49.94 2.99 -10.15	73.23 3.30 -35.50	52.51 3.42 -11.25	93.83 2.84 -59.74	46.08 2.27 -17.08	29.45 2.07 -1.90	30.79 2.02 0.00	26.11 1.52 0.46
NORTH___COUNTRY_ESR 323785	29.31 1.31 0.00	30.42 1.34 0.00	29.21 1.30 0.00	29.72 1.32 0.00	26.40 1.06 0.00	26.03 0.91 0.00	29.94 1.05 0.00	26.84 0.95 0.00	28.81 1.14 0.00	31.88 1.16 0.00	32.45 1.24 0.00	31.02 1.15 0.00	33.17 1.18 0.00	35.04 1.09 0.00	43.70 1.36 0.00	40.94 1.20 0.00	37.77 0.96 0.00	34.76 0.33 0.00	38.02 0.17 0.00	30.97 -0.28 0.00	26.40 -0.33 0.00	25.33 -0.15 0.00	28.84 0.07 0.00	25.46 0.41 0.00
NPX_GEN_1385_PROXY 323591	29.33 1.33 0.00	30.32 1.24 0.00	28.53 0.62 0.00	28.96 0.56 0.00	26.24 0.91 0.00	26.71 1.59 0.00	29.97 1.08 0.00	27.40 1.51 0.00	29.51 1.84 0.00	37.29 2.56 -4.00	47.82 2.71 -13.89	42.35 2.74 -9.74	46.96 3.09 -11.89	76.46 3.69 -38.82	58.15 4.45 -11.36	43.44 3.70 0.00	50.02 3.07 -10.15	73.59 3.66 -35.50	52.85 3.76 -11.25	94.37 3.38 -59.74	46.31 2.51 -17.08	29.64 2.26 -1.90	30.76 1.99 0.00	26.15 1.57 0.46
NPX_GEN_CSC 323557	29.56 1.56 0.00	30.54 1.46 0.00	29.08 1.16 0.00	29.49 1.09 0.00	26.55 1.22 0.00	26.62 1.51 0.00	30.42 1.54 0.00	27.59 1.70 0.00	29.79 2.12 0.00	37.52 2.81 -3.98	48.07 3.05 -13.82	42.63 3.07 -9.69	47.13 3.32 -11.83	76.32 3.62 -38.75	57.95 4.28 -11.34	43.87 4.13 0.00	51.02 3.93 -10.28	74.49 4.17 -35.88	53.44 4.36 -11.23	94.38 3.56 -59.58	46.58 2.86 -17.00	29.95 2.57 -1.91	31.32 2.55 0.00	26.58 1.93 0.40
NSINS_S_GLNS_FALLS 23858	29.22 1.22 0.00	30.24 1.16 0.00	29.10 1.18 0.00	29.63 1.23 0.00	26.55 1.22 0.00	26.38 1.27 0.00	30.38 1.49 0.00	27.20 1.31 0.00	29.25 1.58 0.00	32.59 1.86 0.00	33.30 2.09 0.00	32.13 2.26 0.00	34.51 2.52 0.00	36.64 2.69 0.00	45.58 3.25 0.00	42.67 2.93 0.00	39.73 2.92 0.00	43.23 2.93 -5.87	40.79 2.94 0.00	33.60 2.35 0.00	28.63 1.90 0.00	27.45 1.98 0.00	30.72 1.95 0.00	26.72 1.67 0.00
NUCOR_STEEL___DRP 24197	27.93 -0.07 0.00	29.02 -0.05 0.00	27.91 -0.01 0.00	28.23 -0.17 0.00	25.21 -0.12 0.00	25.05 -0.07 0.00	28.82 -0.06 0.00	25.81 -0.09 0.00	27.57 -0.10 0.00	30.61 -0.12 0.00	30.91 -0.29 0.00	29.68 -0.19 0.00	31.84 -0.15 0.00	33.63 -0.31 0.00	41.90 -0.44 0.00	39.46 -0.28 0.00	37.02 0.21 0.00	35.72 0.22 -1.07	37.88 0.04 0.00	31.09 -0.16 0.00	26.56 -0.17 0.00	25.29 -0.18 0.00	28.55 -0.22 0.00	24.77 -0.28 0.00
NUMBER_THREE_WT_PWR 323818	28.47 0.47 0.00	29.54 0.45 0.00	28.31 0.40 0.00	28.80 0.41 0.00	25.60 0.27 0.00	25.37 0.25 0.00	29.19 0.30 0.00	26.17 0.28 0.00	27.90 0.23 0.00	30.88 0.15 0.00	31.09 -0.12 0.00	29.72 -0.15 0.00	31.49 -0.50 0.00	33.52 -0.42 0.00	41.46 -0.88 0.00	38.57 -1.18 0.00	35.80 -1.01 0.00	33.66 -1.15 -0.37	36.50 -1.35 0.00	30.13 -1.12 0.00	25.90 -0.83 0.00	24.89 -0.58 0.00	28.40 -0.37 0.00	24.70 -0.35 0.00
NYISO_LBMP_REFERENCE 24008	28.00 0.00 0.00	29.08 0.00 0.00	27.92 0.00 0.00	28.39 0.00 0.00	25.33 0.00 0.00	25.12 0.00 0.00	28.88 0.00 0.00	25.89 0.00 0.00	27.67 0.00 0.00	30.72 0.00 0.00	31.21 0.00 0.00	29.87 0.00 0.00	31.98 0.00 0.00	33.95 0.00 0.00	42.34 0.00 0.00	39.74 0.00 0.00	36.81 0.00 0.00	34.43 0.00 0.00	37.85 0.00 0.00	31.25 0.00 0.00	26.73 0.00 0.00	25.48 0.00 0.00	28.77 0.00 0.00	25.05 0.00 0.00
NYPA_BRENTWD____GT 24164	29.46 1.46 0.00	30.45 1.37 0.00	29.00 1.09 0.00	29.41 1.01 0.00	26.47 1.14 0.00	26.54 1.42 0.00	30.32 1.44 0.00	27.50 1.61 0.00	29.63 1.96 0.00	37.27 2.60 -3.96	47.79 2.85 -13.72	42.37 2.87 -9.63	46.84 3.11 -11.75	75.99 3.38 -38.66	57.52 3.88 -11.31	43.44 3.70 0.00	50.68 3.45 -10.43	74.37 3.61 -36.33	52.95 3.89 -11.21	93.89 3.28 -59.37	46.31 2.67 -16.90	29.81 2.43 -1.91	31.16 2.39 0.00	26.54 1.82 0.33
NYPA_GOWANUS____GT5 24156	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
NYPA_GOWANUS____GT6 24157	28.63 0.63 0.00	29.66 0.58 0.00	28.38 0.47 0.00	28.83 0.43 0.00	25.86 0.53 0.00	25.81 0.69 0.00	29.71 0.83 0.00	26.80 0.91 0.00	28.74 1.07 0.00	32.09 1.37 0.00	32.75 1.54 0.00	31.53 1.66 0.00	33.85 1.86 0.00	35.95 2.00 0.00	44.63 2.30 0.00	41.94 2.20 0.00	39.04 2.23 0.00	41.75 2.60 -4.72	40.43 2.58 0.00	33.30 2.05 0.00	28.36 1.63 0.00	26.94 1.46 0.00	30.17 1.40 0.00	26.10 1.05 0.00
NYPA_HARLEM__RVR__GT1 24160	28.51 0.52 0.00	29.58 0.51 0.00	28.35 0.43 0.00	28.76 0.38 0.01	25.83 0.51 0.00	25.76 0.64 0.01	29.64 0.76 0.01	26.78 0.89 0.00	28.68 1.01 0.00	32.02 1.30 0.00	32.70 1.49 0.00	31.41 1.54 0.00	33.72 1.73 0.00	35.76 1.81 0.00	44.45 2.11 0.00	41.76 2.02 0.00	38.87 2.07 0.00	41.59 2.44 -4.72	40.28 2.43 0.00	33.16 1.91 0.00	28.24 1.51 0.00	26.84 1.37 0.00	30.03 1.26 0.00	25.99 0.94 0.00
NYPA_HARLEM__RVR__GT2 24161	28.51 0.52 0.00	29.58 0.51 0.00	28.35 0.43 0.00	28.76 0.38 0.01	25.83 0.51 0.00	25.76 0.64 0.01	29.64 0.76 0.01	26.78 0.89 0.00	28.68 1.01 0.00	32.02 1.30 0.00	32.70 1.49 0.00	31.41 1.54 0.00	33.72 1.73 0.00	35.76 1.81 0.00	44.45 2.11 0.00	41.76 2.02 0.00	38.87 2.07 0.00	41.59 2.44 -4.72	40.28 2.43 0.00	33.16 1.91 0.00	28.24 1.51 0.00	26.84 1.37 0.00	30.03 1.26 0.00	25.99 0.94 0.00

NYPA_KENT____GT 24152	28.60 0.60 0.00	29.64 0.56 0.00	28.37 0.46 0.00	28.81 0.42 0.00	25.85 0.52 0.00	25.79 0.67 0.00	29.70 0.81 0.00	26.79 0.90 0.00	28.72 1.05 0.00	32.08 1.35 0.00	32.74 1.53 0.00	31.50 1.63 0.00	33.82 1.83 0.00	35.91 1.97 0.00	44.60 2.27 0.00	41.92 2.18 0.00	39.02 2.22 0.00	41.73 2.57 -4.72	40.39 2.54 0.00	33.27 2.02 0.00	28.34 1.61 0.00	26.92 1.44 0.00	30.14 1.38 0.00	26.08 1.03 0.00
NYPA_POUCH1____GT 24155	28.60 0.60 0.00	29.63 0.55 0.00	28.36 0.45 0.00	28.81 0.42 0.00	25.84 0.51 0.00	25.79 0.67 0.00	29.70 0.82 0.00	26.79 0.90 0.00	28.70 1.03 0.00	32.05 1.32 0.00	32.72 1.50 0.00	31.48 1.61 0.00	33.79 1.81 0.00	35.89 1.95 0.00	44.57 2.24 0.00	41.87 2.13 0.00	38.97 2.16 0.00	41.70 2.55 -4.72	40.37 2.52 0.00	33.26 2.01 0.00	28.32 1.59 0.00	26.91 1.43 0.00	30.14 1.38 0.00	26.08 1.03 0.00
NYPA_VERNON____GT2 24162	28.58 0.58 0.00	29.62 0.55 0.00	28.36 0.45 0.00	28.81 0.41 0.00	25.84 0.51 0.00	25.78 0.67 0.00	29.67 0.79 0.00	26.78 0.88 0.00	28.71 1.05 0.00	32.06 1.34 0.00	32.72 1.51 0.00	31.48 1.61 0.00	33.79 1.81 0.00	35.88 1.94 0.00	44.58 2.25 0.00	41.90 2.16 0.00	39.00 2.19 0.00	41.70 2.54 -4.72	40.35 2.50 0.00	33.25 2.00 0.00	28.31 1.58 0.00	26.90 1.42 0.00	30.12 1.35 0.00	26.05 1.00 0.00
NYPA_VERNON____GT3 24163	28.58 0.58 0.00	29.62 0.55 0.00	28.36 0.45 0.00	28.81 0.41 0.00	25.84 0.51 0.00	25.78 0.67 0.00	29.67 0.79 0.00	26.78 0.88 0.00	28.71 1.05 0.00	32.06 1.34 0.00	32.72 1.51 0.00	31.48 1.61 0.00	33.79 1.81 0.00	35.88 1.94 0.00	44.58 2.25 0.00	41.90 2.16 0.00	39.00 2.19 0.00	41.70 2.54 -4.72	40.35 2.50 0.00	33.25 2.00 0.00	28.31 1.58 0.00	26.90 1.42 0.00	30.12 1.35 0.00	26.05 1.00 0.00
NYPA____ASTORIA_CC1 323568	28.53 0.53 0.00	29.58 0.50 0.00	28.32 0.41 0.00	28.76 0.37 0.00	25.81 0.48 0.00	25.74 0.62 0.00	29.63 0.75 0.00	26.74 0.85 0.00	28.67 1.00 0.00	32.01 1.29 0.00	32.68 1.47 0.00	31.43 1.56 0.00	33.74 1.75 0.00	35.82 1.87 0.00	44.50 2.16 0.00	41.82 2.08 0.00	38.94 2.13 0.00	41.63 2.48 -4.72	40.29 2.44 0.00	33.19 1.95 0.00	28.26 1.54 0.00	26.85 1.38 0.00	30.07 1.30 0.00	26.00 0.95 0.00
NYPA____ASTORIA_CC2 323569	28.53 0.53 0.00	29.58 0.50 0.00	28.32 0.41 0.00	28.76 0.37 0.00	25.81 0.48 0.00	25.74 0.62 0.00	29.63 0.75 0.00	26.74 0.85 0.00	28.67 1.00 0.00	32.01 1.29 0.00	32.68 1.47 0.00	31.43 1.56 0.00	33.74 1.75 0.00	35.82 1.87 0.00	44.50 2.16 0.00	41.82 2.08 0.00	38.94 2.13 0.00	41.63 2.48 -4.72	40.29 2.44 0.00	33.19 1.95 0.00	28.26 1.54 0.00	26.85 1.38 0.00	30.07 1.30 0.00	26.00 0.95 0.00
NYPA____HOLTSVILL 23794	29.37 1.37 0.00	30.36 1.28 0.00	28.90 0.99 0.00	29.32 0.93 0.00	26.40 1.07 0.00	26.47 1.35 0.00	30.24 1.35 0.00	27.42 1.53 0.00	29.56 1.89 0.00	37.24 2.53 -3.98	47.80 2.76 -13.82	42.36 2.79 -9.70	46.84 3.03 -11.83	76.00 3.29 -38.76	57.54 3.87 -11.34	43.48 3.74 0.00	50.59 3.52 -10.26	74.07 3.79 -35.84	53.03 3.95 -11.23	94.07 3.24 -59.59	46.33 2.60 -17.00	29.73 2.35 -1.91	31.09 2.32 0.00	26.38 1.74 0.41
NYPA____HELLGATE_GT1 24158	28.48 0.48 0.00	29.54 0.46 0.00	28.31 0.40 0.00	28.72 0.34 0.01	25.79 0.47 0.00	25.72 0.61 0.01	29.59 0.71 0.01	26.75 0.86 0.00	28.64 0.97 0.00	31.98 1.26 0.00	32.66 1.46 0.00	31.39 1.52 0.00	33.69 1.70 0.00	35.72 1.78 0.00	44.41 2.07 0.00	41.72 1.98 0.00	38.84 2.04 0.00	41.56 2.41 -4.72	40.26 2.41 0.00	33.13 1.88 0.00	28.22 1.49 0.00	26.82 1.35 0.00	30.00 1.23 0.00	25.97 0.92 0.00
NYPA____HELLGATE_GT2 24159	28.48 0.48 0.00	29.54 0.46 0.00	28.31 0.40 0.00	28.72 0.34 0.01	25.79 0.47 0.00	25.72 0.61 0.01	29.59 0.71 0.01	26.75 0.86 0.00	28.64 0.97 0.00	31.98 1.26 0.00	32.66 1.46 0.00	31.39 1.52 0.00	33.69 1.70 0.00	35.72 1.78 0.00	44.41 2.07 0.00	41.72 1.98 0.00	38.84 2.04 0.00	41.56 2.41 -4.72	40.26 2.41 0.00	33.13 1.88 0.00	28.22 1.49 0.00	26.82 1.35 0.00	30.00 1.23 0.00	25.97 0.92 0.00
NYS_BARGE____HYD 23848	23.58 -0.95 3.47	26.36 -0.83 1.89	25.29 -0.82 1.81	26.26 -0.76 1.38	23.17 -0.91 1.24	23.29 -0.81 1.01	27.49 -0.96 0.44	24.33 -1.49 0.07	25.84 -1.54 0.28	28.10 -1.75 0.87	28.08 -2.20 0.93	27.43 -2.20 0.24	29.31 -2.34 0.33	31.38 -2.35 0.22	39.42 -2.82 0.09	36.67 -2.16 0.92	33.01 -1.49 2.30	33.87 -1.76 -1.20	35.37 -2.48 0.00	28.37 -2.08 0.80	22.79 -1.76 2.17	23.50 -1.80 0.17	26.79 -1.98 0.00	23.56 -1.49 0.00
OAK ORCHARD____HYD 24046	25.38 -0.72 1.90	27.38 -0.67 1.03	26.27 -0.66 0.99	27.01 -0.64 0.75	23.93 -0.72 0.68	23.93 -0.64 0.55	27.94 -0.71 0.24	24.99 -0.86 0.04	26.67 -0.84 0.15	29.28 -0.97 0.48	29.44 -1.26 0.51	28.46 -1.27 0.13	30.45 -1.35 0.18	32.48 -1.35 0.12	40.64 -1.65 0.05	38.01 -1.24 0.50	34.78 -0.77 1.26	34.68 -0.84 -1.09	36.56 -1.29 0.00	29.68 -1.13 0.43	24.55 -0.99 1.19	24.36 -1.03 0.09	27.65 -1.12 0.00	24.15 -0.90 0.00
OAKDALE__35_KV_LOAD 356122	27.89 -0.11 0.00	28.96 -0.12 0.00	27.79 -0.12 0.00	28.21 -0.19 0.00	25.14 -0.19 0.00	24.97 -0.14 0.00	28.75 -0.14 0.00	25.75 -0.13 0.00	27.55 -0.12 0.00	30.57 -0.15 0.00	31.07 -0.14 0.00	29.75 -0.12 0.00	31.86 -0.12 0.00	33.85 -0.09 0.00	42.19 -0.14 0.00	39.69 -0.06 0.00	36.98 0.17 0.00	36.80 0.33 -2.04	37.85 0.01 0.00	31.21 -0.04 0.00	26.58 -0.15 0.00	25.29 -0.18 0.00	28.58 -0.19 0.00	24.81 -0.24 0.00
OCC_CHEM____DRP 24175	26.57 -1.43 0.00	27.67 -1.41 0.00	26.54 -1.37 0.00	27.04 -1.35 0.00	23.89 -1.44 0.00	23.77 -1.35 0.00	27.29 -1.59 0.00	23.99 -1.90 0.00	25.74 -1.93 0.00	28.55 -2.17 0.00	28.62 -2.58 0.00	27.29 -2.58 0.00	29.20 -2.78 0.00	31.13 -2.81 0.00	38.80 -3.53 0.00	36.91 -2.83 0.00	34.81 -1.99 0.00	33.22 -2.43 -1.21	34.68 -3.17 0.00	28.66 -2.58 0.00	24.61 -2.12 0.00	23.29 -2.18 0.00	26.36 -2.41 0.00	23.15 -1.90 0.00
OH_GEN_PROXY 24063	22.62 -1.31 4.07	25.63 -1.24 2.21	24.61 -1.19 2.11	25.63 -1.16 1.61	22.62 -1.26 1.46	22.77 -1.16 1.19	27.02 -1.35 0.51	24.18 -1.63 0.08	25.69 -1.65 0.33	27.82 -1.88 1.02	27.81 -2.32 1.09	27.27 -2.32 0.28	29.12 -2.48 0.38	31.17 -2.52 0.25	39.13 -3.10 0.11	36.15 -2.52 1.07	32.21 -1.90 2.70	33.53 -2.11 -1.20	35.04 -2.80 0.00	27.98 -2.33 0.93	22.23 -1.95 2.55	23.33 -1.95 0.19	26.65 -2.11 0.00	23.36 -1.69 0.00
OLIN_CORP_DRP 24177	26.68 -1.32 0.00	27.89 -1.19 0.00	26.76 -1.16 0.00	27.31 -1.08 0.00	24.12 -1.21 0.00	24.00 -1.12 0.00	27.58 -1.31 0.00	24.07 -1.82 0.00	25.73 -1.93 0.00	28.53 -2.19 0.00	28.63 -2.58 0.00	27.30 -2.57 0.00	29.21 -2.78 0.00	31.16 -2.79 0.00	38.84 -3.49 0.00	36.93 -2.81 0.00	34.67 -2.14 0.00	33.27 -2.38 -1.22	34.73 -3.12 0.00	28.67 -2.58 0.00	24.55 -2.18 0.00	23.28 -2.20 0.00	26.35 -2.41 0.00	23.23 -1.82 0.00

OLIN_CORP_DSASP 323712	22.70 -1.43 3.87	25.56 -1.41 2.10	24.53 -1.38 2.01	25.51 -1.35 1.53	22.51 -1.44 1.39	22.64 -1.35 1.13	26.80 -1.60 0.49	23.91 -1.90 0.08	25.42 -1.93 0.31	27.58 -2.18 0.97	27.53 -2.65 1.03	26.97 -2.63 0.27	28.82 -2.80 0.36	30.86 -2.85 0.24	38.71 -3.52 0.10	35.88 -2.84 1.02	32.25 -1.99 2.57	33.22 -2.43 -1.21	34.68 -3.17 0.00	27.75 -2.61 0.89	22.18 -2.12 2.42	23.11 -2.18 0.19	26.36 -2.41 0.00	23.14 -1.91 0.00
ONEIDA_HERK_LFGE 323681	28.52 0.52 0.00	29.59 0.51 0.00	28.39 0.47 0.00	28.87 0.48 0.00	25.72 0.39 0.00	25.50 0.38 0.00	29.37 0.48 0.00	26.35 0.46 0.00	28.17 0.50 0.00	31.26 0.53 0.00	31.64 0.43 0.00	30.29 0.42 0.00	32.29 0.30 0.00	34.33 0.38 0.00	42.63 0.30 0.00	39.89 0.14 0.00	37.05 0.24 0.00	34.94 0.18 -0.32	37.96 0.11 0.00	31.30 0.06 0.00	26.79 0.06 0.00	25.58 0.11 0.00	28.98 0.21 0.00	25.18 0.13 0.00
ONEIDA___115KV_TB4 55905	28.58 0.58 0.00	29.68 0.60 0.00	28.49 0.57 0.00	28.96 0.57 0.00	25.80 0.47 0.00	25.60 0.49 0.00	29.50 0.61 0.00	26.47 0.58 0.00	28.33 0.67 0.00	31.46 0.74 0.00	31.93 0.72 0.00	30.58 0.72 0.00	32.70 0.72 0.00	34.75 0.80 0.00	43.24 0.91 0.00	40.62 0.87 0.00	37.81 1.01 0.00	35.92 0.93 -0.56	38.71 0.87 0.00	31.89 0.64 0.00	27.21 0.47 0.00	25.87 0.39 0.00	29.20 0.43 0.00	25.38 0.33 0.00
ONONDAGA_REF_OCCRA 23987	27.75 -0.25 0.00	28.82 -0.25 0.00	27.67 -0.25 0.00	28.11 -0.28 0.00	25.04 -0.29 0.00	24.85 -0.26 0.00	28.62 -0.27 0.00	25.63 -0.26 0.00	27.36 -0.31 0.00	30.32 -0.40 0.00	30.79 -0.42 0.00	29.49 -0.38 0.00	31.58 -0.41 0.00	33.54 -0.40 0.00	41.79 -0.55 0.00	39.32 -0.42 0.00	36.65 -0.16 0.00	35.38 -0.06 -1.00	37.56 -0.29 0.00	30.95 -0.29 0.00	26.40 -0.33 0.00	25.11 -0.36 0.00	28.41 -0.36 0.00	24.72 -0.33 0.00
ONONDAGA___COGEN 23986	27.72 -0.28 0.00	28.79 -0.28 0.00	27.64 -0.27 0.00	28.08 -0.32 0.00	25.02 -0.31 0.00	24.84 -0.28 0.00	28.59 -0.30 0.00	25.60 -0.29 0.00	27.31 -0.36 0.00	30.28 -0.45 0.00	30.72 -0.49 0.00	29.42 -0.44 0.00	31.53 -0.46 0.00	33.45 -0.49 0.00	41.68 -0.65 0.00	39.22 -0.52 0.00	36.57 -0.24 0.00	35.26 -0.15 -0.97	37.48 -0.37 0.00	30.87 -0.37 0.00	26.35 -0.38 0.00	25.07 -0.40 0.00	28.37 -0.40 0.00	24.69 -0.35 0.00
ONTARIO___LFGE 23819	27.85 -0.14 0.00	28.92 -0.16 0.00	27.73 -0.19 0.00	28.17 -0.22 0.00	25.01 -0.32 0.00	24.92 -0.19 0.00	28.69 -0.20 0.00	25.65 -0.24 0.00	27.44 -0.23 0.00	30.45 -0.27 0.00	30.78 -0.43 0.00	29.40 -0.47 0.00	31.50 -0.48 0.00	33.46 -0.49 0.00	41.66 -0.68 0.00	39.51 -0.23 0.00	36.95 0.14 0.00	35.72 0.11 -1.18	37.50 -0.34 0.00	30.91 -0.34 0.00	26.24 -0.49 0.00	24.89 -0.59 0.00	28.10 -0.67 0.00	24.43 -0.62 0.00
ORANGEVILLE_WT_PWR 323706	25.73 -0.56 1.71	27.61 -0.54 0.93	26.44 -0.59 0.89	27.07 -0.65 0.68	23.86 -0.85 0.61	23.94 -0.68 0.50	27.82 -0.86 0.22	24.94 -0.91 0.03	26.50 -1.04 0.13	29.28 -1.05 0.39	29.37 -1.43 0.41	28.27 -1.49 0.11	30.38 -1.46 0.15	32.51 -1.34 0.10	40.64 -1.65 0.04	38.02 -1.27 0.45	34.73 -0.95 1.13	34.68 -1.12 -1.37	35.89 -1.95 0.00	28.96 -1.90 0.39	23.73 -1.93 1.07	23.30 -2.09 0.08	26.41 -2.36 0.00	23.10 -1.95 0.00
ORANGEVILLE___ESR 323794	25.73 -0.56 1.71	27.61 -0.54 0.93	26.44 -0.59 0.89	27.07 -0.65 0.68	23.86 -0.85 0.61	23.94 -0.68 0.50	27.82 -0.86 0.22	24.94 -0.91 0.03	26.50 -1.04 0.13	29.28 -1.05 0.39	29.37 -1.43 0.41	28.27 -1.49 0.11	30.38 -1.46 0.15	32.51 -1.34 0.10	40.64 -1.65 0.04	38.02 -1.27 0.45	34.73 -0.95 1.13	34.68 -1.12 -1.37	35.89 -1.95 0.00	28.96 -1.90 0.39	23.73 -1.93 1.07	23.30 -2.09 0.08	26.41 -2.36 0.00	23.10 -1.95 0.00
OSWEGATCHIE___HYD 24044	28.42 0.42 0.00	29.48 0.40 0.00	28.25 0.34 0.00	28.75 0.36 0.00	25.57 0.24 0.00	25.26 0.15 0.00	28.99 0.11 0.00	26.00 0.11 0.00	27.79 0.12 0.00	30.82 0.10 0.00	31.24 0.03 0.00	29.77 -0.10 0.00	31.67 -0.32 0.00	33.58 -0.37 0.00	41.76 -0.57 0.00	38.90 -0.85 0.00	35.77 -1.04 0.00	33.44 -1.26 -0.28	36.52 -1.33 0.00	30.14 -1.11 0.00	26.04 -0.69 0.00	25.10 -0.38 0.00	28.57 -0.19 0.00	24.88 -0.17 0.00
OSWEGO___5 23606	27.33 -0.68 0.00	28.39 -0.69 0.00	27.26 -0.65 0.00	27.71 -0.69 0.00	24.69 -0.64 0.00	24.48 -0.63 0.00	28.17 -0.72 0.00	25.22 -0.67 0.00	26.89 -0.78 0.00	29.77 -0.95 0.00	30.22 -0.99 0.00	28.92 -0.95 0.00	30.98 -1.01 0.00	32.90 -1.05 0.00	40.98 -1.36 0.00	38.54 -1.21 0.00	35.87 -0.94 0.00	34.41 -0.83 -0.81	36.78 -1.07 0.00	30.31 -0.93 0.00	25.90 -0.83 0.00	24.67 -0.80 0.00	27.94 -0.83 0.00	24.35 -0.70 0.00
OSWEGO___6 23613	27.33 -0.68 0.00	28.39 -0.69 0.00	27.26 -0.65 0.00	27.71 -0.69 0.00	24.69 -0.64 0.00	24.48 -0.63 0.00	28.17 -0.72 0.00	25.22 -0.67 0.00	26.89 -0.78 0.00	29.77 -0.95 0.00	30.22 -0.99 0.00	28.92 -0.95 0.00	30.98 -1.01 0.00	32.90 -1.05 0.00	40.98 -1.36 0.00	38.54 -1.21 0.00	35.87 -0.94 0.00	34.41 -0.83 -0.81	36.78 -1.07 0.00	30.31 -0.93 0.00	25.90 -0.83 0.00	24.67 -0.80 0.00	27.94 -0.83 0.00	24.35 -0.70 0.00
OUTOKUMPU-AB___DRP 24206	27.27 -0.73 0.00	28.43 -0.65 0.00	27.26 -0.65 0.00	27.77 -0.62 0.00	24.54 -0.79 0.00	24.43 -0.68 0.00	28.08 -0.81 0.00	24.68 -1.21 0.00	26.46 -1.21 0.00	29.38 -1.34 0.00	29.48 -1.73 0.00	28.10 -1.77 0.00	30.08 -1.90 0.00	32.07 -1.87 0.00	39.98 -2.35 0.00	38.00 -1.74 0.00	35.76 -1.05 0.00	34.25 -1.41 -1.23	35.72 -2.12 0.00	29.49 -1.76 0.00	25.23 -1.50 0.00	23.89 -1.59 0.00	27.03 -1.74 0.00	23.70 -1.34 0.00
OXBOW___ 24026	23.11 -1.01 3.89	26.01 -0.96 2.11	24.95 -0.95 2.02	25.94 -0.92 1.54	22.89 -1.05 1.39	23.04 -0.94 1.13	27.27 -1.13 0.49	24.32 -1.48 0.08	25.86 -1.49 0.32	28.08 -1.68 0.97	28.04 -2.13 1.04	27.47 -2.13 0.27	29.35 -2.27 0.37	31.44 -2.27 0.24	39.44 -2.79 0.10	36.54 -2.18 1.03	32.83 -1.40 2.58	33.85 -1.80 -1.22	35.32 -2.52 0.00	28.26 -2.10 0.89	22.56 -1.73 2.43	23.48 -1.80 0.19	26.78 -1.99 0.00	23.50 -1.55 0.00
OXY_CHEM_DSASP 323612	26.57 -1.43 0.00	27.67 -1.41 0.00	26.54 -1.37 0.00	27.04 -1.35 0.00	23.89 -1.44 0.00	23.77 -1.35 0.00	27.29 -1.59 0.00	23.99 -1.90 0.00	25.74 -1.93 0.00	28.55 -2.17 0.00	28.62 -2.58 0.00	27.29 -2.58 0.00	29.20 -2.78 0.00	31.13 -2.81 0.00	38.80 -3.53 0.00	36.91 -2.83 0.00	34.81 -1.99 0.00	33.22 -2.43 -1.21	34.68 -3.17 0.00	28.66 -2.58 0.00	24.61 -2.12 0.00	23.29 -2.18 0.00	26.36 -2.41 0.00	23.15 -1.90 0.00
OZONE_PARK_ESR 323760	28.80 0.80 0.00	29.83 0.75 0.00	28.54 0.63 0.00	28.99 0.59 0.00	26.00 0.67 0.00	25.94 0.83 0.00	29.87 0.98 0.00	26.94 1.05 0.00	28.91 1.24 0.00	32.28 1.56 0.00	32.93 1.72 0.00	31.71 1.84 0.00	34.06 2.08 0.00	36.18 2.23 0.00	44.96 2.63 0.00	42.25 2.50 0.00	39.34 2.53 0.00	42.02 2.87 -4.72	40.68 2.83 0.00	33.53 2.28 0.00	28.54 1.81 0.00	27.13 1.65 0.00	30.36 1.59 0.00	26.24 1.19 0.00

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	26.57 -1.43 0.00	27.67 -1.41 0.00	26.54 -1.37 0.00	27.04 -1.35 0.00	23.89 -1.44 0.00	23.77 -1.35 0.00	27.29 -1.59 0.00	23.99 -1.90 0.00	25.74 -1.93 0.00	28.55 -2.17 0.00	28.62 -2.58 0.00	27.29 -2.58 0.00	29.20 -2.78 0.00	31.13 -2.81 0.00	38.80 -3.53 0.00	36.91 -2.83 0.00	34.81 -1.99 0.00	33.22 -2.43 -1.21	34.68 -3.17 0.00	28.66 -2.58 0.00	24.61 -2.12 0.00	23.29 -2.18 0.00	26.36 -2.41 0.00	23.15 -1.90 0.00
PACKARD__115KV_DUPONT_184 80571	26.57 -1.43 0.00	27.67 -1.41 0.00	26.54 -1.37 0.00	27.04 -1.35 0.00	23.89 -1.44 0.00	23.77 -1.35 0.00	27.29 -1.59 0.00	23.99 -1.90 0.00	25.74 -1.93 0.00	28.55 -2.17 0.00	28.62 -2.58 0.00	27.29 -2.58 0.00	29.20 -2.78 0.00	31.13 -2.81 0.00	38.80 -3.53 0.00	36.91 -2.83 0.00	34.81 -1.99 0.00	33.22 -2.43 -1.21	34.68 -3.17 0.00	28.66 -2.58 0.00	24.61 -2.12 0.00	23.29 -2.18 0.00	26.36 -2.41 0.00	23.15 -1.90 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	28.58 0.58 0.00	29.68 0.60 0.00	28.42 0.51 0.00	28.85 0.46 0.00	25.90 0.57 0.00	25.83 0.71 0.00	29.73 0.85 0.00	26.84 0.95 0.00	28.75 1.09 0.00	32.11 1.38 0.00	32.75 1.54 0.00	31.45 1.58 0.00	33.76 1.78 0.00	35.85 1.90 0.00	44.55 2.22 0.00	41.86 2.11 0.00	38.98 2.17 0.00	41.67 2.52 -4.72	40.35 2.50 0.00	33.21 1.97 0.00	28.29 1.56 0.00	26.88 1.41 0.00	30.09 1.32 0.00	26.04 0.99 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	28.72 0.72 0.00	29.86 0.78 0.00	28.62 0.70 0.00	29.06 0.66 0.00	26.10 0.77 0.00	26.08 0.97 0.00	29.95 1.07 0.00	27.08 1.18 0.00	28.98 1.31 0.00	32.38 1.65 0.00	33.03 1.82 0.00	31.66 1.79 0.00	33.99 2.01 0.00	36.08 2.13 0.00	44.82 2.48 0.00	42.15 2.41 0.00	39.24 2.43 0.00	41.92 2.76 -4.72	40.58 2.73 0.00	33.39 2.15 0.00	28.44 1.71 0.00	27.01 1.53 0.00	30.26 1.49 0.00	26.19 1.14 0.00
PATROON__115KV_TB1 80586	28.22 0.22 0.00	29.29 0.22 0.00	28.17 0.25 0.00	28.70 0.31 0.00	25.68 0.35 0.00	25.49 0.37 0.00	29.31 0.42 0.00	26.31 0.42 0.00	28.18 0.51 0.00	31.43 0.71 0.00	32.04 0.82 0.00	30.75 0.88 0.00	33.00 1.02 0.00	35.04 1.09 0.00	43.61 1.27 0.00	40.99 1.25 0.00	38.08 1.28 0.00	41.67 1.50 -5.74	39.32 1.47 0.00	32.37 1.13 0.00	27.60 0.87 0.00	26.23 0.75 0.00	29.40 0.63 0.00	25.55 0.50 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.17 0.17 0.00	29.33 0.25 0.00	28.13 0.22 0.00	28.63 0.24 0.00	25.32 -0.01 0.00	25.25 0.13 0.00	29.01 0.13 0.00	25.64 -0.25 0.00	27.48 -0.18 0.00	30.52 -0.21 0.00	30.69 -0.52 0.00	29.20 -0.67 0.00	31.26 -0.72 0.00	33.27 -0.68 0.00	41.51 -0.83 0.00	39.30 -0.44 0.00	36.94 0.13 0.00	35.51 -0.20 -1.28	37.00 -0.85 0.00	30.54 -0.71 0.00	26.10 -0.63 0.00	24.71 -0.77 0.00	28.00 -0.77 0.00	24.47 -0.58 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	28.85 0.85 0.00	29.90 0.82 0.00	28.67 0.75 0.00	29.13 0.73 0.00	26.12 0.79 0.00	26.02 0.90 0.00	29.94 1.06 0.00	26.97 1.08 0.00	28.94 1.27 0.00	32.31 1.59 0.00	32.97 1.76 0.00	31.73 1.86 0.00	34.06 2.08 0.00	36.19 2.24 0.00	45.01 2.67 0.00	42.30 2.56 0.00	39.38 2.57 0.00	42.09 2.87 -4.78	40.70 2.85 0.00	33.51 2.26 0.00	28.53 1.80 0.00	27.09 1.61 0.00	30.33 1.56 0.00	26.24 1.20 0.00
PEEKSKILL____ 23653	28.50 0.50 0.00	29.53 0.45 0.00	28.30 0.38 0.00	28.74 0.35 0.00	25.78 0.45 0.00	25.70 0.58 0.00	29.57 0.68 0.00	26.64 0.75 0.00	28.55 0.88 0.00	31.87 1.14 0.00	32.51 1.30 0.00	31.29 1.42 0.00	33.58 1.60 0.00	35.67 1.73 0.00	44.35 2.02 0.00	41.67 1.92 0.00	38.76 1.95 0.00	41.42 2.31 -4.68	40.09 2.24 0.00	33.02 1.78 0.00	28.12 1.39 0.00	26.72 1.25 0.00	29.96 1.19 0.00	25.93 0.88 0.00
PGE MADISON__WINDPWR 24146	31.09 1.96 -1.13	31.65 1.95 -0.61	30.11 1.61 -0.59	30.15 1.31 -0.45	26.80 1.06 -0.40	26.50 1.05 -0.33	30.27 1.24 -0.14	27.10 1.19 -0.02	29.39 1.63 -0.09	32.91 1.90 -0.28	33.79 2.28 -0.30	32.12 2.17 -0.08	34.30 2.21 -0.11	36.10 2.08 -0.07	44.76 2.40 -0.03	42.03 2.00 -0.30	39.86 2.30 -0.75	39.00 2.63 -1.94	40.44 2.59 0.00	33.65 2.15 -0.26	28.81 1.37 -0.71	26.62 1.09 -0.05	30.32 1.55 0.00	25.98 0.93 0.00
PIERCEFIELD__HYD 23852	28.86 0.87 0.00	29.95 0.87 0.00	28.69 0.78 0.00	29.21 0.82 0.00	25.99 0.65 0.00	25.61 0.50 0.00	29.31 0.42 0.00	26.27 0.39 0.00	28.12 0.46 0.00	31.25 0.52 0.00	31.85 0.64 0.00	30.25 0.38 0.00	32.31 0.32 0.00	34.18 0.23 0.00	42.69 0.36 0.00	39.81 0.07 0.00	36.30 -0.51 0.00	33.71 -0.88 -0.15	37.09 -0.76 0.00	30.62 -0.63 0.00	26.57 -0.16 0.00	25.69 0.21 0.00	29.22 0.45 0.00	25.48 0.43 0.00
PINELAWN_CC_I 323563	29.25 1.25 0.00	30.24 1.16 0.00	28.82 0.90 0.00	29.24 0.84 0.00	26.30 0.97 0.00	26.34 1.22 0.00	30.13 1.25 0.00	27.30 1.41 0.00	29.41 1.75 0.00	36.86 2.31 -3.83	47.02 2.53 -13.28	41.77 2.58 -9.32	46.16 2.81 -11.37	75.26 3.06 -38.26	57.09 3.60 -11.16	43.20 3.46 0.00	51.30 3.29 -11.21	76.57 3.55 -38.58	52.66 3.69 -11.13	92.66 3.04 -58.38	45.61 2.43 -16.45	29.61 2.20 -1.94	30.94 2.17 0.00	26.67 1.62 0.00
PJM_GEN_HTP_PROXY 323702	28.53 0.54 0.00	29.57 0.49 0.00	28.31 0.39 0.00	28.76 0.36 0.00	25.80 0.47 0.00	25.74 0.62 0.00	29.62 0.74 0.00	26.71 0.82 0.00	28.65 0.99 0.00	31.99 1.26 0.00	32.63 1.42 0.00	31.42 1.55 0.00	33.73 1.74 0.00	35.82 1.87 0.00	44.50 2.17 0.00	41.83 2.09 0.00	38.91 2.10 0.00	41.63 2.47 -4.72	40.41 2.40 -0.15	33.17 1.93 0.00	28.25 1.52 0.00	26.85 1.38 0.00	30.07 1.30 0.00	26.00 0.95 0.00
PJM_GEN_KEystone 24065	23.39 -0.21 4.40	26.25 -0.22 2.60	25.38 -0.25 2.28	26.36 -0.29 1.74	23.50 -0.25 1.58	23.76 -0.08 1.27	28.26 -0.07 0.56	25.68 -0.12 0.09	27.25 -0.06 0.36	29.60 -0.03 1.09	29.94 -0.11 1.17	28.05 -0.10 1.72	28.83 -0.06 3.10	26.99 -0.01 6.95	42.18 -0.04 0.12	24.51 0.09 15.31	26.45 0.36 10.72	39.16 0.57 -4.15	38.18 0.18 -0.15	30.33 0.09 1.01	23.96 -0.01 2.75	25.20 -0.07 0.21	28.70 -0.07 0.00	24.92 -0.13 0.00
PJM_GEN_NEPTUNE_PROXY 323594	28.89 0.89 0.00	29.88 0.80 0.00	28.51 0.59 0.00	28.93 0.54 0.00	26.02 0.69 0.00	26.03 0.91 0.00	29.82 0.93 0.00	26.99 1.10 0.00	29.03 1.36 0.00	33.70 1.83 -1.14	37.19 2.02 -3.96	34.76 2.11 -2.78	37.69 2.32 -3.40	52.39 2.49 -15.95	49.75 2.93 -4.48	42.56 2.82 0.00	48.71 2.69 -9.22	69.68 2.99 -32.26	45.85 3.05 -4.95	56.13 2.50 -22.38	34.16 2.00 -5.43	28.34 1.81 -1.06	30.51 1.74 0.00	25.63 1.28 0.70
PJM_GEN_VFT_PROXY 323633	28.38 0.38 0.00	29.40 0.32 0.00	28.14 0.22 0.00	28.58 0.19 0.00	25.63 0.30 0.00	25.58 0.46 0.00	29.46 0.57 0.00	26.57 0.67 0.00	28.47 0.81 0.00	31.78 1.06 0.00	32.43 1.22 0.00	31.23 1.36 0.00	33.52 1.53 0.00	35.61 1.67 0.00	44.23 1.90 0.00	41.57 1.83 0.00	38.68 1.87 0.00	41.42 2.27 -4.72	40.18 2.18 -0.15	32.98 1.73 0.00	28.08 1.35 0.00	26.68 1.21 0.00	29.90 1.13 0.00	25.85 0.80 0.00

PLATSBRG_115KV_PMLD1 355749	29.66 1.66 0.00	30.80 1.73 0.00	29.63 1.71 0.00	30.13 1.74 0.00	26.74 1.41 0.00	26.30 1.19 0.00	30.24 1.36 0.00	27.12 1.23 0.00	29.14 1.47 0.00	32.16 1.44 0.00	32.80 1.59 0.00	31.39 1.52 0.00	33.55 1.57 0.00	35.42 1.48 0.00	44.14 1.81 0.00	41.37 1.63 0.00	38.27 1.46 0.00	35.20 0.77 0.00	38.37 0.53 0.00	31.22 -0.03 0.00	26.53 -0.20 0.00	25.49 0.01 0.00	29.07 0.30 0.00	25.69 0.65 0.00
PLEASANTVLY___LBMP 24000	28.47 0.47 0.00	29.53 0.45 0.00	28.34 0.42 0.00	28.81 0.41 0.00	25.82 0.50 0.00	25.72 0.60 0.00	29.57 0.68 0.00	26.61 0.72 0.00	28.53 0.86 0.00	31.83 1.11 0.00	32.46 1.26 0.00	31.23 1.36 0.00	33.52 1.53 0.00	35.61 1.66 0.00	44.27 1.94 0.00	41.60 1.86 0.00	38.69 1.88 0.00	41.53 2.19 -4.91	39.99 2.14 0.00	32.93 1.69 0.00	28.07 1.34 0.00	26.67 1.20 0.00	29.89 1.12 0.00	25.89 0.84 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	28.60 0.60 0.00	29.65 0.57 0.00	28.41 0.50 0.00	28.86 0.47 0.00	25.88 0.55 0.00	25.79 0.68 0.00	29.68 0.79 0.00	26.73 0.84 0.00	28.67 1.00 0.00	32.00 1.28 0.00	32.63 1.42 0.00	31.41 1.54 0.00	33.71 1.73 0.00	35.81 1.87 0.00	44.54 2.21 0.00	41.85 2.10 0.00	38.94 2.13 0.00	41.64 2.46 -4.75	40.24 2.40 0.00	33.16 1.92 0.00	28.24 1.51 0.00	26.83 1.36 0.00	30.06 1.29 0.00	26.02 0.97 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.60 0.60 0.00	29.65 0.57 0.00	28.41 0.50 0.00	28.86 0.47 0.00	25.88 0.55 0.00	25.79 0.68 0.00	29.68 0.79 0.00	26.73 0.84 0.00	28.67 1.00 0.00	32.00 1.28 0.00	32.63 1.42 0.00	31.41 1.54 0.00	33.71 1.73 0.00	35.81 1.87 0.00	44.54 2.21 0.00	41.85 2.10 0.00	38.94 2.13 0.00	41.64 2.46 -4.75	40.24 2.40 0.00	33.16 1.92 0.00	28.24 1.51 0.00	26.83 1.36 0.00	30.06 1.29 0.00	26.02 0.97 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.70 0.70 0.00	29.76 0.68 0.00	28.57 0.65 0.00	29.03 0.63 0.00	26.03 0.69 0.00	25.90 0.78 0.00	29.80 0.91 0.00	26.82 0.93 0.00	28.78 1.12 0.00	32.13 1.41 0.00	32.77 1.56 0.00	31.52 1.65 0.00	33.84 1.85 0.00	35.94 1.99 0.00	44.69 2.36 0.00	42.01 2.27 0.00	39.11 2.30 0.00	41.84 2.56 -4.85	40.39 2.54 0.00	33.24 2.00 0.00	28.32 1.59 0.00	26.90 1.43 0.00	30.11 1.34 0.00	26.09 1.04 0.00
POLETTI_____ 23519	28.49 0.49 0.00	29.51 0.44 0.00	28.25 0.34 0.00	28.70 0.30 0.00	25.75 0.41 0.00	25.68 0.57 0.00	29.56 0.67 0.00	26.66 0.77 0.00	28.60 0.93 0.00	31.92 1.20 0.00	32.56 1.35 0.00	31.35 1.48 0.00	33.66 1.68 0.00	35.75 1.81 0.00	44.41 2.07 0.00	41.72 1.98 0.00	38.84 2.03 0.00	41.56 2.40 -4.72	40.18 2.33 0.00	33.12 1.87 0.00	28.21 1.47 0.00	26.82 1.35 0.00	30.02 1.25 0.00	25.96 0.91 0.00
POMONA____ESR 323819	28.49 0.49 0.00	29.52 0.44 0.00	28.28 0.36 0.00	28.72 0.33 0.00	25.76 0.42 0.00	25.68 0.57 0.00	29.56 0.67 0.00	26.63 0.74 0.00	28.53 0.86 0.00	31.83 1.10 0.00	32.47 1.26 0.00	31.25 1.38 0.00	33.54 1.56 0.00	35.64 1.69 0.00	44.31 1.98 0.00	41.62 1.88 0.00	38.71 1.90 0.00	41.29 2.28 -4.57	40.07 2.22 0.00	32.99 1.74 0.00	28.08 1.36 0.00	26.69 1.21 0.00	29.95 1.18 0.00	25.92 0.87 0.00
PORT_JEFF_3 23555	29.44 1.44 0.00	30.41 1.34 0.00	28.96 1.05 0.00	29.37 0.98 0.00	26.44 1.12 0.00	26.51 1.40 0.00	30.29 1.41 0.00	27.47 1.58 0.00	29.62 1.95 0.00	37.31 2.61 -3.98	47.88 2.85 -13.82	42.43 2.87 -9.69	46.93 3.12 -11.83	76.09 3.40 -38.75	57.68 4.01 -11.34	43.61 3.87 0.00	50.74 3.66 -10.28	74.22 3.91 -35.88	53.16 4.08 -11.23	94.16 3.34 -59.57	46.41 2.68 -17.00	29.80 2.42 -1.91	31.16 2.39 0.00	26.45 1.80 0.40
PORT_JEFF_4 23616	29.44 1.44 0.00	30.41 1.34 0.00	28.96 1.05 0.00	29.37 0.98 0.00	26.44 1.12 0.00	26.51 1.40 0.00	30.29 1.41 0.00	27.47 1.58 0.00	29.62 1.95 0.00	37.31 2.61 -3.98	47.88 2.85 -13.82	42.43 2.87 -9.69	46.93 3.12 -11.83	76.09 3.40 -38.75	57.68 4.01 -11.34	43.61 3.87 0.00	50.74 3.66 -10.28	74.22 3.91 -35.88	53.16 4.08 -11.23	94.16 3.34 -59.57	46.41 2.68 -17.00	29.80 2.42 -1.91	31.16 2.39 0.00	26.45 1.80 0.40
PORT_JEFF_IC 23713	29.47 1.47 0.00	30.45 1.37 0.00	28.99 1.08 0.00	29.40 1.00 0.00	26.46 1.13 0.00	26.54 1.42 0.00	30.32 1.44 0.00	27.50 1.61 0.00	29.66 2.00 0.00	37.36 2.66 -3.98	47.91 2.91 -13.79	42.48 2.93 -9.68	46.97 3.18 -11.81	76.14 3.46 -38.73	57.75 4.09 -11.33	43.69 3.95 0.00	50.87 3.75 -10.31	74.42 4.00 -35.99	53.26 4.18 -11.23	94.19 3.42 -59.52	46.45 2.75 -16.98	29.85 2.47 -1.91	31.21 2.44 0.00	26.50 1.83 0.38
PPL PILGRIM_ST_GT1 24216	29.46 1.46 0.00	30.45 1.37 0.00	29.00 1.09 0.00	29.41 1.01 0.00	26.47 1.14 0.00	26.54 1.42 0.00	30.32 1.44 0.00	27.50 1.61 0.00	29.63 1.96 0.00	37.27 2.60 -3.96	47.79 2.85 -13.72	42.37 2.87 -9.63	46.84 3.11 -11.75	75.99 3.38 -38.66	57.52 3.88 -11.31	43.44 3.70 0.00	50.68 3.45 -10.43	74.37 3.61 -36.33	52.95 3.89 -11.21	93.89 3.28 -59.37	46.31 2.67 -16.90	29.81 2.43 -1.91	31.16 2.39 0.00	26.54 1.82 0.33
PPL PILGRIM_ST_GT2 24217	29.46 1.46 0.00	30.45 1.37 0.00	29.00 1.09 0.00	29.41 1.01 0.00	26.47 1.14 0.00	26.54 1.42 0.00	30.32 1.44 0.00	27.50 1.61 0.00	29.63 1.96 0.00	37.27 2.60 -3.96	47.79 2.85 -13.72	42.37 2.87 -9.63	46.84 3.11 -11.75	75.99 3.38 -38.66	57.52 3.88 -11.31	43.44 3.70 0.00	50.68 3.45 -10.43	74.37 3.61 -36.33	52.95 3.89 -11.21	93.89 3.28 -59.37	46.31 2.67 -16.90	29.81 2.43 -1.91	31.16 2.39 0.00	26.54 1.82 0.33
PPL_SHRM_GT3 24213	29.58 1.58 0.00	30.55 1.48 0.00	29.10 1.18 0.00	29.50 1.11 0.00	26.57 1.24 0.00	26.64 1.52 0.00	30.44 1.55 0.00	27.61 1.72 0.00	29.80 2.14 0.00	37.54 2.84 -3.98	48.09 3.08 -13.81	42.65 3.09 -9.69	47.15 3.35 -11.82	76.34 3.65 -38.74	57.99 4.31 -11.33	43.91 4.17 0.00	51.07 3.97 -10.29	74.57 4.21 -35.93	53.48 4.40 -11.23	94.39 3.59 -59.55	46.60 2.88 -16.99	29.97 2.59 -1.91	31.34 2.58 0.00	26.60 1.94 0.39
PPL_SHRM_GT4 24214	29.58 1.58 0.00	30.55 1.48 0.00	29.10 1.18 0.00	29.50 1.11 0.00	26.57 1.24 0.00	26.64 1.52 0.00	30.44 1.55 0.00	27.61 1.72 0.00	29.80 2.14 0.00	37.54 2.84 -3.98	48.09 3.08 -13.81	42.65 3.09 -9.69	47.15 3.35 -11.82	76.34 3.65 -38.74	57.99 4.31 -11.33	43.91 4.17 0.00	51.07 3.97 -10.29	74.57 4.21 -35.93	53.48 4.40 -11.23	94.39 3.59 -59.55	46.60 2.88 -16.99	29.97 2.59 -1.91	31.34 2.58 0.00	26.60 1.94 0.39
PROJECT___ORANGE I 24174	27.57 -0.43 0.00	28.65 -0.44 0.00	27.49 -0.42 0.00	27.94 -0.45 0.00	24.90 -0.44 0.00	24.70 -0.41 0.00	28.43 -0.46 0.00	25.45 -0.44 0.00	27.15 -0.52 0.00	30.08 -0.64 0.00	30.55 -0.67 0.00	29.25 -0.62 0.00	31.33 -0.66 0.00	33.27 -0.67 0.00	41.45 -0.88 0.00	39.02 -0.72 0.00	36.35 -0.46 0.00	34.98 -0.36 -0.90	37.24 -0.61 0.00	30.70 -0.54 0.00	26.19 -0.54 0.00	24.93 -0.55 0.00	28.21 -0.56 0.00	24.57 -0.48 0.00

PROJECT___ORANGE 2 24166	27.57 -0.43 0.00	28.65 -0.44 0.00	27.49 -0.42 0.00	27.94 -0.45 0.00	24.90 -0.44 0.00	24.70 -0.41 0.00	28.43 -0.46 0.00	25.45 -0.44 0.00	27.15 -0.52 0.00	30.08 -0.64 0.00	30.55 -0.67 0.00	29.25 -0.62 0.00	31.33 -0.66 0.00	33.27 -0.67 0.00	41.45 -0.88 0.00	39.02 -0.72 0.00	36.35 -0.46 0.00	34.98 -0.36 -0.90	37.24 -0.61 0.00	30.70 -0.54 0.00	26.19 -0.54 0.00	24.93 -0.55 0.00	28.21 -0.56 0.00	24.57 -0.48 0.00
PUCKETT___SOLAR 323809	29.88 0.35 -1.53	30.25 0.34 -0.83	28.92 0.21 -0.79	29.01 0.01 -0.61	25.85 -0.03 -0.55	25.60 0.04 -0.45	29.12 0.04 -0.19	25.96 0.04 -0.03	27.98 0.19 -0.12	31.31 0.20 -0.38	32.01 0.39 -0.41	30.42 0.44 -0.11	32.56 0.43 -0.14	34.46 0.42 -0.10	42.81 0.44 -0.04	40.49 0.34 -0.41	38.40 0.57 -1.02	37.25 0.74 -2.07	38.36 0.51 0.00	32.06 0.46 -0.35	27.88 0.19 -0.96	25.66 0.11 -0.07	29.00 0.23 0.00	25.00 -0.05 0.00
PYRITES___HYD 24023	29.35 1.35 0.00	30.44 1.37 0.00	29.15 1.24 0.00	29.68 1.29 0.00	26.41 1.07 0.00	26.07 0.95 0.00	29.91 1.03 0.00	26.83 0.94 0.00	28.75 1.08 0.00	31.96 1.24 0.00	32.54 1.33 0.00	30.89 1.02 0.00	33.03 1.04 0.00	34.93 0.99 0.00	43.70 1.36 0.00	40.88 1.14 0.00	37.34 0.53 0.00	34.65 0.08 -0.14	38.16 0.32 0.00	31.53 0.28 0.00	27.32 0.59 0.00	26.29 0.82 0.00	29.82 1.05 0.00	25.97 0.92 0.00
QUAKERRD_115KV_BK1 80622	26.73 -1.27 0.00	27.83 -1.25 0.00	26.71 -1.21 0.00	27.18 -1.22 0.00	24.13 -1.20 0.00	23.98 -1.14 0.00	27.61 -1.27 0.00	24.59 -1.30 0.00	26.32 -1.34 0.00	29.19 -1.53 0.00	29.47 -1.74 0.00	28.16 -1.71 0.00	30.13 -1.85 0.00	32.05 -1.89 0.00	39.96 -2.37 0.00	37.79 -1.95 0.00	35.32 -1.48 0.00	34.03 -1.48 -1.07	35.90 -1.94 0.00	29.58 -1.66 0.00	25.27 -1.46 0.00	24.01 -1.46 0.00	27.16 -1.61 0.00	23.70 -1.35 0.00
QUENSBRY_115KV_TB8 356137	29.25 1.25 0.00	30.28 1.20 0.00	29.13 1.22 0.00	29.67 1.27 0.00	26.58 1.25 0.00	26.43 1.31 0.00	30.44 1.55 0.00	27.25 1.36 0.00	29.31 1.64 0.00	32.65 1.93 0.00	33.37 2.16 0.00	32.23 2.36 0.00	34.61 2.62 0.00	36.74 2.80 0.00	45.71 3.38 0.00	42.79 3.04 0.00	39.84 3.03 0.00	43.30 3.00 -5.87	40.86 3.01 0.00	33.66 2.41 0.00	28.68 1.94 0.00	27.52 2.05 0.00	30.78 2.01 0.00	26.78 1.73 0.00
RAMAPO___LBMP 323565	28.39 0.39 0.00	29.43 0.35 0.00	28.20 0.28 0.00	28.64 0.24 0.00	25.68 0.35 0.00	25.61 0.49 0.00	29.47 0.58 0.00	26.55 0.65 0.00	28.42 0.75 0.00	31.71 0.99 0.00	32.33 1.12 0.00	31.11 1.25 0.00	33.40 1.42 0.00	35.50 1.55 0.00	44.15 1.82 0.00	41.45 1.71 0.00	38.55 1.74 0.00	41.12 2.13 -4.56	39.90 2.05 0.00	32.85 1.60 0.00	27.97 1.24 0.00	26.59 1.11 0.00	29.83 1.07 0.00	25.84 0.79 0.00
RANKINE____ 23646	27.58 -0.42 0.00	28.73 -0.35 0.00	27.55 -0.37 0.00	28.04 -0.36 0.00	24.77 -0.56 0.00	24.69 -0.43 0.00	28.37 -0.52 0.00	25.10 -0.79 0.00	26.88 -0.79 0.00	29.88 -0.84 0.00	30.03 -1.18 0.00	28.63 -1.24 0.00	30.66 -1.33 0.00	32.67 -1.28 0.00	40.69 -1.65 0.00	38.52 -1.22 0.00	36.12 -0.69 0.00	34.75 -0.95 -1.27	36.15 -1.70 0.00	29.80 -1.45 0.00	25.42 -1.31 0.00	24.08 -1.40 0.00	27.25 -1.52 0.00	23.84 -1.21 0.00
RAVENSWOOD_GT2_1 24244	28.57 0.57 0.00	29.60 0.53 0.00	28.34 0.43 0.00	28.79 0.39 0.00	25.83 0.50 0.00	25.77 0.65 0.00	29.65 0.76 0.00	26.73 0.84 0.00	28.68 1.01 0.00	32.01 1.29 0.00	32.65 1.44 0.00	31.44 1.57 0.00	33.75 1.77 0.00	35.85 1.90 0.00	44.54 2.21 0.00	41.86 2.12 0.00	38.95 2.14 0.00	41.66 2.50 -4.72	40.29 2.44 0.00	33.19 1.95 0.00	28.27 1.54 0.00	26.88 1.40 0.00	30.09 1.33 0.00	26.03 0.98 0.00
RAVENSWOOD_GT2_2 24245	28.57 0.57 0.00	29.60 0.53 0.00	28.34 0.43 0.00	28.79 0.39 0.00	25.83 0.50 0.00	25.77 0.65 0.00	29.65 0.76 0.00	26.73 0.84 0.00	28.68 1.01 0.00	32.01 1.29 0.00	32.65 1.44 0.00	31.44 1.57 0.00	33.75 1.77 0.00	35.85 1.90 0.00	44.54 2.21 0.00	41.86 2.12 0.00	38.95 2.14 0.00	41.66 2.50 -4.72	40.29 2.44 0.00	33.19 1.95 0.00	28.27 1.54 0.00	26.88 1.40 0.00	30.09 1.33 0.00	26.03 0.98 0.00
RAVENSWOOD_GT2_3 24246	28.58 0.58 0.00	29.62 0.54 0.00	28.36 0.44 0.00	28.81 0.41 0.00	25.83 0.51 0.00	25.77 0.66 0.00	29.67 0.78 0.00	26.75 0.86 0.00	28.69 1.02 0.00	32.03 1.31 0.00	32.66 1.45 0.00	31.45 1.58 0.00	33.76 1.78 0.00	35.86 1.92 0.00	44.57 2.23 0.00	41.87 2.13 0.00	38.97 2.16 0.00	41.67 2.52 -4.72	40.31 2.46 0.00	33.22 1.97 0.00	28.29 1.56 0.00	26.88 1.41 0.00	30.11 1.34 0.00	26.04 0.99 0.00
RAVENSWOOD_GT2_4 24247	28.58 0.58 0.00	29.62 0.54 0.00	28.36 0.44 0.00	28.81 0.41 0.00	25.83 0.51 0.00	25.77 0.66 0.00	29.67 0.78 0.00	26.75 0.86 0.00	28.69 1.02 0.00	32.03 1.31 0.00	32.66 1.45 0.00	31.45 1.58 0.00	33.76 1.78 0.00	35.86 1.92 0.00	44.57 2.23 0.00	41.87 2.13 0.00	38.97 2.16 0.00	41.67 2.52 -4.72	40.31 2.46 0.00	33.22 1.97 0.00	28.29 1.56 0.00	26.88 1.41 0.00	30.11 1.34 0.00	26.04 0.99 0.00
RAVENSWOOD_GT3_1 24248	28.57 0.57 0.00	29.60 0.53 0.00	28.34 0.43 0.00	28.79 0.39 0.00	25.83 0.50 0.00	25.77 0.65 0.00	29.65 0.76 0.00	26.73 0.84 0.00	28.68 1.01 0.00	32.01 1.29 0.00	32.65 1.44 0.00	31.44 1.57 0.00	33.75 1.77 0.00	35.85 1.90 0.00	44.54 2.21 0.00	41.86 2.12 0.00	38.95 2.14 0.00	41.66 2.50 -4.72	40.29 2.44 0.00	33.20 1.95 0.00	28.27 1.54 0.00	26.88 1.40 0.00	30.09 1.33 0.00	26.03 0.98 0.00
RAVENSWOOD_GT3_2 24249	28.57 0.57 0.00	29.60 0.53 0.00	28.34 0.43 0.00	28.79 0.39 0.00	25.83 0.50 0.00	25.77 0.65 0.00	29.65 0.76 0.00	26.73 0.84 0.00	28.68 1.01 0.00	32.01 1.29 0.00	32.65 1.44 0.00	31.44 1.57 0.00	33.75 1.77 0.00	35.85 1.90 0.00	44.54 2.21 0.00	41.86 2.12 0.00	38.95 2.14 0.00	41.66 2.50 -4.72	40.29 2.44 0.00	33.20 1.95 0.00	28.27 1.54 0.00	26.88 1.40 0.00	30.09 1.33 0.00	26.03 0.98 0.00
RAVENSWOOD_GT3_3 24250	28.61 0.61 0.00	29.65 0.57 0.00	28.38 0.47 0.00	28.84 0.44 0.00	25.86 0.53 0.00	25.80 0.68 0.00	29.69 0.81 0.00	26.78 0.88 0.00	28.72 1.05 0.00	32.06 1.34 0.00	32.70 1.49 0.00	31.48 1.61 0.00	33.80 1.82 0.00	35.91 1.96 0.00	44.61 2.28 0.00	41.92 2.18 0.00	39.02 2.21 0.00	41.71 2.55 -4.72	40.37 2.52 0.00	33.25 2.00 0.00	28.31 1.59 0.00	26.92 1.44 0.00	30.14 1.37 0.00	26.07 1.02 0.00
RAVENSWOOD_GT3_4 24251	28.61 0.61 0.00	29.65 0.57 0.00	28.38 0.47 0.00	28.84 0.44 0.00	25.86 0.53 0.00	25.80 0.68 0.00	29.69 0.81 0.00	26.78 0.88 0.00	28.72 1.05 0.00	32.06 1.34 0.00	32.70 1.49 0.00	31.48 1.61 0.00	33.80 1.82 0.00	35.91 1.96 0.00	44.61 2.28 0.00	41.92 2.18 0.00	39.02 2.21 0.00	41.71 2.55 -4.72	40.37 2.52 0.00	33.25 2.00 0.00	28.31 1.59 0.00	26.92 1.44 0.00	30.14 1.37 0.00	26.07 1.02 0.00

RAVENSWOOD_GT_1 23729	28.58 0.58 0.00	29.63 0.55 0.00	28.36 0.45 0.00	28.81 0.41 0.00	25.84 0.51 0.00	25.78 0.67 0.00	29.67 0.79 0.00	26.78 0.88 0.00	28.71 1.04 0.00	32.07 1.34 0.00	32.71 1.49 0.00	31.47 1.60 0.00	33.79 1.81 0.00	35.89 1.94 0.00	44.58 2.25 0.00	41.90 2.15 0.00	39.00 2.19 0.00	41.70 2.54 -4.72	40.35 2.50 0.00	33.25 2.00 0.00	28.31 1.58 0.00	26.90 1.43 0.00	30.12 1.35 0.00	26.05 1.00 0.00
RAVENSWOOD_GT_10 24258	28.57 0.57 0.00	29.60 0.53 0.00	28.35 0.43 0.00	28.79 0.40 0.00	25.83 0.50 0.00	25.77 0.65 0.00	29.65 0.76 0.00	26.73 0.84 0.00	28.68 1.01 0.00	32.02 1.29 0.00	32.65 1.44 0.00	31.44 1.57 0.00	33.75 1.77 0.00	35.85 1.90 0.00	44.54 2.21 0.00	41.86 2.12 0.00	38.95 2.14 0.00	41.66 2.51 -4.72	40.29 2.44 0.00	33.20 1.96 0.00	28.27 1.54 0.00	26.88 1.40 0.00	30.09 1.33 0.00	26.03 0.98 0.00
RAVENSWOOD_GT_11 24259	28.57 0.57 0.00	29.60 0.53 0.00	28.35 0.43 0.00	28.79 0.40 0.00	25.83 0.50 0.00	25.77 0.65 0.00	29.65 0.76 0.00	26.73 0.84 0.00	28.68 1.01 0.00	32.02 1.29 0.00	32.65 1.44 0.00	31.44 1.57 0.00	33.75 1.77 0.00	35.85 1.90 0.00	44.54 2.21 0.00	41.86 2.12 0.00	38.95 2.14 0.00	41.66 2.51 -4.72	40.29 2.44 0.00	33.20 1.96 0.00	28.27 1.54 0.00	26.88 1.40 0.00	30.09 1.33 0.00	26.03 0.98 0.00
RAVENSWOOD_GT_4 24252	28.58 0.58 0.00	29.62 0.54 0.00	28.36 0.44 0.00	28.81 0.41 0.00	25.83 0.51 0.00	25.77 0.66 0.00	29.66 0.77 0.00	26.74 0.85 0.00	28.68 1.01 0.00	32.02 1.29 0.00	32.65 1.44 0.00	31.44 1.57 0.00	33.75 1.77 0.00	35.86 1.91 0.00	44.55 2.22 0.00	41.87 2.13 0.00	38.97 2.16 0.00	41.66 2.51 -4.72	40.29 2.45 0.00	33.21 1.97 0.00	28.29 1.56 0.00	26.88 1.40 0.00	30.11 1.34 0.00	26.04 0.99 0.00
RAVENSWOOD_GT_5 24254	28.58 0.58 0.00	29.62 0.54 0.00	28.36 0.44 0.00	28.81 0.41 0.00	25.83 0.51 0.00	25.77 0.66 0.00	29.66 0.77 0.00	26.74 0.85 0.00	28.68 1.01 0.00	32.02 1.29 0.00	32.65 1.44 0.00	31.44 1.57 0.00	33.75 1.77 0.00	35.86 1.91 0.00	44.55 2.22 0.00	41.87 2.13 0.00	38.97 2.16 0.00	41.66 2.51 -4.72	40.29 2.45 0.00	33.21 1.97 0.00	28.29 1.56 0.00	26.88 1.40 0.00	30.11 1.34 0.00	26.04 0.99 0.00
RAVENSWOOD_GT_6 24253	28.58 0.58 0.00	29.62 0.54 0.00	28.36 0.44 0.00	28.81 0.41 0.00	25.83 0.51 0.00	25.77 0.66 0.00	29.66 0.77 0.00	26.74 0.85 0.00	28.68 1.01 0.00	32.02 1.29 0.00	32.65 1.44 0.00	31.44 1.57 0.00	33.75 1.77 0.00	35.86 1.91 0.00	44.55 2.22 0.00	41.87 2.13 0.00	38.97 2.16 0.00	41.66 2.51 -4.72	40.29 2.45 0.00	33.21 1.97 0.00	28.29 1.56 0.00	26.88 1.40 0.00	30.11 1.34 0.00	26.04 0.99 0.00
RAVENSWOOD_GT_7 24255	28.58 0.58 0.00	29.62 0.54 0.00	28.36 0.44 0.00	28.81 0.41 0.00	25.83 0.51 0.00	25.77 0.66 0.00	29.66 0.77 0.00	26.74 0.85 0.00	28.68 1.01 0.00	32.02 1.29 0.00	32.65 1.44 0.00	31.44 1.57 0.00	33.75 1.77 0.00	35.86 1.91 0.00	44.55 2.22 0.00	41.87 2.13 0.00	38.97 2.16 0.00	41.66 2.51 -4.72	40.29 2.45 0.00	33.21 1.97 0.00	28.29 1.56 0.00	26.88 1.40 0.00	30.11 1.34 0.00	26.04 0.99 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.57 0.57 0.00	29.60 0.53 0.00	28.35 0.43 0.00	28.79 0.40 0.00	25.83 0.50 0.00	25.77 0.65 0.00	29.65 0.76 0.00	26.73 0.84 0.00	28.68 1.01 0.00	32.02 1.29 0.00	32.65 1.44 0.00	31.44 1.57 0.00	33.75 1.77 0.00	35.85 1.90 0.00	44.54 2.21 0.00	41.86 2.12 0.00	38.95 2.14 0.00	41.66 2.51 -4.72	40.29 2.44 0.00	33.20 1.96 0.00	28.27 1.54 0.00	26.88 1.40 0.00	30.09 1.33 0.00	26.03 0.98 0.00
RAVENSWOOD_GT_9 24257	28.57 0.57 0.00	29.60 0.53 0.00	28.35 0.43 0.00	28.79 0.40 0.00	25.83 0.50 0.00	25.77 0.65 0.00	29.65 0.76 0.00	26.73 0.84 0.00	28.68 1.01 0.00	32.02 1.29 0.00	32.65 1.44 0.00	31.44 1.57 0.00	33.75 1.77 0.00	35.85 1.90 0.00	44.54 2.21 0.00	41.86 2.12 0.00	38.95 2.14 0.00	41.66 2.51 -4.72	40.29 2.44 0.00	33.20 1.96 0.00	28.27 1.54 0.00	26.88 1.40 0.00	30.09 1.33 0.00	26.03 0.98 0.00
RAVENSWOOD___1 23533	28.54 0.54 0.00	29.57 0.49 0.00	28.32 0.40 0.00	28.76 0.36 0.00	25.80 0.47 0.00	25.74 0.62 0.00	29.63 0.75 0.00	26.73 0.84 0.00	28.67 1.00 0.00	32.01 1.28 0.00	32.67 1.46 0.00	31.43 1.56 0.00	33.74 1.75 0.00	35.83 1.88 0.00	44.51 2.17 0.00	41.83 2.09 0.00	38.93 2.13 0.00	41.64 2.48 -4.72	40.29 2.44 0.00	33.20 1.95 0.00	28.26 1.54 0.00	26.86 1.38 0.00	30.07 1.30 0.00	26.00 0.95 0.00
RAVENSWOOD___2 23534	28.54 0.54 0.00	29.57 0.49 0.00	28.32 0.40 0.00	28.76 0.36 0.00	25.80 0.47 0.00	25.74 0.62 0.00	29.63 0.75 0.00	26.73 0.84 0.00	28.67 1.00 0.00	32.01 1.28 0.00	32.67 1.46 0.00	31.43 1.56 0.00	33.74 1.75 0.00	35.83 1.88 0.00	44.51 2.17 0.00	41.83 2.09 0.00	38.93 2.13 0.00	41.64 2.48 -4.72	40.29 2.44 0.00	33.20 1.95 0.00	28.26 1.54 0.00	26.86 1.38 0.00	30.07 1.30 0.00	26.00 0.95 0.00
RAVENSWOOD___3 23535	28.57 0.57 0.00	29.60 0.53 0.00	28.34 0.43 0.00	28.79 0.40 0.00	25.83 0.50 0.00	25.77 0.65 0.00	29.65 0.77 0.00	26.73 0.84 0.00	28.68 1.01 0.00	32.02 1.29 0.00	32.67 1.46 0.00	31.45 1.58 0.00	33.76 1.77 0.00	35.85 1.90 0.00	44.55 2.22 0.00	41.86 2.12 0.00	38.95 2.15 0.00	41.66 2.51 -4.72	40.29 2.44 0.00	33.20 1.96 0.00	28.28 1.55 0.00	26.87 1.40 0.00	30.09 1.33 0.00	26.03 0.98 0.00
RAVENSWOOD___4 23820	28.54 0.54 0.00	29.57 0.49 0.00	28.32 0.40 0.00	28.76 0.36 0.00	25.80 0.47 0.00	25.74 0.62 0.00	29.63 0.75 0.00	26.73 0.84 0.00	28.67 1.00 0.00	32.01 1.28 0.00	32.67 1.46 0.00	31.43 1.56 0.00	33.74 1.75 0.00	35.83 1.88 0.00	44.51 2.17 0.00	41.83 2.09 0.00	38.93 2.13 0.00	41.64 2.48 -4.72	40.29 2.44 0.00	33.20 1.95 0.00	28.26 1.54 0.00	26.86 1.38 0.00	30.07 1.30 0.00	26.00 0.95 0.00
RCPI_TRUST___DRP 24196	28.59 0.59 0.00	29.63 0.55 0.00	28.36 0.44 0.00	28.81 0.42 0.00	25.83 0.51 0.00	25.78 0.67 0.00	29.68 0.79 0.00	26.76 0.87 0.00	28.71 1.04 0.00	32.05 1.33 0.00	32.68 1.47 0.00	31.47 1.60 0.00	33.78 1.80 0.00	35.89 1.94 0.00	44.59 2.26 0.00	41.91 2.17 0.00	38.99 2.19 0.00	41.70 2.55 -4.72	40.33 2.48 0.00	33.24 1.99 0.00	28.30 1.57 0.00	26.90 1.43 0.00	30.12 1.35 0.00	26.05 1.00 0.00
RED___ROCHESTER 323720	25.52 -0.57 1.91	27.52 -0.52 1.04	26.40 -0.52 0.99	27.12 -0.52 0.76	24.04 -0.60 0.68	24.04 -0.52 0.56	28.07 -0.57 0.24	25.12 -0.73 0.04	26.82 -0.69 0.16	29.45 -0.80 0.48	29.62 -1.08 0.51	28.63 -1.11 0.13	30.65 -1.16 0.18	32.70 -1.13 0.12	40.91 -1.37 0.05	38.26 -0.98 0.50	35.02 -0.51 1.27	34.92 -0.59 -1.09	36.83 -1.02 0.00	29.90 -0.91 0.44	24.72 -0.81 1.20	24.51 -0.87 0.09	27.83 -0.94 0.00	24.28 -0.77 0.00

REGAN____SOLAR 323812	30.68 2.68 0.00	31.77 2.69 0.00	30.42 2.51 0.00	30.92 2.52 0.00	27.53 2.20 0.00	27.33 2.21 0.00	31.49 2.61 0.00	28.34 2.45 0.00	30.44 2.78 0.00	33.89 3.17 0.00	34.46 3.25 0.00	33.02 3.15 0.00	35.32 3.34 0.00	37.36 3.41 0.00	46.73 4.39 0.00	44.12 4.37 0.00	41.02 4.22 0.00	45.09 4.00 -6.65	42.01 4.16 0.00	34.60 3.36 0.00	29.07 2.34 0.00	28.07 2.60 0.00	31.65 2.88 0.00	27.47 2.42 0.00
RENSSELAER____COGEN 23796	28.09 0.09 0.00	29.16 0.08 0.00	28.06 0.14 0.00	28.58 0.19 0.00	25.57 0.24 0.00	25.37 0.25 0.00	29.17 0.28 0.00	26.18 0.29 0.00	28.04 0.37 0.00	31.28 0.55 0.00	31.88 0.67 0.00	30.58 0.72 0.00	32.82 0.84 0.00	34.85 0.90 0.00	43.37 1.03 0.00	40.75 1.01 0.00	37.85 1.05 0.00	41.41 1.29 -5.69	39.10 1.25 0.00	32.20 0.95 0.00	27.46 0.73 0.00	26.09 0.62 0.00	29.25 0.48 0.00	25.43 0.38 0.00
REPUBLIC_115KV_BARTNBRK 55605	30.31 2.31 0.00	31.23 2.16 0.00	30.12 2.21 0.00	30.68 2.29 0.00	27.53 2.20 0.00	27.44 2.32 0.00	31.68 2.80 0.00	28.41 2.52 0.00	30.71 3.04 0.00	34.10 3.38 0.00	34.95 3.73 0.00	33.73 3.86 0.00	36.42 4.43 0.00	38.63 4.69 0.00	47.83 5.49 0.00	44.55 4.80 0.00	41.57 4.76 0.00	44.75 4.45 -5.87	42.27 4.42 0.00	34.85 3.60 0.00	29.71 2.98 0.00	28.44 2.97 0.00	31.63 2.86 0.00	27.36 2.31 0.00
REVERE_CPPR_DRP 24186	28.83 0.83 0.00	29.92 0.84 0.00	28.71 0.80 0.00	29.19 0.79 0.00	26.00 0.67 0.00	25.80 0.68 0.00	29.72 0.84 0.00	26.69 0.80 0.00	28.57 0.90 0.00	31.73 1.01 0.00	32.17 0.96 0.00	30.82 0.95 0.00	32.91 0.93 0.00	35.00 1.05 0.00	43.52 1.19 0.00	40.83 1.09 0.00	38.01 1.21 0.00	36.02 1.11 -0.48	38.91 1.07 0.00	32.07 0.83 0.00	27.38 0.65 0.00	26.05 0.58 0.00	29.43 0.66 0.00	25.55 0.51 0.00
REYNOLDS_115KV_TB3 80639	28.31 0.31 0.00	29.38 0.30 0.00	28.26 0.35 0.00	28.82 0.42 0.00	25.79 0.46 0.00	25.59 0.48 0.00	29.43 0.54 0.00	26.38 0.49 0.00	28.25 0.59 0.00	31.53 0.80 0.00	32.13 0.91 0.00	30.82 0.95 0.00	33.06 1.08 0.00	35.11 1.17 0.00	43.70 1.37 0.00	41.06 1.31 0.00	38.13 1.32 0.00	41.69 1.56 -5.70	39.40 1.55 0.00	32.44 1.19 0.00	27.68 0.95 0.00	26.30 0.82 0.00	29.47 0.70 0.00	25.64 0.59 0.00
RIVERBAY____ 323610	28.72 0.72 0.00	29.86 0.78 0.00	28.62 0.70 0.00	29.06 0.66 0.00	26.10 0.77 0.00	26.08 0.97 0.00	29.95 1.07 0.00	27.08 1.18 0.00	28.98 1.31 0.00	32.38 1.65 0.00	33.03 1.82 0.00	31.66 1.79 0.00	33.99 2.01 0.00	36.08 2.13 0.00	44.82 2.48 0.00	42.15 2.41 0.00	39.24 2.43 0.00	41.92 2.76 -4.72	40.58 2.73 0.00	33.39 2.15 0.00	28.44 1.71 0.00	27.01 1.53 0.00	30.26 1.49 0.00	26.19 1.14 0.00
RIVERSDE_115KV_TB3 55908	28.21 0.21 0.00	29.27 0.20 0.00	28.17 0.25 0.00	28.70 0.31 0.00	25.69 0.35 0.00	25.49 0.38 0.00	29.31 0.42 0.00	26.29 0.41 0.00	28.16 0.50 0.00	31.41 0.69 0.00	32.02 0.81 0.00	30.72 0.85 0.00	32.97 0.98 0.00	35.00 1.06 0.00	43.57 1.23 0.00	40.93 1.19 0.00	38.03 1.22 0.00	41.60 1.46 -5.71	39.28 1.44 0.00	32.34 1.10 0.00	27.59 0.86 0.00	26.21 0.74 0.00	29.38 0.61 0.00	25.54 0.49 0.00
ROARING____BROOK_WT_PWR 323790	28.18 0.18 0.00	29.25 0.17 0.00	28.04 0.13 0.00	28.52 0.12 0.00	25.42 0.08 0.00	25.18 0.06 0.00	28.90 0.02 0.00	25.83 -0.06 0.00	27.60 -0.07 0.00	30.63 -0.10 0.00	31.02 -0.19 0.00	29.61 -0.27 0.00	31.68 -0.31 0.00	33.67 -0.27 0.00	41.85 -0.49 0.00	39.05 -0.69 0.00	35.82 -0.99 0.00	33.50 -0.93 0.00	36.82 -1.03 0.00	30.51 -0.74 0.00	26.24 -0.48 0.00	24.99 -0.49 0.00	28.40 -0.37 0.00	24.71 -0.34 0.00
ROCHESRG_115KV_T4 355643	27.17 -0.83 0.00	28.30 -0.78 0.00	27.16 -0.76 0.00	27.65 -0.75 0.00	24.52 -0.81 0.00	24.38 -0.74 0.00	28.06 -0.83 0.00	24.93 -0.96 0.00	26.70 -0.96 0.00	29.61 -1.11 0.00	29.85 -1.36 0.00	28.50 -1.37 0.00	30.49 -1.49 0.00	32.46 -1.49 0.00	40.48 -1.86 0.00	38.32 -1.43 0.00	35.83 -0.97 0.00	34.49 -1.03 -1.08	36.36 -1.49 0.00	29.98 -1.27 0.00	25.61 -1.12 0.00	24.33 -1.15 0.00	27.52 -1.24 0.00	24.04 -1.01 0.00
ROCHESTER_9_IC 23652	27.31 -0.69 0.00	28.44 -0.64 0.00	27.28 -0.63 0.00	27.78 -0.62 0.00	24.64 -0.69 0.00	24.50 -0.62 0.00	28.20 -0.69 0.00	25.06 -0.83 0.00	26.86 -0.81 0.00	29.79 -0.94 0.00	30.03 -1.19 0.00	28.65 -1.22 0.00	30.68 -1.30 0.00	32.65 -1.29 0.00	40.73 -1.60 0.00	38.56 -1.18 0.00	36.08 -0.72 0.00	34.72 -0.79 -1.09	36.61 -1.24 0.00	30.17 -1.07 0.00	25.78 -0.95 0.00	24.47 -1.00 0.00	27.69 -1.08 0.00	24.17 -0.88 0.00
ROCKVIEW_13_KV_LD 356306	28.66 0.66 0.00	29.67 0.59 0.00	28.42 0.51 0.00	28.87 0.47 0.00	25.89 0.57 0.00	25.82 0.70 0.00	29.71 0.82 0.00	26.78 0.88 0.00	28.72 1.05 0.00	32.07 1.35 0.00	32.72 1.51 0.00	31.50 1.63 0.00	33.82 1.84 0.00	35.93 1.98 0.00	44.67 2.34 0.00	41.97 2.23 0.00	39.06 2.25 0.00	41.73 2.58 -4.72	40.39 2.55 0.00	33.28 2.03 0.00	28.33 1.60 0.00	26.92 1.45 0.00	30.16 1.38 0.00	26.09 1.04 0.00
ROME____115KV_TB2 80656	28.83 0.83 0.00	29.92 0.84 0.00	28.71 0.80 0.00	29.19 0.79 0.00	26.00 0.67 0.00	25.80 0.68 0.00	29.72 0.84 0.00	26.69 0.80 0.00	28.57 0.90 0.00	31.73 1.01 0.00	32.17 0.96 0.00	30.82 0.95 0.00	32.91 0.93 0.00	35.00 1.05 0.00	43.52 1.19 0.00	40.83 1.09 0.00	38.01 1.21 0.00	36.02 1.11 -0.48	38.91 1.07 0.00	32.07 0.83 0.00	27.38 0.65 0.00	26.05 0.58 0.00	29.43 0.66 0.00	25.55 0.51 0.00
ROSETON____1 23587	28.44 0.44 0.00	29.49 0.41 0.00	28.29 0.38 0.00	28.74 0.35 0.00	25.77 0.45 0.00	25.67 0.55 0.00	29.52 0.63 0.00	26.58 0.69 0.00	28.49 0.82 0.00	31.78 1.06 0.00	32.42 1.21 0.00	31.18 1.31 0.00	33.46 1.48 0.00	35.55 1.61 0.00	44.20 1.87 0.00	41.53 1.79 0.00	38.62 1.81 0.00	41.25 2.14 -4.68	39.92 2.07 0.00	32.88 1.63 0.00	28.02 1.29 0.00	26.63 1.15 0.00	29.85 1.08 0.00	25.86 0.81 0.00
ROSETON____2 23588	28.44 0.44 0.00	29.49 0.41 0.00	28.29 0.38 0.00	28.74 0.35 0.00	25.77 0.45 0.00	25.67 0.55 0.00	29.52 0.63 0.00	26.58 0.69 0.00	28.49 0.82 0.00	31.78 1.06 0.00	32.42 1.21 0.00	31.18 1.31 0.00	33.46 1.48 0.00	35.55 1.61 0.00	44.20 1.87 0.00	41.53 1.79 0.00	38.62 1.81 0.00	41.25 2.14 -4.68	39.92 2.07 0.00	32.88 1.63 0.00	28.02 1.29 0.00	26.63 1.15 0.00	29.85 1.08 0.00	25.86 0.81 0.00
ROTTDRAM_115KV_TB3 80664	28.65 0.65 0.00	29.75 0.66 0.00	28.60 0.69 0.00	29.11 0.71 0.00	26.03 0.70 0.00	25.82 0.71 0.00	29.70 0.82 0.00	26.65 0.76 0.00	28.55 0.89 0.00	31.81 1.09 0.00	32.40 1.19 0.00	31.11 1.24 0.00	33.37 1.39 0.00	35.42 1.48 0.00	44.11 1.77 0.00	41.43 1.69 0.00	38.49 1.68 0.00	42.17 1.81 -5.93	39.67 1.83 0.00	32.68 1.43 0.00	27.91 1.18 0.00	26.55 1.07 0.00	29.80 1.03 0.00	25.90 0.85 0.00

RUSSELL___1 23602	27.44 -0.56 0.00	28.56 -0.52 0.00	27.39 -0.52 0.00	27.88 -0.52 0.00	24.73 -0.60 0.00	24.60 -0.52 0.00	28.31 -0.57 0.00	25.16 -0.73 0.00	26.97 -0.69 0.00	29.93 -0.80 0.00	30.17 -1.04 0.00	28.80 -1.07 0.00	30.84 -1.14 0.00	32.83 -1.12 0.00	40.96 -1.38 0.00	38.77 -0.97 0.00	36.29 -0.51 0.00	34.93 -0.59 -1.09	36.83 -1.02 0.00	30.35 -0.90 0.00	25.92 -0.81 0.00	24.61 -0.87 0.00	27.82 -0.94 0.00	24.28 -0.77 0.00
RUSSELL___2 23532	27.44 -0.56 0.00	28.56 -0.52 0.00	27.39 -0.52 0.00	27.88 -0.52 0.00	24.73 -0.60 0.00	24.60 -0.52 0.00	28.31 -0.57 0.00	25.16 -0.73 0.00	26.97 -0.69 0.00	29.93 -0.80 0.00	30.17 -1.04 0.00	28.80 -1.07 0.00	30.84 -1.14 0.00	32.83 -1.12 0.00	40.96 -1.38 0.00	38.77 -0.97 0.00	36.29 -0.51 0.00	34.93 -0.59 -1.09	36.83 -1.02 0.00	30.35 -0.90 0.00	25.92 -0.81 0.00	24.61 -0.87 0.00	27.82 -0.94 0.00	24.28 -0.77 0.00
RUSSELL___3 23549	27.44 -0.56 0.00	28.56 -0.52 0.00	27.39 -0.52 0.00	27.88 -0.52 0.00	24.73 -0.60 0.00	24.60 -0.52 0.00	28.31 -0.57 0.00	25.16 -0.73 0.00	26.97 -0.69 0.00	29.93 -0.80 0.00	30.17 -1.04 0.00	28.80 -1.07 0.00	30.84 -1.14 0.00	32.83 -1.12 0.00	40.96 -1.38 0.00	38.77 -0.97 0.00	36.29 -0.51 0.00	34.93 -0.59 -1.09	36.83 -1.02 0.00	30.35 -0.90 0.00	25.92 -0.81 0.00	24.61 -0.87 0.00	27.82 -0.94 0.00	24.28 -0.77 0.00
RUSSELL___4 23556	27.44 -0.56 0.00	28.56 -0.52 0.00	27.39 -0.52 0.00	27.88 -0.52 0.00	24.73 -0.60 0.00	24.60 -0.52 0.00	28.31 -0.57 0.00	25.16 -0.73 0.00	26.97 -0.69 0.00	29.93 -0.80 0.00	30.17 -1.04 0.00	28.80 -1.07 0.00	30.84 -1.14 0.00	32.83 -1.12 0.00	40.96 -1.38 0.00	38.77 -0.97 0.00	36.29 -0.51 0.00	34.93 -0.59 -1.09	36.83 -1.02 0.00	30.35 -0.90 0.00	25.92 -0.81 0.00	24.61 -0.87 0.00	27.82 -0.94 0.00	24.28 -0.77 0.00
RUSSELL___STATION 23914	27.44 -0.56 0.00	28.56 -0.52 0.00	27.39 -0.52 0.00	27.88 -0.52 0.00	24.73 -0.60 0.00	24.60 -0.52 0.00	28.31 -0.57 0.00	25.16 -0.73 0.00	26.97 -0.69 0.00	29.93 -0.80 0.00	30.17 -1.04 0.00	28.80 -1.07 0.00	30.84 -1.14 0.00	32.83 -1.12 0.00	40.96 -1.38 0.00	38.77 -0.97 0.00	36.29 -0.51 0.00	34.93 -0.59 -1.09	36.83 -1.02 0.00	30.35 -0.90 0.00	25.92 -0.81 0.00	24.61 -0.87 0.00	27.82 -0.94 0.00	24.28 -0.77 0.00
S SALMON___HYD 24043	27.61 -0.39 0.00	28.67 -0.41 0.00	27.51 -0.41 0.00	27.98 -0.42 0.00	24.87 -0.46 0.00	24.62 -0.49 0.00	28.35 -0.54 0.00	25.40 -0.49 0.00	27.10 -0.57 0.00	30.05 -0.67 0.00	30.43 -0.78 0.00	29.17 -0.70 0.00	31.10 -0.88 0.00	33.00 -0.95 0.00	40.99 -1.35 0.00	38.43 -1.31 0.00	35.73 -1.08 0.00	34.20 -0.99 -0.76	36.59 -1.26 0.00	30.15 -1.09 0.00	25.79 -0.94 0.00	24.65 -0.83 0.00	27.99 -0.78 0.00	24.34 -0.70 0.00
S.PERRY___115KV_TB1 80734	28.35 0.35 0.00	29.43 0.35 0.00	28.17 0.25 0.00	28.65 0.25 0.00	25.29 -0.04 0.00	25.23 0.12 0.00	29.01 0.13 0.00	25.91 0.02 0.00	27.78 0.11 0.00	30.79 0.07 0.00	30.82 -0.39 0.00	29.07 -0.80 0.00	31.08 -0.90 0.00	33.48 -0.47 0.00	41.99 -0.34 0.00	39.74 0.00 0.00	37.42 0.61 0.00	36.18 0.42 -1.32	37.77 -0.08 0.00	30.92 -0.33 0.00	26.27 -0.46 0.00	24.76 -0.72 0.00	27.93 -0.84 0.00	24.33 -0.72 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.16 -0.84 0.00	28.32 -0.76 0.00	27.16 -0.75 0.00	27.67 -0.73 0.00	24.45 -0.88 0.00	24.34 -0.78 0.00	27.97 -0.92 0.00	24.67 -1.22 0.00	26.44 -1.23 0.00	29.35 -1.37 0.00	29.47 -1.74 0.00	28.10 -1.77 0.00	30.07 -1.91 0.00	32.06 -1.89 0.00	39.95 -2.38 0.00	37.90 -1.85 0.00	35.55 -1.26 0.00	34.15 -1.52 -1.24	35.61 -2.24 0.00	29.38 -1.87 0.00	25.12 -1.61 0.00	23.81 -1.67 0.00	26.95 -1.82 0.00	23.62 -1.43 0.00
SAWYER___23_KV_LOAD 55526	27.16 -0.84 0.00	28.32 -0.76 0.00	27.16 -0.75 0.00	27.67 -0.73 0.00	24.45 -0.88 0.00	24.34 -0.78 0.00	27.97 -0.92 0.00	24.67 -1.22 0.00	26.44 -1.23 0.00	29.35 -1.37 0.00	29.47 -1.74 0.00	28.10 -1.77 0.00	30.07 -1.91 0.00	32.06 -1.89 0.00	39.95 -2.38 0.00	37.90 -1.85 0.00	35.55 -1.26 0.00	34.15 -1.52 -1.24	35.61 -2.24 0.00	29.38 -1.87 0.00	25.12 -1.61 0.00	23.81 -1.67 0.00	26.95 -1.82 0.00	23.62 -1.43 0.00
SELKIRK___I 23801	28.46 0.46 0.00	29.56 0.48 0.00	28.44 0.53 0.00	28.96 0.57 0.00	25.89 0.56 0.00	25.66 0.54 0.00	29.51 0.62 0.00	26.47 0.57 0.00	28.35 0.68 0.00	31.60 0.87 0.00	32.20 0.99 0.00	30.89 1.02 0.00	33.13 1.15 0.00	35.18 1.23 0.00	43.78 1.45 0.00	41.17 1.43 0.00	38.24 1.44 0.00	41.65 1.61 -5.61	39.46 1.61 0.00	32.49 1.24 0.00	27.72 1.00 0.00	26.34 0.87 0.00	29.56 0.79 0.00	25.70 0.65 0.00
SELKIRK___II 23799	28.24 0.24 0.00	29.33 0.25 0.00	28.22 0.30 0.00	28.73 0.34 0.00	25.70 0.37 0.00	25.49 0.37 0.00	29.31 0.42 0.00	26.30 0.41 0.00	28.17 0.50 0.00	31.40 0.68 0.00	32.00 0.79 0.00	30.70 0.83 0.00	32.94 0.96 0.00	34.97 1.03 0.00	43.52 1.19 0.00	40.91 1.16 0.00	38.00 1.19 0.00	41.50 1.40 -5.67	39.22 1.37 0.00	32.30 1.05 0.00	27.56 0.83 0.00	26.19 0.71 0.00	29.38 0.62 0.00	25.54 0.49 0.00
SENECA OSWGO___HYD 24041	27.39 -0.61 0.00	28.46 -0.62 0.00	27.32 -0.60 0.00	27.77 -0.63 0.00	24.75 -0.58 0.00	24.54 -0.58 0.00	28.24 -0.65 0.00	25.29 -0.60 0.00	26.97 -0.70 0.00	29.87 -0.86 0.00	30.33 -0.88 0.00	29.04 -0.83 0.00	31.10 -0.88 0.00	33.02 -0.93 0.00	41.13 -1.21 0.00	38.68 -1.06 0.00	36.03 -0.78 0.00	34.64 -0.65 -0.86	36.93 -0.92 0.00	30.44 -0.81 0.00	25.99 -0.74 0.00	24.74 -0.74 0.00	28.01 -0.76 0.00	24.43 -0.62 0.00
SENECA___115KV_TB3 355854	27.62 -0.38 0.00	28.77 -0.31 0.00	27.59 -0.32 0.00	28.08 -0.31 0.00	24.81 -0.52 0.00	24.73 -0.39 0.00	28.41 -0.47 0.00	25.13 -0.76 0.00	26.92 -0.75 0.00	29.93 -0.80 0.00	30.07 -1.14 0.00	28.68 -1.20 0.00	30.71 -1.28 0.00	32.72 -1.23 0.00	40.76 -1.58 0.00	38.58 -1.16 0.00	36.18 -0.63 0.00	34.81 -0.89 -1.27	36.22 -1.63 0.00	29.85 -1.39 0.00	25.47 -1.26 0.00	24.12 -1.36 0.00	27.29 -1.48 0.00	23.88 -1.17 0.00
SENECA___ENERGY 23797	27.62 -0.38 0.00	28.67 -0.41 0.00	27.51 -0.40 0.00	27.93 -0.46 0.00	24.84 -0.49 0.00	24.72 -0.40 0.00	28.45 -0.44 0.00	25.45 -0.44 0.00	27.22 -0.45 0.00	30.19 -0.53 0.00	30.55 -0.66 0.00	29.20 -0.67 0.00	31.28 -0.70 0.00	33.18 -0.77 0.00	41.35 -0.98 0.00	39.10 -0.64 0.00	36.58 -0.23 0.00	35.33 -0.20 -1.10	37.28 -0.57 0.00	30.68 -0.57 0.00	26.13 -0.60 0.00	24.80 -0.67 0.00	28.00 -0.77 0.00	24.34 -0.71 0.00
SHOEMAKER___GT 23640	28.39 0.39 0.00	29.43 0.36 0.00	28.23 0.32 0.00	28.69 0.29 0.00	25.70 0.37 0.00	25.59 0.47 0.00	29.43 0.54 0.00	26.49 0.60 0.00	28.37 0.70 0.00	31.63 0.91 0.00	32.25 1.04 0.00	31.00 1.13 0.00	33.26 1.28 0.00	35.34 1.39 0.00	43.97 1.64 0.00	41.31 1.57 0.00	38.41 1.60 0.00	40.68 1.88 -4.36	39.65 1.80 0.00	32.64 1.39 0.00	27.82 1.09 0.00	26.46 0.98 0.00	29.70 0.93 0.00	25.75 0.70 0.00

SHOEMAKR_138KV_BK 111 55601	28.37 0.37 0.00	29.41 0.34 0.00	28.21 0.30 0.00	28.67 0.27 0.00	25.69 0.36 0.00	25.56 0.45 0.00	29.40 0.52 0.00	26.47 0.58 0.00	28.36 0.69 0.00	31.61 0.88 0.00	32.22 1.01 0.00	30.98 1.11 0.00	33.25 1.26 0.00	35.31 1.37 0.00	43.94 1.61 0.00	41.28 1.54 0.00	38.39 1.58 0.00	40.64 1.87 -4.34	39.64 1.79 0.00	32.63 1.39 0.00	27.80 1.08 0.00	26.44 0.97 0.00	29.69 0.92 0.00	25.73 0.68 0.00
SHOREHAM_IC_1 23715	29.58 1.58 0.00	30.55 1.48 0.00	29.10 1.18 0.00	29.50 1.11 0.00	26.57 1.24 0.00	26.64 1.52 0.00	30.44 1.55 0.00	27.61 1.72 0.00	29.80 2.14 0.00	37.54 2.84 -3.98	48.09 3.08 -13.81	42.65 3.09 -9.69	47.15 3.35 -11.82	76.34 3.65 -38.74	57.99 4.31 -11.33	43.91 4.17 0.00	51.07 3.97 -10.29	74.57 4.21 -35.93	53.48 4.40 -11.23	94.39 3.59 -59.55	46.60 2.88 -16.99	29.97 2.59 -1.91	31.34 2.58 0.00	26.60 1.94 0.39
SHOREHAM_IC_2 23716	29.58 1.58 0.00	30.55 1.48 0.00	29.10 1.18 0.00	29.50 1.11 0.00	26.57 1.24 0.00	26.64 1.52 0.00	30.44 1.55 0.00	27.61 1.72 0.00	29.80 2.14 0.00	37.54 2.84 -3.98	48.09 3.08 -13.81	42.65 3.09 -9.69	47.15 3.35 -11.82	76.34 3.65 -38.74	57.99 4.31 -11.33	43.91 4.17 0.00	51.07 3.97 -10.29	74.57 4.21 -35.93	53.48 4.40 -11.23	94.39 3.59 -59.55	46.60 2.88 -16.99	29.97 2.59 -1.91	31.34 2.58 0.00	26.60 1.94 0.39
SISSONVILLE____ 23735	28.86 0.87 0.00	29.95 0.87 0.00	28.69 0.78 0.00	29.21 0.82 0.00	25.99 0.65 0.00	25.61 0.50 0.00	29.31 0.42 0.00	26.27 0.39 0.00	28.12 0.46 0.00	31.25 0.52 0.00	31.85 0.64 0.00	30.25 0.38 0.00	32.31 0.32 0.00	34.18 0.23 0.00	42.69 0.36 0.00	39.81 0.07 0.00	36.30 -0.51 0.00	33.71 -0.88 -0.15	37.09 -0.76 0.00	30.62 -0.63 0.00	26.57 -0.16 0.00	25.69 0.21 0.00	29.22 0.45 0.00	25.48 0.43 0.00
SITHE_IND_GS1 24169	27.11 -0.89 0.00	28.18 -0.90 0.00	27.06 -0.85 0.00	27.51 -0.88 0.00	24.51 -0.82 0.00	24.30 -0.81 0.00	27.96 -0.93 0.00	25.02 -0.87 0.00	26.63 -1.04 0.00	29.45 -1.27 0.00	29.89 -1.32 0.00	28.62 -1.25 0.00	30.65 -1.33 0.00	32.54 -1.41 0.00	40.53 -1.80 0.00	38.13 -1.61 0.00	35.46 -1.35 0.00	33.95 -1.22 -0.73	36.37 -1.48 0.00	29.99 -1.26 0.00	25.63 -1.10 0.00	24.43 -1.05 0.00	27.71 -1.06 0.00	24.18 -0.87 0.00
SITHE_IND_GS2 24170	27.11 -0.89 0.00	28.18 -0.90 0.00	27.06 -0.85 0.00	27.51 -0.88 0.00	24.51 -0.82 0.00	24.30 -0.81 0.00	27.96 -0.93 0.00	25.02 -0.87 0.00	26.63 -1.04 0.00	29.45 -1.27 0.00	29.89 -1.32 0.00	28.62 -1.25 0.00	30.65 -1.33 0.00	32.54 -1.41 0.00	40.53 -1.80 0.00	38.13 -1.61 0.00	35.46 -1.35 0.00	33.95 -1.22 -0.73	36.37 -1.48 0.00	29.99 -1.26 0.00	25.63 -1.10 0.00	24.43 -1.05 0.00	27.71 -1.06 0.00	24.18 -0.87 0.00
SITHE_IND_GS3 24171	27.11 -0.89 0.00	28.18 -0.90 0.00	27.06 -0.85 0.00	27.51 -0.88 0.00	24.51 -0.82 0.00	24.30 -0.81 0.00	27.96 -0.93 0.00	25.02 -0.87 0.00	26.63 -1.04 0.00	29.45 -1.27 0.00	29.89 -1.32 0.00	28.62 -1.25 0.00	30.65 -1.33 0.00	32.54 -1.41 0.00	40.53 -1.80 0.00	38.13 -1.61 0.00	35.46 -1.35 0.00	33.95 -1.22 -0.73	36.37 -1.48 0.00	29.99 -1.26 0.00	25.63 -1.10 0.00	24.43 -1.05 0.00	27.71 -1.06 0.00	24.18 -0.87 0.00
SITHE_IND_GS4 24172	27.11 -0.89 0.00	28.18 -0.90 0.00	27.06 -0.85 0.00	27.51 -0.88 0.00	24.51 -0.82 0.00	24.30 -0.81 0.00	27.96 -0.93 0.00	25.02 -0.87 0.00	26.63 -1.04 0.00	29.45 -1.27 0.00	29.89 -1.32 0.00	28.62 -1.25 0.00	30.65 -1.33 0.00	32.54 -1.41 0.00	40.53 -1.80 0.00	38.13 -1.61 0.00	35.46 -1.35 0.00	33.95 -1.22 -0.73	36.37 -1.48 0.00	29.99 -1.26 0.00	25.63 -1.10 0.00	24.43 -1.05 0.00	27.71 -1.06 0.00	24.18 -0.87 0.00
SITHE____BATAVIA 24024	24.78 -0.28 2.94	27.30 -0.18 1.60	26.19 -0.20 1.53	27.08 -0.15 1.17	23.94 -0.33 1.05	24.03 -0.23 0.86	28.28 -0.23 0.37	25.15 -0.68 0.06	26.81 -0.61 0.24	29.29 -0.69 0.74	29.32 -1.10 0.79	28.49 -1.17 0.21	30.47 -1.23 0.28	32.59 -1.17 0.18	40.89 -1.36 0.08	38.17 -0.79 0.78	34.67 -0.18 1.95	35.16 -0.43 -1.16	36.85 -1.00 0.00	29.69 -0.89 0.67	24.11 -0.78 1.84	24.44 -0.89 0.14	27.76 -1.01 0.00	24.32 -0.73 0.00
SITHE____INDEPEND 23800	27.11 -0.89 0.00	28.18 -0.90 0.00	27.06 -0.85 0.00	27.51 -0.88 0.00	24.51 -0.83 0.00	24.31 -0.81 0.00	27.96 -0.93 0.00	25.02 -0.87 0.00	26.63 -1.04 0.00	29.46 -1.27 0.00	29.90 -1.32 0.00	28.63 -1.24 0.00	30.65 -1.33 0.00	32.54 -1.40 0.00	40.54 -1.80 0.00	38.13 -1.61 0.00	35.46 -1.35 0.00	33.95 -1.22 -0.73	36.37 -1.48 0.00	29.99 -1.25 0.00	25.63 -1.09 0.00	24.43 -1.05 0.00	27.71 -1.06 0.00	24.18 -0.87 0.00
SITHE____MASSENA 23902	28.83 0.83 0.00	29.93 0.85 0.00	28.68 0.76 0.00	29.20 0.80 0.00	25.99 0.66 0.00	25.71 0.60 0.00	29.55 0.67 0.00	26.47 0.58 0.00	28.31 0.64 0.00	31.43 0.71 0.00	31.92 0.71 0.00	30.33 0.46 0.00	32.45 0.47 0.00	34.33 0.38 0.00	42.97 0.63 0.00	40.37 0.62 0.00	36.96 0.15 0.00	34.22 -0.22 0.00	37.86 0.01 0.00	31.30 0.05 0.00	27.04 0.31 0.00	25.91 0.44 0.00	29.36 0.59 0.00	25.60 0.56 0.00
SITHE____OGDNSBRG 24021	29.30 1.30 0.00	30.41 1.33 0.00	29.11 1.20 0.00	29.65 1.25 0.00	26.38 1.05 0.00	26.07 0.95 0.00	29.94 1.06 0.00	26.84 0.95 0.00	28.75 1.08 0.00	31.97 1.24 0.00	32.49 1.28 0.00	30.86 0.99 0.00	33.00 1.02 0.00	34.91 0.97 0.00	43.68 1.34 0.00	40.96 1.22 0.00	37.45 0.64 0.00	34.74 0.19 -0.12	38.31 0.46 0.00	31.66 0.42 0.00	27.41 0.68 0.00	26.32 0.84 0.00	29.82 1.05 0.00	25.98 0.93 0.00
SITHE____STERLING 23777	28.58 0.58 0.00	29.68 0.60 0.00	28.49 0.58 0.00	28.96 0.56 0.00	25.80 0.47 0.00	25.60 0.48 0.00	29.50 0.61 0.00	26.47 0.58 0.00	28.33 0.67 0.00	31.46 0.74 0.00	31.92 0.71 0.00	30.58 0.71 0.00	32.70 0.71 0.00	34.75 0.80 0.00	43.24 0.91 0.00	40.61 0.87 0.00	37.81 1.00 0.00	35.92 0.93 -0.56	38.71 0.87 0.00	31.89 0.64 0.00	27.20 0.47 0.00	25.87 0.39 0.00	29.20 0.43 0.00	25.38 0.33 0.00
SLEIGHT__34_KV_TB1 80719	27.36 -0.64 0.00	28.46 -0.62 0.00	27.30 -0.61 0.00	27.75 -0.65 0.00	24.67 -0.66 0.00	24.52 -0.60 0.00	28.24 -0.65 0.00	25.21 -0.68 0.00	26.98 -0.69 0.00	29.94 -0.78 0.00	30.25 -0.96 0.00	28.93 -0.95 0.00	30.98 -1.01 0.00	32.89 -1.06 0.00	41.01 -1.32 0.00	38.75 -1.00 0.00	36.27 -0.54 0.00	34.94 -0.56 -1.07	36.93 -0.92 0.00	30.39 -0.86 0.00	25.93 -0.80 0.00	24.63 -0.85 0.00	27.82 -0.95 0.00	24.22 -0.82 0.00
SOUTH CAIRO____GT 23612	29.36 1.36 0.00	30.45 1.37 0.00	29.30 1.39 0.00	29.86 1.47 0.00	26.68 1.35 0.00	26.45 1.34 0.00	30.46 1.58 0.00	27.36 1.47 0.00	29.44 1.77 0.00	32.91 2.18 0.00	33.56 2.35 0.00	32.16 2.29 0.00	34.48 2.49 0.00	36.56 2.61 0.00	45.44 3.10 0.00	42.82 3.08 0.00	39.95 3.14 0.00	43.10 3.23 -5.44	41.20 3.36 0.00	33.85 2.60 0.00	28.81 2.09 0.00	27.31 1.84 0.00	30.55 1.78 0.00	26.52 1.47 0.00

SOUTH HAMPTN___IC 23720	29.97 1.97 0.00	30.94 1.86 0.00	29.46 1.55 0.00	29.88 1.49 0.00	26.91 1.58 0.00	26.98 1.87 0.00	30.85 1.97 0.00	27.99 2.10 0.00	30.25 2.59 0.00	38.06 3.36 -3.98	48.62 3.60 -13.81	43.16 3.60 -9.69	47.69 3.88 -11.83	76.92 4.22 -38.75	58.69 5.02 -11.34	44.58 4.84 0.00	51.72 4.63 -10.28	75.14 4.82 -35.89	54.13 5.05 -11.23	94.94 4.12 -59.57	47.03 3.31 -16.99	30.36 2.98 -1.91	31.75 2.98 0.00	26.93 2.28 0.40
SOUTHDOW_115KV_TB1 355954	28.65 0.65 0.00	29.77 0.69 0.00	28.50 0.58 0.00	28.92 0.52 0.00	25.57 0.24 0.00	25.56 0.44 0.00	29.19 0.30 0.00	25.84 -0.05 0.00	27.94 0.27 0.00	31.19 0.47 0.00	31.39 0.18 0.00	29.82 -0.05 0.00	31.96 -0.03 0.00	34.12 0.17 0.00	42.52 0.18 0.00	39.95 0.21 0.00	37.37 0.56 0.00	35.96 0.21 -1.31	37.29 -0.56 0.00	30.54 -0.71 0.00	26.14 -0.59 0.00	24.73 -0.75 0.00	27.98 -0.79 0.00	24.34 -0.71 0.00
SOUTHOLD_69_KV_BK 2 55809	30.28 2.27 0.00	31.25 2.17 0.00	29.76 1.85 0.00	30.19 1.79 0.00	27.18 1.85 0.00	27.25 2.14 0.00	31.18 2.29 0.00	28.29 2.40 0.00	30.63 2.96 0.00	38.48 3.78 -3.98	48.97 3.94 -13.81	43.52 3.96 -9.69	48.11 4.30 -11.83	77.33 4.64 -38.75	59.30 5.63 -11.34	45.14 5.40 0.00	52.30 5.21 -10.28	75.66 5.34 -35.89	54.69 5.61 -11.23	95.37 4.56 -59.57	47.38 3.66 -16.99	30.69 3.31 -1.91	32.07 3.30 0.00	27.19 2.55 0.40
SOUTHOLD___IC 23719	30.28 2.28 0.00	31.25 2.17 0.00	29.76 1.85 0.00	30.19 1.80 0.00	27.18 1.85 0.00	27.26 2.14 0.00	31.18 2.29 0.00	28.29 2.40 0.00	30.62 2.95 0.00	38.49 3.78 -3.98	49.06 4.03 -13.81	43.58 4.02 -9.69	48.15 4.34 -11.83	77.40 4.70 -38.75	59.29 5.62 -11.34	45.15 5.41 0.00	52.30 5.21 -10.28	75.67 5.35 -35.89	54.69 5.61 -11.23	95.39 4.57 -59.57	47.39 3.67 -16.99	30.68 3.30 -1.91	32.08 3.31 0.00	27.19 2.54 0.40
SOUTH_FORK_WT_PWR 323839	30.34 2.34 0.00	31.33 2.25 0.00	29.83 1.92 0.00	30.25 1.86 0.00	27.25 1.92 0.00	27.33 2.21 0.00	31.26 2.37 0.00	28.36 2.47 0.00	30.70 3.04 0.00	38.58 3.87 -3.98	49.14 4.12 -13.81	43.66 4.10 -9.69	48.24 4.43 -11.83	77.49 4.79 -38.75	59.40 5.73 -11.34	45.26 5.52 0.00	52.40 5.31 -10.28	75.77 5.45 -35.89	54.80 5.72 -11.23	95.47 4.66 -59.57	47.46 3.74 -16.99	30.75 3.37 -1.91	32.16 3.39 0.00	27.26 2.61 0.40
SPIERFLS_115KV_TB 1 80737	29.08 1.08 0.00	30.11 1.03 0.00	28.97 1.06 0.00	29.50 1.11 0.00	26.43 1.10 0.00	26.26 1.15 0.00	30.24 1.35 0.00	27.07 1.18 0.00	29.09 1.42 0.00	32.42 1.69 0.00	33.12 1.91 0.00	31.98 2.12 0.00	34.35 2.36 0.00	36.47 2.52 0.00	45.37 3.04 0.00	42.44 2.70 0.00	39.51 2.71 0.00	43.03 2.72 -5.87	40.58 2.73 0.00	33.42 2.17 0.00	28.48 1.75 0.00	27.36 1.89 0.00	30.62 1.85 0.00	26.67 1.62 0.00
ST LAWRENCE___ 23600	28.40 0.40 0.00	29.48 0.40 0.00	28.26 0.34 0.00	28.76 0.37 0.00	25.62 0.29 0.00	25.36 0.25 0.00	29.15 0.26 0.00	26.11 0.22 0.00	27.93 0.26 0.00	31.00 0.28 0.00	31.46 0.25 0.00	30.01 0.14 0.00	32.10 0.11 0.00	33.99 0.04 0.00	42.50 0.16 0.00	39.87 0.13 0.00	36.62 -0.19 0.00	33.93 -0.50 0.00	37.55 -0.30 0.00	31.05 -0.19 0.00	26.72 -0.01 0.00	25.57 0.10 0.00	28.94 0.17 0.00	25.25 0.20 0.00
STATE_CA_115KV_115_LB 55624	28.22 0.22 0.00	29.29 0.22 0.00	28.18 0.26 0.00	28.70 0.31 0.00	25.69 0.35 0.00	25.49 0.37 0.00	29.31 0.42 0.00	26.31 0.42 0.00	28.18 0.51 0.00	31.44 0.72 0.00	32.04 0.83 0.00	30.75 0.88 0.00	33.00 1.02 0.00	35.04 1.09 0.00	43.62 1.28 0.00	41.00 1.25 0.00	38.08 1.28 0.00	41.68 1.50 -5.75	39.32 1.47 0.00	32.37 1.13 0.00	27.61 0.87 0.00	26.23 0.76 0.00	29.40 0.63 0.00	25.55 0.50 0.00
STATE_ST_34_KV_LOAD 55959	27.95 -0.05 0.00	29.05 -0.03 0.00	27.92 0.01 0.00	28.25 -0.14 0.00	25.22 -0.11 0.00	25.07 -0.05 0.00	28.85 -0.04 0.00	25.83 -0.07 0.00	27.59 -0.08 0.00	30.63 -0.09 0.00	30.95 -0.26 0.00	29.70 -0.17 0.00	31.85 -0.13 0.00	33.67 -0.28 0.00	41.93 -0.40 0.00	39.51 -0.22 0.00	37.05 0.24 0.00	35.79 0.26 -1.09	37.91 0.07 0.00	31.12 -0.13 0.00	26.57 -0.16 0.00	25.29 -0.19 0.00	28.55 -0.22 0.00	24.77 -0.28 0.00
STATION 5_MISC_HYD 23604	25.40 -0.69 1.91	27.40 -0.63 1.04	26.29 -0.63 0.99	27.02 -0.62 0.76	23.95 -0.69 0.68	23.95 -0.61 0.56	27.96 -0.69 0.24	25.02 -0.83 0.04	26.70 -0.81 0.16	29.31 -0.94 0.48	29.48 -1.22 0.51	28.49 -1.24 0.13	30.49 -1.31 0.18	32.52 -1.31 0.12	40.69 -1.59 0.05	38.05 -1.19 0.50	34.81 -0.72 1.27	34.72 -0.80 -1.09	36.61 -1.24 0.00	29.72 -1.09 0.44	24.58 -0.96 1.20	24.38 -1.00 0.09	27.69 -1.08 0.00	24.17 -0.88 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.65 -0.35 0.00	28.76 -0.32 0.00	27.59 -0.33 0.00	28.05 -0.34 0.00	24.92 -0.41 0.00	24.79 -0.33 0.00	28.56 -0.33 0.00	25.47 -0.42 0.00	27.28 -0.39 0.00	30.27 -0.45 0.00	30.58 -0.63 0.00	29.22 -0.66 0.00	31.27 -0.72 0.00	33.23 -0.72 0.00	41.43 -0.91 0.00	39.22 -0.52 0.00	36.68 -0.12 0.00	35.34 -0.18 -1.08	37.30 -0.55 0.00	30.73 -0.52 0.00	26.20 -0.53 0.00	24.86 -0.61 0.00	28.09 -0.68 0.00	24.47 -0.59 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.20 -0.80 0.00	28.31 -0.76 0.00	27.16 -0.76 0.00	27.65 -0.75 0.00	24.53 -0.80 0.00	24.38 -0.73 0.00	28.08 -0.81 0.00	24.97 -0.92 0.00	26.76 -0.91 0.00	29.67 -1.05 0.00	29.93 -1.28 0.00	28.59 -1.29 0.00	30.59 -1.39 0.00	32.57 -1.38 0.00	40.61 -1.73 0.00	38.44 -1.31 0.00	35.96 -0.85 0.00	34.62 -0.90 -1.08	36.51 -1.34 0.00	30.09 -1.16 0.00	25.70 -1.03 0.00	24.40 -1.08 0.00	27.59 -1.18 0.00	24.07 -0.97 0.00
STA_56___34_KV_BUS2 355983	27.20 -0.80 0.00	28.31 -0.76 0.00	27.16 -0.76 0.00	27.65 -0.75 0.00	24.53 -0.80 0.00	24.38 -0.73 0.00	28.08 -0.81 0.00	24.97 -0.92 0.00	26.76 -0.91 0.00	29.67 -1.05 0.00	29.93 -1.28 0.00	28.59 -1.29 0.00	30.59 -1.39 0.00	32.57 -1.38 0.00	40.61 -1.73 0.00	38.44 -1.31 0.00	35.96 -0.85 0.00	34.62 -0.90 -1.08	36.51 -1.34 0.00	30.09 -1.16 0.00	25.70 -1.03 0.00	24.40 -1.08 0.00	27.59 -1.18 0.00	24.07 -0.97 0.00
STA_67___115KV_BK2 355882	27.26 -0.74 0.00	28.39 -0.69 0.00	27.24 -0.67 0.00	27.73 -0.66 0.00	24.59 -0.74 0.00	24.46 -0.66 0.00	28.15 -0.73 0.00	25.01 -0.88 0.00	26.80 -0.86 0.00	29.73 -1.00 0.00	29.96 -1.25 0.00	28.59 -1.28 0.00	30.61 -1.37 0.00	32.58 -1.37 0.00	40.64 -1.70 0.00	38.47 -1.27 0.00	35.99 -0.82 0.00	34.64 -0.88 -1.09	36.52 -1.33 0.00	30.10 -1.14 0.00	25.71 -1.02 0.00	24.42 -1.05 0.00	27.63 -1.14 0.00	24.12 -0.93 0.00
STA_7___115KV_9TRANS 80674	27.44 -0.56 0.00	28.56 -0.52 0.00	27.39 -0.52 0.00	27.88 -0.52 0.00	24.73 -0.60 0.00	24.60 -0.52 0.00	28.31 -0.57 0.00	25.16 -0.73 0.00	26.97 -0.69 0.00	29.93 -0.80 0.00	30.17 -1.04 0.00	28.80 -1.07 0.00	30.84 -1.14 0.00	32.83 -1.12 0.00	40.96 -1.38 0.00	38.77 -0.97 0.00	36.29 -0.51 0.00	34.93 -0.59 -1.09	36.83 -1.02 0.00	30.35 -0.90 0.00	25.92 -0.81 0.00	24.61 -0.87 0.00	27.82 -0.94 0.00	24.28 -0.77 0.00

STA_82___115KV_TB1 80780	27.28 -0.72 0.00	28.41 -0.67 0.00	27.25 -0.66 0.00	27.75 -0.65 0.00	24.61 -0.72 0.00	24.47 -0.64 0.00	28.17 -0.72 0.00	25.03 -0.86 0.00	26.82 -0.85 0.00	29.74 -0.98 0.00	29.98 -1.23 0.00	28.62 -1.25 0.00	30.62 -1.36 0.00	32.60 -1.35 0.00	40.67 -1.67 0.00	38.50 -1.25 0.00	36.01 -0.80 0.00	34.66 -0.86 -1.09	36.54 -1.31 0.00	30.12 -1.12 0.00	25.73 -1.00 0.00	24.43 -1.04 0.00	27.64 -1.13 0.00	24.14 -0.91 0.00
STEEL___WIND 323596	23.20 -0.41 4.39	26.35 -0.34 2.38	25.27 -0.36 2.28	26.30 -0.36 1.74	23.20 -0.56 1.57	23.40 -0.43 1.28	27.83 -0.51 0.55	25.01 -0.79 0.09	26.52 -0.79 0.35	28.80 -0.85 1.08	28.83 -1.22 1.15	28.31 -1.26 0.30	30.26 -1.32 0.40	32.40 -1.28 0.27	40.62 -1.60 0.11	37.37 -1.21 1.16	33.25 -0.65 2.91	34.78 -0.92 -1.27	36.15 -1.70 0.00	28.78 -1.46 1.01	22.66 -1.32 2.75	23.84 -1.42 0.21	27.23 -1.54 0.00	23.83 -1.22 0.00
STEPHTWN_115KV_BK_2 55603	28.37 0.37 0.00	29.43 0.36 0.00	28.27 0.36 0.00	28.78 0.39 0.00	25.75 0.42 0.00	25.60 0.48 0.00	29.47 0.58 0.00	26.50 0.61 0.00	28.39 0.72 0.00	31.63 0.90 0.00	32.27 1.06 0.00	30.92 1.05 0.00	33.21 1.22 0.00	35.31 1.37 0.00	44.01 1.68 0.00	41.26 1.51 0.00	38.37 1.56 0.00	41.98 1.86 -5.69	39.63 1.78 0.00	32.69 1.44 0.00	27.82 1.09 0.00	26.43 0.95 0.00	29.62 0.85 0.00	25.71 0.67 0.00
STEUBEN_REC_LFGE 323667	28.18 0.18 0.00	29.18 0.11 0.00	27.83 -0.09 0.00	28.24 -0.15 0.00	24.73 -0.61 0.00	24.81 -0.30 0.00	28.29 -0.60 0.00	25.35 -0.54 0.00	27.12 -0.55 0.00	30.02 -0.71 0.00	29.84 -1.37 0.00	28.29 -1.58 0.00	30.46 -1.53 0.00	33.05 -0.90 0.00	41.64 -0.69 0.00	39.49 -0.26 0.00	36.79 -0.02 0.00	35.38 -0.57 -1.52	36.51 -1.34 0.00	29.66 -1.59 0.00	24.87 -1.86 0.00	23.32 -2.16 0.00	26.24 -2.53 0.00	22.90 -2.15 0.00
STILLWATER___SOLAR 323814	29.01 1.01 0.00	30.08 1.00 0.00	28.93 1.02 0.00	29.48 1.08 0.00	26.38 1.05 0.00	26.20 1.09 0.00	30.16 1.28 0.00	27.04 1.15 0.00	29.00 1.33 0.00	32.32 1.60 0.00	32.96 1.76 0.00	31.69 1.82 0.00	34.02 2.03 0.00	36.11 2.17 0.00	44.96 2.62 0.00	42.19 2.44 0.00	39.24 2.43 0.00	42.80 2.52 -5.85	40.42 2.57 0.00	33.28 2.04 0.00	28.37 1.64 0.00	27.04 1.57 0.00	30.31 1.54 0.00	26.34 1.29 0.00
STONY___BROOK 24151	29.45 1.45 0.00	30.42 1.34 0.00	28.97 1.06 0.00	29.37 0.98 0.00	26.44 1.12 0.00	26.51 1.40 0.00	30.29 1.41 0.00	27.48 1.59 0.00	29.65 1.98 0.00	37.35 2.65 -3.97	47.89 2.90 -13.79	42.47 2.93 -9.67	46.96 3.18 -11.80	76.14 3.47 -38.72	57.76 4.10 -11.33	43.70 3.95 0.00	50.90 3.76 -10.33	74.48 4.02 -36.03	53.27 4.20 -11.23	94.18 3.43 -59.51	46.45 2.75 -16.97	29.85 2.46 -1.91	31.20 2.43 0.00	26.49 1.82 0.38
STURGEON_POOL_HYD 23609	28.53 0.53 0.00	29.60 0.53 0.00	28.43 0.51 0.00	28.88 0.49 0.00	25.88 0.55 0.00	25.74 0.62 0.00	29.60 0.72 0.00	26.65 0.76 0.00	28.57 0.90 0.00	31.88 1.15 0.00	32.51 1.30 0.00	31.26 1.39 0.00	33.56 1.58 0.00	35.65 1.71 0.00	44.35 2.02 0.00	41.66 1.92 0.00	38.75 1.94 0.00	41.56 2.22 -4.91	40.04 2.19 0.00	32.96 1.71 0.00	28.09 1.36 0.00	26.68 1.21 0.00	29.91 1.15 0.00	25.91 0.87 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.42 0.42 0.00	29.45 0.38 0.00	28.24 0.33 0.00	28.68 0.28 0.00	25.71 0.39 0.00	25.61 0.50 0.00	29.47 0.58 0.00	26.54 0.65 0.00	28.43 0.76 0.00	31.70 0.98 0.00	32.32 1.12 0.00	31.09 1.22 0.00	33.39 1.40 0.00	35.46 1.52 0.00	44.12 1.78 0.00	41.44 1.70 0.00	38.54 1.73 0.00	40.95 2.07 -4.45	39.85 2.00 0.00	32.81 1.56 0.00	27.94 1.21 0.00	26.56 1.08 0.00	29.80 1.03 0.00	25.82 0.77 0.00
SWANROAD_115KV_TB1 355699	26.71 -1.29 0.00	27.93 -1.15 0.00	26.80 -1.11 0.00	27.36 -1.04 0.00	24.17 -1.16 0.00	24.04 -1.08 0.00	27.62 -1.27 0.00	24.09 -1.80 0.00	25.74 -1.92 0.00	28.55 -2.18 0.00	28.63 -2.58 0.00	27.30 -2.57 0.00	29.21 -2.78 0.00	31.16 -2.79 0.00	38.87 -3.47 0.00	36.97 -2.77 0.00	34.71 -2.10 0.00	33.31 -2.34 -1.21	34.76 -3.09 0.00	28.69 -2.55 0.00	24.57 -2.16 0.00	23.29 -2.19 0.00	26.37 -2.40 0.00	23.25 -1.79 0.00
SYNERGY___BIOGAS 323694	24.78 -0.28 2.94	27.30 -0.18 1.60	26.19 -0.20 1.53	27.08 -0.15 1.17	23.94 -0.33 1.05	24.03 -0.23 0.86	28.28 -0.23 0.37	25.15 -0.68 0.06	26.81 -0.61 0.24	29.29 -0.69 0.74	29.32 -1.10 0.79	28.49 -1.17 0.21	30.47 -1.23 0.28	32.59 -1.17 0.18	40.89 -1.36 0.08	38.17 -0.79 0.78	34.67 -0.18 1.95	35.16 -0.43 -1.16	36.85 -1.00 0.00	29.69 -0.89 0.67	24.11 -0.78 1.84	24.44 -0.89 0.14	27.76 -1.01 0.00	24.32 -0.73 0.00
SYRACUSE___ENERGY_ST1 323597	27.72 -0.28 0.00	28.79 -0.28 0.00	27.64 -0.27 0.00	28.08 -0.32 0.00	25.02 -0.31 0.00	24.84 -0.28 0.00	28.59 -0.30 0.00	25.60 -0.29 0.00	27.31 -0.36 0.00	30.28 -0.45 0.00	30.72 -0.49 0.00	29.42 -0.44 0.00	31.53 -0.46 0.00	33.45 -0.49 0.00	41.68 -0.65 0.00	39.22 -0.52 0.00	36.57 -0.24 0.00	35.26 -0.15 -0.97	37.48 -0.37 0.00	30.87 -0.37 0.00	26.35 -0.38 0.00	25.07 -0.40 0.00	28.37 -0.40 0.00	24.69 -0.35 0.00
SYRACUSE___ENERGY_ST2 323598	27.72 -0.28 0.00	28.79 -0.28 0.00	27.64 -0.27 0.00	28.08 -0.32 0.00	25.02 -0.31 0.00	24.84 -0.28 0.00	28.59 -0.30 0.00	25.60 -0.29 0.00	27.31 -0.36 0.00	30.28 -0.45 0.00	30.72 -0.49 0.00	29.42 -0.44 0.00	31.53 -0.46 0.00	33.45 -0.49 0.00	41.68 -0.65 0.00	39.22 -0.52 0.00	36.57 -0.24 0.00	35.26 -0.15 -0.97	37.48 -0.37 0.00	30.87 -0.37 0.00	26.35 -0.38 0.00	25.07 -0.40 0.00	28.37 -0.40 0.00	24.69 -0.35 0.00
SYRACUSE___POWER 24017	27.72 -0.29 0.00	28.79 -0.29 0.00	27.63 -0.28 0.00	28.08 -0.32 0.00	25.02 -0.32 0.00	24.83 -0.29 0.00	28.58 -0.30 0.00	25.60 -0.29 0.00	27.32 -0.35 0.00	30.28 -0.45 0.00	30.75 -0.46 0.00	29.45 -0.42 0.00	31.53 -0.45 0.00	33.50 -0.45 0.00	41.73 -0.60 0.00	39.27 -0.47 0.00	36.59 -0.21 0.00	35.30 -0.12 -0.99	37.51 -0.34 0.00	30.90 -0.34 0.00	26.37 -0.37 0.00	25.08 -0.39 0.00	28.37 -0.39 0.00	24.69 -0.35 0.00
TALLMAN___138KV_BK151 55660	28.45 0.44 0.00	29.47 0.40 0.00	28.24 0.33 0.00	28.68 0.28 0.00	25.72 0.39 0.00	25.65 0.54 0.00	29.53 0.64 0.00	26.60 0.71 0.00	28.49 0.82 0.00	31.78 1.05 0.00	32.40 1.19 0.00	31.19 1.32 0.00	33.48 1.50 0.00	35.58 1.63 0.00	44.25 1.92 0.00	41.56 1.82 0.00	38.65 1.84 0.00	41.22 2.23 -4.55	40.01 2.16 0.00	32.94 1.69 0.00	28.04 1.31 0.00	26.65 1.18 0.00	29.91 1.14 0.00	25.90 0.85 0.00
TEALLAVE_115KV_TB7 355573	27.55 -0.45 0.00	28.64 -0.45 0.00	27.48 -0.43 0.00	27.93 -0.46 0.00	24.88 -0.45 0.00	24.69 -0.43 0.00	28.42 -0.47 0.00	25.44 -0.45 0.00	27.14 -0.53 0.00	30.07 -0.65 0.00	30.53 -0.68 0.00	29.23 -0.64 0.00	31.30 -0.69 0.00	33.26 -0.68 0.00	41.44 -0.90 0.00	39.00 -0.74 0.00	36.32 -0.48 0.00	34.95 -0.37 -0.89	37.22 -0.63 0.00	30.67 -0.57 0.00	26.18 -0.55 0.00	24.91 -0.56 0.00	28.19 -0.58 0.00	24.55 -0.50 0.00

TELGRAPH_34_KV_EAST 80808	27.27 -0.73 0.00	28.46 -0.62 0.00	27.30 -0.62 0.00	27.84 -0.55 0.00	24.61 -0.72 0.00	24.50 -0.61 0.00	28.17 -0.71 0.00	24.69 -1.20 0.00	26.44 -1.22 0.00	29.34 -1.38 0.00	29.45 -1.76 0.00	28.08 -1.79 0.00	30.06 -1.93 0.00	32.05 -1.90 0.00	40.02 -2.32 0.00	38.06 -1.68 0.00	35.76 -1.05 0.00	34.31 -1.31 -1.19	35.88 -1.97 0.00	29.59 -1.65 0.00	25.30 -1.42 0.00	23.97 -1.50 0.00	27.12 -1.65 0.00	23.82 -1.23 0.00
TEMPLE___115KV_TB 2 55572	27.57 -0.43 0.00	28.65 -0.44 0.00	27.49 -0.42 0.00	27.94 -0.45 0.00	24.90 -0.44 0.00	24.70 -0.41 0.00	28.43 -0.46 0.00	25.45 -0.44 0.00	27.15 -0.52 0.00	30.08 -0.64 0.00	30.55 -0.67 0.00	29.25 -0.62 0.00	31.33 -0.66 0.00	33.27 -0.67 0.00	41.45 -0.88 0.00	39.02 -0.72 0.00	36.35 -0.46 0.00	34.98 -0.36 -0.90	37.24 -0.61 0.00	30.70 -0.54 0.00	26.19 -0.54 0.00	24.93 -0.55 0.00	28.21 -0.56 0.00	24.57 -0.48 0.00
TIANA___69_KV_BK 1 55817	29.86 1.86 0.00	30.84 1.75 0.00	29.36 1.44 0.00	29.78 1.38 0.00	26.82 1.49 0.00	26.88 1.77 0.00	30.74 1.85 0.00	27.88 1.99 0.00	30.14 2.47 0.00	37.91 3.20 -3.98	48.39 3.37 -13.81	42.96 3.40 -9.69	47.52 3.71 -11.83	76.70 4.01 -38.75	58.53 4.85 -11.34	44.39 4.65 0.00	51.54 4.46 -10.28	74.97 4.65 -35.89	53.96 4.88 -11.23	94.78 3.97 -59.57	46.90 3.18 -16.99	30.27 2.88 -1.91	31.64 2.87 0.00	26.83 2.19 0.40
TILDEN___115KV_TB1 80814	27.72 -0.29 0.00	28.79 -0.29 0.00	27.63 -0.28 0.00	28.08 -0.32 0.00	25.02 -0.32 0.00	24.83 -0.29 0.00	28.58 -0.30 0.00	25.60 -0.29 0.00	27.32 -0.35 0.00	30.28 -0.45 0.00	30.75 -0.46 0.00	29.45 -0.42 0.00	31.53 -0.45 0.00	33.50 -0.45 0.00	41.73 -0.60 0.00	39.27 -0.47 0.00	36.59 -0.21 0.00	35.30 -0.12 -0.99	37.51 -0.34 0.00	30.90 -0.34 0.00	26.37 -0.37 0.00	25.08 -0.39 0.00	28.37 -0.39 0.00	24.69 -0.35 0.00
TRIGEN___CC 323695	28.96 0.96 0.00	29.96 0.88 0.00	28.59 0.68 0.00	29.03 0.63 0.00	26.09 0.76 0.00	26.08 0.96 0.00	29.91 1.02 0.00	27.05 1.16 0.00	29.09 1.42 0.00	35.42 1.86 -2.83	43.04 2.02 -9.80	38.86 2.10 -6.89	42.72 2.34 -8.41	71.64 2.50 -35.19	55.38 2.99 -10.04	42.62 2.88 0.00	56.86 2.75 -17.31	93.78 3.04 -56.31	51.43 3.11 -10.47	84.55 2.51 -50.79	41.71 2.03 -12.95	29.48 1.84 -2.17	30.55 1.78 0.00	28.40 1.33 -2.02
TRINITY___115KV__ 4 BK 55933	28.13 0.13 0.00	29.19 0.12 0.00	28.09 0.17 0.00	28.62 0.22 0.00	25.61 0.28 0.00	25.41 0.30 0.00	29.22 0.33 0.00	26.22 0.33 0.00	28.09 0.42 0.00	31.32 0.60 0.00	31.93 0.72 0.00	30.63 0.76 0.00	32.87 0.88 0.00	34.90 0.95 0.00	43.43 1.10 0.00	40.82 1.08 0.00	37.92 1.11 0.00	41.47 1.34 -5.70	39.16 1.31 0.00	32.24 1.00 0.00	27.50 0.78 0.00	26.14 0.66 0.00	29.29 0.53 0.00	25.47 0.42 0.00
UNION___PROCESSING_DRP 323587	27.28 -0.72 0.00	28.41 -0.66 0.00	27.26 -0.65 0.00	27.76 -0.64 0.00	24.62 -0.72 0.00	24.48 -0.64 0.00	28.18 -0.71 0.00	25.03 -0.86 0.00	26.83 -0.84 0.00	29.76 -0.97 0.00	29.99 -1.22 0.00	28.62 -1.25 0.00	30.64 -1.35 0.00	32.61 -1.34 0.00	40.68 -1.66 0.00	38.52 -1.23 0.00	36.04 -0.77 0.00	34.68 -0.84 -1.09	36.56 -1.29 0.00	30.13 -1.11 0.00	25.74 -0.99 0.00	24.44 -1.03 0.00	27.65 -1.12 0.00	24.14 -0.91 0.00
UPPER HUDSON___HYD 24058	29.08 1.08 0.00	30.11 1.04 0.00	28.97 1.06 0.00	29.50 1.11 0.00	26.43 1.10 0.00	26.27 1.15 0.00	30.24 1.35 0.00	27.07 1.18 0.00	29.09 1.42 0.00	32.41 1.69 0.00	33.13 1.91 0.00	31.99 2.12 0.00	34.35 2.36 0.00	36.47 2.52 0.00	45.37 3.04 0.00	42.44 2.70 0.00	39.51 2.71 0.00	43.03 2.72 -5.87	40.58 2.73 0.00	33.42 2.18 0.00	28.49 1.76 0.00	27.36 1.89 0.00	30.63 1.86 0.00	26.67 1.62 0.00
UPPER RAQUET___HYD 24056	28.87 0.87 0.00	29.95 0.87 0.00	28.69 0.78 0.00	29.21 0.82 0.00	25.99 0.66 0.00	25.61 0.49 0.00	29.31 0.42 0.00	26.27 0.38 0.00	28.12 0.46 0.00	31.25 0.52 0.00	31.85 0.64 0.00	30.25 0.38 0.00	32.31 0.32 0.00	34.17 0.23 0.00	42.69 0.35 0.00	39.81 0.06 0.00	36.30 -0.51 0.00	33.71 -0.88 -0.15	37.09 -0.76 0.00	30.62 -0.63 0.00	26.58 -0.15 0.00	25.69 0.21 0.00	29.22 0.45 0.00	25.48 0.43 0.00
VALLEY44_115KV_TB2 355964	28.35 0.35 0.00	29.51 0.43 0.00	28.29 0.38 0.00	28.75 0.35 0.00	25.49 0.16 0.00	25.52 0.41 0.00	29.35 0.46 0.00	26.01 0.11 0.00	27.91 0.24 0.00	30.92 0.20 0.00	31.05 -0.16 0.00	29.38 -0.49 0.00	31.42 -0.57 0.00	33.39 -0.55 0.00	41.76 -0.57 0.00	39.45 -0.30 0.00	37.08 0.27 0.00	35.90 0.14 -1.33	37.33 -0.52 0.00	30.82 -0.43 0.00	26.30 -0.43 0.00	25.00 -0.48 0.00	28.55 -0.22 0.00	24.83 -0.22 0.00
VALLEY___115KV_TB 1-4 80826	27.76 -0.24 0.00	28.72 -0.35 0.00	27.57 -0.34 0.00	28.04 -0.35 0.00	25.04 -0.30 0.00	24.80 -0.31 0.00	28.53 -0.35 0.00	25.68 -0.21 0.00	27.55 -0.12 0.00	30.71 -0.02 0.00	31.27 0.06 0.00	30.18 0.31 0.00	32.30 0.32 0.00	34.23 0.28 0.00	42.47 0.14 0.00	39.83 0.08 0.00	37.04 0.23 0.00	35.13 0.57 -0.13	38.37 0.52 0.00	31.63 0.38 0.00	26.93 0.20 0.00	25.63 0.16 0.00	28.94 0.17 0.00	25.06 0.01 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.71 0.71 0.00	29.86 0.78 0.00	28.65 0.74 0.00	29.06 0.67 0.00	25.95 0.62 0.00	25.73 0.61 0.00	29.60 0.72 0.00	26.59 0.70 0.00	28.54 0.87 0.00	31.75 1.03 0.00	32.36 1.15 0.00	31.07 1.20 0.00	33.28 1.29 0.00	35.32 1.37 0.00	43.97 1.64 0.00	41.30 1.56 0.00	38.39 1.59 0.00	38.58 1.69 -2.46	39.47 1.62 0.00	32.52 1.28 0.00	27.70 0.97 0.00	26.35 0.88 0.00	29.70 0.93 0.00	25.71 0.66 0.00
VISCHER___FERRY HYD 24020	28.64 0.64 0.00	29.72 0.64 0.00	28.59 0.68 0.00	29.17 0.77 0.00	26.10 0.77 0.00	25.91 0.80 0.00	29.79 0.91 0.00	26.72 0.83 0.00	28.62 0.95 0.00	31.93 1.21 0.00	32.53 1.32 0.00	31.23 1.36 0.00	33.51 1.52 0.00	35.58 1.63 0.00	44.28 1.94 0.00	41.59 1.85 0.00	38.63 1.82 0.00	42.21 2.02 -5.76	39.89 2.04 0.00	32.85 1.61 0.00	28.02 1.29 0.00	26.64 1.17 0.00	29.86 1.09 0.00	25.95 0.90 0.00
V_A_10_SYNC_DSASP 323832	23.64 -1.26 3.10	26.20 -1.19 1.69	25.14 -1.16 1.61	26.04 -1.13 1.23	23.02 -1.20 1.11	23.12 -1.09 0.91	27.23 -1.26 0.39	24.35 -1.48 0.06	25.92 -1.49 0.25	28.23 -1.72 0.78	28.27 -2.11 0.83	27.54 -2.11 0.22	29.44 -2.25 0.29	31.46 -2.29 0.19	39.42 -2.83 0.08	36.61 -2.31 0.82	33.01 -1.74 2.06	33.73 -1.85 -1.15	35.36 -2.49 0.00	28.44 -2.09 0.71	23.00 -1.78 1.94	23.56 -1.77 0.15	26.87 -1.90 0.00	23.52 -1.53 0.00
V_CMM_10_SYNC_DSASP 323787	28.53 0.53 0.00	29.62 0.54 0.00	28.39 0.47 0.00	28.90 0.50 0.00	25.74 0.41 0.00	25.47 0.36 0.00	29.29 0.40 0.00	26.24 0.35 0.00	28.06 0.39 0.00	31.16 0.43 0.00	31.61 0.40 0.00	30.15 0.27 0.00	32.25 0.26 0.00	34.15 0.20 0.00	42.70 0.37 0.00	40.06 0.31 0.00	36.80 -0.01 0.00	34.10 -0.33 0.00	37.73 -0.12 0.00	31.20 -0.05 0.00	26.84 0.11 0.00	25.69 0.21 0.00	29.08 0.31 0.00	25.36 0.31 0.00

V_CMP_10_SYNC_DSASP 323788	29.66 1.66 0.00	30.80 1.72 0.00	29.62 1.71 0.00	30.13 1.74 0.00	26.74 1.41 0.00	26.30 1.19 0.00	30.24 1.36 0.00	27.12 1.23 0.00	29.14 1.47 0.00	32.16 1.44 0.00	32.79 1.58 0.00	31.39 1.52 0.00	33.55 1.57 0.00	35.42 1.48 0.00	44.14 1.81 0.00	41.37 1.63 0.00	38.27 1.46 0.00	35.21 0.77 0.00	38.37 0.53 0.00	31.22 -0.03 0.00	26.53 -0.20 0.00	25.49 0.01 0.00	29.07 0.30 0.00	25.69 0.65 0.00
V_D_10_SYNC_DSASP 323841	22.70 -1.43 3.87	25.56 -1.41 2.10	24.53 -1.38 2.01	25.51 -1.35 1.53	22.51 -1.44 1.39	22.64 -1.35 1.13	26.80 -1.60 0.49	23.91 -1.90 0.08	25.42 -1.93 0.31	27.58 -2.18 0.97	27.53 -2.65 1.03	26.97 -2.63 0.27	28.82 -2.80 0.36	30.86 -2.85 0.24	38.71 -3.52 0.10	35.88 -2.84 1.02	32.25 -1.99 2.57	33.22 -2.43 -1.21	34.68 -3.17 0.00	27.75 -2.61 0.89	22.18 -2.12 2.42	23.11 -2.18 0.19	26.36 -2.41 0.00	23.14 -1.91 0.00
V_E_10_SYNC_DSASP 323830	31.09 1.96 -1.13	31.65 1.95 -0.61	30.11 1.61 -0.59	30.15 1.31 -0.45	26.80 1.06 -0.40	26.50 1.05 -0.33	30.27 1.24 -0.14	27.10 1.19 -0.02	29.39 1.63 -0.09	32.91 1.90 -0.28	33.79 2.28 -0.30	32.12 2.17 -0.08	34.30 2.21 -0.11	36.10 2.08 -0.07	44.76 2.40 -0.03	42.03 2.00 -0.30	39.86 2.30 -0.75	39.00 2.63 -1.94	40.44 2.59 0.00	33.65 2.15 -0.26	28.81 1.37 -0.71	26.62 1.09 -0.05	30.32 1.55 0.00	25.98 0.93 0.00
V_F_30_NSYNC___DSASP 323816	29.05 1.05 0.00	30.12 1.04 0.00	28.97 1.06 0.00	29.51 1.12 0.00	26.40 1.07 0.00	26.23 1.11 0.00	30.20 1.31 0.00	27.07 1.18 0.00	29.03 1.37 0.00	32.36 1.64 0.00	33.01 1.80 0.00	31.72 1.85 0.00	34.05 2.06 0.00	36.15 2.20 0.00	45.01 2.68 0.00	42.23 2.49 0.00	39.29 2.48 0.00	42.86 2.57 -5.86	40.45 2.61 0.00	33.32 2.07 0.00	28.40 1.67 0.00	27.07 1.59 0.00	30.35 1.58 0.00	26.37 1.32 0.00
V_F_30_SYNC_DSASP 323786	28.22 0.22 0.00	29.29 0.22 0.00	28.17 0.25 0.00	28.70 0.31 0.00	25.68 0.35 0.00	25.49 0.37 0.00	29.31 0.42 0.00	26.31 0.42 0.00	28.18 0.51 0.00	31.43 0.71 0.00	32.04 0.82 0.00	30.75 0.88 0.00	33.00 1.02 0.00	35.04 1.09 0.00	43.61 1.27 0.00	40.99 1.25 0.00	38.08 1.28 0.00	41.67 1.50 -5.74	39.32 1.47 0.00	32.37 1.13 0.00	27.60 0.87 0.00	26.23 0.75 0.00	29.40 0.63 0.00	25.55 0.50 0.00
V_XM_10_SYNC_DSASP 323789	29.66 1.66 0.00	30.80 1.72 0.00	29.62 1.71 0.00	30.13 1.74 0.00	26.74 1.41 0.00	26.30 1.19 0.00	30.24 1.36 0.00	27.12 1.23 0.00	29.14 1.47 0.00	32.16 1.44 0.00	32.79 1.58 0.00	31.39 1.52 0.00	33.55 1.57 0.00	35.42 1.48 0.00	44.14 1.81 0.00	41.37 1.63 0.00	38.27 1.46 0.00	35.21 0.77 0.00	38.37 0.53 0.00	31.22 -0.03 0.00	26.53 -0.20 0.00	25.49 0.01 0.00	29.07 0.30 0.00	25.69 0.65 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.55 0.55 0.00	29.58 0.50 0.00	28.34 0.42 0.00	28.78 0.39 0.00	25.81 0.48 0.00	25.74 0.62 0.00	29.62 0.74 0.00	26.69 0.80 0.00	28.59 0.92 0.00	31.90 1.17 0.00	32.52 1.31 0.00	31.31 1.43 0.00	33.61 1.62 0.00	35.71 1.76 0.00	44.41 2.07 0.00	41.71 1.97 0.00	38.80 2.00 0.00	41.37 2.37 -4.57	40.16 2.31 0.00	33.07 1.82 0.00	28.15 1.42 0.00	26.75 1.28 0.00	30.01 1.24 0.00	25.98 0.93 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.54 0.53 0.00	29.57 0.49 0.00	28.31 0.39 0.00	28.76 0.36 0.00	25.80 0.47 0.00	25.74 0.63 0.00	29.63 0.74 0.00	26.71 0.82 0.00	28.66 0.99 0.00	31.99 1.26 0.00	32.62 1.41 0.00	31.41 1.53 0.00	33.72 1.73 0.00	35.81 1.87 0.00	44.50 2.17 0.00	41.83 2.08 0.00	38.91 2.10 0.00	41.62 2.47 -4.72	40.25 2.40 0.00	33.17 1.92 0.00	28.24 1.51 0.00	26.85 1.38 0.00	30.07 1.30 0.00	26.00 0.95 0.00
W50THST__13_KV_LOAD 356117	28.73 0.73 0.00	29.78 0.69 0.00	28.49 0.58 0.00	28.95 0.55 0.00	25.96 0.63 0.00	25.91 0.79 0.00	29.83 0.94 0.00	26.90 1.02 0.00	28.87 1.20 0.00	32.24 1.51 0.00	32.87 1.66 0.00	31.65 1.77 0.00	33.99 2.00 0.00	36.10 2.16 0.00	44.85 2.51 0.00	42.15 2.41 0.00	39.23 2.42 0.00	41.92 2.77 -4.72	40.56 2.71 0.00	33.43 2.18 0.00	28.46 1.73 0.00	27.05 1.58 0.00	30.29 1.51 0.00	26.18 1.13 0.00
WADING RIVER_IC_1 23522	29.57 1.57 0.00	30.54 1.46 0.00	29.08 1.17 0.00	29.50 1.10 0.00	26.56 1.23 0.00	26.63 1.51 0.00	30.43 1.55 0.00	27.60 1.71 0.00	29.80 2.13 0.00	37.53 2.83 -3.98	48.09 3.06 -13.82	42.64 3.08 -9.69	47.15 3.34 -11.83	76.34 3.64 -38.75	57.96 4.29 -11.34	43.90 4.16 0.00	51.03 3.95 -10.28	74.50 4.19 -35.88	53.45 4.37 -11.23	94.39 3.58 -59.58	46.59 2.86 -17.00	29.96 2.58 -1.91	31.33 2.56 0.00	26.59 1.94 0.40
WADING RIVER_IC_2 23547	29.57 1.57 0.00	30.54 1.46 0.00	29.08 1.17 0.00	29.50 1.10 0.00	26.56 1.23 0.00	26.63 1.51 0.00	30.43 1.55 0.00	27.60 1.71 0.00	29.80 2.13 0.00	37.53 2.83 -3.98	48.09 3.06 -13.82	42.64 3.08 -9.69	47.15 3.34 -11.83	76.34 3.64 -38.75	57.96 4.29 -11.34	43.90 4.16 0.00	51.03 3.95 -10.28	74.50 4.19 -35.88	53.45 4.37 -11.23	94.39 3.58 -59.58	46.59 2.86 -17.00	29.96 2.58 -1.91	31.33 2.56 0.00	26.59 1.94 0.40
WADING RIVER_IC_3 23601	29.57 1.57 0.00	30.54 1.46 0.00	29.08 1.17 0.00	29.50 1.10 0.00	26.56 1.23 0.00	26.63 1.51 0.00	30.43 1.55 0.00	27.60 1.71 0.00	29.80 2.13 0.00	37.53 2.83 -3.98	48.09 3.06 -13.82	42.64 3.08 -9.69	47.15 3.34 -11.83	76.34 3.64 -38.75	57.96 4.29 -11.34	43.90 4.16 0.00	51.03 3.95 -10.28	74.50 4.19 -35.88	53.45 4.37 -11.23	94.39 3.58 -59.58	46.59 2.86 -17.00	29.96 2.58 -1.91	31.33 2.56 0.00	26.59 1.94 0.40
WALDENNY_12_KV_BK2 80841	27.57 -0.43 0.00	28.74 -0.34 0.00	27.57 -0.35 0.00	28.06 -0.33 0.00	24.79 -0.54 0.00	24.70 -0.41 0.00	28.39 -0.50 0.00	25.07 -0.82 0.00	26.85 -0.82 0.00	29.83 -0.89 0.00	29.98 -1.23 0.00	28.59 -1.28 0.00	30.62 -1.37 0.00	32.63 -1.31 0.00	40.65 -1.68 0.00	38.51 -1.24 0.00	36.12 -0.69 0.00	34.74 -0.95 -1.26	36.17 -1.68 0.00	29.81 -1.44 0.00	25.45 -1.29 0.00	24.09 -1.39 0.00	27.27 -1.50 0.00	23.87 -1.18 0.00
WALDEN___HYDRO 24148	28.66 0.66 0.00	29.70 0.62 0.00	28.48 0.57 0.00	28.92 0.53 0.00	25.93 0.60 0.00	25.83 0.72 0.00	29.73 0.84 0.00	26.84 0.95 0.00	28.78 1.11 0.00	32.10 1.38 0.00	32.75 1.54 0.00	31.50 1.64 0.00	33.82 1.83 0.00	35.92 1.97 0.00	44.68 2.35 0.00	41.90 2.16 0.00	38.99 2.19 0.00	41.41 2.35 -4.62	40.29 2.45 0.00	33.25 2.00 0.00	28.26 1.53 0.00	26.83 1.35 0.00	30.09 1.33 0.00	26.05 1.00 0.00
WARRENSBURG____ 23737	29.08 1.08 0.00	30.11 1.04 0.00	28.97 1.06 0.00	29.50 1.11 0.00	26.43 1.10 0.00	26.27 1.15 0.00	30.24 1.35 0.00	27.07 1.18 0.00	29.09 1.42 0.00	32.41 1.69 0.00	33.13 1.91 0.00	31.99 2.12 0.00	34.35 2.36 0.00	36.47 2.52 0.00	45.37 3.04 0.00	42.44 2.70 0.00	39.51 2.71 0.00	43.03 2.72 -5.87	40.58 2.73 0.00	33.42 2.18 0.00	28.49 1.76 0.00	27.36 1.89 0.00	30.63 1.86 0.00	26.67 1.62 0.00

YORK__WARBASSE	28.63	29.66	28.38	28.83	25.86	25.81	29.71	26.80	28.74	32.09	32.74	31.52	33.85	35.94	44.64	41.94	39.04	41.75	40.43	33.29	28.35	26.94	30.17	26.10
23770	0.63	0.58	0.47	0.43	0.53	0.69	0.83	0.91	1.07	1.37	1.53	1.65	1.86	1.99	2.31	2.20	2.23	2.59	2.58	2.04	1.63	1.47	1.40	1.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.72	0.00	0.00	0.00	0.00	0.00	0.00