

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/14/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	25.56	23.98	24.51	29.20	36.19	37.07	41.25	48.27	36.25	32.62	45.12	43.90	73.26	39.30	30.82	31.57	31.06	35.27	35.29	35.26	36.34	33.67	32.17	31.50
24138	1.87	1.66	1.62	1.94	2.48	2.79	3.37	4.34	3.39	3.09	2.53	2.14	2.17	2.10	2.02	2.27	2.66	3.39	3.34	3.43	3.37	3.07	2.92	2.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-19.27	-21.34	-50.27	-17.06	-9.52	-8.14	-4.21	-0.62	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	25.52	23.97	24.50	29.18	36.16	37.03	41.18	48.17	36.16	32.69	51.10	49.79	81.27	44.61	33.41	31.87	31.69	35.42	35.26	35.22	36.30	33.62	32.12	31.46
24260	1.83	1.64	1.60	1.91	2.44	2.74	3.31	4.24	3.30	3.01	2.46	2.08	2.09	2.05	1.97	2.22	2.62	3.34	3.30	3.39	3.33	3.02	2.87	2.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-25.33	-27.29	-58.36	-22.42	-12.15	-8.49	-4.89	-0.81	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	25.52	23.97	24.50	29.18	36.16	37.03	41.18	48.17	36.16	32.69	51.10	49.79	81.27	44.61	33.41	31.87	31.69	35.42	35.26	35.22	36.30	33.62	32.12	31.46
24261	1.83	1.64	1.60	1.91	2.44	2.74	3.31	4.24	3.30	3.01	2.46	2.08	2.09	2.05	1.97	2.22	2.62	3.34	3.30	3.39	3.33	3.02	2.87	2.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.62	-25.33	-27.29	-58.36	-22.42	-12.15	-8.49	-4.89	-0.81	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	25.11	23.67	24.16	28.70	35.30	36.02	39.82	46.29	34.46	30.20	24.18	21.18	21.44	20.73	19.86	22.11	28.17	33.10	33.83	33.69	34.83	32.29	30.85	30.24
24011	1.42	1.34	1.27	1.44	1.58	1.73	1.94	2.36	1.60	1.14	0.87	0.75	0.62	0.58	0.58	0.95	1.41	1.83	1.87	1.87	1.86	1.70	1.60	1.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	25.17	23.75	24.23	28.80	35.41	36.17	39.99	46.54	34.91	30.59	24.41	21.25	21.49	20.77	19.90	22.21	28.32	33.23	33.98	33.84	34.96	32.43	31.00	30.38
23798	1.48	1.43	1.34	1.53	1.69	1.89	2.11	2.61	2.06	1.52	1.09	0.83	0.68	0.62	0.61	1.05	1.57	1.97	2.02	2.01	1.99	1.84	1.75	1.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	25.11	23.67	24.16	28.70	35.30	36.02	39.82	46.29	34.46	30.20	24.18	21.18	21.44	20.73	19.86	22.11	28.17	33.10	33.83	33.69	34.83	32.29	30.85	30.24
24028	1.42	1.34	1.27	1.44	1.58	1.73	1.94	2.36	1.60	1.14	0.87	0.75	0.62	0.58	0.58	0.95	1.41	1.83	1.87	1.87	1.86	1.70	1.60	1.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	25.45	23.96	24.55	29.26	36.06	36.43	40.40	47.12	35.24	31.03	24.81	21.66	21.96	21.26	20.36	22.61	28.32	33.33	34.05	33.94	35.36	32.80	31.43	30.84
23527	1.76	1.64	1.66	1.99	2.34	2.15	2.53	3.19	2.38	1.96	1.49	1.24	1.15	1.12	1.08	1.46	1.65	2.07	2.09	2.12	2.39	2.21	2.18	2.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	24.68	23.22	23.76	28.27	34.78	35.39	39.09	45.15	33.76	29.94	24.00	21.06	21.40	20.72	19.84	21.84	27.50	32.25	32.91	32.78	33.89	31.47	30.11	29.73
24190	0.99	0.89	0.86	1.01	1.06	1.10	1.22	1.22	0.90	0.88	0.69	0.63	0.58	0.58	0.56	0.68	0.82	0.99	0.96	0.95	0.92	0.88	0.86	0.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	23.43	22.08	22.63	26.94	33.36	33.71	36.99	42.71	31.94	28.30	22.70	19.93	20.37	19.70	18.89	17.98	-3.12	30.38	31.09	11.00	32.10	29.87	28.58	28.16
355683	-0.26	-0.25	-0.26	-0.32	-0.36	-0.58	-0.89	-1.22	-0.92	-0.77	-0.62	-0.49	-0.45	-0.44	-0.40	-0.46	-0.67	-0.88	-0.87	-0.93	-0.87	-0.72	-0.67	-0.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.73	26.64	0.00	0.00	19.91	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	24.99	23.53	24.10	28.71	35.41	36.02	39.82	46.08	34.20	30.22	24.12	21.08	21.44	20.74	19.88	22.00	27.81	32.88	33.59	33.46	34.60	32.15	30.76	30.29
323833	1.30	1.20	1.21	1.44	1.69	1.74	1.95	2.15	1.34	1.15	0.80	0.66	0.62	0.60	0.59	0.85	1.19	1.62	1.63	1.63	1.63	1.56	1.51	1.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	24.98	23.52	24.10	28.71	35.40	36.02	39.81	46.07	34.20	30.21	24.11	21.08	21.43	20.74	19.87	22.00	27.81	32.87	33.58	33.44	34.59	32.15	30.75	30.27
323834	1.29	1.19	1.21	1.44	1.68	1.73	1.94	2.14	1.34	1.15	0.80	0.66	0.62	0.60	0.59	0.84	1.18	1.61	1.63	1.62	1.62	1.55	1.50	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	24.68	23.22	23.76	28.27	34.78	35.39	39.09	45.15	33.76	29.94	24.00	21.06	21.40	20.72	19.84	21.84	27.50	32.25	32.91	32.78	33.89	31.47	30.11	29.73
23571	0.99	0.89	0.86	1.01	1.06	1.10	1.22	1.22	0.90	0.88	0.69	0.63	0.58	0.58	0.56	0.68	0.82	0.99	0.96	0.95	0.92	0.88	0.86	0.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	24.68 0.99 0.00	23.22 0.89 0.00	23.76 0.86 0.00	28.27 1.01 0.00	34.78 1.06 0.00	35.39 1.10 0.00	39.09 1.22 0.00	45.15 1.22 0.00	33.76 0.90 0.00	29.94 0.88 0.00	24.00 0.69 0.00	21.06 0.63 0.00	21.40 0.58 0.00	20.72 0.58 0.00	19.84 0.56 0.00	21.84 0.68 0.00	27.50 0.82 -2.50	32.25 0.99 0.00	32.91 0.96 0.00	32.78 0.95 0.00	33.89 0.92 0.00	31.47 0.88 0.00	30.11 0.86 0.00	29.73 0.96 0.00
ALBANY___3 23573	24.68 0.99 0.00	23.22 0.89 0.00	23.76 0.86 0.00	28.27 1.01 0.00	34.78 1.06 0.00	35.39 1.10 0.00	39.09 1.22 0.00	45.15 1.22 0.00	33.76 0.90 0.00	29.94 0.88 0.00	24.00 0.69 0.00	21.06 0.63 0.00	21.40 0.58 0.00	20.72 0.58 0.00	19.84 0.56 0.00	21.84 0.68 0.00	27.50 0.82 -2.50	32.25 0.99 0.00	32.91 0.96 0.00	32.78 0.95 0.00	33.89 0.92 0.00	31.47 0.88 0.00	30.11 0.86 0.00	29.73 0.96 0.00
ALBANY___4 23574	24.68 0.99 0.00	23.22 0.89 0.00	23.76 0.86 0.00	28.27 1.01 0.00	34.78 1.06 0.00	35.39 1.10 0.00	39.09 1.22 0.00	45.15 1.22 0.00	33.76 0.90 0.00	29.94 0.88 0.00	24.00 0.69 0.00	21.06 0.63 0.00	21.40 0.58 0.00	20.72 0.58 0.00	19.84 0.56 0.00	21.84 0.68 0.00	27.50 0.82 -2.50	32.25 0.99 0.00	32.91 0.96 0.00	32.78 0.95 0.00	33.89 0.92 0.00	31.47 0.88 0.00	30.11 0.86 0.00	29.73 0.96 0.00
ALBANY___LFGE 323615	24.85 1.16 0.00	23.37 1.05 0.00	23.92 1.03 0.00	28.47 1.20 0.00	35.05 1.34 0.00	35.69 1.40 0.00	39.45 1.58 0.00	45.66 1.73 0.00	34.12 1.26 0.00	30.24 1.17 0.00	24.24 0.93 0.00	21.25 0.82 0.00	21.59 0.78 0.00	20.91 0.77 0.00	20.03 0.75 0.00	22.07 0.91 0.00	27.80 1.10 -2.52	32.63 1.37 0.00	33.30 1.34 0.00	33.17 1.34 0.00	34.29 1.32 0.00	31.83 1.23 0.00	30.45 1.20 0.00	30.01 1.25 0.00
ALCOA_PA_115KV_PL-6C 55860	23.51 -0.18 0.00	22.15 -0.18 0.00	22.71 -0.18 0.00	27.04 -0.23 0.00	33.47 -0.25 0.00	33.81 -0.47 0.00	37.10 -0.78 0.00	42.83 -1.10 0.00	32.02 -0.84 0.00	28.35 -0.72 0.00	22.74 -0.57 0.00	19.94 -0.48 0.00	20.38 -0.44 0.00	19.70 -0.44 0.00	18.89 -0.40 0.00	18.07 -0.45 2.64	-2.33 -0.65 25.87	30.45 -0.81 0.00	31.16 -0.79 0.00	11.70 -0.86 19.26	32.18 -0.79 0.00	29.94 -0.65 0.00	28.65 -0.60 0.00	28.27 -0.50 0.00
ALCOA_RYNLDS___DRP 24188	23.51 -0.18 0.00	22.15 -0.18 0.00	22.71 -0.18 0.00	27.04 -0.23 0.00	33.47 -0.25 0.00	33.81 -0.47 0.00	37.10 -0.78 0.00	42.83 -1.10 0.00	32.02 -0.84 0.00	28.35 -0.72 0.00	22.74 -0.57 0.00	19.94 -0.48 0.00	20.38 -0.44 0.00	19.70 -0.44 0.00	18.89 -0.40 0.00	18.07 -0.45 2.64	-2.33 -0.65 25.87	30.45 -0.81 0.00	31.16 -0.79 0.00	11.70 -0.86 19.26	32.18 -0.79 0.00	29.94 -0.65 0.00	28.65 -0.60 0.00	28.27 -0.50 0.00
ALCOA___DSASP 323711	23.51 -0.18 0.00	22.15 -0.18 0.00	22.71 -0.18 0.00	27.04 -0.23 0.00	33.47 -0.25 0.00	33.81 -0.47 0.00	37.10 -0.78 0.00	42.83 -1.10 0.00	32.02 -0.84 0.00	28.35 -0.71 0.00	22.74 -0.57 0.00	19.94 -0.48 0.00	20.38 -0.44 0.00	19.70 -0.44 0.00	18.89 -0.40 0.00	18.06 -0.46 2.64	-2.33 -0.64 25.87	30.45 -0.81 0.00	31.16 -0.79 0.00	11.70 -0.86 19.26	32.18 -0.79 0.00	29.94 -0.65 0.00	28.65 -0.60 0.00	28.27 -0.50 0.00
ALLEGHENY___COGEN 23514	23.59 -0.11 0.00	22.29 -0.04 0.00	22.84 -0.06 0.00	27.42 0.16 0.00	34.09 0.38 0.00	35.05 0.76 0.00	38.88 1.00 0.00	45.40 1.47 0.00	33.92 1.06 0.00	29.28 0.21 0.00	23.11 -0.21 0.00	20.10 -0.32 0.00	20.41 -0.41 0.00	19.70 -0.44 0.00	18.84 -0.44 0.00	20.55 -0.61 0.00	24.40 -0.20 -0.41	31.76 0.49 0.00	33.05 1.09 0.00	32.87 1.04 0.00	34.11 1.14 0.00	31.67 0.85 -0.22	30.08 0.79 -0.04	29.55 0.75 -0.03
ALTAMONT_115KV_TB 2 55880	24.63 0.94 0.00	23.20 0.87 0.00	23.76 0.86 0.00	28.30 1.03 0.00	34.93 1.21 0.00	35.56 1.28 0.00	39.38 1.51 0.00	45.74 1.81 0.00	34.18 1.33 0.00	30.21 1.14 0.00	24.21 0.90 0.00	21.18 0.76 0.00	21.54 0.73 0.00	20.86 0.72 0.00	19.97 0.69 0.00	22.00 0.84 0.00	27.71 1.04 -2.49	32.60 1.33 0.00	33.28 1.32 0.00	33.18 1.35 0.00	34.32 1.35 0.00	31.85 1.25 0.00	30.46 1.21 0.00	29.95 1.18 0.00
ALTONA_WT_PWR 323606	23.16 -0.53 0.00	21.79 -0.54 0.00	22.21 -0.68 0.00	26.39 -0.88 0.00	32.84 -0.88 0.00	33.53 -0.76 0.00	36.70 -1.18 0.00	42.29 -1.64 0.00	31.71 -1.15 0.00	27.85 -1.22 0.00	22.18 -1.14 0.00	19.46 -0.96 0.00	19.76 -1.06 0.00	19.06 -1.08 0.00	18.24 -1.04 0.00	17.39 -1.04 2.74	-3.78 -1.26 26.71	29.65 -1.61 0.00	30.39 -1.57 0.00	10.31 -1.56 19.97	31.43 -1.54 0.00	29.40 -1.19 0.00	28.19 -1.07 0.00	27.91 -0.86 0.00
AMERICAN_REF_FUEL 24010	21.73 -1.96 0.00	20.47 -1.86 0.00	21.29 -1.60 0.00	25.43 -1.84 0.00	31.49 -2.23 0.00	32.62 -1.67 0.00	35.42 -2.46 0.00	40.15 -3.78 0.00	30.26 -2.59 0.00	26.95 -2.11 0.00	21.68 -1.64 0.00	19.00 -1.42 0.00	19.23 -1.58 0.00	18.61 -1.53 0.00	17.93 -1.36 0.00	19.43 -1.73 0.00	22.19 -2.31 -0.32	28.23 -3.03 0.00	29.08 -2.88 0.00	28.72 -3.11 0.00	30.04 -2.93 0.00	26.58 -2.83 1.18	26.13 -2.90 0.22	26.20 -2.39 0.18
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.38 -1.31 0.00	21.04 -1.29 0.00	22.03 -0.86 0.00	26.41 -0.85 0.00	32.70 -1.02 0.00	34.11 -0.17 0.00	37.34 -0.53 0.00	42.82 -1.11 0.00	32.24 -0.62 0.00	28.60 -0.46 0.00	22.91 -0.41 0.00	20.04 -0.38 0.00	20.36 -0.46 0.00	19.55 -0.59 0.00	18.79 -0.50 0.00	20.32 -0.84 0.00	23.47 -1.08 -0.36	30.03 -1.24 0.00	30.93 -1.03 0.00	30.89 -0.94 0.00	32.32 -0.65 0.00	28.40 -0.73 1.46	28.09 -0.88 0.27	27.87 -0.68 0.22
ARTHUR KILL_GT_1 23520	25.45 1.76 0.00	23.91 1.58 0.00	24.42 1.53 0.00	29.11 1.84 0.00	36.07 2.36 0.00	36.95 2.67 0.00	41.04 3.17 0.00	47.91 3.98 0.00	35.97 3.11 -0.01	32.41 2.77 -0.58	49.11 2.17 -23.62	47.87 1.85 -25.60	-1066.09 1.77 1088.67	107.18 1.67 -85.37	32.15 1.70 -11.16	31.49 2.02 -8.31	31.10 2.35 -4.56	35.05 3.07 -0.72	35.05 3.10 0.00	35.09 3.25 -0.01	96.57 3.18 -60.42	48.05 2.87 -14.59	40.35 2.77 -8.34	31.36 2.59 0.00
ARTHUR_KILL_2 23512	25.38 1.69 0.00	23.85 1.52 0.00	24.35 1.46 0.00	29.03 1.76 0.00	35.98 2.26 0.00	36.85 2.56 0.00	40.92 3.05 0.00	47.77 3.83 0.00	35.86 3.00 -0.01	32.32 2.67 -0.58	49.03 2.09 -23.62	47.81 1.79 -25.60	-1066.16 1.70 1088.67	107.11 1.60 -85.37	32.09 1.64 -11.16	31.42 1.95 -8.31	31.02 2.27 -4.56	34.95 2.96 -0.72	34.95 2.99 0.00	34.97 3.14 -0.01	96.45 3.07 -60.42	47.95 2.77 -14.59	40.26 2.67 -8.34	31.27 2.50 0.00
ARTHUR_KILL_3 23513	25.26 1.57 0.00	23.70 1.37 0.00	24.23 1.34 0.00	28.86 1.60 0.00	35.76 2.04 0.00	36.61 2.33 0.00	40.72 2.85 0.00	47.60 3.67 0.00	35.72 2.87 0.00	32.25 2.60 -0.58	49.06 2.13 -23.61	47.81 1.77 -25.61	111.00 1.79 -88.39	41.79 1.77 -19.88	32.02 1.69 -11.05	31.39 1.91 -8.33	31.03 2.28 -4.57	34.89 2.91 -0.72	34.79 2.83 0.00	34.76 2.93 0.00	96.23 2.85 -60.42	47.76 2.59 -14.58	40.07 2.49 -8.33	31.09 2.32 0.00

ARTHUR_KILL_COGEN 323718	25.45 1.76 0.00	23.91 1.58 0.00	24.42 1.53 0.00	29.11 1.84 0.00	36.07 2.36 0.00	36.95 2.67 0.00	41.04 3.17 0.00	47.91 3.98 0.00	35.97 3.11 -0.01	32.41 2.77 -0.58	49.11 2.17 -23.62	47.87 1.85 -25.60	-1066.09 1.77 1088.67	107.18 1.67 -85.37	32.15 1.70 -11.16	31.49 2.02 -8.31	31.10 2.35 -4.56	35.05 3.07 -0.72	35.05 3.10 0.00	35.09 3.25 -0.01	96.57 3.18 -60.42	48.05 2.87 -14.59	40.35 2.77 -8.34	31.36 2.59 0.00
ASHOKAN____ 23654	25.62 1.93 0.00	24.09 1.76 0.00	24.67 1.78 0.00	29.39 2.13 0.00	36.31 2.59 0.00	37.07 2.79 0.00	41.15 3.27 0.00	47.87 3.93 0.00	35.60 2.74 0.00	31.25 2.18 0.00	24.87 1.55 0.00	21.67 1.25 0.00	22.04 1.22 0.00	21.36 1.22 0.00	20.46 1.18 0.00	22.66 1.51 0.00	28.44 2.01 -2.25	34.25 2.99 0.00	35.09 3.13 0.00	34.95 3.12 0.00	36.06 3.09 0.00	33.39 2.80 0.00	31.83 2.58 0.00	31.24 2.47 0.00
ASTORIA_EAST_ENERGY_CC1 323581	25.38 1.69 0.00	23.89 1.56 0.00	24.32 1.43 0.00	29.01 1.74 0.00	35.94 2.22 0.00	36.80 2.52 0.00	40.90 3.02 0.00	47.81 3.88 0.00	35.92 3.06 -0.01	32.35 2.73 -0.55	47.80 2.02 -22.46	46.64 1.75 -24.47	77.05 1.74 -54.49	41.69 1.68 -19.87	31.78 1.59 -10.91	31.61 2.09 -8.37	31.27 2.30 -4.78	34.98 2.96 -0.75	35.00 3.05 0.00	34.98 3.15 0.00	36.04 3.07 0.00	33.39 2.80 0.00	31.93 2.68 0.00	31.24 2.48 0.00
ASTORIA_EAST_ENERGY_CC2 323582	25.38 1.69 0.00	23.89 1.56 0.00	24.32 1.43 0.00	29.01 1.74 0.00	35.94 2.22 0.00	36.80 2.52 0.00	40.90 3.02 0.00	47.81 3.88 0.00	35.92 3.06 -0.01	32.35 2.73 -0.55	47.80 2.02 -22.46	46.64 1.75 -24.47	77.05 1.74 -54.49	41.69 1.68 -19.87	31.78 1.59 -10.91	31.61 2.09 -8.37	31.27 2.30 -4.78	34.98 2.97 -0.75	35.00 3.05 0.00	34.98 3.15 0.00	36.04 3.07 0.00	33.39 2.80 0.00	31.93 2.68 0.00	31.24 2.48 0.00
ASTORIA_GT2_1 24094	25.40 1.71 0.00	23.89 1.56 0.00	24.33 1.44 0.00	29.02 1.76 0.00	35.96 2.25 0.00	36.82 2.53 0.00	40.92 3.04 0.00	47.83 3.90 0.00	35.94 3.08 0.00	32.36 2.74 -0.55	48.02 2.24 -22.46	46.77 1.88 -24.47	77.18 1.87 -54.50	41.80 1.79 -19.87	31.95 1.76 -10.91	31.63 2.10 -8.37	31.32 2.35 -4.79	35.05 3.04 -0.75	35.01 3.06 0.00	34.99 3.16 0.00	36.06 3.09 0.00	33.40 2.81 0.00	31.94 2.69 0.00	31.26 2.49 0.00
ASTORIA_GT2_2 24095	25.40 1.71 0.00	23.89 1.56 0.00	24.33 1.44 0.00	29.02 1.76 0.00	35.96 2.25 0.00	36.82 2.53 0.00	40.92 3.04 0.00	47.83 3.90 0.00	35.94 3.08 0.00	32.36 2.74 -0.55	48.02 2.24 -22.46	46.77 1.88 -24.47	77.18 1.87 -54.50	41.80 1.79 -19.87	31.95 1.76 -10.91	31.63 2.10 -8.37	31.32 2.35 -4.79	35.05 3.04 -0.75	35.01 3.06 0.00	34.99 3.16 0.00	36.06 3.09 0.00	33.40 2.81 0.00	31.94 2.69 0.00	31.26 2.49 0.00
ASTORIA_GT2_3 24096	25.40 1.71 0.00	23.89 1.56 0.00	24.33 1.44 0.00	29.02 1.76 0.00	35.96 2.25 0.00	36.82 2.53 0.00	40.92 3.04 0.00	47.83 3.90 0.00	35.94 3.08 0.00	32.36 2.74 -0.55	48.02 2.24 -22.46	46.77 1.88 -24.47	77.18 1.87 -54.50	41.80 1.79 -19.87	31.95 1.76 -10.91	31.63 2.10 -8.37	31.32 2.35 -4.79	35.05 3.04 -0.75	35.01 3.06 0.00	34.99 3.16 0.00	36.06 3.09 0.00	33.40 2.81 0.00	31.94 2.69 0.00	31.26 2.49 0.00
ASTORIA_GT2_4 24097	25.40 1.71 0.00	23.89 1.56 0.00	24.33 1.44 0.00	29.02 1.76 0.00	35.96 2.25 0.00	36.82 2.53 0.00	40.92 3.04 0.00	47.83 3.90 0.00	35.94 3.08 0.00	32.36 2.74 -0.55	48.02 2.24 -22.46	46.77 1.88 -24.47	77.18 1.87 -54.50	41.80 1.79 -19.87	31.95 1.76 -10.91	31.63 2.10 -8.37	31.32 2.35 -4.79	35.05 3.04 -0.75	35.01 3.06 0.00	34.99 3.16 0.00	36.06 3.09 0.00	33.40 2.81 0.00	31.94 2.69 0.00	31.26 2.49 0.00
ASTORIA_GT3_1 24098	25.40 1.71 0.00	23.89 1.56 0.00	24.33 1.44 0.00	29.02 1.76 0.00	35.96 2.25 0.00	36.82 2.53 0.00	40.92 3.04 0.00	47.83 3.90 0.00	35.94 3.08 0.00	32.36 2.74 -0.55	48.02 2.24 -22.46	46.77 1.88 -24.47	77.18 1.87 -54.50	41.80 1.79 -19.87	31.95 1.76 -10.91	31.63 2.10 -8.37	31.32 2.35 -4.79	35.05 3.04 -0.75	35.01 3.06 0.00	34.99 3.16 0.00	36.06 3.09 0.00	33.40 2.81 0.00	31.94 2.69 0.00	31.26 2.49 0.00
ASTORIA_GT3_2 24099	25.40 1.71 0.00	23.89 1.56 0.00	24.33 1.44 0.00	29.02 1.76 0.00	35.96 2.25 0.00	36.82 2.53 0.00	40.92 3.04 0.00	47.83 3.90 0.00	35.94 3.08 0.00	32.36 2.74 -0.55	48.02 2.24 -22.46	46.77 1.88 -24.47	77.18 1.87 -54.50	41.80 1.79 -19.87	31.95 1.76 -10.91	31.63 2.10 -8.37	31.32 2.35 -4.79	35.05 3.04 -0.75	35.01 3.06 0.00	34.99 3.16 0.00	36.06 3.09 0.00	33.40 2.81 0.00	31.94 2.69 0.00	31.26 2.49 0.00
ASTORIA_GT3_3 24100	25.40 1.71 0.00	23.89 1.56 0.00	24.33 1.44 0.00	29.02 1.76 0.00	35.96 2.25 0.00	36.82 2.53 0.00	40.92 3.04 0.00	47.83 3.90 0.00	35.94 3.08 0.00	32.36 2.74 -0.55	48.02 2.24 -22.46	46.77 1.88 -24.47	77.18 1.87 -54.50	41.80 1.79 -19.87	31.95 1.76 -10.91	31.63 2.10 -8.37	31.32 2.35 -4.79	35.05 3.04 -0.75	35.01 3.06 0.00	34.99 3.16 0.00	36.06 3.09 0.00	33.40 2.81 0.00	31.94 2.69 0.00	31.26 2.49 0.00
ASTORIA_GT3_4 24101	25.40 1.71 0.00	23.89 1.56 0.00	24.33 1.44 0.00	29.02 1.76 0.00	35.96 2.25 0.00	36.82 2.53 0.00	40.92 3.04 0.00	47.83 3.90 0.00	35.94 3.08 0.00	32.36 2.74 -0.55	48.02 2.24 -22.46	46.77 1.88 -24.47	77.18 1.87 -54.50	41.80 1.79 -19.87	31.95 1.76 -10.91	31.63 2.10 -8.37	31.32 2.35 -4.79	35.05 3.04 -0.75	35.01 3.06 0.00	34.99 3.16 0.00	36.06 3.09 0.00	33.40 2.81 0.00	31.94 2.69 0.00	31.26 2.49 0.00
ASTORIA_GT4_1 24102	25.40 1.71 0.00	23.89 1.56 0.00	24.33 1.44 0.00	29.02 1.76 0.00	35.96 2.25 0.00	36.82 2.53 0.00	40.92 3.04 0.00	47.83 3.90 0.00	35.94 3.08 0.00	32.36 2.74 -0.55	48.02 2.24 -22.46	46.77 1.88 -24.47	77.18 1.87 -54.50	41.80 1.79 -19.87	31.95 1.76 -10.91	31.63 2.10 -8.37	31.32 2.35 -4.79	35.05 3.04 -0.75	35.01 3.06 0.00	34.99 3.16 0.00	36.06 3.09 0.00	33.40 2.81 0.00	31.94 2.69 0.00	31.26 2.49 0.00
ASTORIA_GT4_2 24103	25.40 1.71 0.00	23.89 1.56 0.00	24.33 1.44 0.00	29.02 1.76 0.00	35.96 2.25 0.00	36.82 2.53 0.00	40.92 3.04 0.00	47.83 3.90 0.00	35.94 3.08 0.00	32.36 2.74 -0.55	48.02 2.24 -22.46	46.77 1.88 -24.47	77.18 1.87 -54.50	41.80 1.79 -19.87	31.95 1.76 -10.91	31.63 2.10 -8.37	31.32 2.35 -4.79	35.05 3.04 -0.75	35.01 3.06 0.00	34.99 3.16 0.00	36.06 3.09 0.00	33.40 2.81 0.00	31.94 2.69 0.00	31.26 2.49 0.00
ASTORIA_GT4_3 24104	25.40 1.71 0.00	23.89 1.56 0.00	24.33 1.44 0.00	29.02 1.76 0.00	35.96 2.25 0.00	36.82 2.53 0.00	40.92 3.04 0.00	47.83 3.90 0.00	35.94 3.08 0.00	32.36 2.74 -0.55	48.02 2.24 -22.46	46.77 1.88 -24.47	77.18 1.87 -54.50	41.80 1.79 -19.87	31.95 1.76 -10.91	31.63 2.10 -8.37	31.32 2.35 -4.79	35.05 3.04 -0.75	35.01 3.06 0.00	34.99 3.16 0.00	36.06 3.09 0.00	33.40 2.81 0.00	31.94 2.69 0.00	31.26 2.49 0.00

ASTORIA_GT4_4 24105	25.40 1.71 0.00	23.89 1.56 0.00	24.33 1.44 0.00	29.02 1.76 0.00	35.96 2.25 0.00	36.82 2.53 0.00	40.92 3.04 0.00	47.83 3.90 0.00	35.94 3.08 0.00	32.36 2.74 -0.55	48.02 2.24 -22.46	46.77 1.88 -24.47	77.18 1.87 -54.50	41.80 1.79 -19.87	31.95 1.76 -10.91	31.63 2.10 -8.37	31.32 2.35 -4.79	35.05 3.04 -0.75	35.01 3.06 0.00	34.99 3.16 0.00	36.06 3.09 0.00	33.40 2.81 0.00	31.94 2.69 0.00	31.26 2.49 0.00
ASTORIA_GT_1 23523	25.44 1.75 0.00	23.93 1.60 0.00	24.37 1.48 0.00	29.06 1.80 0.00	36.02 2.30 0.00	36.88 2.59 0.00	40.99 3.12 0.00	47.92 3.99 0.00	36.01 3.15 -0.01	32.43 2.82 -0.55	47.87 2.09 -22.46	46.70 1.80 -24.47	77.11 1.80 -54.49	41.74 1.73 -19.87	31.84 1.64 -10.91	31.67 2.14 -8.37	31.34 2.37 -4.78	35.07 3.05 -0.75	35.10 3.14 0.00	35.05 3.23 0.00	36.14 3.17 0.00	33.46 2.87 0.00	32.00 2.75 0.00	31.31 2.54 0.00
ASTORIA_GT_10 24110	25.42 1.73 0.00	23.89 1.56 0.00	24.39 1.50 0.00	29.07 1.80 0.00	36.02 2.30 0.00	36.89 2.61 0.00	41.01 3.13 0.00	47.95 4.02 0.00	36.01 3.15 0.00	32.53 2.85 -0.62	50.96 2.31 -25.33	49.67 1.95 -27.29	340.27 1.95 -317.51	107.39 1.88 -85.37	33.27 1.83 -12.15	31.72 2.07 -8.49	31.47 2.40 -4.89	35.16 3.09 -0.81	35.03 3.07 0.00	35.00 3.17 0.00	36.12 3.15 0.00	33.47 2.88 0.00	31.99 2.74 0.00	31.32 2.56 0.00
ASTORIA_GT_11 24225	25.42 1.73 0.00	23.89 1.56 0.00	24.39 1.50 0.00	29.07 1.80 0.00	36.02 2.30 0.00	36.89 2.61 0.00	41.01 3.13 0.00	47.95 4.02 0.00	36.01 3.15 0.00	32.53 2.85 -0.62	50.96 2.31 -25.33	49.67 1.95 -27.29	340.27 1.95 -317.51	107.39 1.88 -85.37	33.27 1.83 -12.15	31.72 2.07 -8.49	31.47 2.40 -4.89	35.16 3.09 -0.81	35.03 3.07 0.00	35.00 3.17 0.00	36.12 3.15 0.00	33.47 2.88 0.00	31.99 2.74 0.00	31.32 2.56 0.00
ASTORIA_GT_12 24226	25.42 1.73 0.00	23.89 1.56 0.00	24.39 1.50 0.00	29.07 1.80 0.00	36.02 2.30 0.00	36.89 2.61 0.00	41.01 3.13 0.00	47.95 4.02 0.00	36.01 3.15 0.00	32.53 2.85 -0.62	50.96 2.31 -25.33	49.67 1.95 -27.29	340.27 1.95 -317.51	107.39 1.88 -85.37	33.27 1.83 -12.15	31.72 2.07 -8.49	31.47 2.40 -4.89	35.16 3.09 -0.81	35.03 3.07 0.00	35.00 3.17 0.00	36.12 3.15 0.00	33.47 2.88 0.00	31.99 2.74 0.00	31.32 2.56 0.00
ASTORIA_GT_13 24227	25.42 1.73 0.00	23.89 1.56 0.00	24.39 1.50 0.00	29.07 1.80 0.00	36.02 2.30 0.00	36.89 2.61 0.00	41.01 3.13 0.00	47.95 4.02 0.00	36.01 3.15 0.00	32.53 2.85 -0.62	50.96 2.31 -25.33	49.67 1.95 -27.29	340.27 1.95 -317.51	107.39 1.88 -85.37	33.27 1.83 -12.15	31.72 2.07 -8.49	31.47 2.40 -4.89	35.16 3.09 -0.81	35.03 3.07 0.00	35.00 3.17 0.00	36.12 3.15 0.00	33.47 2.88 0.00	31.99 2.74 0.00	31.32 2.56 0.00
ASTORIA_GT_5 24106	25.44 1.75 0.00	23.94 1.61 0.00	24.37 1.48 0.00	29.06 1.80 0.00	36.02 2.30 0.00	36.88 2.59 0.00	40.99 3.12 0.00	47.92 3.99 0.00	36.01 3.15 0.00	32.43 2.82 -0.55	48.07 2.29 -22.46	46.82 1.93 -24.47	77.23 1.92 -54.50	41.85 1.84 -19.87	32.01 1.81 -10.91	31.67 2.15 -8.37	31.38 2.41 -4.79	35.13 3.11 -0.75	35.09 3.13 0.00	35.05 3.23 0.00	36.13 3.17 0.00	33.47 2.87 0.00	32.00 2.75 0.00	31.31 2.54 0.00
ASTORIA_GT_7 24107	25.44 1.75 0.00	23.94 1.61 0.00	24.37 1.48 0.00	29.06 1.80 0.00	36.02 2.30 0.00	36.88 2.59 0.00	40.99 3.12 0.00	47.92 3.99 0.00	36.01 3.15 0.00	32.43 2.82 -0.55	48.07 2.29 -22.46	46.82 1.93 -24.47	77.23 1.92 -54.50	41.85 1.84 -19.87	32.01 1.81 -10.91	31.67 2.15 -8.37	31.38 2.41 -4.79	35.13 3.11 -0.75	35.09 3.13 0.00	35.05 3.23 0.00	36.13 3.17 0.00	33.47 2.87 0.00	32.00 2.75 0.00	31.31 2.54 0.00
ASTORIA_GT_8 24108	25.44 1.75 0.00	23.94 1.61 0.00	24.37 1.48 0.00	29.06 1.80 0.00	36.02 2.30 0.00	36.88 2.59 0.00	40.99 3.12 0.00	47.92 3.99 0.00	36.01 3.15 0.00	32.43 2.82 -0.55	48.07 2.29 -22.46	46.82 1.93 -24.47	77.23 1.92 -54.50	41.85 1.84 -19.87	32.01 1.81 -10.91	31.67 2.15 -8.37	31.38 2.41 -4.79	35.13 3.11 -0.75	35.09 3.13 0.00	35.05 3.23 0.00	36.13 3.17 0.00	33.47 2.87 0.00	32.00 2.75 0.00	31.31 2.54 0.00
ASTORIA___2 24149	25.40 1.71 0.00	23.89 1.56 0.00	24.33 1.43 0.00	29.02 1.76 0.00	35.96 2.25 0.00	36.82 2.53 0.00	40.92 3.04 0.00	47.83 3.90 0.00	35.94 3.08 -0.01	32.36 2.75 -0.55	47.82 2.04 -22.46	46.65 1.76 -24.47	77.06 1.75 -54.49	41.70 1.69 -19.87	31.79 1.60 -10.91	31.62 2.10 -8.37	31.28 2.31 -4.78	34.99 2.98 -0.75	35.02 3.06 0.00	34.99 3.16 0.00	36.07 3.10 0.00	33.40 2.80 0.00	31.94 2.69 0.00	31.25 2.49 0.00
ASTORIA___3 23516	25.42 1.73 0.00	23.89 1.56 0.00	24.39 1.49 0.00	29.07 1.80 0.00	36.02 2.30 0.00	36.89 2.61 0.00	41.01 3.13 0.00	47.95 4.02 0.00	36.01 3.15 -0.01	32.53 2.85 -0.62	50.89 2.25 -25.33	49.63 1.91 -27.29	340.23 1.91 -317.51	107.35 1.84 -85.37	33.21 1.77 -12.15	31.72 2.07 -8.49	31.46 2.39 -4.89	35.14 3.07 -0.81	35.03 3.07 0.00	35.00 3.18 0.00	36.12 3.15 0.00	33.47 2.87 0.00	31.99 2.74 0.00	31.32 2.56 0.00
ASTORIA___4 23517	25.42 1.73 0.00	23.89 1.56 0.00	24.39 1.50 0.00	29.07 1.80 0.00	36.02 2.30 0.00	36.89 2.60 0.00	41.01 3.13 0.00	47.95 4.02 0.00	36.01 3.15 0.00	32.53 2.85 -0.62	50.96 2.31 -25.33	49.67 1.95 -27.29	340.27 1.95 -317.51	107.39 1.88 -85.37	33.27 1.83 -12.15	31.72 2.07 -8.49	31.47 2.40 -4.89	35.16 3.08 -0.81	35.03 3.07 0.00	35.00 3.17 0.00	36.12 3.15 0.00	33.47 2.88 0.00	31.99 2.74 0.00	31.32 2.56 0.00
ASTORIA___5 23518	25.42 1.73 0.00	23.89 1.56 0.00	24.39 1.49 0.00	29.07 1.80 0.00	36.02 2.30 0.00	36.89 2.61 0.00	41.01 3.13 0.00	47.96 4.03 0.00	36.01 3.15 -0.01	32.53 2.85 -0.62	50.89 2.25 -25.33	49.63 1.91 -27.29	340.23 1.91 -317.51	107.35 1.84 -85.37	33.21 1.77 -12.15	31.72 2.07 -8.49	31.46 2.39 -4.89	35.14 3.07 -0.81	35.03 3.07 0.00	35.00 3.18 0.00	36.12 3.15 0.00	33.47 2.87 0.00	31.99 2.74 0.00	31.32 2.56 0.00
AST_ENERGY_2_CC3 323677	25.37 1.68 0.00	23.82 1.49 0.00	24.35 1.46 0.00	28.98 1.72 0.00	35.91 2.19 0.00	36.76 2.47 0.00	40.87 3.00 0.00	47.79 3.86 0.00	35.87 3.01 0.00	32.36 2.75 -0.55	48.04 2.27 -22.45	46.78 1.89 -24.46	77.24 1.91 -54.52	41.89 1.88 -19.87	31.98 1.79 -10.90	31.50 2.01 -8.33	31.15 2.40 -4.57	35.02 3.04 -0.72	34.94 2.98 0.00	34.91 3.08 0.00	35.96 3.00 0.00	33.32 2.73 0.00	31.86 2.61 0.00	31.20 2.44 0.00
AST_ENERGY_2_CC4 323678	25.37 1.68 0.00	23.82 1.49 0.00	24.35 1.46 0.00	28.98 1.72 0.00	35.91 2.19 0.00	36.76 2.47 0.00	40.87 3.00 0.00	47.79 3.86 0.00	35.87 3.01 0.00	32.36 2.75 -0.55	48.04 2.27 -22.45	46.78 1.89 -24.46	77.24 1.91 -54.52	41.89 1.88 -19.87	31.98 1.79 -10.90	31.50 2.01 -8.33	31.15 2.40 -4.57	35.02 3.04 -0.72	34.94 2.98 0.00	34.91 3.08 0.00	35.96 3.00 0.00	33.32 2.73 0.00	31.86 2.61 0.00	31.20 2.44 0.00

ATHENS_STG_1 23668	24.78 1.09 0.00	23.31 0.98 0.00	23.87 0.98 0.00	28.44 1.18 0.00	35.16 1.44 0.00	35.86 1.57 0.00	39.77 1.89 0.00	46.29 2.36 0.00	34.64 1.78 0.00	30.65 1.58 0.00	24.59 1.28 0.00	21.49 1.07 0.00	21.89 1.07 0.00	21.18 1.04 0.00	20.28 1.00 0.00	22.33 1.17 0.00	27.81 1.39 -2.24	33.03 1.77 0.00	33.70 1.74 0.00	33.64 1.81 0.00	34.77 1.80 0.00	32.25 1.66 0.00	30.86 1.61 0.00	30.30 1.53 0.00
ATHENS_STG_2 23670	24.78 1.09 0.00	23.31 0.98 0.00	23.87 0.98 0.00	28.44 1.18 0.00	35.16 1.44 0.00	35.86 1.57 0.00	39.77 1.89 0.00	46.29 2.36 0.00	34.64 1.78 0.00	30.65 1.58 0.00	24.59 1.28 0.00	21.49 1.07 0.00	21.89 1.07 0.00	21.18 1.04 0.00	20.28 1.00 0.00	22.33 1.17 0.00	27.81 1.39 -2.24	33.03 1.77 0.00	33.70 1.74 0.00	33.64 1.81 0.00	34.77 1.80 0.00	32.25 1.66 0.00	30.86 1.61 0.00	30.30 1.53 0.00
ATHENS_STG_3 23677	24.78 1.09 0.00	23.31 0.98 0.00	23.87 0.98 0.00	28.44 1.18 0.00	35.16 1.44 0.00	35.86 1.57 0.00	39.77 1.89 0.00	46.29 2.36 0.00	34.64 1.78 0.00	30.65 1.58 0.00	24.59 1.28 0.00	21.49 1.07 0.00	21.89 1.07 0.00	21.18 1.04 0.00	20.28 1.00 0.00	22.33 1.17 0.00	27.81 1.39 -2.24	33.03 1.77 0.00	33.70 1.74 0.00	33.64 1.81 0.00	34.77 1.80 0.00	32.25 1.66 0.00	30.86 1.61 0.00	30.30 1.53 0.00
AUBURN___LFGE 323710	23.44 -0.25 0.00	22.17 -0.16 0.00	22.78 -0.11 0.00	27.13 -0.14 0.00	33.58 -0.14 0.00	34.26 -0.02 0.00	38.09 0.22 0.00	44.17 0.24 0.00	33.03 0.17 0.00	29.23 0.17 0.00	23.43 0.11 0.00	20.47 0.05 0.00	20.84 0.02 0.00	20.16 0.02 0.00	19.24 -0.04 0.00	21.06 -0.10 0.00	24.42 -0.07 -0.30	31.28 0.02 0.00	32.05 0.09 0.00	31.94 0.11 0.00	33.13 0.16 0.00	30.59 0.00 0.00	29.19 -0.06 0.00	28.77 0.00 0.00
BABYLON_RES_REC 323704	30.86 2.28 -4.89	28.49 2.06 -4.10	44.47 2.09 -19.48	44.33 2.51 -14.55	36.82 3.10 0.00	37.56 3.28 0.00	41.69 3.82 0.00	48.57 4.63 0.00	36.51 3.65 0.00	35.53 3.39 -3.07	66.84 2.83 -40.68	57.73 2.40 -34.90	74.23 2.36 -51.06	42.99 2.27 -20.58	64.47 2.25 -42.94	35.41 2.47 -11.79	32.39 2.94 -5.27	34.96 3.67 -0.02	35.61 3.65 0.00	35.49 3.66 0.00	36.54 3.57 0.00	33.98 3.38 0.00	35.04 3.19 -2.60	34.60 3.13 -2.71
BABYLON___69_KV_BK2 356345	31.11 2.53 -4.89	28.72 2.30 -4.10	44.72 2.34 -19.48	44.63 2.81 -14.55	37.21 3.50 0.00	37.96 3.67 0.00	42.15 4.27 0.00	49.10 5.17 0.00	36.91 4.06 0.00	35.89 3.75 -3.07	67.11 3.11 -40.69	57.98 2.65 -34.90	74.47 2.59 -51.06	43.23 2.50 -20.59	64.69 2.46 -42.94	35.65 2.70 -11.79	32.65 3.23 -5.23	35.35 4.07 -0.02	36.02 4.06 0.00	35.90 4.07 0.00	36.96 3.99 0.00	34.36 3.77 0.00	35.39 3.54 -2.60	34.94 3.47 -2.71
BALL_HILL_WT_PWR 323825	22.31 -1.38 0.00	21.01 -1.32 0.00	21.89 -1.01 0.00	26.22 -1.05 0.00	32.43 -1.28 0.00	33.61 -0.67 0.00	36.68 -1.20 0.00	42.06 -1.87 0.00	31.63 -1.23 0.00	28.09 -0.98 0.00	22.52 -0.79 0.00	19.71 -0.71 0.00	20.05 -0.76 0.00	19.33 -0.81 0.00	18.60 -0.69 0.00	20.19 -0.97 0.00	23.22 -1.31 -0.35	29.59 -1.67 0.00	30.45 -1.51 0.00	30.25 -1.58 0.00	31.62 -1.35 0.00	27.79 -1.38 1.42	27.53 -1.46 0.26	27.38 -1.17 0.21
BARON_WINDS___WT_PWR 323822	22.54 -1.15 0.00	21.40 -0.93 0.00	21.80 -1.10 0.00	26.32 -0.94 0.00	32.69 -1.02 0.00	33.29 -1.00 0.00	36.93 -0.94 0.00	43.52 -0.41 0.00	32.59 -0.26 0.00	28.75 -0.32 0.00	22.95 -0.37 0.00	19.90 -0.52 0.00	20.30 -0.52 0.00	19.52 -0.62 0.00	18.58 -0.70 0.00	20.29 -0.87 0.00	23.80 -0.92 -0.54	30.37 -0.90 0.00	31.61 -0.34 0.00	31.58 -0.24 0.00	32.78 -0.18 0.00	31.46 -0.21 -1.08	29.46 0.01 -0.20	28.75 -0.18 -0.16
BARRETT_IC_1 23704	30.50 1.92 -4.89	28.16 1.73 -4.10	44.12 1.74 -19.48	43.91 2.09 -14.55	36.29 2.57 0.00	37.03 2.75 0.00	40.98 3.11 0.00	47.61 3.68 0.00	35.83 2.97 0.00	34.90 2.76 -3.07	66.19 2.35 -40.53	57.32 2.00 -34.90	72.80 1.87 -50.11	41.51 1.84 -19.53	64.06 1.85 -42.93	35.12 2.18 -11.79	36.71 2.58 -9.95	34.38 3.10 -0.02	34.95 2.99 0.00	34.85 3.02 0.00	35.80 2.83 0.00	33.25 2.66 0.00	34.44 2.58 -2.60	34.13 2.66 -2.71
BARRETT_IC_10 23701	30.50 1.92 -4.89	28.16 1.73 -4.10	44.12 1.74 -19.48	43.91 2.09 -14.55	36.29 2.57 0.00	37.03 2.75 0.00	40.98 3.11 0.00	47.61 3.68 0.00	35.83 2.97 0.00	34.90 2.76 -3.07	66.19 2.35 -40.53	57.32 2.00 -34.90	72.80 1.87 -50.11	41.51 1.84 -19.53	64.06 1.85 -42.93	35.12 2.18 -11.79	36.71 2.58 -9.95	34.38 3.10 -0.02	34.95 2.99 0.00	34.85 3.02 0.00	35.80 2.83 0.00	33.25 2.66 0.00	34.44 2.58 -2.60	34.13 2.66 -2.71
BARRETT_IC_11 23702	30.50 1.92 -4.89	28.16 1.73 -4.10	44.12 1.74 -19.48	43.91 2.09 -14.55	36.29 2.57 0.00	37.03 2.75 0.00	40.98 3.11 0.00	47.61 3.68 0.00	35.83 2.97 0.00	34.90 2.76 -3.07	66.19 2.35 -40.53	57.32 2.00 -34.90	72.80 1.87 -50.11	41.51 1.84 -19.53	64.06 1.85 -42.93	35.12 2.18 -11.79	36.71 2.58 -9.95	34.38 3.10 -0.02	34.95 2.99 0.00	34.85 3.02 0.00	35.80 2.83 0.00	33.25 2.66 0.00	34.44 2.58 -2.60	34.13 2.66 -2.71
BARRETT_IC_12 23703	30.50 1.92 -4.89	28.16 1.73 -4.10	44.12 1.74 -19.48	43.91 2.09 -14.55	36.29 2.57 0.00	37.03 2.75 0.00	40.98 3.11 0.00	47.61 3.68 0.00	35.83 2.97 0.00	34.90 2.76 -3.07	66.19 2.35 -40.53	57.32 2.00 -34.90	72.80 1.87 -50.11	41.51 1.84 -19.53	64.06 1.85 -42.93	35.12 2.18 -11.79	36.71 2.58 -9.95	34.38 3.10 -0.02	34.95 2.99 0.00	34.85 3.02 0.00	35.80 2.83 0.00	33.25 2.66 0.00	34.44 2.58 -2.60	34.13 2.66 -2.71
BARRETT_IC_2 23705	30.50 1.92 -4.89	28.16 1.73 -4.10	44.12 1.74 -19.48	43.91 2.09 -14.55	36.29 2.57 0.00	37.03 2.75 0.00	40.98 3.11 0.00	47.61 3.68 0.00	35.83 2.97 0.00	34.90 2.76 -3.07	66.19 2.35 -40.53	57.32 2.00 -34.90	72.80 1.87 -50.11	41.51 1.84 -19.53	64.06 1.85 -42.93	35.12 2.18 -11.79	36.71 2.58 -9.95	34.38 3.10 -0.02	34.95 2.99 0.00	34.85 3.02 0.00	35.80 2.83 0.00	33.25 2.66 0.00	34.44 2.58 -2.60	34.13 2.66 -2.71
BARRETT_IC_3 23706	30.50 1.92 -4.89	28.16 1.73 -4.10	44.12 1.74 -19.48	43.91 2.09 -14.55	36.29 2.57 0.00	37.03 2.75 0.00	40.98 3.11 0.00	47.61 3.68 0.00	35.83 2.97 0.00	34.90 2.76 -3.07	66.19 2.35 -40.53	57.32 2.00 -34.90	72.80 1.87 -50.11	41.51 1.84 -19.53	64.06 1.85 -42.93	35.12 2.18 -11.79	36.71 2.58 -9.95	34.38 3.10 -0.02	34.95 2.99 0.00	34.85 3.02 0.00	35.80 2.83 0.00	33.25 2.66 0.00	34.44 2.58 -2.60	34.13 2.66 -2.71
BARRETT_IC_4 23707	30.50 1.92 -4.89	28.16 1.73 -4.10	44.12 1.74 -19.48	43.91 2.09 -14.55	36.29 2.57 0.00	37.03 2.75 0.00	40.98 3.11 0.00	47.61 3.68 0.00	35.83 2.97 0.00	34.90 2.76 -3.07	66.19 2.35 -40.53	57.32 2.00 -34.90	72.80 1.87 -50.11	41.51 1.84 -19.53	64.06 1.85 -42.93	35.12 2.18 -11.79	36.71 2.58 -9.95	34.38 3.10 -0.02	34.95 2.99 0.00	34.85 3.02 0.00	35.80 2.83 0.00	33.25 2.66 0.00	34.44 2.58 -2.60	34.13 2.66 -2.71

BARRETT_IC_5 23708	30.50 1.92 -4.89	28.16 1.73 -4.10	44.12 1.74 -19.48	43.91 2.09 -14.55	36.29 2.57 0.00	37.03 2.75 0.00	40.98 3.11 0.00	47.61 3.68 0.00	35.83 2.97 0.00	34.90 2.76 -3.07	66.19 2.35 -40.53	57.32 2.00 -34.90	72.80 1.87 -50.11	41.51 1.84 -19.53	64.06 1.85 -42.93	35.12 2.18 -11.79	36.71 2.58 -9.95	34.38 3.10 -0.02	34.95 2.99 0.00	34.85 3.02 0.00	35.80 2.83 0.00	33.25 2.66 0.00	34.44 2.58 -2.60	34.13 2.66 -2.71
BARRETT_IC_6 23709	30.50 1.92 -4.89	28.16 1.73 -4.10	44.12 1.74 -19.48	43.91 2.09 -14.55	36.29 2.57 0.00	37.03 2.75 0.00	40.98 3.11 0.00	47.61 3.68 0.00	35.83 2.97 0.00	34.90 2.76 -3.07	66.19 2.35 -40.53	57.32 2.00 -34.90	72.80 1.87 -50.11	41.51 1.84 -19.53	64.06 1.85 -42.93	35.12 2.18 -11.79	36.71 2.58 -9.95	34.38 3.10 -0.02	34.95 2.99 0.00	34.85 3.02 0.00	35.80 2.83 0.00	33.25 2.66 0.00	34.44 2.58 -2.60	34.13 2.66 -2.71
BARRETT_IC_7 23710	30.50 1.92 -4.89	28.16 1.73 -4.10	44.12 1.74 -19.48	43.91 2.09 -14.55	36.29 2.57 0.00	37.03 2.75 0.00	40.98 3.11 0.00	47.61 3.68 0.00	35.83 2.97 0.00	34.90 2.77 -3.07	66.18 2.34 -40.53	57.32 2.00 -34.90	72.80 1.87 -50.11	41.51 1.84 -19.53	64.06 1.84 -42.93	35.12 2.18 -11.79	36.71 2.58 -9.95	34.38 3.10 -0.02	34.95 2.99 0.00	34.85 3.02 0.00	35.80 2.83 0.00	33.25 2.66 0.00	34.44 2.58 -2.60	34.13 2.66 -2.71
BARRETT_IC_8 23711	30.50 1.92 -4.89	28.16 1.73 -4.10	44.12 1.74 -19.48	43.91 2.09 -14.55	36.29 2.57 0.00	37.03 2.75 0.00	40.98 3.11 0.00	47.61 3.68 0.00	35.83 2.97 0.00	34.90 2.76 -3.07	66.19 2.35 -40.53	57.32 2.00 -34.90	72.80 1.87 -50.11	41.51 1.84 -19.53	64.06 1.85 -42.93	35.12 2.18 -11.79	36.71 2.58 -9.95	34.38 3.10 -0.02	34.95 2.99 0.00	34.85 3.02 0.00	35.80 2.83 0.00	33.25 2.66 0.00	34.44 2.58 -2.60	34.13 2.66 -2.71
BARRETT_IC_9 23700	30.50 1.92 -4.89	28.16 1.73 -4.10	44.12 1.74 -19.48	43.91 2.09 -14.55	36.29 2.57 0.00	37.03 2.75 0.00	40.98 3.11 0.00	47.61 3.68 0.00	35.83 2.97 0.00	34.90 2.76 -3.07	66.19 2.35 -40.53	57.32 2.00 -34.90	72.80 1.87 -50.11	41.51 1.84 -19.53	64.06 1.85 -42.93	35.12 2.18 -11.79	36.71 2.58 -9.95	34.38 3.10 -0.02	34.95 2.99 0.00	34.85 3.02 0.00	35.80 2.83 0.00	33.25 2.66 0.00	34.44 2.58 -2.60	34.13 2.66 -2.71
BARRETT___1 23545	30.50 1.92 -4.89	28.16 1.73 -4.10	44.12 1.74 -19.48	43.91 2.09 -14.55	36.29 2.57 0.00	37.03 2.75 0.00	40.98 3.11 0.00	47.61 3.68 0.00	35.83 2.97 0.00	34.90 2.76 -3.07	66.19 2.35 -40.53	57.32 2.00 -34.90	72.80 1.87 -50.11	41.51 1.84 -19.53	64.06 1.85 -42.93	35.12 2.18 -11.79	36.71 2.58 -9.95	34.38 3.10 -0.02	34.95 2.99 0.00	34.85 3.02 0.00	35.80 2.83 0.00	33.25 2.66 0.00	34.44 2.58 -2.60	34.13 2.66 -2.71
BARRETT___2 23546	30.50 1.92 -4.89	28.16 1.73 -4.10	44.12 1.74 -19.48	43.91 2.09 -14.55	36.29 2.57 0.00	37.03 2.75 0.00	40.98 3.11 0.00	47.61 3.68 0.00	35.83 2.97 0.00	34.90 2.76 -3.07	66.19 2.35 -40.53	57.32 2.00 -34.90	72.80 1.87 -50.11	41.51 1.84 -19.53	64.06 1.85 -42.93	35.12 2.18 -11.79	36.71 2.58 -9.95	34.38 3.10 -0.02	34.95 2.99 0.00	34.85 3.02 0.00	35.80 2.83 0.00	33.25 2.66 0.00	34.44 2.58 -2.60	34.13 2.66 -2.71
BATAVIA__115KV_TB1 55881	22.79 -0.90 0.00	21.48 -0.85 0.00	22.30 -0.59 0.00	26.62 -0.64 0.00	33.00 -0.72 0.00	34.19 -0.10 0.00	37.38 -0.50 0.00	42.73 -1.20 0.00	32.12 -0.74 0.00	28.45 -0.61 0.00	22.75 -0.56 0.00	19.84 -0.58 0.00	20.12 -0.69 0.00	19.46 -0.68 0.00	18.73 -0.56 0.00	20.34 -0.82 0.00	23.41 -1.08 -0.30	30.06 -1.21 0.00	30.99 -0.96 0.00	30.63 -1.20 0.00	31.94 -1.03 0.00	29.44 -1.15 0.00	27.89 -1.36 0.00	27.76 -1.00 0.00
BAYONEEC___CTG1 323682	25.35 1.66 0.00	23.80 1.47 0.00	24.32 1.43 0.00	28.97 1.71 0.00	35.90 2.18 0.00	36.75 2.47 0.00	40.86 2.98 0.00	47.76 3.83 0.00	35.85 3.00 0.00	32.34 2.73 -0.55	48.02 2.25 -22.46	46.77 1.87 -24.47	77.23 1.89 -54.53	41.88 1.86 -19.88	31.98 1.79 -10.91	31.50 2.01 -8.33	31.14 2.39 -4.57	35.02 3.04 -0.72	34.94 2.98 0.00	34.91 3.08 0.00	35.97 3.01 0.00	33.33 2.73 0.00	31.86 2.62 0.00	31.21 2.45 0.00
BAYONEEC___CTG10 323750	25.35 1.66 0.00	23.80 1.47 0.00	24.32 1.43 0.00	28.97 1.71 0.00	35.90 2.18 0.00	36.75 2.47 0.00	40.86 2.98 0.00	47.76 3.83 0.00	35.85 3.00 0.00	32.34 2.73 -0.55	48.02 2.25 -22.46	46.77 1.87 -24.47	77.23 1.89 -54.53	41.88 1.86 -19.88	31.98 1.79 -10.91	31.50 2.01 -8.33	31.14 2.39 -4.57	35.02 3.04 -0.72	34.94 2.98 0.00	34.91 3.08 0.00	35.97 3.01 0.00	33.33 2.73 0.00	31.86 2.62 0.00	31.21 2.45 0.00
BAYONEEC___CTG2 323683	25.35 1.66 0.00	23.80 1.47 0.00	24.32 1.43 0.00	28.97 1.71 0.00	35.90 2.18 0.00	36.75 2.47 0.00	40.86 2.98 0.00	47.76 3.83 0.00	35.85 3.00 0.00	32.34 2.73 -0.55	48.02 2.25 -22.46	46.77 1.87 -24.47	77.23 1.89 -54.53	41.88 1.86 -19.88	31.98 1.79 -10.91	31.50 2.01 -8.33	31.14 2.39 -4.57	35.02 3.04 -0.72	34.94 2.98 0.00	34.91 3.08 0.00	35.97 3.01 0.00	33.33 2.73 0.00	31.86 2.62 0.00	31.21 2.45 0.00
BAYONEEC___CTG3 323684	25.35 1.66 0.00	23.80 1.47 0.00	24.32 1.43 0.00	28.97 1.71 0.00	35.90 2.18 0.00	36.75 2.47 0.00	40.86 2.98 0.00	47.76 3.83 0.00	35.85 3.00 0.00	32.34 2.73 -0.55	48.02 2.25 -22.46	46.77 1.87 -24.47	77.23 1.89 -54.53	41.88 1.86 -19.88	31.98 1.79 -10.91	31.50 2.01 -8.33	31.14 2.39 -4.57	35.02 3.04 -0.72	34.94 2.98 0.00	34.91 3.08 0.00	35.97 3.01 0.00	33.33 2.73 0.00	31.86 2.62 0.00	31.21 2.45 0.00
BAYONEEC___CTG4 323685	25.35 1.66 0.00	23.80 1.47 0.00	24.32 1.43 0.00	28.97 1.71 0.00	35.90 2.18 0.00	36.75 2.47 0.00	40.86 2.98 0.00	47.76 3.83 0.00	35.85 3.00 0.00	32.34 2.73 -0.55	48.02 2.25 -22.46	46.77 1.87 -24.47	77.23 1.89 -54.53	41.88 1.86 -19.88	31.98 1.79 -10.91	31.50 2.01 -8.33	31.14 2.39 -4.57	35.02 3.04 -0.72	34.94 2.98 0.00	34.91 3.08 0.00	35.97 3.01 0.00	33.33 2.73 0.00	31.86 2.62 0.00	31.21 2.45 0.00
BAYONEEC___CTG5 323686	25.35 1.66 0.00	23.80 1.47 0.00	24.32 1.43 0.00	28.97 1.71 0.00	35.90 2.18 0.00	36.75 2.47 0.00	40.86 2.98 0.00	47.76 3.83 0.00	35.85 3.00 0.00	32.34 2.73 -0.55	48.02 2.25 -22.46	46.77 1.87 -24.47	77.23 1.89 -54.53	41.88 1.86 -19.88	31.98 1.79 -10.91	31.50 2.01 -8.33	31.14 2.39 -4.57	35.02 3.04 -0.72	34.94 2.98 0.00	34.91 3.08 0.00	35.97 3.01 0.00	33.33 2.73 0.00	31.86 2.62 0.00	31.21 2.45 0.00
BAYONEEC___CTG6 323687	25.35 1.66 0.00	23.80 1.47 0.00	24.32 1.43 0.00	28.97 1.71 0.00	35.90 2.18 0.00	36.75 2.47 0.00	40.86 2.98 0.00	47.76 3.83 0.00	35.85 3.00 0.00	32.34 2.73 -0.55	48.02 2.25 -22.46	46.77 1.87 -24.47	77.23 1.89 -54.53	41.88 1.86 -19.88	31.98 1.79 -10.91	31.50 2.01 -8.33	31.14 2.39 -4.57	35.02 3.04 -0.72	34.94 2.98 0.00	34.91 3.08 0.00	35.97 3.01 0.00	33.33 2.73 0.00	31.86 2.62 0.00	31.21 2.45 0.00

BAYONEEC___CTG7 323688	25.35 1.66 0.00	23.80 1.47 0.00	24.32 1.43 0.00	28.97 1.71 0.00	35.90 2.18 0.00	36.75 2.47 0.00	40.86 2.98 0.00	47.76 3.83 0.00	35.85 3.00 0.00	32.34 2.73 -0.55	48.02 2.25 -22.46	46.77 1.87 -24.47	77.23 1.89 -54.53	41.88 1.86 -19.88	31.98 1.79 -10.91	31.50 2.01 -8.33	31.14 2.39 -4.57	35.02 3.04 -0.72	34.94 2.98 0.00	34.91 3.08 0.00	35.97 3.01 0.00	33.33 2.73 0.00	31.86 2.62 0.00	31.21 2.45 0.00
BAYONEEC___CTG8 323689	25.35 1.66 0.00	23.80 1.47 0.00	24.32 1.43 0.00	28.97 1.71 0.00	35.90 2.18 0.00	36.75 2.47 0.00	40.86 2.98 0.00	47.76 3.83 0.00	35.85 3.00 0.00	32.34 2.73 -0.55	48.02 2.25 -22.46	46.77 1.87 -24.47	77.23 1.89 -54.53	41.88 1.86 -19.88	31.98 1.79 -10.91	31.50 2.01 -8.33	31.14 2.39 -4.57	35.02 3.04 -0.72	34.94 2.98 0.00	34.91 3.08 0.00	35.97 3.01 0.00	33.33 2.73 0.00	31.86 2.62 0.00	31.21 2.45 0.00
BAYONEEC___CTG9 323749	25.35 1.66 0.00	23.80 1.47 0.00	24.32 1.43 0.00	28.97 1.71 0.00	35.90 2.18 0.00	36.75 2.47 0.00	40.86 2.98 0.00	47.76 3.83 0.00	35.85 3.00 0.00	32.34 2.73 -0.55	48.02 2.25 -22.46	46.77 1.87 -24.47	77.23 1.89 -54.53	41.88 1.86 -19.88	31.98 1.79 -10.91	31.50 2.01 -8.33	31.14 2.39 -4.57	35.02 3.04 -0.72	34.94 2.98 0.00	34.91 3.08 0.00	35.97 3.01 0.00	33.33 2.73 0.00	31.86 2.62 0.00	31.21 2.45 0.00
BEACON___LESR 323632	25.09 1.40 0.00	23.52 1.19 0.00	24.10 1.21 0.00	28.71 1.45 0.00	35.32 1.60 0.00	36.04 1.75 0.00	39.89 2.02 0.00	46.17 2.24 0.00	34.47 1.62 0.00	30.47 1.41 0.00	24.39 1.07 0.00	21.38 0.96 0.00	21.75 0.94 0.00	21.00 0.86 0.00	20.16 0.88 0.00	22.27 1.12 0.00	28.08 1.40 -2.49	33.03 1.77 0.00	33.72 1.76 0.00	33.58 1.75 0.00	34.73 1.77 0.00	32.19 1.59 0.00	30.79 1.54 0.00	30.32 1.55 0.00
BEAVER RIVER___HYD 24048	22.99 -0.70 0.00	21.59 -0.74 0.00	22.36 -0.53 0.00	26.83 -0.44 0.00	33.35 -0.37 0.00	34.15 -0.14 0.00	37.75 -0.12 0.00	43.66 -0.28 0.00	32.42 -0.43 0.00	28.49 -0.58 0.00	22.68 -0.64 0.00	19.63 -0.79 0.00	19.76 -1.05 0.00	18.96 -1.18 0.00	18.05 -1.24 0.00	19.08 -1.32 0.76	13.65 -1.17 9.36	30.66 -0.60 0.00	31.49 -0.47 0.00	25.61 -0.69 5.53	32.21 -0.76 0.00	29.82 -0.77 0.00	28.49 -0.76 0.00	28.26 -0.50 0.00
BEEBEE_GT_13 23619	22.76 -0.93 0.00	21.43 -0.90 0.00	22.15 -0.74 0.00	26.42 -0.85 0.00	32.71 -1.01 0.00	33.70 -0.58 0.00	37.02 -0.86 0.00	42.61 -1.32 0.00	31.96 -0.90 0.00	28.32 -0.75 0.00	22.68 -0.64 0.00	19.85 -0.57 0.00	20.19 -0.63 0.00	19.53 -0.61 0.00	18.76 -0.53 0.00	20.44 -0.72 0.00	23.55 -0.92 -0.28	30.14 -1.13 0.00	30.99 -0.97 0.00	30.69 -1.14 0.00	31.92 -1.05 0.00	29.47 -1.12 0.00	28.00 -1.25 0.00	27.72 -1.05 0.00
BENSHRST_27_KV_BENSHRST_1 355998	25.68 1.99 0.00	24.12 1.79 0.00	24.62 1.73 0.00	29.34 2.07 0.00	36.37 2.65 0.00	37.27 2.98 0.00	41.45 3.58 0.00	48.44 4.51 0.00	36.38 3.53 0.00	32.85 3.17 -0.62	51.22 2.57 -25.33	49.91 2.19 -27.29	340.46 2.14 -317.51	107.50 1.99 -85.37	33.48 2.04 -12.15	31.99 2.34 -8.49	31.78 2.70 -4.89	35.58 3.50 -0.81	35.46 3.50 0.00	35.46 3.62 -0.01	96.98 3.59 -60.42	48.44 3.26 -14.58	40.69 3.11 -8.33	31.67 2.91 0.00
BETHLEHEM___GRP 23843	24.68 0.99 0.00	23.22 0.89 0.00	23.76 0.86 0.00	28.27 1.01 0.00	34.78 1.06 0.00	35.39 1.10 0.00	39.09 1.22 0.00	45.15 1.22 0.00	33.76 0.90 0.00	29.94 0.88 0.00	24.00 0.69 0.00	21.06 0.63 0.00	21.40 0.58 0.00	20.72 0.58 0.00	19.84 0.56 0.00	21.84 0.68 0.00	27.50 0.82 -2.50	32.25 0.99 0.00	32.91 0.96 0.00	32.78 0.95 0.00	33.89 0.92 0.00	31.47 0.88 0.00	30.11 0.86 0.00	29.73 0.96 0.00
BETHLEHEM___GS1 323560	24.68 0.99 0.00	23.22 0.89 0.00	23.76 0.86 0.00	28.27 1.01 0.00	34.78 1.06 0.00	35.39 1.11 0.00	39.09 1.22 0.00	45.15 1.22 0.00	33.75 0.89 0.00	29.94 0.88 0.00	24.01 0.69 0.00	21.05 0.63 0.00	21.40 0.58 0.00	20.72 0.58 0.00	19.84 0.56 0.00	21.84 0.68 0.00	27.50 0.82 -2.50	32.26 0.99 0.00	32.91 0.96 0.00	32.78 0.96 0.00	33.89 0.92 0.00	31.48 0.88 0.00	30.11 0.86 0.00	29.73 0.96 0.00
BETHLEHEM___GS2 323561	24.68 0.99 0.00	23.22 0.89 0.00	23.76 0.86 0.00	28.27 1.01 0.00	34.78 1.06 0.00	35.39 1.11 0.00	39.09 1.22 0.00	45.15 1.22 0.00	33.75 0.89 0.00	29.94 0.88 0.00	24.01 0.69 0.00	21.05 0.63 0.00	21.40 0.58 0.00	20.72 0.58 0.00	19.84 0.56 0.00	21.84 0.68 0.00	27.50 0.82 -2.50	32.26 0.99 0.00	32.91 0.96 0.00	32.78 0.96 0.00	33.89 0.92 0.00	31.48 0.88 0.00	30.11 0.86 0.00	29.73 0.96 0.00
BETHLEHEM___GS3 323562	24.68 0.99 0.00	23.22 0.89 0.00	23.76 0.86 0.00	28.27 1.01 0.00	34.78 1.06 0.00	35.39 1.11 0.00	39.09 1.22 0.00	45.15 1.22 0.00	33.75 0.89 0.00	29.94 0.88 0.00	24.01 0.69 0.00	21.05 0.63 0.00	21.40 0.58 0.00	20.72 0.58 0.00	19.84 0.56 0.00	21.84 0.68 0.00	27.50 0.82 -2.50	32.26 0.99 0.00	32.91 0.96 0.00	32.78 0.96 0.00	33.89 0.92 0.00	31.48 0.88 0.00	30.11 0.86 0.00	29.73 0.96 0.00
BETHLEHEM___STEEL 23779	22.31 -1.39 0.00	21.02 -1.31 0.00	21.89 -1.00 0.00	26.17 -1.09 0.00	32.40 -1.32 0.00	33.58 -0.71 0.00	36.57 -1.31 0.00	41.82 -2.11 0.00	31.47 -1.39 0.00	27.99 -1.08 0.00	22.49 -0.83 0.00	19.67 -0.75 0.00	20.00 -0.81 0.00	19.29 -0.85 0.00	18.57 -0.71 0.00	20.17 -0.99 0.00	23.10 -1.42 -0.34	29.43 -1.84 0.00	30.33 -1.63 0.00	30.03 -1.80 0.00	31.37 -1.60 0.00	28.98 -1.61 0.00	27.52 -1.73 0.00	27.39 -1.37 0.00
BETHLHEM_115KV_TB1 79974	24.70 1.01 0.00	23.24 0.91 0.00	23.78 0.89 0.00	28.30 1.03 0.00	34.81 1.10 0.00	35.42 1.14 0.00	39.13 1.26 0.00	45.21 1.28 0.00	33.79 0.94 0.00	29.97 0.90 0.00	24.02 0.70 0.00	21.07 0.64 0.00	21.41 0.59 0.00	20.73 0.59 0.00	19.85 0.57 0.00	21.85 0.69 0.00	27.53 0.85 -2.50	32.29 1.02 0.00	32.95 1.00 0.00	32.82 0.99 0.00	33.93 0.96 0.00	31.51 0.91 0.00	30.14 0.89 0.00	29.76 0.99 0.00
BETHPAGE_CC_5 323564	30.69 2.11 -4.89	28.34 1.91 -4.10	44.30 1.92 -19.48	44.13 2.31 -14.55	36.52 2.81 0.00	37.23 2.95 0.00	41.27 3.40 0.00	48.04 4.11 0.00	36.10 3.24 0.00	35.16 3.02 -3.07	66.53 2.53 -40.68	57.48 2.16 -34.90	73.98 2.14 -51.03	42.76 2.07 -20.56	64.27 2.05 -42.94	35.20 2.26 -11.79	32.22 2.64 -5.40	34.54 3.26 -0.02	35.18 3.22 0.00	35.07 3.25 0.00	36.13 3.16 0.00	33.61 3.01 0.00	34.73 2.88 -2.60	34.32 2.85 -2.71
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.41 -1.28 0.00	21.11 -1.21 0.00	22.00 -0.89 0.00	26.31 -0.96 0.00	32.57 -1.15 0.00	33.75 -0.54 0.00	36.76 -1.11 0.00	42.06 -1.87 0.00	31.65 -1.20 0.00	28.16 -0.91 0.00	22.62 -0.70 0.00	19.78 -0.64 0.00	20.12 -0.69 0.00	19.40 -0.74 0.00	18.68 -0.61 0.00	20.29 -0.87 0.00	23.24 -1.28 -0.34	29.61 -1.66 0.00	30.53 -1.43 0.00	30.22 -1.61 0.00	31.58 -1.39 0.00	29.18 -1.42 0.00	27.71 -1.54 0.00	27.57 -1.20 0.00

BINGHAMTON___COGEN 23790	23.52 -0.17 0.00	22.21 -0.11 0.00	22.80 -0.09 0.00	27.23 -0.04 0.00	33.68 -0.04 0.00	34.42 0.13 0.00	38.08 0.20 0.00	44.31 0.39 0.00	33.15 0.29 0.00	29.32 0.25 0.00	23.47 0.15 0.00	20.49 0.07 0.00	20.91 0.10 0.00	20.19 0.05 0.00	19.33 0.04 0.00	21.18 0.02 0.00	24.94 0.06 -0.69	31.42 0.15 0.00	32.22 0.26 0.00	32.09 0.26 0.00	33.24 0.27 0.00	30.78 0.18 0.00	29.45 0.20 0.00	28.96 0.19 0.00
BIXINCNT_115KV_LOAD 355685	22.31 -1.38 0.00	21.06 -1.27 0.00	22.07 -0.82 0.00	26.65 -0.62 0.00	33.03 -0.68 0.00	34.16 -0.12 0.00	37.34 -0.54 0.00	42.71 -1.22 0.00	32.14 -0.72 0.00	28.65 -0.42 0.00	23.01 -0.30 0.00	20.08 -0.34 0.00	20.49 -0.32 0.00	19.68 -0.46 0.00	18.85 -0.43 0.00	20.53 -0.63 0.00	23.57 -0.98 -0.36	30.04 -1.22 0.00	31.12 -0.83 0.00	30.98 -0.85 0.00	32.34 -0.63 0.00	30.00 -0.59 0.00	28.67 -0.58 0.00	28.49 -0.28 0.00
BLACK RIVER___HYD 24047	22.92 -0.77 0.00	21.50 -0.82 0.00	22.33 -0.57 0.00	26.85 -0.42 0.00	33.38 -0.34 0.00	34.25 -0.04 0.00	37.86 -0.01 0.00	43.79 -0.14 0.00	32.43 -0.42 0.00	28.41 -0.65 0.00	22.55 -0.77 0.00	19.47 -0.95 0.00	19.55 -1.26 0.00	18.73 -1.41 0.00	17.82 -1.47 0.00	19.06 -1.58 0.52	16.40 -1.39 6.40	30.67 -0.59 0.00	31.50 -0.46 0.00	27.28 -0.72 3.82	32.17 -0.80 0.00	29.78 -0.81 0.00	28.41 -0.84 0.00	28.21 -0.56 0.00
BLACKRVR_115KV_TB2 79977	22.92 -0.77 0.00	21.50 -0.82 0.00	22.33 -0.57 0.00	26.85 -0.42 0.00	33.38 -0.34 0.00	34.25 -0.04 0.00	37.86 -0.01 0.00	43.80 -0.14 0.00	32.43 -0.43 0.00	28.41 -0.65 0.00	22.55 -0.77 0.00	19.48 -0.95 0.00	19.55 -1.26 0.00	18.73 -1.41 0.00	17.82 -1.46 0.00	19.06 -1.58 0.52	16.40 -1.39 6.40	30.67 -0.59 0.00	31.50 -0.46 0.00	27.28 -0.72 3.82	32.17 -0.79 0.00	29.78 -0.81 0.00	28.41 -0.84 0.00	28.21 -0.56 0.00
BLISS_WT_PWR 323608	22.13 -1.57 0.00	20.88 -1.45 0.00	21.94 -0.95 0.00	26.56 -0.70 0.00	32.93 -0.78 0.00	34.07 -0.22 0.00	37.27 -0.61 0.00	42.59 -1.34 0.00	32.09 -0.77 0.00	28.62 -0.44 0.00	23.01 -0.31 0.00	20.09 -0.34 0.00	20.48 -0.34 0.00	19.63 -0.51 0.00	18.78 -0.50 0.00	20.46 -0.69 0.00	23.49 -1.06 -0.36	29.96 -1.30 0.00	31.07 -0.88 0.00	30.98 -0.85 0.00	32.34 -0.63 0.00	28.51 -0.57 1.51	28.42 -0.55 0.28	28.30 -0.23 0.23
BLUESTONE___WT_PWR 323821	23.19 -0.50 0.00	22.84 0.52 0.00	22.87 -0.02 0.00	27.42 0.16 0.00	34.73 1.01 0.00	34.20 -0.08 0.00	38.39 0.52 0.00	44.57 0.64 0.00	33.24 0.39 0.00	29.37 0.30 0.00	23.40 0.08 0.00	20.26 -0.16 0.00	20.72 -0.09 0.00	19.98 -0.16 0.00	19.07 -0.21 0.00	21.04 -0.11 0.00	24.96 0.04 -0.74	31.56 0.30 0.00	32.61 0.66 0.00	32.51 0.68 0.00	33.52 0.55 0.00	31.26 0.37 -0.30	30.03 0.73 -0.06	30.26 1.45 -0.05
BLUE_CIRC_CHEM_DRP 24182	24.79 1.10 0.00	23.34 1.02 0.00	23.92 1.02 0.00	28.48 1.22 0.00	35.13 1.41 0.00	35.74 1.46 0.00	39.51 1.64 0.00	45.76 1.82 0.00	34.07 1.22 0.00	30.14 1.07 0.00	24.10 0.78 0.00	21.09 0.67 0.00	21.45 0.64 0.00	20.76 0.62 0.00	19.89 0.60 0.00	21.96 0.81 0.00	27.68 1.04 -2.45	32.63 1.37 0.00	33.32 1.36 0.00	33.19 1.36 0.00	34.33 1.36 0.00	31.89 1.30 0.00	30.52 1.27 0.00	30.04 1.28 0.00
BOC_GAS_DRP 24189	24.58 0.89 0.00	23.13 0.81 0.00	23.69 0.80 0.00	28.23 0.96 0.00	34.84 1.12 0.00	35.47 1.19 0.00	39.27 1.39 0.00	45.58 1.66 0.00	34.09 1.23 0.00	30.17 1.10 0.00	24.19 0.87 0.00	21.17 0.75 0.00	21.54 0.72 0.00	20.85 0.71 0.00	19.96 0.68 0.00	21.98 0.82 0.00	27.64 0.97 -2.48	32.50 1.24 0.00	33.17 1.22 0.00	33.07 1.24 0.00	34.20 1.24 0.00	31.76 1.16 0.00	30.38 1.13 0.00	29.88 1.11 0.00
BOONVILLE_115KV_TB1 79983	23.86 0.17 0.00	22.44 0.12 0.00	23.12 0.23 0.00	27.64 0.38 0.00	34.27 0.55 0.00	35.07 0.79 0.00	38.88 1.00 0.00	45.07 1.14 0.00	33.60 0.74 0.00	29.62 0.55 0.00	23.65 0.33 0.00	20.57 0.15 0.00	20.84 0.03 0.00	20.10 -0.04 0.00	19.21 -0.08 0.00	20.91 -0.06 0.19	23.65 0.19 0.72	31.95 0.68 0.00	32.71 0.76 0.00	31.11 0.65 1.37	33.60 0.63 0.00	31.11 0.52 0.00	29.69 0.44 0.00	29.28 0.52 0.00
BORALEX_4TH_BRANCH 23824	25.45 1.76 0.00	23.96 1.64 0.00	24.55 1.66 0.00	29.26 1.99 0.00	36.06 2.34 0.00	36.43 2.15 0.00	40.40 2.53 0.00	47.12 3.19 0.00	35.24 2.38 0.00	31.03 1.96 0.00	24.80 1.49 0.00	21.66 1.24 0.00	21.96 1.15 0.00	21.26 1.12 0.00	20.36 1.08 0.00	22.61 1.46 0.00	28.32 1.65 -2.49	33.33 2.07 0.00	34.05 2.09 0.00	33.94 2.12 0.00	35.36 2.39 0.00	32.80 2.21 0.00	31.43 2.18 0.00	30.84 2.08 0.00
BOWLINE___1 23526	25.29 1.60 0.00	23.75 1.42 0.00	24.30 1.41 0.00	28.98 1.71 0.00	35.85 2.13 0.00	36.65 2.36 0.00	40.71 2.83 0.00	47.42 3.49 0.00	35.49 2.64 0.00	31.45 2.38 0.00	25.27 1.95 0.00	15.49 1.64 6.57	-44.78 1.65 67.24	21.75 1.62 0.00	17.75 1.55 3.09	3.64 1.78 19.29	28.35 2.11 -2.05	33.97 2.71 0.00	34.62 2.67 0.00	34.58 2.75 0.00	35.66 2.69 0.00	33.03 2.44 0.00	31.60 2.35 0.00	30.98 2.22 0.00
BOWLINE___2 23595	25.29 1.61 0.00	23.75 1.42 0.00	24.31 1.41 0.00	28.98 1.71 0.00	35.86 2.14 0.00	36.65 2.36 0.00	40.70 2.83 0.00	47.38 3.45 0.00	35.46 2.60 0.00	31.42 2.35 0.00	25.25 1.93 0.00	15.45 1.62 6.59	-44.99 1.63 67.44	21.73 1.59 0.00	17.71 1.53 3.10	3.56 1.76 19.35	28.32 2.08 -2.05	33.94 2.67 0.00	34.58 2.63 0.00	34.54 2.71 0.00	35.63 2.66 0.00	33.00 2.41 0.00	31.57 2.32 0.00	30.95 2.19 0.00
BRADY___115KV_TB2 356060	23.65 -0.04 0.00	22.27 -0.05 0.00	22.85 -0.04 0.00	27.21 -0.05 0.00	33.68 -0.04 0.00	34.02 -0.26 0.00	37.39 -0.49 0.00	43.17 -0.76 0.00	32.21 -0.65 0.00	28.40 -0.66 0.00	22.76 -0.55 0.00	19.93 -0.49 0.00	20.34 -0.47 0.00	19.65 -0.49 0.00	18.83 -0.45 0.00	18.19 -0.49 2.48	-0.95 -0.63 24.51	30.65 -0.61 0.00	31.41 -0.55 0.00	13.08 -0.63 18.12	32.41 -0.56 0.00	30.14 -0.45 0.00	28.84 -0.41 0.00	28.47 -0.30 0.00
BRANSCOMB___SOLAR 323811	25.04 1.35 0.00	23.58 1.25 0.00	24.13 1.24 0.00	28.71 1.44 0.00	35.39 1.67 0.00	36.03 1.75 0.00	39.91 2.03 0.00	46.39 2.46 0.00	34.55 1.69 0.00	30.32 1.25 0.00	24.26 0.94 0.00	21.22 0.79 0.00	21.54 0.73 0.00	20.82 0.68 0.00	19.95 0.66 0.00	22.15 0.99 0.00	28.14 1.39 -2.56	33.10 1.83 0.00	33.82 1.87 0.00	33.69 1.87 0.00	34.87 1.90 0.00	32.33 1.74 0.00	30.91 1.66 0.00	30.32 1.56 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	31.05 2.46 -4.89	28.66 2.24 -4.10	44.67 2.29 -19.48	44.57 2.75 -14.55	37.14 3.42 0.00	37.84 3.56 0.00	42.02 4.15 0.00	48.92 4.99 0.00	36.79 3.93 0.00	35.79 3.65 -3.07	67.05 3.04 -40.69	57.91 2.58 -34.90	74.42 2.52 -51.09	43.20 2.43 -20.62	64.63 2.40 -42.94	35.56 2.62 -11.79	32.41 3.12 -5.10	35.19 3.91 -0.02	35.88 3.92 0.00	35.75 3.92 0.00	36.80 3.83 0.00	34.24 3.65 0.00	35.29 3.44 -2.60	34.83 3.36 -2.71

BRISTLHL_115KV_TB1 79998	22.90 -0.79 0.00	21.59 -0.74 0.00	22.18 -0.71 0.00	26.40 -0.87 0.00	32.67 -1.05 0.00	33.38 -0.91 0.00	36.95 -0.92 0.00	42.87 -1.06 0.00	32.03 -0.82 0.00	28.33 -0.74 0.00	22.74 -0.57 0.00	19.92 -0.50 0.00	20.28 -0.53 0.00	19.61 -0.52 0.00	18.74 -0.54 0.00	20.49 -0.67 0.00	23.58 -0.69 -0.09	30.46 -0.80 0.00	31.21 -0.75 0.00	31.04 -0.79 0.00	32.14 -0.83 0.00	29.74 -0.85 0.00	28.37 -0.88 0.00	27.89 -0.87 0.00
BROOKHAVEN___DRP 24191	31.08 2.50 -4.89	28.70 2.27 -4.10	44.66 2.28 -19.48	44.58 2.76 -14.55	37.16 3.44 0.00	37.92 3.63 0.00	42.06 4.19 0.00	48.98 5.05 0.00	36.80 3.94 0.00	35.82 3.68 -3.07	67.05 3.04 -40.69	57.90 2.57 -34.90	74.41 2.50 -51.09	43.17 2.40 -20.63	64.59 2.37 -42.94	35.55 2.60 -11.79	32.39 3.14 -5.07	35.21 3.93 -0.02	35.90 3.94 0.00	35.76 3.94 0.00	36.79 3.83 0.00	34.21 3.62 0.00	35.24 3.39 -2.60	34.81 3.34 -2.71
BROOKLYN_NAVY_YARD 23515	25.36 1.68 0.00	23.82 1.49 0.00	24.35 1.46 0.00	28.99 1.72 0.00	35.94 2.22 0.00	36.79 2.50 0.00	40.92 3.04 0.00	47.85 3.92 0.00	35.90 3.04 0.00	32.38 2.76 -0.55	48.08 2.30 -22.46	46.81 1.92 -24.47	77.29 1.95 -54.53	41.95 1.93 -19.88	32.03 1.85 -10.91	31.55 2.06 -8.33	31.21 2.45 -4.57	35.08 3.10 -0.72	35.01 3.06 0.00	34.98 3.15 0.00	36.03 3.06 0.00	33.38 2.79 0.00	31.92 2.67 0.00	31.26 2.49 0.00
BROOKLYN___ARMY_DRP 323595	25.56 1.87 0.00	24.01 1.68 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.18 4.25 0.00	36.18 3.33 0.00	32.67 2.99 -0.62	51.07 2.42 -25.33	49.78 2.07 -27.29	340.32 2.00 -317.51	107.37 1.86 -85.37	33.35 1.91 -12.15	31.85 2.20 -8.49	31.62 2.55 -4.89	35.37 3.29 -0.81	35.24 3.29 0.00	35.24 3.41 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.58	40.51 2.93 -8.33	31.50 2.74 0.00
BROOKVLE_69_KV_TB1 55790	30.78 2.20 -4.89	28.44 2.01 -4.10	44.38 2.00 -19.48	44.22 2.41 -14.55	36.70 2.98 0.00	37.47 3.19 0.00	41.44 3.56 0.00	48.29 4.36 0.00	36.29 3.43 0.00	35.32 3.18 -3.07	66.67 2.68 -40.67	57.61 2.29 -34.90	74.07 2.30 -50.96	42.81 2.20 -20.48	64.42 2.21 -42.94	35.41 2.46 -11.79	32.74 2.81 -5.75	34.78 3.50 -0.02	35.41 3.46 0.00	35.33 3.50 0.00	36.36 3.39 0.00	33.76 3.17 0.00	34.86 3.01 -2.60	34.55 3.08 -2.71
BROOME_2_LFGE 323671	23.52 -0.17 0.00	22.21 -0.11 0.00	22.79 -0.10 0.00	27.23 -0.04 0.00	33.68 -0.04 0.00	34.42 0.13 0.00	38.08 0.20 0.00	44.32 0.39 0.00	33.15 0.29 0.00	29.32 0.25 0.00	23.46 0.15 0.00	20.48 0.05 0.00	20.91 0.09 0.00	20.19 0.05 0.00	19.32 0.04 0.00	21.17 0.01 0.00	24.94 0.06 -0.69	31.42 0.15 0.00	32.22 0.26 0.00	32.09 0.26 0.00	33.24 0.27 0.00	31.15 0.18 -0.38	29.52 0.20 -0.07	29.01 0.19 -0.06
BROOME___LFGE 323600	23.52 -0.17 0.00	22.21 -0.11 0.00	22.79 -0.10 0.00	27.23 -0.04 0.00	33.68 -0.04 0.00	34.42 0.13 0.00	38.08 0.20 0.00	44.32 0.39 0.00	33.15 0.29 0.00	29.32 0.25 0.00	23.46 0.15 0.00	20.48 0.05 0.00	20.91 0.09 0.00	20.19 0.05 0.00	19.32 0.04 0.00	21.17 0.01 0.00	24.94 0.06 -0.69	31.42 0.15 0.00	32.22 0.26 0.00	32.09 0.26 0.00	33.24 0.27 0.00	31.15 0.18 -0.38	29.52 0.20 -0.07	29.01 0.19 -0.06
BROWNFLS_115KV_TB_3_5 80003	23.00 -0.69 0.00	21.62 -0.71 0.00	22.30 -0.59 0.00	26.68 -0.59 0.00	33.07 -0.65 0.00	33.63 -0.66 0.00	37.08 -0.79 0.00	42.86 -1.07 0.00	31.90 -0.96 0.00	28.10 -0.97 0.00	22.46 -0.85 0.00	19.50 -0.92 0.00	19.74 -1.07 0.00	18.99 -1.16 0.00	18.12 -1.16 0.00	18.47 -1.25 1.44	7.55 -1.26 15.37	30.23 -1.03 0.00	31.01 -0.95 0.00	20.18 -1.12 10.53	31.83 -1.14 0.00	29.54 -1.06 0.00	28.28 -0.97 0.00	28.03 -0.73 0.00
BROWNSV1_27_KV_LOAD 356125	25.61 1.92 0.00	24.05 1.72 0.00	24.57 1.67 0.00	29.26 1.99 0.00	36.26 2.54 0.00	37.14 2.85 0.00	41.32 3.45 0.00	48.35 4.41 0.00	36.29 3.43 0.00	32.74 3.12 -0.55	48.33 2.55 -22.46	47.04 2.16 -24.47	77.51 2.17 -54.53	42.15 2.14 -19.88	32.24 2.05 -10.91	31.78 2.29 -8.33	31.47 2.71 -4.57	35.45 3.47 -0.72	35.39 3.43 0.00	35.34 3.52 0.00	36.43 3.46 0.00	33.75 3.15 0.00	32.24 2.99 0.00	31.57 2.81 0.00
BURROWS___LYONSDAL 23803	23.62 -0.07 0.00	22.21 -0.12 0.00	22.92 0.03 0.00	27.43 0.16 0.00	34.05 0.33 0.00	34.86 0.58 0.00	38.63 0.75 0.00	44.75 0.82 0.00	33.33 0.47 0.00	29.35 0.29 0.00	23.42 0.10 0.00	20.34 -0.08 0.00	20.58 -0.24 0.00	19.80 -0.34 0.00	18.91 -0.38 0.00	20.46 -0.40 0.30	21.20 -0.16 2.82	31.63 0.37 0.00	32.42 0.47 0.00	29.96 0.32 2.19	33.25 0.28 0.00	30.79 0.19 0.00	29.38 0.13 0.00	29.03 0.26 0.00
CAITHNESS_CC_1 323624	31.01 2.43 -4.89	28.63 2.20 -4.10	44.59 2.21 -19.48	44.49 2.68 -14.55	37.05 3.33 0.00	37.79 3.51 0.00	41.92 4.05 0.00	48.81 4.88 0.00	36.68 3.82 0.00	35.71 3.57 -3.07	66.97 2.96 -40.69	57.83 2.50 -34.90	74.34 2.43 -51.10	43.10 2.33 -20.63	64.53 2.30 -42.94	35.47 2.53 -11.79	32.29 3.04 -5.07	35.09 3.81 -0.02	35.77 3.81 0.00	35.64 3.81 0.00	36.67 3.70 0.00	34.11 3.51 0.00	35.15 3.30 -2.60	34.72 3.25 -2.71
CALPINE BETH_PAGE_GT4 24209	30.58 2.00 -4.89	28.25 1.82 -4.10	44.20 1.83 -19.48	44.02 2.20 -14.55	36.41 2.69 0.00	37.13 2.84 0.00	41.16 3.29 0.00	47.93 4.00 0.00	36.02 3.17 0.00	35.09 2.95 -3.07	66.45 2.46 -40.67	57.42 2.09 -34.90	73.89 2.07 -51.00	42.67 2.01 -20.52	64.21 1.99 -42.94	35.16 2.21 -11.79	32.33 2.60 -5.54	34.49 3.21 -0.02	35.13 3.17 0.00	35.01 3.19 0.00	36.07 3.10 0.00	33.53 2.94 0.00	34.65 2.79 -2.60	34.25 2.78 -2.71
CALPINE_BETH_PAGE_GT_4 323586	30.58 2.00 -4.89	28.25 1.82 -4.10	44.20 1.82 -19.48	44.02 2.20 -14.55	36.41 2.69 0.00	37.12 2.84 0.00	41.16 3.29 0.00	47.93 4.00 0.00	36.03 3.17 0.00	35.09 2.95 -3.07	66.46 2.47 -40.67	57.42 2.10 -34.90	73.89 2.07 -51.00	42.67 2.00 -20.52	64.21 1.99 -42.94	35.16 2.21 -11.79	32.33 2.60 -5.54	34.49 3.21 -0.02	35.13 3.17 0.00	35.02 3.19 0.00	36.07 3.10 0.00	33.53 2.93 0.00	34.65 2.79 -2.60	34.25 2.78 -2.71
CALPINE_BP_GT1 23823	30.58 2.00 -4.89	28.25 1.82 -4.10	44.20 1.82 -19.48	44.02 2.20 -14.55	36.41 2.69 0.00	37.12 2.84 0.00	41.16 3.29 0.00	47.93 4.00 0.00	36.03 3.17 0.00	35.09 2.95 -3.07	66.46 2.47 -40.67	57.42 2.10 -34.90	73.89 2.07 -51.00	42.67 2.00 -20.52	64.21 1.99 -42.94	35.16 2.21 -11.79	32.33 2.60 -5.54	34.49 3.21 -0.02	35.13 3.17 0.00	35.02 3.19 0.00	36.07 3.10 0.00	33.53 2.93 0.00	34.65 2.79 -2.60	34.25 2.78 -2.71
CALSPAN___DRP 24200	22.31 -1.39 0.00	21.02 -1.31 0.00	21.89 -1.00 0.00	26.17 -1.09 0.00	32.40 -1.32 0.00	33.58 -0.71 0.00	36.57 -1.31 0.00	41.82 -2.11 0.00	31.47 -1.39 0.00	27.99 -1.08 0.00	22.49 -0.83 0.00	19.67 -0.75 0.00	20.00 -0.81 0.00	19.29 -0.85 0.00	18.57 -0.71 0.00	20.17 -0.99 0.00	23.10 -1.42 -0.34	29.43 -1.84 0.00	30.33 -1.63 0.00	30.03 -1.80 0.00	31.37 -1.60 0.00	28.98 -1.61 0.00	27.52 -1.73 0.00	27.39 -1.37 0.00

CALVERTON___SOLAR 323806	31.18 2.60 -4.89	28.78 2.35 -4.10	44.75 2.37 -19.48	44.69 2.87 -14.55	37.29 3.58 0.00	38.07 3.78 0.00	42.24 4.37 0.00	49.19 5.26 0.00	36.94 4.09 0.00	35.95 3.80 -3.07	67.15 3.15 -40.69	57.99 2.66 -34.90	74.49 2.58 -51.10	43.24 2.48 -20.63	64.67 2.44 -42.94	35.63 2.68 -11.79	32.50 3.25 -5.07	35.36 4.08 -0.02	36.06 4.10 0.00	35.91 4.08 0.00	36.94 3.98 0.00	34.34 3.75 0.00	35.36 3.51 -2.60	34.93 3.46 -2.71
CANDIGU_WT_PWR 323617	22.54 -1.15 0.00	21.40 -0.93 0.00	21.80 -1.10 0.00	26.32 -0.94 0.00	32.69 -1.02 0.00	33.29 -1.00 0.00	36.93 -0.94 0.00	43.52 -0.41 0.00	32.59 -0.26 0.00	28.75 -0.32 0.00	22.95 -0.37 0.00	19.90 -0.52 0.00	20.30 -0.52 0.00	19.52 -0.62 0.00	18.58 -0.70 0.00	20.29 -0.87 0.00	23.80 -0.92 -0.54	30.37 -0.90 0.00	31.61 -0.34 0.00	31.58 -0.24 0.00	32.78 -0.18 0.00	31.46 -0.21 -1.08	29.46 0.01 -0.20	28.75 -0.18 -0.16
CARR STREET_E_SYR 24060	23.04 -0.65 0.00	21.74 -0.59 0.00	22.32 -0.57 0.00	26.58 -0.68 0.00	32.87 -0.85 0.00	33.61 -0.67 0.00	37.19 -0.68 0.00	43.11 -0.82 0.00	32.18 -0.68 0.00	28.46 -0.60 0.00	22.84 -0.48 0.00	19.99 -0.43 0.00	20.37 -0.45 0.00	19.71 -0.43 0.00	18.85 -0.43 0.00	20.59 -0.56 0.00	23.81 -0.60 -0.22	30.55 -0.71 0.00	31.31 -0.65 0.00	31.14 -0.69 0.00	32.25 -0.72 0.00	29.84 -0.75 0.00	28.47 -0.78 0.00	28.02 -0.75 0.00
CARTHAGE___PAPER 23857	23.14 -0.55 0.00	21.72 -0.61 0.00	22.52 -0.38 0.00	27.04 -0.22 0.00	33.63 -0.08 0.00	34.47 0.18 0.00	38.11 0.23 0.00	44.06 0.13 0.00	32.66 -0.19 0.00	28.67 -0.40 0.00	22.77 -0.54 0.00	19.69 -0.74 0.00	19.78 -1.03 0.00	18.96 -1.18 0.00	18.04 -1.25 0.00	19.23 -1.32 0.61	15.53 -1.11 7.55	30.91 -0.36 0.00	31.75 -0.21 0.00	26.89 -0.45 4.48	32.45 -0.52 0.00	30.04 -0.55 0.00	28.67 -0.58 0.00	28.46 -0.31 0.00
CASSADAGA_WT_PWR 323784	22.68 -1.01 0.00	21.31 -1.02 0.00	22.37 -0.53 0.00	26.80 -0.47 0.00	33.11 -0.60 0.00	34.57 0.28 0.00	37.90 0.03 0.00	43.45 -0.48 0.00	32.69 -0.17 0.00	28.99 -0.08 0.00	23.22 -0.09 0.00	20.33 -0.09 0.00	20.67 -0.15 0.00	19.84 -0.30 0.00	19.01 -0.27 0.00	20.52 -0.63 0.00	23.71 -0.83 -0.36	30.37 -0.89 0.00	31.29 -0.67 0.00	31.36 -0.47 0.00	32.82 -0.15 0.00	28.88 -0.25 1.47	28.57 -0.41 0.27	28.34 -0.21 0.22
CE_DUNWOOD___DRP 24194	25.30 1.61 0.00	23.76 1.43 0.00	24.31 1.42 0.00	28.98 1.71 0.00	35.86 2.14 0.00	36.67 2.38 0.00	40.75 2.87 0.00	47.52 3.59 0.00	35.62 2.76 0.00	31.58 2.50 -0.01	25.86 2.05 -0.50	25.16 1.72 -3.02	49.21 1.73 -26.66	22.27 1.70 -0.44	22.32 1.63 -1.41	30.50 1.86 -7.49	28.50 2.21 -2.11	34.10 2.82 -0.02	34.74 2.79 0.00	34.70 2.87 0.00	35.79 2.82 0.00	33.15 2.55 0.00	31.70 2.45 0.00	31.09 2.32 0.00
CE_MILLWOOD___DRP 24193	25.25 1.56 0.00	23.72 1.39 0.00	24.27 1.38 0.00	28.93 1.67 0.00	35.80 2.08 0.00	36.61 2.32 0.00	40.68 2.81 0.00	47.42 3.49 0.00	35.54 2.68 0.00	31.49 2.42 0.00	25.30 1.99 0.00	24.82 1.66 -2.73	50.52 1.67 -28.03	21.78 1.64 0.00	22.15 1.58 -1.29	31.00 1.80 -8.04	28.37 2.14 -2.04	34.02 2.75 0.00	34.66 2.70 0.00	34.62 2.79 0.00	35.71 2.74 0.00	33.09 2.49 0.00	31.64 2.39 0.00	31.03 2.26 0.00
CE_NYC2_DRP 24202	25.44 1.75 0.00	23.91 1.58 0.00	24.41 1.51 0.00	29.08 1.82 0.00	36.03 2.32 0.00	36.91 2.62 0.00	41.04 3.16 0.00	47.99 4.06 0.00	36.03 3.18 0.00	32.56 2.87 -0.62	50.98 2.33 -25.33	49.68 1.97 -27.29	340.28 1.96 -317.51	107.40 1.89 -85.37	33.29 1.85 -12.15	31.75 2.10 -8.49	31.51 2.43 -4.89	35.20 3.13 -0.81	35.06 3.11 0.00	35.04 3.21 0.00	36.15 3.18 0.00	33.49 2.89 0.00	32.01 2.76 0.00	31.34 2.57 0.00
CE_NYC_DRP 24195	25.38 1.69 0.00	23.83 1.50 0.00	24.36 1.46 0.00	29.01 1.74 0.00	35.94 2.22 0.00	36.79 2.51 0.00	40.92 3.05 0.00	47.85 3.92 0.00	35.92 3.06 0.00	32.39 2.79 -0.53	47.47 2.29 -21.87	46.23 1.92 -23.89	76.49 1.94 -53.74	41.40 1.91 -19.35	31.76 1.83 -10.65	31.51 2.06 -8.29	31.13 2.44 -4.50	35.07 3.11 -0.70	35.00 3.04 0.00	34.97 3.14 0.00	36.03 3.06 0.00	33.38 2.78 0.00	31.91 2.66 0.00	31.26 2.49 0.00
CHAFFEE___LFGE 323603	22.34 -1.35 0.00	21.04 -1.29 0.00	21.91 -0.98 0.00	26.19 -1.07 0.00	32.43 -1.29 0.00	33.59 -0.69 0.00	36.57 -1.30 0.00	41.82 -2.11 0.00	31.49 -1.37 0.00	28.00 -1.07 0.00	22.50 -0.82 0.00	19.69 -0.74 0.00	20.02 -0.80 0.00	19.32 -0.82 0.00	18.61 -0.68 0.00	20.20 -0.96 0.00	23.16 -1.38 -0.35	29.44 -1.82 0.00	30.33 -1.63 0.00	30.03 -1.80 0.00	31.38 -1.59 0.00	27.58 -1.59 1.43	27.28 -1.70 0.27	27.21 -1.34 0.21
CHATEAUG_35_KV_LOAD 355732	23.21 -0.48 0.00	21.82 -0.51 0.00	22.27 -0.62 0.00	26.47 -0.79 0.00	32.94 -0.78 0.00	33.52 -0.76 0.00	36.67 -1.20 0.00	42.23 -1.70 0.00	31.65 -1.21 0.00	27.87 -1.19 0.00	22.24 -1.08 0.00	19.49 -0.93 0.00	19.82 -1.00 0.00	19.11 -1.03 0.00	18.31 -0.97 0.00	17.48 -1.00 2.68	-3.27 -1.19 26.26	29.75 -1.52 0.00	30.48 -1.47 0.00	10.78 -1.46 19.59	31.54 -1.43 0.00	29.47 -1.13 0.00	28.23 -1.02 0.00	27.94 -0.83 0.00
CHATEAUG_WT_PWR 323614	23.08 -0.61 0.00	21.68 -0.64 0.00	22.13 -0.76 0.00	26.29 -0.98 0.00	32.74 -0.98 0.00	33.39 -0.90 0.00	36.54 -1.34 0.00	42.04 -1.89 0.00	31.52 -1.34 0.00	27.71 -1.35 0.00	22.09 -1.23 0.00	19.37 -1.05 0.00	19.69 -1.13 0.00	18.99 -1.15 0.00	18.19 -1.10 0.00	17.28 -1.14 2.74	-3.93 -1.38 26.73	29.52 -1.75 0.00	30.27 -1.69 0.00	10.16 -1.69 19.98	31.32 -1.65 0.00	29.29 -1.30 0.00	28.08 -1.17 0.00	27.81 -0.95 0.00
CHAT_HIGH_FALL_HYD 323578	23.21 -0.48 0.00	21.82 -0.51 0.00	22.27 -0.62 0.00	26.47 -0.79 0.00	32.94 -0.78 0.00	33.52 -0.76 0.00	36.67 -1.20 0.00	42.23 -1.70 0.00	31.65 -1.21 0.00	27.87 -1.19 0.00	22.24 -1.08 0.00	19.49 -0.93 0.00	19.82 -1.00 0.00	19.11 -1.03 0.00	18.31 -0.97 0.00	17.48 -1.00 2.68	-3.27 -1.19 26.26	29.75 -1.52 0.00	30.48 -1.47 0.00	10.78 -1.46 19.59	31.54 -1.43 0.00	29.47 -1.13 0.00	28.23 -1.02 0.00	27.94 -0.83 0.00
CHAUTAUQUA___LFGE 323629	22.44 -1.25 0.00	21.11 -1.22 0.00	22.04 -0.85 0.00	26.41 -0.86 0.00	32.66 -1.05 0.00	33.95 -0.34 0.00	37.11 -0.77 0.00	42.56 -1.37 0.00	32.02 -0.84 0.00	28.42 -0.65 0.00	22.77 -0.55 0.00	19.91 -0.51 0.00	20.24 -0.57 0.00	19.48 -0.66 0.00	18.74 -0.55 0.00	20.32 -0.84 0.00	23.41 -1.13 -0.35	29.89 -1.37 0.00	30.77 -1.19 0.00	30.72 -1.11 0.00	32.11 -0.86 0.00	28.21 -0.93 1.45	27.94 -1.04 0.27	27.74 -0.81 0.22
CHERRYST_13_KV_LD 356241	25.44 1.75 0.00	23.89 1.56 0.00	24.42 1.53 0.00	29.07 1.81 0.00	36.04 2.32 0.00	36.90 2.62 0.00	41.05 3.17 0.00	48.01 4.08 0.00	36.03 3.18 0.00	32.50 2.90 -0.53	47.56 2.37 -21.87	46.31 2.00 -23.89	76.57 2.02 -53.74	41.47 1.98 -19.35	31.83 1.90 -10.65	31.59 2.14 -8.29	31.22 2.53 -4.50	35.19 3.23 -0.70	35.12 3.17 0.00	35.07 3.24 0.00	36.14 3.17 0.00	33.47 2.88 0.00	31.99 2.74 0.00	31.34 2.57 0.00

CHESTROR_138KV_BK263 355645	24.92 1.23 0.00	23.41 1.08 0.00	23.97 1.08 0.00	28.59 1.32 0.00	35.35 1.64 0.00	36.15 1.86 0.00	40.16 2.29 0.00	46.78 2.85 0.00	35.01 2.15 0.00	30.99 1.93 0.00	24.89 1.57 0.00	19.16 1.30 2.56	-3.98 1.29 26.08	21.41 1.27 0.00	19.30 1.21 1.20	15.07 1.40 7.49	27.75 1.69 -1.87	33.49 2.23 0.00	34.14 2.19 0.00	34.11 2.28 0.00	35.20 2.23 0.00	32.60 2.01 0.00	31.20 1.95 0.00	30.60 1.84 0.00
CH_MIDHUDSON___DRP 24192	25.25 1.56 0.00	23.73 1.40 0.00	24.29 1.40 0.00	28.95 1.69 0.00	35.82 2.11 0.00	36.63 2.34 0.00	40.69 2.82 0.00	47.47 3.54 0.00	35.54 2.68 0.00	31.47 2.40 0.00	25.26 1.94 0.00	22.05 1.63 0.00	22.46 1.65 0.00	21.75 1.61 0.00	20.83 1.54 0.00	22.94 1.79 0.00	28.41 2.15 -2.08	34.04 2.78 0.00	34.72 2.76 0.00	34.66 2.84 0.00	35.77 2.80 0.00	33.12 2.53 0.00	31.67 2.42 0.00	31.05 2.28 0.00
CH_MISC_IPPS 23765	25.36 1.66 0.00	23.81 1.48 0.00	24.38 1.49 0.00	29.07 1.81 0.00	35.97 2.26 0.00	36.80 2.52 0.00	40.91 3.03 0.00	47.71 3.78 0.00	35.72 2.86 0.00	31.61 2.55 0.00	25.38 2.07 0.00	22.15 1.73 0.00	22.55 1.74 0.00	21.84 1.70 0.00	20.91 1.62 0.00	23.03 1.87 0.00	28.48 2.25 -2.04	34.21 2.94 0.00	34.90 2.94 0.00	34.84 3.01 0.00	35.96 2.99 0.00	33.28 2.69 0.00	31.81 2.56 0.00	31.19 2.42 0.00
CH_RES_BVR_FALLS 23983	23.24 -0.44 0.00	21.94 -0.39 0.00	22.52 -0.37 0.00	26.84 -0.43 0.00	33.30 -0.42 0.00	33.76 -0.53 0.00	37.16 -0.71 0.00	42.97 -0.96 0.00	32.10 -0.76 0.00	28.39 -0.68 0.00	22.75 -0.57 0.00	19.92 -0.50 0.00	20.30 -0.51 0.00	19.58 -0.56 0.00	18.71 -0.57 0.00	16.27 -0.63 4.26	-17.84 -0.71 41.31	30.42 -0.84 0.00	31.06 -0.90 0.00	-0.21 -0.95 31.08	32.08 -0.89 0.00	29.85 -0.74 0.00	28.54 -0.71 0.00	28.17 -0.60 0.00
CH_RES_NIAGARA 23895	21.65 -2.04 0.00	20.36 -1.97 0.00	21.18 -1.71 0.00	25.30 -1.96 0.00	31.30 -2.41 0.00	32.44 -1.85 0.00	35.23 -2.64 0.00	39.93 -4.00 0.00	30.04 -2.82 0.00	26.76 -2.31 0.00	21.54 -1.78 0.00	18.89 -1.53 0.00	19.14 -1.68 0.00	18.51 -1.62 0.00	17.85 -1.44 0.00	19.35 -1.81 0.00	22.08 -2.43 -0.32	28.04 -3.22 0.00	28.88 -3.08 0.00	28.53 -3.30 0.00	29.83 -3.14 0.00	26.42 -3.00 1.17	25.92 -3.11 0.22	25.97 -2.62 0.17
CH_RES_SYRACUSE 23985	23.26 -0.43 0.00	21.96 -0.37 0.00	22.54 -0.35 0.00	26.83 -0.43 0.00	33.23 -0.49 0.00	33.94 -0.35 0.00	37.59 -0.28 0.00	43.60 -0.33 0.00	32.60 -0.26 0.00	28.83 -0.24 0.00	23.12 -0.19 0.00	20.24 -0.18 0.00	20.63 -0.19 0.00	19.96 -0.18 0.00	19.08 -0.20 0.00	20.86 -0.30 0.00	24.14 -0.29 -0.25	30.97 -0.29 0.00	31.72 -0.24 0.00	31.56 -0.27 0.00	32.69 -0.28 0.00	30.24 -0.36 0.00	28.86 -0.39 0.00	28.39 -0.37 0.00
CLINTON_WT_PWR 323605	23.08 -0.61 0.00	21.68 -0.64 0.00	22.13 -0.76 0.00	26.29 -0.98 0.00	32.74 -0.98 0.00	33.39 -0.90 0.00	36.54 -1.34 0.00	42.04 -1.89 0.00	31.52 -1.34 0.00	27.71 -1.35 0.00	22.09 -1.23 0.00	19.37 -1.05 0.00	19.69 -1.13 0.00	18.99 -1.15 0.00	18.19 -1.10 0.00	17.28 -1.14 2.74	-3.93 -1.38 26.73	29.52 -1.75 0.00	30.27 -1.69 0.00	10.16 -1.69 19.98	31.32 -1.65 0.00	29.29 -1.30 0.00	28.08 -1.17 0.00	27.81 -0.95 0.00
CLINTON___LFGE 323618	23.48 -0.21 0.00	22.08 -0.24 0.00	22.53 -0.36 0.00	26.76 -0.50 0.00	33.33 -0.38 0.00	34.06 -0.22 0.00	37.30 -0.57 0.00	43.01 -0.92 0.00	32.27 -0.58 0.00	28.33 -0.73 0.00	22.54 -0.78 0.00	19.78 -0.64 0.00	20.08 -0.74 0.00	19.35 -0.79 0.00	18.52 -0.76 0.00	17.71 -0.72 2.72	-3.29 -0.86 26.61	30.21 -1.06 0.00	30.99 -0.97 0.00	10.97 -0.98 19.88	32.05 -0.92 0.00	29.94 -0.65 0.00	28.67 -0.58 0.00	28.36 -0.40 0.00
COBBLENY_34_KV_TB1 80064	22.33 -1.36 0.00	21.04 -1.29 0.00	21.91 -0.98 0.00	26.19 -1.07 0.00	32.42 -1.29 0.00	33.59 -0.70 0.00	36.57 -1.30 0.00	41.83 -2.10 0.00	31.47 -1.39 0.00	27.99 -1.07 0.00	22.49 -0.83 0.00	19.66 -0.76 0.00	20.01 -0.80 0.00	19.31 -0.83 0.00	18.59 -0.69 0.00	20.19 -0.97 0.00	23.14 -1.39 -0.35	29.45 -1.81 0.00	30.35 -1.61 0.00	30.04 -1.79 0.00	31.38 -1.59 0.00	29.00 -1.59 0.00	27.56 -1.69 0.00	27.42 -1.34 0.00
COFFEEN___115KV_TB3 355620	23.07 -0.61 0.00	21.65 -0.68 0.00	22.47 -0.43 0.00	27.00 -0.27 0.00	33.58 -0.13 0.00	34.48 0.19 0.00	38.15 0.27 0.00	44.15 0.22 0.00	32.68 -0.18 0.00	28.55 -0.51 0.00	22.62 -0.69 0.00	19.52 -0.91 0.00	19.60 -1.22 0.00	18.77 -1.37 0.00	17.86 -1.42 0.00	19.12 -1.53 0.51	16.68 -1.30 6.20	30.92 -0.35 0.00	31.81 -0.15 0.00	27.70 -0.42 3.71	32.50 -0.47 0.00	30.06 -0.54 0.00	28.65 -0.60 0.00	28.41 -0.36 0.00
COLDSPRG_115KV_BK1 355956	23.37 -0.32 0.00	21.99 -0.34 0.00	22.93 0.04 0.00	27.46 0.19 0.00	33.95 0.23 0.00	35.20 0.92 0.00	38.48 0.61 0.00	44.31 0.38 0.00	33.24 0.38 0.00	29.49 0.42 0.00	23.61 0.29 0.00	20.65 0.22 0.00	21.12 0.31 0.00	20.37 0.23 0.00	19.56 0.28 0.00	21.10 -0.06 0.00	24.29 -0.27 -0.37	30.94 -0.32 0.00	31.82 -0.14 0.00	31.84 0.01 0.00	33.25 0.28 0.00	30.77 0.18 0.00	29.37 0.12 0.00	29.09 0.32 0.00
COLONIE_LFGE___ 323577	24.94 1.25 0.00	23.47 1.15 0.00	24.05 1.15 0.00	28.63 1.37 0.00	35.31 1.59 0.00	35.88 1.59 0.00	39.76 1.89 0.00	46.22 2.29 0.00	34.53 1.67 0.00	30.46 1.39 0.00	24.39 1.08 0.00	21.33 0.91 0.00	21.66 0.85 0.00	20.96 0.82 0.00	20.08 0.80 0.00	22.21 1.05 0.00	28.00 1.28 -2.53	32.90 1.63 0.00	33.60 1.64 0.00	33.49 1.66 0.00	34.69 1.72 0.00	32.19 1.60 0.00	30.80 1.55 0.00	30.25 1.49 0.00
COOPERNY_115KV_TB1 80082	24.59 0.90 0.00	23.13 0.80 0.00	23.69 0.80 0.00	28.25 0.98 0.00	34.94 1.22 0.00	35.70 1.41 0.00	39.62 1.75 0.00	46.11 2.18 0.00	34.51 1.65 0.00	30.53 1.47 0.00	24.51 1.19 0.00	20.25 0.98 1.16	10.05 0.97 11.74	21.09 0.95 0.00	19.65 0.91 0.54	18.84 1.05 3.37	26.98 1.26 -1.53	32.93 1.66 0.00	33.60 1.64 0.00	33.54 1.72 0.00	34.65 1.68 0.00	32.12 1.52 0.00	30.73 1.48 0.00	30.16 1.39 0.00
COPENHAGEN_WT_PWR 323753	22.71 -0.98 0.00	21.30 -1.03 0.00	22.15 -0.74 0.00	26.67 -0.60 0.00	33.15 -0.56 0.00	34.02 -0.27 0.00	37.55 -0.32 0.00	43.42 -0.51 0.00	32.14 -0.72 0.00	28.21 -0.86 0.00	22.40 -0.92 0.00	19.36 -1.06 0.00	19.41 -1.41 0.00	18.58 -1.56 0.00	17.66 -1.62 0.00	18.93 -1.75 0.48	16.75 -1.60 5.84	30.34 -0.93 0.00	31.12 -0.84 0.00	27.22 -1.11 3.50	31.76 -1.21 0.00	29.41 -1.18 0.00	28.09 -1.16 0.00	27.95 -0.82 0.00
CORNELL_____ 23752	23.83 0.14 0.00	22.52 0.19 0.00	23.10 0.21 0.00	27.58 0.31 0.00	34.14 0.43 0.00	34.92 0.63 0.00	38.77 0.90 0.00	45.10 1.17 0.00	33.70 0.84 0.00	29.79 0.72 0.00	23.81 0.50 0.00	20.73 0.31 0.00	21.11 0.30 0.00	20.39 0.25 0.00	19.50 0.22 0.00	21.31 0.15 0.00	25.01 0.33 -0.50	31.92 0.66 0.00	32.80 0.85 0.00	32.66 0.83 0.00	33.83 0.86 0.00	31.28 0.68 0.00	29.86 0.60 0.00	29.37 0.61 0.00

CORONA V_69_KV_TB1 355595	30.65 2.07 -4.89	28.29 1.86 -4.10	44.25 1.87 -19.48	44.07 2.25 -14.55	36.48 2.77 0.00	37.26 2.97 0.00	41.23 3.36 0.00	47.98 4.05 0.00	36.06 3.21 0.00	35.10 2.96 -3.07	66.40 2.49 -40.59	57.43 2.11 -34.90	73.38 2.07 -50.49	42.13 2.04 -19.96	64.24 2.02 -42.93	35.26 2.32 -11.79	34.94 2.70 -8.06	34.59 3.30 -0.02	35.20 3.24 0.00	35.10 3.27 0.00	36.10 3.14 0.00	33.53 2.94 0.00	34.74 2.89 -2.60	34.35 2.88 -2.71
CORTLAND_115KV_TB3 80093	23.69 0.00 0.00	22.36 0.03 0.00	22.95 0.05 0.00	27.37 0.11 0.00	33.87 0.15 0.00	34.64 0.36 0.00	38.40 0.53 0.00	44.65 0.72 0.00	33.36 0.50 0.00	29.49 0.43 0.00	23.61 0.29 0.00	20.60 0.18 0.00	20.98 0.17 0.00	20.28 0.14 0.00	19.40 0.12 0.00	21.21 0.05 0.00	24.75 0.17 -0.40	31.67 0.41 0.00	32.48 0.53 0.00	32.34 0.51 0.00	33.49 0.52 0.00	30.97 0.38 0.00	29.57 0.32 0.00	29.08 0.32 0.00
COXSACKIE__GT 23611	25.94 2.25 0.00	24.42 2.09 0.00	25.01 2.11 0.00	29.79 2.53 0.00	36.72 3.01 0.00	37.42 3.14 0.00	41.46 3.59 0.00	48.08 4.15 0.00	35.63 2.77 0.00	30.98 1.91 0.00	24.59 1.27 0.00	21.49 1.07 0.00	21.85 1.04 0.00	21.17 1.03 0.00	20.30 1.01 0.00	22.52 1.36 0.00	28.55 2.01 -2.36	34.40 3.13 0.00	35.31 3.36 0.00	35.06 3.23 0.00	36.19 3.22 0.00	33.54 2.94 0.00	31.96 2.71 0.00	31.44 2.67 0.00
CPV_VALLEY__CC1 323721	24.72 1.03 0.00	23.24 0.91 0.00	23.79 0.90 0.00	28.37 1.10 0.00	35.08 1.36 0.00	35.85 1.57 0.00	39.81 1.94 0.00	46.36 2.43 0.00	34.70 1.84 0.00	30.72 1.65 0.00	24.68 1.36 0.00	19.94 1.12 1.61	5.59 1.14 16.36	21.24 1.10 0.00	19.59 1.06 0.75	17.68 1.22 4.70	27.39 1.45 -1.75	33.17 1.91 0.00	33.81 1.86 0.00	33.78 1.95 0.00	34.87 1.90 0.00	32.30 1.71 0.00	30.92 1.67 0.00	30.32 1.56 0.00
CPV_VALLEY__CC2 323722	24.72 1.03 0.00	23.24 0.91 0.00	23.79 0.90 0.00	28.37 1.10 0.00	35.08 1.36 0.00	35.85 1.57 0.00	39.81 1.94 0.00	46.36 2.43 0.00	34.70 1.84 0.00	30.72 1.65 0.00	24.68 1.36 0.00	19.94 1.12 1.61	5.59 1.14 16.36	21.24 1.10 0.00	19.59 1.06 0.75	17.68 1.22 4.70	27.39 1.45 -1.75	33.17 1.91 0.00	33.81 1.86 0.00	33.78 1.95 0.00	34.87 1.90 0.00	32.30 1.71 0.00	30.92 1.67 0.00	30.32 1.56 0.00
CRESCENT__HYD 24018	24.94 1.25 0.00	23.47 1.15 0.00	24.05 1.15 0.00	28.63 1.37 0.00	35.31 1.59 0.00	35.88 1.59 0.00	39.76 1.89 0.00	46.22 2.29 0.00	34.53 1.67 0.00	30.46 1.39 0.00	24.39 1.08 0.00	21.33 0.91 0.00	21.66 0.85 0.00	20.96 0.82 0.00	20.08 0.80 0.00	22.21 1.05 0.00	28.00 1.28 -2.53	32.90 1.63 0.00	33.60 1.64 0.00	33.49 1.66 0.00	34.69 1.72 0.00	32.19 1.60 0.00	30.80 1.55 0.00	30.25 1.49 0.00
CRICKET__VALLEY_CC1 323756	25.11 1.42 0.00	23.60 1.27 0.00	24.16 1.27 0.00	28.82 1.55 0.00	35.62 1.90 0.00	36.38 2.09 0.00	40.39 2.52 0.00	47.15 3.22 0.00	35.33 2.47 0.00	31.26 2.19 0.00	25.10 1.78 0.00	22.77 1.50 -0.85	31.15 1.55 -8.79	21.67 1.53 0.00	21.13 1.44 -0.40	25.38 1.70 -2.52	28.36 2.03 -2.14	33.84 2.58 0.00	34.52 2.57 0.00	34.46 2.63 0.00	35.56 2.59 0.00	32.92 2.32 0.00	31.49 2.24 0.00	30.88 2.11 0.00
CRICKET__VALLEY_CC2 323757	25.11 1.42 0.00	23.60 1.27 0.00	24.16 1.27 0.00	28.82 1.55 0.00	35.62 1.90 0.00	36.38 2.09 0.00	40.39 2.52 0.00	47.15 3.22 0.00	35.33 2.47 0.00	31.26 2.19 0.00	25.10 1.78 0.00	22.77 1.50 -0.85	31.15 1.55 -8.79	21.67 1.53 0.00	21.13 1.44 -0.40	25.38 1.70 -2.52	28.36 2.03 -2.14	33.84 2.58 0.00	34.52 2.57 0.00	34.46 2.63 0.00	35.56 2.59 0.00	32.92 2.32 0.00	31.49 2.24 0.00	30.88 2.11 0.00
CRICKET__VALLEY_CC3 323758	25.11 1.42 0.00	23.60 1.27 0.00	24.16 1.27 0.00	28.82 1.55 0.00	35.62 1.90 0.00	36.38 2.09 0.00	40.39 2.52 0.00	47.15 3.22 0.00	35.33 2.47 0.00	31.26 2.19 0.00	25.10 1.78 0.00	22.77 1.50 -0.85	31.15 1.55 -8.79	21.67 1.53 0.00	21.13 1.44 -0.40	25.38 1.70 -2.52	28.36 2.03 -2.14	33.84 2.58 0.00	34.52 2.57 0.00	34.46 2.63 0.00	35.56 2.59 0.00	32.92 2.32 0.00	31.49 2.24 0.00	30.88 2.11 0.00
CRUCIBLE_METL_DRP 24180	23.27 -0.43 0.00	21.96 -0.37 0.00	22.54 -0.35 0.00	26.84 -0.43 0.00	33.23 -0.49 0.00	33.94 -0.35 0.00	37.59 -0.28 0.00	43.60 -0.33 0.00	32.59 -0.27 0.00	28.83 -0.24 0.00	23.13 -0.19 0.00	20.25 -0.17 0.00	20.63 -0.19 0.00	19.96 -0.18 0.00	19.08 -0.20 0.00	20.86 -0.30 0.00	24.14 -0.29 -0.25	30.97 -0.29 0.00	31.72 -0.23 0.00	31.56 -0.27 0.00	32.69 -0.28 0.00	30.24 -0.36 0.00	28.86 -0.39 0.00	28.39 -0.37 0.00
DAHOWA__HYDRO 323763	25.08 1.39 0.00	23.63 1.30 0.00	24.16 1.26 0.00	28.73 1.47 0.00	35.40 1.68 0.00	36.07 1.78 0.00	39.93 2.06 0.00	46.42 2.49 0.00	34.56 1.70 0.00	30.30 1.24 0.00	24.25 0.93 0.00	21.22 0.79 0.00	21.53 0.71 0.00	20.81 0.66 0.00	19.93 0.65 0.00	22.16 1.00 0.00	28.18 1.43 -2.56	33.15 1.89 0.00	33.87 1.92 0.00	33.75 1.92 0.00	34.90 1.94 0.00	32.37 1.77 0.00	30.93 1.68 0.00	30.34 1.57 0.00
DANC__LFGE 323619	22.79 -0.91 0.00	21.41 -0.92 0.00	22.16 -0.73 0.00	26.57 -0.70 0.00	32.96 -0.76 0.00	33.77 -0.51 0.00	37.30 -0.58 0.00	43.19 -0.74 0.00	32.09 -0.76 0.00	28.26 -0.80 0.00	22.53 -0.78 0.00	19.57 -0.85 0.00	19.74 -1.07 0.00	18.98 -1.17 0.00	18.08 -1.20 0.00	19.49 -1.35 0.32	19.02 -1.30 3.87	30.35 -0.91 0.00	31.12 -0.83 0.00	28.45 -1.01 2.37	31.88 -1.09 0.00	29.55 -1.04 0.00	28.21 -1.04 0.00	27.94 -0.83 0.00
DANSKAMMER__1 23586	25.36 1.66 0.00	23.81 1.48 0.00	24.38 1.49 0.00	29.07 1.81 0.00	35.97 2.26 0.00	36.80 2.52 0.00	40.91 3.03 0.00	47.71 3.78 0.00	35.72 2.86 0.00	31.61 2.55 0.00	25.38 2.07 0.00	22.15 1.73 0.00	22.55 1.74 0.00	21.84 1.70 0.00	20.91 1.62 0.00	23.03 1.87 0.00	28.48 2.25 -2.04	34.21 2.94 0.00	34.90 2.94 0.00	34.84 3.01 0.00	35.96 2.99 0.00	33.28 2.69 0.00	31.81 2.56 0.00	31.19 2.42 0.00
DANSKAMMER__2 23589	25.36 1.66 0.00	23.81 1.48 0.00	24.38 1.49 0.00	29.07 1.81 0.00	35.97 2.26 0.00	36.80 2.52 0.00	40.91 3.03 0.00	47.71 3.78 0.00	35.72 2.86 0.00	31.61 2.55 0.00	25.38 2.07 0.00	22.15 1.73 0.00	22.55 1.74 0.00	21.84 1.70 0.00	20.91 1.62 0.00	23.03 1.87 0.00	28.48 2.25 -2.04	34.21 2.94 0.00	34.90 2.94 0.00	34.84 3.01 0.00	35.96 2.99 0.00	33.28 2.69 0.00	31.81 2.56 0.00	31.19 2.42 0.00
DANSKAMMER__3 23590	25.36 1.66 0.00	23.81 1.48 0.00	24.38 1.49 0.00	29.07 1.81 0.00	35.97 2.26 0.00	36.80 2.52 0.00	40.91 3.03 0.00	47.71 3.78 0.00	35.72 2.86 0.00	31.61 2.55 0.00	25.38 2.07 0.00	22.15 1.73 0.00	22.55 1.74 0.00	21.84 1.70 0.00	20.91 1.62 0.00	23.03 1.87 0.00	28.48 2.25 -2.04	34.21 2.94 0.00	34.90 2.94 0.00	34.84 3.01 0.00	35.96 2.99 0.00	33.28 2.69 0.00	31.81 2.56 0.00	31.19 2.42 0.00

DANSKAMMER___4 23591	25.36 1.66 0.00	23.81 1.48 0.00	24.38 1.49 0.00	29.07 1.81 0.00	35.97 2.26 0.00	36.80 2.52 0.00	40.91 3.03 0.00	47.71 3.78 0.00	35.72 2.86 0.00	31.61 2.55 0.00	25.38 2.07 0.00	22.15 1.73 0.00	22.55 1.74 0.00	21.84 1.70 0.00	20.91 1.62 0.00	23.03 1.87 0.00	28.48 2.25 -2.04	34.21 2.94 0.00	34.90 2.94 0.00	34.84 3.01 0.00	35.96 2.99 0.00	33.28 2.69 0.00	31.81 2.56 0.00	31.19 2.42 0.00
DANSKAMMER___DIESEL 23592	25.36 1.66 0.00	23.81 1.48 0.00	24.38 1.49 0.00	29.07 1.81 0.00	35.97 2.26 0.00	36.80 2.52 0.00	40.91 3.03 0.00	47.71 3.78 0.00	35.72 2.87 0.00	31.61 2.55 0.00	25.38 2.06 0.00	22.15 1.73 0.00	22.55 1.74 0.00	21.84 1.70 0.00	20.91 1.62 0.00	23.03 1.87 0.00	28.48 2.25 -2.04	34.21 2.94 0.00	34.90 2.94 0.00	34.84 3.01 0.00	35.96 2.99 0.00	33.28 2.69 0.00	31.82 2.57 0.00	31.19 2.42 0.00
DARBY___SOLAR 323810	25.04 1.35 0.00	23.58 1.25 0.00	24.12 1.23 0.00	28.70 1.43 0.00	35.37 1.65 0.00	36.02 1.74 0.00	39.88 2.01 0.00	46.35 2.42 0.00	34.52 1.67 0.00	30.30 1.23 0.00	24.24 0.92 0.00	21.20 0.78 0.00	21.52 0.71 0.00	20.81 0.66 0.00	19.94 0.66 0.00	22.14 0.99 0.00	28.12 1.37 -2.56	33.09 1.82 0.00	33.80 1.84 0.00	33.68 1.85 0.00	34.85 1.88 0.00	32.31 1.71 0.00	30.89 1.64 0.00	30.30 1.54 0.00
DASHVILLE___HYD 23610	25.14 1.45 0.00	23.61 1.29 0.00	24.18 1.28 0.00	28.82 1.56 0.00	35.70 1.98 0.00	36.52 2.24 0.00	40.61 2.74 0.00	47.43 3.50 0.00	35.55 2.69 0.00	31.46 2.39 0.00	25.26 1.94 0.00	22.02 1.59 0.00	22.42 1.60 0.00	21.71 1.57 0.00	20.79 1.50 0.00	22.88 1.72 0.00	28.33 2.05 -2.09	33.98 2.72 0.00	34.65 2.70 0.00	34.63 2.80 0.00	35.73 2.77 0.00	33.08 2.48 0.00	31.62 2.37 0.00	30.97 2.21 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	31.59 3.01 -4.89	29.18 2.75 -4.10	45.16 2.78 -19.48	45.19 3.37 -14.55	37.92 4.20 0.00	38.78 4.49 0.00	43.06 5.18 0.00	50.15 6.22 0.00	37.55 4.69 0.00	36.57 4.43 -3.07	67.63 3.62 -40.69	58.40 3.08 -34.90	74.90 2.99 -51.09	43.63 2.86 -20.63	65.05 2.82 -42.94	36.04 3.10 -11.79	33.00 3.74 -5.07	36.05 4.77 -0.02	36.77 4.81 0.00	36.61 4.78 0.00	37.67 4.70 0.00	34.99 4.40 0.00	35.96 4.11 -2.60	35.51 4.04 -2.71
DELAWARE___LFGE 323621	24.38 0.69 0.00	23.00 0.67 0.00	23.57 0.68 0.00	28.10 0.84 0.00	34.83 1.11 0.00	35.51 1.23 0.00	39.39 1.52 0.00	45.84 1.91 0.00	34.28 1.42 0.00	30.32 1.25 0.00	24.30 0.98 0.00	21.21 0.79 0.00	21.61 0.79 0.00	20.91 0.77 0.00	20.01 0.73 0.00	21.99 0.83 0.00	26.08 1.00 -0.90	32.60 1.33 0.00	33.31 1.36 0.00	33.25 1.42 0.00	34.38 1.41 0.00	31.89 1.29 0.00	30.49 1.24 0.00	29.98 1.22 0.00
DERFIELD_115KV_TB7 355931	23.89 0.20 0.00	22.51 0.19 0.00	23.08 0.18 0.00	27.50 0.23 0.00	34.00 0.28 0.00	34.61 0.32 0.00	38.29 0.42 0.00	44.47 0.54 0.00	33.25 0.40 0.00	29.40 0.33 0.00	23.58 0.26 0.00	20.63 0.20 0.00	21.00 0.19 0.00	20.32 0.18 0.00	19.46 0.17 0.00	21.51 0.22 -0.14	25.99 0.29 -1.51	31.66 0.40 0.00	32.34 0.38 0.00	33.25 0.40 -1.01	33.36 0.39 0.00	30.96 0.37 0.00	29.60 0.35 0.00	29.08 0.32 0.00
DOGLEVILLE___HYD 23807	24.15 0.46 0.00	22.82 0.50 0.00	23.34 0.45 0.00	27.85 0.58 0.00	34.38 0.66 0.00	34.90 0.62 0.00	38.80 0.93 0.00	45.20 1.27 0.00	33.64 0.78 0.00	29.45 0.39 0.00	23.52 0.20 0.00	20.51 0.09 0.00	20.81 0.00 0.00	20.12 -0.02 0.00	19.30 0.02 0.00	21.56 0.26 -0.14	26.26 0.56 -1.51	32.21 0.95 0.00	32.89 0.93 0.00	33.89 1.04 -1.01	34.03 1.06 0.00	31.62 1.02 0.00	30.21 0.96 0.00	29.62 0.86 0.00
DUNKIRK___115KV_TB_200 55889	22.42 -1.27 0.00	21.09 -1.24 0.00	22.01 -0.89 0.00	26.36 -0.90 0.00	32.62 -1.10 0.00	33.87 -0.42 0.00	37.01 -0.87 0.00	42.45 -1.48 0.00	31.92 -0.94 0.00	28.34 -0.72 0.00	22.71 -0.61 0.00	19.85 -0.57 0.00	20.20 -0.62 0.00	19.43 -0.71 0.00	18.70 -0.58 0.00	20.29 -0.87 0.00	23.35 -1.19 -0.35	29.82 -1.45 0.00	30.71 -1.25 0.00	30.64 -1.19 0.00	32.02 -0.95 0.00	29.57 -1.02 0.00	28.14 -1.11 0.00	27.88 -0.89 0.00
DUNKIRK___1 23563	22.42 -1.27 0.00	21.09 -1.24 0.00	22.01 -0.89 0.00	26.36 -0.90 0.00	32.62 -1.10 0.00	33.87 -0.42 0.00	37.01 -0.87 0.00	42.45 -1.48 0.00	31.92 -0.94 0.00	28.34 -0.72 0.00	22.71 -0.61 0.00	19.85 -0.57 0.00	20.20 -0.62 0.00	19.43 -0.71 0.00	18.70 -0.58 0.00	20.29 -0.87 0.00	23.35 -1.19 -0.35	29.82 -1.45 0.00	30.71 -1.25 0.00	30.64 -1.19 0.00	32.02 -0.95 0.00	29.57 -1.02 0.00	28.14 -1.11 0.00	27.88 -0.89 0.00
DUNKIRK___2 23564	22.42 -1.27 0.00	21.09 -1.24 0.00	22.01 -0.89 0.00	26.36 -0.90 0.00	32.62 -1.10 0.00	33.87 -0.42 0.00	37.01 -0.87 0.00	42.45 -1.48 0.00	31.92 -0.94 0.00	28.34 -0.72 0.00	22.71 -0.61 0.00	19.85 -0.57 0.00	20.20 -0.62 0.00	19.43 -0.71 0.00	18.70 -0.58 0.00	20.29 -0.87 0.00	23.35 -1.19 -0.35	29.82 -1.45 0.00	30.71 -1.25 0.00	30.64 -1.19 0.00	32.02 -0.95 0.00	29.57 -1.02 0.00	28.14 -1.11 0.00	27.88 -0.89 0.00
DUNKIRK___3 23565	22.38 -1.31 0.00	21.07 -1.25 0.00	21.95 -0.95 0.00	26.31 -0.96 0.00	32.52 -1.19 0.00	33.70 -0.58 0.00	36.81 -1.07 0.00	42.25 -1.68 0.00	31.74 -1.12 0.00	28.19 -0.87 0.00	22.58 -0.74 0.00	19.75 -0.67 0.00	20.13 -0.69 0.00	19.38 -0.76 0.00	18.65 -0.64 0.00	20.25 -0.91 0.00	23.30 -1.24 -0.35	29.71 -1.55 0.00	30.58 -1.38 0.00	30.40 -1.43 0.00	31.76 -1.21 0.00	29.34 -1.26 0.00	27.93 -1.32 0.00	27.71 -1.06 0.00
DUNKIRK___4 23566	22.41 -1.28 0.00	21.09 -1.24 0.00	21.99 -0.90 0.00	26.33 -0.93 0.00	32.59 -1.13 0.00	33.80 -0.49 0.00	36.90 -0.98 0.00	42.29 -1.64 0.00	31.80 -1.06 0.00	28.25 -0.81 0.00	22.64 -0.67 0.00	19.80 -0.62 0.00	20.15 -0.66 0.00	19.41 -0.73 0.00	18.68 -0.61 0.00	20.26 -0.90 0.00	23.29 -1.24 -0.34	29.72 -1.54 0.00	30.61 -1.34 0.00	30.40 -1.43 0.00	31.76 -1.21 0.00	29.34 -1.26 0.00	27.93 -1.32 0.00	27.71 -1.06 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.34 1.65 0.00	23.79 1.47 0.00	24.34 1.45 0.00	29.01 1.75 0.00	35.90 2.19 0.00	36.72 2.44 0.00	40.81 2.93 0.00	47.61 3.68 0.00	35.70 2.84 0.00	31.64 2.58 0.00	25.44 2.12 0.00	24.57 1.78 -2.36	46.88 1.79 -24.27	21.90 1.76 0.00	22.09 1.69 -1.12	30.05 1.93 -6.96	28.53 2.29 -2.05	34.18 2.91 0.00	34.82 2.86 0.00	34.78 2.95 0.00	35.87 2.90 0.00	33.24 2.64 0.00	31.78 2.53 0.00	31.16 2.39 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.11 1.42 0.00	23.59 1.26 0.00	24.15 1.26 0.00	28.79 1.53 0.00	35.63 1.91 0.00	36.44 2.16 0.00	40.51 2.64 0.00	47.22 3.29 0.00	35.34 2.49 0.00	31.27 2.21 0.00	25.10 1.79 0.00	20.97 1.48 0.94	13.48 1.49 8.83	21.59 1.46 0.00	20.27 1.39 0.40	20.23 1.60 2.54	28.09 1.93 -1.97	33.82 2.56 0.00	34.48 2.52 0.00	34.44 2.62 0.00	35.55 2.58 0.00	32.93 2.33 0.00	31.48 2.24 0.00	30.87 2.11 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	25.37 1.68 0.00	23.87 1.54 0.00	24.33 1.44 0.00	29.02 1.75 0.00	35.96 2.25 0.00	36.82 2.53 0.00	40.92 3.04 0.00	47.84 3.91 0.00	35.89 3.03 0.00	32.32 2.70 -0.55	47.95 2.17 -22.46	46.72 1.83 -24.47	77.13 1.82 -54.50	41.76 1.75 -19.87	31.91 1.71 -10.91	31.53 2.00 -8.37	31.25 2.27 -4.79	34.98 2.97 -0.75	34.95 2.99 0.00	34.92 3.09 0.00	36.01 3.04 0.00	33.34 2.75 0.00	31.88 2.63 0.00	31.19 2.42 0.00
E179THST_13_KV_LOAD 356214	25.47 1.78 0.00	23.96 1.63 0.00	24.42 1.53 0.00	29.11 1.85 0.00	36.08 2.36 0.00	36.95 2.67 0.00	41.08 3.21 0.00	48.05 4.11 0.00	36.05 3.20 0.00	32.46 2.84 -0.55	48.07 2.29 -22.46	46.83 1.94 -24.47	77.24 1.93 -54.50	41.88 1.86 -19.87	32.01 1.81 -10.91	31.63 2.11 -8.37	31.38 2.40 -4.79	35.15 3.14 -0.75	35.12 3.17 0.00	35.10 3.27 0.00	36.19 3.22 0.00	33.50 2.91 0.00	32.02 2.77 0.00	31.33 2.56 0.00
EAST HAMPTON___GT 23717	31.86 3.28 -4.89	29.43 3.00 -4.10	45.41 3.03 -19.48	45.51 3.69 -14.55	38.33 4.61 0.00	39.21 4.92 0.00	43.57 5.69 0.00	50.73 6.79 0.00	37.85 4.99 0.00	36.96 4.83 -3.07	67.93 3.92 -40.69	58.66 3.34 -34.90	75.16 3.25 -51.10	43.88 3.11 -20.63	65.28 3.06 -42.94	36.30 3.36 -11.79	33.32 4.06 -5.07	36.51 5.23 -0.02	37.24 5.29 0.00	37.08 5.26 0.00	38.14 5.17 0.00	35.43 4.83 0.00	36.35 4.50 -2.60	35.89 4.42 -2.71
EAST RIVER___6 23660	25.36 1.67 0.00	23.81 1.48 0.00	24.34 1.44 0.00	28.98 1.72 0.00	35.93 2.21 0.00	36.79 2.51 0.00	40.95 3.08 0.00	47.89 3.96 0.00	35.96 3.10 0.00	32.43 2.83 -0.53	47.51 2.33 -21.87	46.27 1.96 -23.89	76.53 1.99 -53.74	41.44 1.95 -19.35	31.80 1.86 -10.65	31.55 2.09 -8.29	31.17 2.49 -4.50	35.12 3.16 -0.70	35.04 3.09 0.00	35.00 3.17 0.00	36.06 3.09 0.00	33.38 2.79 0.00	31.91 2.66 0.00	31.25 2.49 0.00
EAST RIVER___7 23524	25.36 1.67 0.00	23.81 1.48 0.00	24.34 1.44 0.00	28.98 1.72 0.00	35.93 2.21 0.00	36.79 2.51 0.00	40.95 3.08 0.00	47.89 3.96 0.00	35.96 3.10 0.00	32.43 2.83 -0.53	47.51 2.33 -21.87	46.27 1.96 -23.89	76.53 1.99 -53.74	41.44 1.95 -19.35	31.80 1.86 -10.65	31.55 2.09 -8.29	31.17 2.49 -4.50	35.12 3.16 -0.70	35.04 3.09 0.00	35.00 3.17 0.00	36.06 3.09 0.00	33.38 2.79 0.00	31.91 2.66 0.00	31.25 2.49 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	25.30 1.61 0.00	23.76 1.43 0.00	24.31 1.42 0.00	28.98 1.71 0.00	35.86 2.14 0.00	36.67 2.38 0.00	40.75 2.87 0.00	47.52 3.59 0.00	35.62 2.76 0.00	31.58 2.50 -0.01	25.86 2.05 -0.50	25.16 1.72 -3.02	49.21 1.73 -26.66	22.27 1.70 -0.44	22.32 1.63 -1.41	30.50 1.86 -7.49	28.50 2.21 -2.11	34.10 2.82 -0.02	34.74 2.79 0.00	34.70 2.87 0.00	35.79 2.82 0.00	33.15 2.55 0.00	31.70 2.45 0.00	31.09 2.32 0.00
EAST_HAMPTON___DIESEL 23722	31.86 3.28 -4.89	29.43 3.00 -4.10	45.42 3.04 -19.48	45.51 3.69 -14.55	38.33 4.61 0.00	39.21 4.93 0.00	43.57 5.69 0.00	50.73 6.80 0.00	37.86 5.00 0.00	36.96 4.83 -3.07	67.93 3.92 -40.69	58.67 3.34 -34.90	75.16 3.25 -51.10	43.88 3.11 -20.63	65.28 3.06 -42.94	36.30 3.36 -11.79	33.32 4.06 -5.07	36.51 5.23 -0.02	37.24 5.29 0.00	37.08 5.26 0.00	38.14 5.17 0.00	35.43 4.83 0.00	36.35 4.50 -2.60	35.89 4.42 -2.71
EAST_PULASKI___ESR 323781	22.89 -0.80 0.00	21.57 -0.76 0.00	22.21 -0.69 0.00	26.51 -0.76 0.00	32.83 -0.89 0.00	33.59 -0.70 0.00	37.13 -0.74 0.00	43.06 -0.87 0.00	32.11 -0.75 0.00	28.37 -0.70 0.00	22.70 -0.62 0.00	19.81 -0.61 0.00	20.09 -0.72 0.00	19.40 -0.74 0.00	18.51 -0.78 0.00	20.07 -0.92 0.17	21.35 -0.95 1.89	30.44 -0.82 0.00	31.21 -0.75 0.00	29.76 -0.85 1.23	32.07 -0.90 0.00	29.74 -0.85 0.00	28.37 -0.88 0.00	27.96 -0.81 0.00
EAST_RIVER___1 323558	25.38 1.69 0.00	23.83 1.50 0.00	24.36 1.46 0.00	29.01 1.74 0.00	35.94 2.23 0.00	36.80 2.51 0.00	40.92 3.05 0.00	47.86 3.92 0.00	35.92 3.06 0.00	32.39 2.79 -0.53	47.48 2.29 -21.87	46.24 1.93 -23.89	76.49 1.94 -53.74	41.40 1.91 -19.35	31.76 1.83 -10.65	31.51 2.06 -8.29	31.13 2.44 -4.50	35.07 3.11 -0.70	35.00 3.05 0.00	34.97 3.14 0.00	36.03 3.06 0.00	33.38 2.78 0.00	31.91 2.66 0.00	31.26 2.49 0.00
EAST_RIVER___2 323559	25.36 1.67 0.00	23.81 1.48 0.00	24.34 1.44 0.00	28.98 1.72 0.00	35.93 2.21 0.00	36.79 2.51 0.00	40.95 3.08 0.00	47.89 3.96 0.00	35.96 3.10 0.00	32.43 2.83 -0.53	47.51 2.33 -21.87	46.27 1.96 -23.89	76.53 1.99 -53.74	41.44 1.95 -19.35	31.80 1.86 -10.65	31.55 2.09 -8.29	31.17 2.49 -4.50	35.12 3.16 -0.70	35.04 3.09 0.00	35.00 3.17 0.00	36.06 3.09 0.00	33.38 2.79 0.00	31.91 2.66 0.00	31.25 2.49 0.00
EAST___DELAWARE_HYD 23607	24.69 1.00 0.00	23.18 0.85 0.00	23.74 0.85 0.00	28.35 1.08 0.00	35.08 1.36 0.00	35.93 1.65 0.00	40.02 2.15 0.00	46.72 2.79 0.00	34.92 2.06 0.00	30.79 1.72 0.00	24.66 1.34 0.00	20.68 0.93 0.68	14.46 0.43 6.78	20.56 0.42 0.00	19.37 0.40 0.31	19.77 0.56 1.95	26.86 0.84 -1.83	32.58 1.31 0.00	33.26 1.30 0.00	33.33 1.50 0.00	35.20 2.23 0.00	32.57 1.98 0.00	31.11 1.86 0.00	30.47 1.70 0.00
EIGHT_POINT___WT_PWR 323820	22.38 -1.31 0.00	21.56 -0.77 0.00	21.46 -1.43 0.00	26.24 -1.02 0.00	32.80 -0.92 0.00	32.99 -1.30 0.00	36.96 -0.91 0.00	43.83 -0.10 0.00	32.81 -0.04 0.00	28.81 -0.26 0.00	22.95 -0.36 0.00	19.84 -0.59 0.00	20.12 -0.69 0.00	19.34 -0.80 0.00	18.31 -0.97 0.00	19.97 -1.19 0.00	23.44 -1.22 -0.48	30.21 -1.05 0.00	31.69 -0.26 0.00	31.79 -0.04 0.00	33.09 0.13 0.00	31.00 0.07 -0.34	29.76 0.45 -0.06	29.11 0.29 -0.05
ELBRIDGE_115KV_TB2 80188	23.15 -0.54 0.00	21.86 -0.46 0.00	22.45 -0.44 0.00	26.73 -0.54 0.00	33.08 -0.64 0.00	33.78 -0.50 0.00	37.44 -0.44 0.00	43.42 -0.51 0.00	32.47 -0.39 0.00	28.72 -0.35 0.00	23.04 -0.27 0.00	20.16 -0.26 0.00	20.54 -0.27 0.00	19.87 -0.27 0.00	19.00 -0.28 0.00	20.77 -0.39 0.00	24.04 -0.41 -0.26	30.81 -0.46 0.00	31.56 -0.40 0.00	31.42 -0.41 0.00	32.55 -0.41 0.00	30.11 -0.48 0.00	28.73 -0.52 0.00	28.28 -0.48 0.00
ELEC_TRO_TEK 24086	30.59 2.00 -4.89	28.23 1.81 -4.10	44.18 1.81 -19.48	43.99 2.17 -14.55	36.40 2.69 0.00	37.17 2.88 0.00	41.22 3.34 0.00	48.00 4.06 0.00	36.06 3.20 0.00	35.09 2.95 -3.07	66.43 2.46 -40.65	57.41 2.09 -34.90	73.71 2.06 -50.84	42.49 2.01 -20.35	64.20 1.98 -42.93	35.18 2.24 -11.79	33.16 2.64 -6.33	34.56 3.27 -0.02	35.19 3.23 0.00	35.10 3.27 0.00	36.13 3.17 0.00	33.55 2.96 0.00	34.68 2.82 -2.60	34.26 2.79 -2.71
ELLENBURG_WT_PWR 323604	23.08 -0.61 0.00	21.68 -0.64 0.00	22.13 -0.76 0.00	26.29 -0.98 0.00	32.74 -0.98 0.00	33.39 -0.90 0.00	36.54 -1.34 0.00	42.04 -1.89 0.00	31.52 -1.34 0.00	27.71 -1.35 0.00	22.09 -1.23 0.00	19.37 -1.05 0.00	19.69 -1.13 0.00	18.99 -1.15 0.00	18.19 -1.10 0.00	17.28 -1.14 2.74	-3.93 -1.38 26.73	29.52 -1.75 0.00	30.27 -1.69 0.00	10.16 -1.69 19.98	31.32 -1.65 0.00	29.29 -1.30 0.00	28.08 -1.17 0.00	27.81 -0.95 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.19 -1.50 0.00	20.90 -1.43 0.00	21.75 -1.14 0.00	26.01 -1.26 0.00	32.20 -1.51 0.00	33.35 -0.94 0.00	36.31 -1.57 0.00	41.47 -2.46 0.00	31.21 -1.64 0.00	27.77 -1.29 0.00	22.31 -1.01 0.00	19.53 -0.89 0.00	19.84 -0.97 0.00	19.15 -0.99 0.00	18.44 -0.84 0.00	20.03 -1.13 0.00	22.92 -1.59 -0.33	29.19 -2.07 0.00	30.08 -1.88 0.00	29.77 -2.06 0.00	31.12 -1.85 0.00	28.74 -1.85 0.00	27.29 -1.95 0.00	27.18 -1.58 0.00
EMPIRE_CC_1 323656	24.84 1.15 0.00	23.41 1.08 0.00	23.97 1.08 0.00	28.51 1.25 0.00	35.16 1.44 0.00	35.73 1.45 0.00	39.58 1.71 0.00	46.00 2.07 0.00	34.40 1.54 0.00	30.42 1.35 0.00	24.41 1.09 0.00	21.35 0.93 0.00	21.68 0.86 0.00	20.99 0.85 0.00	20.10 0.81 0.00	22.19 1.03 0.00	27.79 1.19 -2.41	32.76 1.49 0.00	33.44 1.48 0.00	33.34 1.51 0.00	34.52 1.55 0.00	32.05 1.45 0.00	30.69 1.44 0.00	30.18 1.41 0.00
EMPIRE_CC_2 323658	24.84 1.15 0.00	23.41 1.08 0.00	23.97 1.08 0.00	28.51 1.25 0.00	35.16 1.44 0.00	35.73 1.45 0.00	39.58 1.71 0.00	46.00 2.07 0.00	34.40 1.54 0.00	30.42 1.35 0.00	24.41 1.09 0.00	21.35 0.93 0.00	21.68 0.86 0.00	20.99 0.85 0.00	20.10 0.81 0.00	22.19 1.03 0.00	27.79 1.19 -2.41	32.76 1.49 0.00	33.44 1.48 0.00	33.34 1.51 0.00	34.52 1.55 0.00	32.05 1.45 0.00	30.69 1.44 0.00	30.18 1.41 0.00
ENORWICH_115KV_TB1 80156	24.35 0.66 0.00	23.35 1.02 0.00	23.85 0.96 0.00	28.53 1.26 0.00	35.59 1.87 0.00	36.07 1.79 0.00	40.43 2.55 0.00	47.09 3.16 0.00	34.93 2.08 0.00	30.83 1.76 0.00	24.50 1.18 0.00	21.17 0.75 0.00	21.61 0.79 0.00	20.91 0.77 0.00	20.00 0.72 0.00	21.97 0.82 0.00	26.10 1.25 -0.66	33.24 1.97 0.00	34.22 2.26 0.00	34.09 2.27 0.00	35.35 2.38 0.00	32.63 2.04 0.00	31.15 1.90 0.00	30.98 2.21 0.00
ERIE_ST__34_KV_TB1-2 80199	22.70 -0.99 0.00	21.40 -0.93 0.00	22.25 -0.64 0.00	26.59 -0.67 0.00	32.91 -0.81 0.00	34.07 -0.22 0.00	37.10 -0.77 0.00	42.52 -1.42 0.00	31.98 -0.88 0.00	28.44 -0.63 0.00	22.82 -0.50 0.00	19.95 -0.47 0.00	20.33 -0.48 0.00	19.63 -0.51 0.00	18.90 -0.39 0.00	20.53 -0.63 0.00	23.54 -0.99 -0.34	29.97 -1.29 0.00	30.86 -1.09 0.00	30.53 -1.30 0.00	31.88 -1.09 0.00	29.47 -1.12 0.00	28.00 -1.25 0.00	27.85 -0.92 0.00
ERIE_WT_PWR 323693	22.30 -1.39 0.00	21.02 -1.31 0.00	21.90 -0.99 0.00	26.19 -1.08 0.00	32.42 -1.30 0.00	33.60 -0.69 0.00	36.61 -1.27 0.00	41.84 -2.09 0.00	31.53 -1.32 0.00	28.02 -1.05 0.00	22.53 -0.79 0.00	19.72 -0.71 0.00	20.04 -0.78 0.00	19.31 -0.83 0.00	18.60 -0.69 0.00	20.18 -0.98 0.00	23.12 -1.40 -0.34	29.44 -1.82 0.00	30.33 -1.63 0.00	30.04 -1.79 0.00	31.41 -1.56 0.00	27.66 -1.59 1.35	27.30 -1.70 0.25	27.22 -1.35 0.20
ESPRGFLD_115KV_TB1 80157	24.28 0.59 0.00	22.90 0.57 0.00	23.54 0.64 0.00	28.04 0.78 0.00	34.91 1.19 0.00	35.64 1.36 0.00	39.52 1.65 0.00	46.05 2.12 0.00	34.38 1.52 0.00	30.31 1.24 0.00	24.28 0.96 0.00	21.17 0.75 0.00	21.56 0.75 0.00	20.87 0.73 0.00	19.98 0.69 0.00	21.83 0.67 0.00	25.05 0.82 -0.04	32.63 1.37 0.00	33.45 1.50 0.00	33.35 1.52 0.00	34.49 1.52 0.00	32.03 1.43 0.00	30.52 1.27 0.00	30.02 1.25 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.81 0.12 0.00	22.49 0.16 0.00	23.07 0.18 0.00	27.54 0.27 0.00	34.09 0.38 0.00	34.86 0.57 0.00	38.70 0.83 0.00	45.02 1.09 0.00	33.63 0.77 0.00	29.73 0.67 0.00	23.77 0.45 0.00	20.70 0.28 0.00	21.08 0.27 0.00	20.37 0.23 0.00	19.48 0.19 0.00	21.29 0.13 0.00	24.97 0.29 -0.49	31.86 0.60 0.00	32.73 0.78 0.00	32.60 0.77 0.00	33.76 0.79 0.00	31.21 0.62 0.00	29.80 0.55 0.00	29.32 0.55 0.00
ETNA____115KV_TB2 80207	23.81 0.12 0.00	22.49 0.16 0.00	23.07 0.18 0.00	27.54 0.27 0.00	34.09 0.38 0.00	34.86 0.57 0.00	38.70 0.83 0.00	45.02 1.09 0.00	33.63 0.77 0.00	29.73 0.67 0.00	23.77 0.45 0.00	20.70 0.28 0.00	21.08 0.27 0.00	20.37 0.23 0.00	19.48 0.19 0.00	21.29 0.13 0.00	24.97 0.29 -0.49	31.86 0.60 0.00	32.73 0.78 0.00	32.60 0.77 0.00	33.76 0.79 0.00	31.21 0.62 0.00	29.80 0.55 0.00	29.32 0.55 0.00
EUCLID__115KV_TB2 356179	22.96 -0.73 0.00	21.66 -0.67 0.00	22.25 -0.65 0.00	26.48 -0.79 0.00	32.75 -0.97 0.00	33.48 -0.80 0.00	37.04 -0.84 0.00	42.94 -0.99 0.00	32.10 -0.76 0.00	28.40 -0.67 0.00	22.79 -0.53 0.00	19.96 -0.47 0.00	20.33 -0.48 0.00	19.67 -0.47 0.00	18.82 -0.46 0.00	20.56 -0.60 0.00	23.74 -0.66 -0.21	30.49 -0.77 0.00	31.23 -0.72 0.00	31.07 -0.76 0.00	32.18 -0.79 0.00	29.78 -0.81 0.00	28.42 -0.82 0.00	27.97 -0.79 0.00
E_CANADA_CAP_HY 24051	24.45 0.75 0.00	23.03 0.70 0.00	23.66 0.77 0.00	28.20 0.94 0.00	35.07 1.36 0.00	35.79 1.50 0.00	39.55 1.67 0.00	46.01 2.08 0.00	34.27 1.41 0.00	30.09 1.03 0.00	24.10 0.79 0.00	21.05 0.63 0.00	21.42 0.61 0.00	20.73 0.59 0.00	19.87 0.58 0.00	21.69 0.53 0.00	27.84 0.70 -2.96	32.57 1.31 0.00	33.39 1.44 0.00	33.24 1.41 0.00	34.40 1.44 0.00	32.04 1.45 0.00	30.53 1.28 0.00	30.02 1.26 0.00
E_CANADA_MHWK_HY 24050	24.15 0.46 0.00	22.82 0.50 0.00	23.34 0.45 0.00	27.85 0.58 0.00	34.38 0.66 0.00	34.90 0.62 0.00	38.80 0.93 0.00	45.20 1.27 0.00	33.64 0.78 0.00	29.45 0.39 0.00	23.52 0.20 0.00	20.51 0.09 0.00	20.81 0.00 0.00	20.12 -0.02 0.00	19.30 0.02 0.00	21.56 0.26 -0.14	26.26 0.56 -1.51	32.21 0.95 0.00	32.89 0.93 0.00	33.89 1.04 -1.01	34.03 1.06 0.00	31.62 1.02 0.00	30.21 0.96 0.00	29.62 0.86 0.00
E_FISHKILL__LBMP 23776	25.14 1.45 0.00	23.62 1.29 0.00	24.18 1.29 0.00	28.82 1.56 0.00	35.65 1.93 0.00	36.43 2.14 0.00	40.46 2.58 0.00	47.18 3.25 0.00	35.34 2.49 0.00	31.30 2.23 0.00	25.14 1.82 -0.71	22.67 1.53 -7.35	29.72 1.55 0.00	21.66 1.52 0.00	21.07 1.45 -0.34	24.95 1.68 -2.11	28.26 1.99 -2.08	33.82 2.55 0.00	34.48 2.52 0.00	34.43 2.60 0.00	35.53 2.56 0.00	32.91 2.32 0.00	31.48 2.23 0.00	30.87 2.11 0.00
FALCON__SEABRD_CC1 323796	23.35 -0.34 0.00	21.97 -0.36 0.00	22.41 -0.48 0.00	26.62 -0.65 0.00	33.13 -0.58 0.00	33.86 -0.43 0.00	37.05 -0.82 0.00	42.68 -1.25 0.00	32.03 -0.82 0.00	28.11 -0.95 0.00	22.37 -0.94 0.00	19.65 -0.77 0.00	19.94 -0.88 0.00	19.23 -0.91 0.00	18.41 -0.87 0.00	17.59 -0.84 2.73	-3.51 -1.02 26.67	29.95 -1.31 0.00	30.70 -1.25 0.00	10.65 -1.24 19.93	31.76 -1.21 0.00	29.70 -0.90 0.00	28.47 -0.77 0.00	28.17 -0.59 0.00
FALCON__SEABRD_CC2 323797	23.35 -0.34 0.00	21.97 -0.36 0.00	22.41 -0.48 0.00	26.62 -0.65 0.00	33.13 -0.58 0.00	33.86 -0.43 0.00	37.05 -0.82 0.00	42.68 -1.25 0.00	32.03 -0.82 0.00	28.11 -0.95 0.00	22.37 -0.94 0.00	19.65 -0.77 0.00	19.94 -0.88 0.00	19.23 -0.91 0.00	18.41 -0.87 0.00	17.59 -0.84 2.73	-3.51 -1.02 26.67	29.95 -1.31 0.00	30.70 -1.25 0.00	10.65 -1.24 19.93	31.76 -1.21 0.00	29.70 -0.90 0.00	28.47 -0.77 0.00	28.17 -0.59 0.00

FAR ROCKAWAY___4 23548	30.85 2.27 -4.89	28.48 2.05 -4.10	44.44 2.06 -19.48	44.30 2.48 -14.55	36.78 3.06 0.00	37.57 3.29 0.00	41.37 3.49 0.00	48.16 4.22 0.00	36.19 3.33 0.00	35.22 3.09 -3.07	66.49 2.58 -40.59	57.52 2.20 -34.90	73.50 2.23 -50.45	42.29 2.24 -19.91	64.43 2.22 -42.93	35.48 2.53 -11.79	35.26 2.82 -8.25	34.65 3.37 -0.02	35.27 3.31 0.00	35.16 3.33 0.00	36.17 3.20 0.00	33.60 3.01 0.00	35.04 3.19 -2.60	34.65 3.18 -2.71
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.40 1.71 0.00	23.85 1.52 0.00	24.38 1.48 0.00	29.04 1.77 0.00	35.97 2.25 0.00	36.83 2.54 0.00	40.95 3.08 0.00	47.89 3.96 0.00	35.94 3.08 0.00	32.42 2.81 -0.55	48.08 2.30 -22.46	46.82 1.93 -24.47	77.30 1.95 -54.53	41.94 1.92 -19.88	32.03 1.84 -10.91	31.56 2.07 -8.33	31.21 2.46 -4.57	35.11 3.12 -0.72	35.03 3.07 0.00	35.00 3.17 0.00	36.06 3.10 0.00	33.41 2.81 0.00	31.94 2.69 0.00	31.28 2.52 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.41 1.73 0.00	23.87 1.54 0.00	24.39 1.50 0.00	29.05 1.78 0.00	36.00 2.28 0.00	36.86 2.57 0.00	40.99 3.11 0.00	47.93 3.99 0.00	35.97 3.11 0.00	32.45 2.83 -0.55	48.10 2.32 -22.46	46.84 1.94 -24.47	77.30 1.96 -54.53	41.95 1.93 -19.88	32.04 1.85 -10.91	31.57 2.08 -8.33	31.23 2.47 -4.57	35.13 3.15 -0.72	35.06 3.10 0.00	35.02 3.19 0.00	36.10 3.13 0.00	33.43 2.84 0.00	31.96 2.71 0.00	31.31 2.54 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.39 1.69 0.00	23.84 1.51 0.00	24.37 1.47 0.00	29.02 1.75 0.00	35.96 2.24 0.00	36.82 2.54 0.00	40.94 3.07 0.00	47.87 3.94 0.00	35.93 3.07 0.00	32.41 2.80 -0.55	48.07 2.29 -22.46	46.81 1.92 -24.47	77.28 1.94 -54.53	41.93 1.91 -19.88	32.02 1.83 -10.91	31.55 2.06 -8.33	31.20 2.45 -4.57	35.09 3.11 -0.72	35.01 3.06 0.00	34.97 3.14 0.00	36.05 3.08 0.00	33.39 2.80 0.00	31.92 2.67 0.00	31.27 2.50 0.00
FARRAGUT___LBMP 323566	25.38 1.68 0.00	23.82 1.50 0.00	24.36 1.46 0.00	29.01 1.74 0.00	35.93 2.22 0.00	36.79 2.50 0.00	40.91 3.04 0.00	47.83 3.90 0.00	35.89 3.03 0.00	32.38 2.76 -0.55	48.04 2.26 -22.46	46.79 1.90 -24.47	77.26 1.92 -54.53	41.90 1.89 -19.88	32.00 1.81 -10.91	31.53 2.04 -8.33	31.17 2.42 -4.57	35.06 3.08 -0.72	34.98 3.02 0.00	34.95 3.12 0.00	36.02 3.05 0.00	33.37 2.78 0.00	31.90 2.65 0.00	31.25 2.48 0.00
FENNER___WINDPWR 24204	23.84 0.15 0.00	22.50 0.18 0.00	23.10 0.20 0.00	27.58 0.31 0.00	34.07 0.35 0.00	34.83 0.55 0.00	38.66 0.79 0.00	44.91 0.97 0.00	33.53 0.68 0.00	29.60 0.53 0.00	23.69 0.37 0.00	20.65 0.23 0.00	21.01 0.20 0.00	20.35 0.21 0.00	19.46 0.17 0.00	21.31 0.15 0.00	24.97 0.34 -0.44	31.92 0.65 0.00	32.67 0.71 0.00	32.53 0.70 0.00	33.72 0.75 0.00	31.21 0.61 0.00	29.73 0.48 0.00	29.29 0.52 0.00
FIBERTEK___ENERGY 23856	23.27 -0.43 0.00	21.96 -0.37 0.00	22.54 -0.35 0.00	26.84 -0.43 0.00	33.23 -0.49 0.00	33.94 -0.35 0.00	37.59 -0.28 0.00	43.60 -0.33 0.00	32.59 -0.27 0.00	28.83 -0.24 0.00	23.13 -0.19 0.00	20.25 -0.17 0.00	20.63 -0.19 0.00	19.96 -0.18 0.00	19.08 -0.20 0.00	20.86 -0.30 0.00	24.14 -0.29 -0.25	30.97 -0.29 0.00	31.72 -0.23 0.00	31.56 -0.27 0.00	32.69 -0.28 0.00	30.24 -0.36 0.00	28.86 -0.39 0.00	28.39 -0.37 0.00
FITZPATRICK___ 23598	22.69 -1.00 0.00	21.42 -0.91 0.00	21.98 -0.91 0.00	26.15 -1.11 0.00	32.35 -1.37 0.00	33.01 -1.28 0.00	36.50 -1.37 0.00	42.32 -1.61 0.00	31.65 -1.20 0.00	27.99 -1.07 0.00	22.47 -0.84 0.00	19.70 -0.72 0.00	20.07 -0.74 0.00	19.43 -0.71 0.00	18.59 -0.69 0.00	20.30 -0.86 0.00	23.37 -0.97 -0.16	30.07 -1.19 0.00	30.78 -1.18 0.00	30.63 -1.20 0.00	31.73 -1.24 0.00	29.40 -1.20 0.00	28.07 -1.18 0.00	27.61 -1.16 0.00
FLOWRFLD_69_KV_BK1 356044	31.03 2.45 -4.89	28.71 2.28 -4.10	44.68 2.30 -19.48	44.59 2.77 -14.55	37.17 3.45 0.00	37.93 3.65 0.00	42.12 4.25 0.00	49.09 5.16 0.00	36.89 4.03 0.00	35.89 3.76 -3.07	67.14 3.13 -40.69	57.98 2.65 -34.90	74.45 2.54 -51.09	43.20 2.43 -20.63	64.62 2.40 -42.94	35.58 2.64 -11.79	32.43 3.17 -5.08	35.27 3.99 -0.02	35.97 4.01 0.00	35.81 3.98 0.00	36.77 3.80 0.00	34.18 3.58 0.00	35.20 3.35 -2.60	34.74 3.27 -2.71
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.41 1.72 0.00	23.86 1.53 0.00	24.43 1.54 0.00	29.13 1.87 0.00	36.04 2.32 0.00	36.88 2.60 0.00	41.01 3.13 0.00	47.82 3.89 0.00	35.80 2.94 0.00	31.69 2.63 0.00	25.44 2.13 0.00	22.21 1.79 0.00	22.61 1.80 0.00	21.90 1.76 0.00	20.96 1.68 0.00	23.09 1.94 0.00	28.55 2.32 -2.04	34.30 3.03 0.00	34.99 3.03 0.00	34.92 3.10 0.00	36.03 3.07 0.00	33.36 2.76 0.00	31.88 2.64 0.00	31.25 2.49 0.00
FORT ORANGE___ 23900	24.89 1.20 0.00	23.42 1.09 0.00	23.98 1.09 0.00	28.53 1.26 0.00	35.11 1.40 0.00	35.67 1.39 0.00	39.31 1.44 0.00	45.43 1.50 0.00	33.90 1.04 0.00	30.02 0.96 0.00	24.04 0.72 0.00	21.05 0.63 0.00	21.40 0.58 0.00	20.72 0.58 0.00	19.85 0.57 0.00	21.89 0.73 0.00	27.58 0.92 -2.48	32.44 1.18 0.00	33.12 1.17 0.00	32.99 1.16 0.00	34.11 1.15 0.00	31.68 1.08 0.00	30.33 1.08 0.00	29.89 1.13 0.00
FORT_DRUM_COGEN 23780	22.93 -0.76 0.00	21.51 -0.82 0.00	22.33 -0.56 0.00	26.85 -0.42 0.00	33.38 -0.34 0.00	34.24 -0.04 0.00	37.85 -0.02 0.00	43.78 -0.15 0.00	32.43 -0.43 0.00	28.42 -0.65 0.00	22.56 -0.76 0.00	19.49 -0.93 0.00	19.57 -1.25 0.00	18.75 -1.39 0.00	17.83 -1.45 0.00	19.06 -1.56 0.54	16.20 -1.37 6.62	30.67 -0.60 0.00	31.50 -0.46 0.00	27.15 -0.72 3.95	32.18 -0.79 0.00	29.78 -0.81 0.00	28.42 -0.84 0.00	28.21 -0.56 0.00
FOX_HILLS___ESR 323835	25.49 1.80 0.00	23.94 1.61 0.00	24.45 1.56 0.00	29.14 1.88 0.00	36.12 2.40 0.00	36.99 2.71 0.00	41.11 3.24 0.00	48.02 4.09 0.00	36.05 3.19 0.00	32.52 2.85 -0.60	50.01 2.30 -24.39	48.75 1.96 -26.37	-435.40 1.89 458.10	107.27 1.77 -85.37	32.71 1.81 -11.61	31.65 2.10 -8.39	31.31 2.43 -4.70	35.17 3.15 -0.76	35.11 3.15 0.00	35.13 3.29 -0.01	96.62 3.24 -60.42	48.11 2.93 -14.58	40.41 2.83 -8.33	31.41 2.65 0.00
FPL_FAR_ROCK_GT1 24212	30.85 2.27 -4.89	28.48 2.05 -4.10	44.44 2.07 -19.48	44.30 2.48 -14.55	36.78 3.06 0.00	37.57 3.29 0.00	41.37 3.49 0.00	48.16 4.23 0.00	36.19 3.33 0.00	35.22 3.08 -3.07	66.49 2.59 -40.59	57.52 2.20 -34.90	73.50 2.23 -50.45	42.29 2.24 -19.91	64.43 2.22 -42.93	35.47 2.53 -11.79	35.26 2.82 -8.25	34.65 3.36 -0.02	35.27 3.31 0.00	35.16 3.33 0.00	36.17 3.20 0.00	33.60 3.01 0.00	35.05 3.19 -2.60	34.65 3.18 -2.71
FPL_FAR_ROCK_GT2 23815	30.85 2.27 -4.89	28.48 2.05 -4.10	44.44 2.07 -19.48	44.30 2.48 -14.55	36.78 3.06 0.00	37.57 3.29 0.00	41.37 3.49 0.00	48.16 4.23 0.00	36.19 3.33 0.00	35.22 3.08 -3.07	66.49 2.59 -40.59	57.52 2.20 -34.90	73.50 2.23 -50.45	42.29 2.24 -19.91	64.43 2.22 -42.93	35.47 2.53 -11.79	35.26 2.82 -8.25	34.65 3.36 -0.02	35.27 3.31 0.00	35.16 3.33 0.00	36.17 3.20 0.00	33.60 3.01 0.00	35.05 3.19 -2.60	34.65 3.18 -2.71

FRANKLIN_FALL_HYD 24054	23.45 -0.24 0.00	22.04 -0.29 0.00	22.55 -0.34 0.00	26.82 -0.45 0.00	33.34 -0.37 0.00	33.88 -0.41 0.00	37.12 -0.75 0.00	42.83 -1.10 0.00	32.08 -0.77 0.00	28.29 -0.78 0.00	22.60 -0.71 0.00	19.79 -0.63 0.00	20.11 -0.71 0.00	19.38 -0.76 0.00	18.55 -0.73 0.00	17.85 -0.75 2.56	-1.86 -0.90 25.14	30.22 -1.04 0.00	31.01 -0.95 0.00	12.19 -0.99 18.65	32.04 -0.93 0.00	29.89 -0.70 0.00	28.60 -0.65 0.00	28.32 -0.45 0.00
FREEPORT_EQUS_GT1 23764	30.71 2.13 -4.89	28.36 1.93 -4.10	44.31 1.93 -19.48	44.15 2.33 -14.55	36.59 2.87 0.00	37.36 3.08 0.00	41.43 3.56 0.00	48.25 4.31 0.00	36.25 3.40 0.00	35.27 3.13 -3.07	66.52 2.55 -40.66	57.48 2.16 -34.90	73.88 2.18 -50.89	42.65 2.11 -20.40	64.31 2.09 -42.94	35.30 2.36 -11.79	33.07 2.78 -6.11	34.58 3.30 -0.02	35.22 3.26 0.00	35.11 3.28 0.00	36.20 3.23 0.00	33.74 3.15 0.00	34.85 2.99 -2.60	34.44 2.97 -2.71
FREEPORT___CT2 23818	30.71 2.13 -4.89	28.36 1.93 -4.10	44.31 1.93 -19.48	44.15 2.33 -14.55	36.59 2.87 0.00	37.36 3.08 0.00	41.43 3.56 0.00	48.25 4.31 0.00	36.25 3.40 0.00	35.27 3.13 -3.07	66.52 2.55 -40.66	57.48 2.16 -34.90	73.88 2.18 -50.89	42.65 2.11 -20.40	64.31 2.09 -42.94	35.30 2.36 -11.79	33.07 2.78 -6.11	34.58 3.30 -0.02	35.22 3.26 0.00	35.11 3.28 0.00	36.20 3.23 0.00	33.74 3.15 0.00	34.85 2.99 -2.60	34.44 2.97 -2.71
FRESHKLS_33_KV_LOAD 356253	25.45 1.76 0.00	23.91 1.58 0.00	24.42 1.53 0.00	29.11 1.84 0.00	36.07 2.36 0.00	36.95 2.66 0.00	41.04 3.17 0.00	47.91 3.98 0.00	35.97 3.11 0.00	32.41 2.77 -0.58	49.16 2.22 -23.62	47.91 1.88 -25.60	-1066.06 1.80 1088.67	107.21 1.70 -85.37	32.19 1.74 -11.16	31.50 2.02 -8.32	31.12 2.37 -4.56	35.07 3.09 -0.72	35.05 3.09 0.00	35.09 3.25 -0.01	96.56 3.18 -60.42	48.05 2.88 -14.58	40.35 2.77 -8.33	31.36 2.59 0.00
FULTON COGEN____ 23766	22.90 -0.79 0.00	21.59 -0.74 0.00	22.18 -0.71 0.00	26.40 -0.87 0.00	32.67 -1.05 0.00	33.38 -0.91 0.00	36.95 -0.92 0.00	42.87 -1.06 0.00	32.03 -0.82 0.00	28.33 -0.74 0.00	22.74 -0.57 0.00	19.92 -0.50 0.00	20.28 -0.53 0.00	19.61 -0.52 0.00	18.74 -0.54 0.00	20.49 -0.67 0.00	23.58 -0.69 -0.09	30.46 -0.80 0.00	31.21 -0.75 0.00	31.04 -0.79 0.00	32.14 -0.83 0.00	29.74 -0.85 0.00	28.37 -0.88 0.00	27.89 -0.87 0.00
FULTON___LFGE 323630	25.75 2.06 0.00	24.25 1.92 0.00	24.89 1.99 0.00	29.68 2.41 0.00	36.88 3.16 0.00	37.76 3.48 0.00	42.03 4.15 0.00	48.97 5.04 0.00	35.88 3.02 0.00	30.66 1.60 0.00	24.20 0.88 0.00	21.07 0.64 0.00	21.41 0.59 0.00	20.75 0.61 0.00	19.95 0.67 0.00	22.02 0.86 -2.83	28.77 1.76 0.00	34.74 3.48 0.00	35.80 3.84 0.00	35.58 3.75 0.00	36.74 3.77 0.00	34.01 3.41 0.00	32.31 3.06 0.00	31.67 2.91 0.00
G.F.CEMENT___DRP 24184	25.11 1.42 0.00	23.67 1.34 0.00	24.16 1.27 0.00	28.70 1.44 0.00	35.30 1.58 0.00	36.02 1.73 0.00	39.82 1.94 0.00	46.29 2.36 0.00	34.46 1.60 0.00	30.20 1.14 0.00	24.18 0.87 0.00	21.18 0.75 0.00	21.44 0.62 0.00	20.73 0.58 0.00	19.86 0.58 0.00	22.11 0.95 0.00	28.17 1.41 -2.57	33.10 1.83 0.00	33.83 1.87 0.00	33.69 1.87 0.00	34.83 1.86 0.00	32.29 1.70 0.00	30.85 1.60 0.00	30.24 1.47 0.00
GARDENVILLE___LBMP 24039	22.25 -1.44 0.00	20.96 -1.37 0.00	21.83 -1.06 0.00	26.10 -1.16 0.00	32.30 -1.41 0.00	33.48 -0.81 0.00	36.46 -1.41 0.00	41.67 -2.26 0.00	31.36 -1.49 0.00	27.90 -1.17 0.00	22.40 -0.92 0.00	19.60 -0.82 0.00	19.93 -0.89 0.00	19.22 -0.92 0.00	18.51 -0.77 0.00	20.10 -1.06 0.00	23.02 -1.50 -0.33	29.33 -1.94 0.00	30.23 -1.73 0.00	29.93 -1.89 0.00	31.28 -1.69 0.00	28.90 -1.69 0.00	27.46 -1.79 0.00	27.34 -1.43 0.00
GARDNVLA_35_KV_LD 355827	22.32 -1.37 0.00	21.03 -1.30 0.00	21.91 -0.98 0.00	26.19 -1.08 0.00	32.43 -1.28 0.00	33.61 -0.67 0.00	36.61 -1.27 0.00	41.88 -2.06 0.00	31.53 -1.33 0.00	28.04 -1.03 0.00	22.53 -0.79 0.00	19.71 -0.71 0.00	20.04 -0.78 0.00	19.32 -0.82 0.00	18.60 -0.68 0.00	20.20 -0.96 0.00	23.14 -1.38 -0.34	29.48 -1.79 0.00	30.39 -1.57 0.00	30.06 -1.77 0.00	31.42 -1.55 0.00	29.02 -1.57 0.00	27.55 -1.70 0.00	27.42 -1.34 0.00
GELCKHM___115KV_LOAD 80723	23.08 -0.61 0.00	21.77 -0.56 0.00	22.36 -0.53 0.00	26.62 -0.65 0.00	32.93 -0.79 0.00	33.67 -0.62 0.00	37.25 -0.62 0.00	43.19 -0.73 0.00	32.29 -0.56 0.00	28.57 -0.50 0.00	22.92 -0.40 0.00	20.07 -0.35 0.00	20.45 -0.36 0.00	19.79 -0.35 0.00	18.93 -0.36 0.00	20.68 -0.48 0.00	23.90 -0.51 -0.22	30.68 -0.59 0.00	31.43 -0.53 0.00	31.26 -0.57 0.00	32.38 -0.59 0.00	29.96 -0.63 0.00	28.59 -0.66 0.00	28.14 -0.62 0.00
GENERAL___MILLS 23808	22.31 -1.39 0.00	21.02 -1.31 0.00	21.89 -1.00 0.00	26.17 -1.09 0.00	32.40 -1.32 0.00	33.58 -0.71 0.00	36.57 -1.31 0.00	41.82 -2.11 0.00	31.47 -1.39 0.00	27.99 -1.08 0.00	22.49 -0.83 0.00	19.67 -0.75 0.00	20.00 -0.81 0.00	19.29 -0.85 0.00	18.57 -0.71 0.00	20.17 -0.99 0.00	23.10 -1.42 -0.34	29.43 -1.84 0.00	30.33 -1.63 0.00	30.03 -1.80 0.00	31.37 -1.60 0.00	28.98 -1.61 0.00	27.52 -1.73 0.00	27.39 -1.37 0.00
GE_PLASTICS___DRP 24183	24.69 0.99 0.00	23.23 0.90 0.00	23.79 0.90 0.00	28.33 1.06 0.00	34.94 1.22 0.00	35.57 1.28 0.00	39.34 1.47 0.00	45.61 1.68 0.00	34.09 1.23 0.00	30.16 1.10 0.00	24.17 0.85 0.00	21.17 0.74 0.00	21.52 0.71 0.00	20.84 0.70 0.00	19.96 0.67 0.00	21.98 0.82 0.00	27.67 1.00 -2.48	32.53 1.27 0.00	33.21 1.25 0.00	33.09 1.27 0.00	34.23 1.26 0.00	31.78 1.18 0.00	30.40 1.15 0.00	29.93 1.16 0.00
GILBOA___1 23756	24.53 0.84 0.00	23.09 0.76 0.00	23.65 0.76 0.00	28.19 0.93 0.00	34.84 1.12 0.00	35.52 1.23 0.00	39.36 1.48 0.00	45.78 1.85 0.00	34.25 1.39 0.00	30.30 1.23 0.00	24.30 0.99 0.00	21.24 0.82 0.00	21.62 0.81 0.00	20.93 0.79 0.00	20.04 0.76 0.00	22.05 0.89 0.00	27.17 1.02 -1.97	32.54 1.28 0.00	33.18 1.23 0.00	33.16 1.33 0.00	34.29 1.32 0.00	31.88 1.29 0.00	30.50 1.26 0.00	29.96 1.20 0.00
GILBOA___2 23757	24.53 0.84 0.00	23.09 0.76 0.00	23.65 0.76 0.00	28.19 0.93 0.00	34.84 1.12 0.00	35.52 1.23 0.00	39.36 1.48 0.00	45.78 1.85 0.00	34.25 1.39 0.00	30.30 1.23 0.00	24.30 0.99 0.00	21.24 0.82 0.00	21.62 0.81 0.00	20.93 0.79 0.00	20.04 0.76 0.00	22.05 0.89 0.00	27.17 1.02 -1.97	32.54 1.28 0.00	33.18 1.23 0.00	33.16 1.33 0.00	34.29 1.32 0.00	31.88 1.29 0.00	30.50 1.26 0.00	29.96 1.20 0.00
GILBOA___3 23758	24.53 0.84 0.00	23.09 0.76 0.00	23.65 0.76 0.00	28.19 0.93 0.00	34.84 1.12 0.00	35.52 1.23 0.00	39.36 1.48 0.00	45.78 1.85 0.00	34.25 1.39 0.00	30.30 1.23 0.00	24.30 0.99 0.00	21.24 0.82 0.00	21.62 0.81 0.00	20.93 0.79 0.00	20.04 0.76 0.00	22.05 0.89 0.00	27.17 1.02 -1.97	32.54 1.28 0.00	33.18 1.23 0.00	33.16 1.33 0.00	34.29 1.32 0.00	31.88 1.29 0.00	30.50 1.26 0.00	29.96 1.20 0.00

GILBOA___4 23759	24.53 0.84 0.00	23.09 0.76 0.00	23.65 0.76 0.00	28.19 0.93 0.00	34.84 1.12 0.00	35.52 1.23 0.00	39.36 1.48 0.00	45.78 1.85 0.00	34.25 1.39 0.00	30.30 1.23 0.00	24.30 0.99 0.00	21.24 0.82 0.00	21.62 0.81 0.00	20.93 0.79 0.00	20.04 0.76 0.00	22.05 0.89 0.00	27.17 1.02 -1.97	32.54 1.28 0.00	33.18 1.23 0.00	33.16 1.33 0.00	34.29 1.32 0.00	31.88 1.29 0.00	30.50 1.26 0.00	29.96 1.20 0.00
GILBOA____ 23599	24.53 0.84 0.00	23.09 0.76 0.00	23.65 0.76 0.00	28.19 0.92 0.00	34.84 1.12 0.00	35.52 1.23 0.00	39.36 1.48 0.00	45.78 1.85 0.00	34.26 1.40 0.00	30.30 1.24 0.00	24.30 0.99 0.00	21.24 0.82 0.00	21.62 0.81 0.00	20.93 0.79 0.00	20.04 0.76 0.00	22.05 0.89 0.00	27.17 1.02 -1.97	32.54 1.28 0.00	33.18 1.23 0.00	33.16 1.33 0.00	34.29 1.32 0.00	31.88 1.29 0.00	30.50 1.26 0.00	29.96 1.20 0.00
GINNA____ 23603	21.81 -1.89 0.00	20.54 -1.79 0.00	21.20 -1.70 0.00	25.28 -1.99 0.00	31.29 -2.43 0.00	32.21 -2.08 0.00	35.48 -2.39 0.00	40.91 -3.02 0.00	30.65 -2.20 0.00	27.14 -1.93 0.00	21.74 -1.58 0.00	19.03 -1.39 0.00	19.34 -1.48 0.00	18.71 -1.43 0.00	17.95 -1.34 0.00	19.58 -1.57 0.00	22.63 -1.83 -0.27	28.97 -2.29 0.00	29.75 -2.21 0.00	29.49 -2.34 0.00	30.62 -2.34 0.00	27.84 -2.31 0.44	26.79 -2.38 0.08	26.47 -2.23 0.07
GLEN PARK____ 23778	23.00 -0.69 0.00	21.58 -0.75 0.00	22.40 -0.49 0.00	26.93 -0.34 0.00	33.48 -0.24 0.00	34.38 0.09 0.00	38.04 0.16 0.00	44.00 0.07 0.00	32.57 -0.29 0.00	28.48 -0.59 0.00	22.57 -0.75 0.00	19.48 -0.94 0.00	19.56 -1.26 0.00	18.74 -1.41 0.00	17.82 -1.46 0.00	19.08 -1.57 0.51	16.58 -1.36 6.25	30.82 -0.44 0.00	31.68 -0.27 0.00	27.55 -0.54 3.74	32.37 -0.60 0.00	29.95 -0.64 0.00	28.55 -0.70 0.00	28.32 -0.45 0.00
GLENDALE_27_KV_LOAD 356172	25.53 1.84 0.00	23.98 1.66 0.00	24.49 1.60 0.00	29.18 1.91 0.00	36.16 2.45 0.00	37.05 2.76 0.00	41.20 3.32 0.00	48.19 4.26 0.00	36.19 3.33 0.00	32.71 3.02 -0.62	51.10 2.45 -25.33	49.79 2.07 -27.29	340.39 2.07 -317.51	107.50 1.99 -85.37	33.39 1.95 -12.15	31.86 2.21 -8.49	31.63 2.56 -4.89	35.36 3.29 -0.81	35.24 3.29 0.00	35.21 3.38 0.00	36.32 3.35 0.00	33.64 3.05 0.00	32.15 2.90 0.00	31.47 2.71 0.00
GLENWOOD_IC_1_G5 23712	30.71 2.13 -4.89	28.36 1.93 -4.10	44.30 1.93 -19.48	44.13 2.32 -14.55	36.58 2.86 0.00	37.35 3.06 0.00	41.16 3.29 0.00	47.95 4.02 0.00	36.04 3.18 0.00	35.10 2.96 -3.07	66.53 2.55 -40.67	57.49 2.17 -34.90	73.99 2.21 -50.96	42.71 2.08 -20.49	64.35 2.13 -42.94	35.32 2.37 -11.79	32.52 2.63 -5.71	34.55 3.27 -0.02	35.18 3.22 0.00	35.08 3.26 0.00	36.11 3.15 0.00	33.53 2.93 0.00	34.66 2.81 -2.60	34.44 2.97 -2.71
GLENWOOD_IC_2_G1 23688	30.64 2.06 -4.89	28.29 1.86 -4.10	44.24 1.86 -19.48	44.06 2.24 -14.55	36.50 2.78 0.00	37.26 2.98 0.00	41.26 3.38 0.00	48.07 4.14 0.00	36.12 3.26 0.00	35.15 3.01 -3.07	66.53 2.53 -40.68	57.47 2.15 -34.90	74.01 2.14 -51.06	42.79 2.07 -20.59	64.27 2.06 -42.93	35.25 2.31 -11.79	32.11 2.68 -5.25	34.62 3.33 -0.02	35.25 3.30 0.00	35.16 3.33 0.00	36.20 3.23 0.00	33.61 3.02 0.00	34.74 2.88 -2.60	34.35 2.88 -2.71
GLENWOOD_IC_3_G1 23689	30.64 2.06 -4.89	28.29 1.86 -4.10	44.24 1.86 -19.48	44.06 2.24 -14.55	36.50 2.78 0.00	37.26 2.98 0.00	41.26 3.38 0.00	48.07 4.14 0.00	36.12 3.26 0.00	35.15 3.01 -3.07	66.53 2.53 -40.68	57.47 2.15 -34.90	74.01 2.14 -51.06	42.79 2.07 -20.59	64.27 2.06 -42.93	35.25 2.31 -11.79	32.11 2.68 -5.25	34.62 3.33 -0.02	35.25 3.30 0.00	35.16 3.33 0.00	36.20 3.23 0.00	33.61 3.02 0.00	34.74 2.88 -2.60	34.35 2.88 -2.71
GLENWOOD___4 23550	30.71 2.13 -4.89	28.36 1.93 -4.10	44.30 1.93 -19.48	44.13 2.32 -14.55	36.58 2.86 0.00	37.35 3.07 0.00	41.26 3.38 0.00	48.07 4.14 0.00	36.13 3.27 0.00	35.17 3.03 -3.07	66.56 2.57 -40.67	57.52 2.20 -34.90	74.00 2.22 -50.96	42.73 2.11 -20.49	64.35 2.13 -42.94	35.32 2.38 -11.79	32.58 2.69 -5.71	34.63 3.34 -0.02	35.26 3.31 0.00	35.17 3.34 0.00	36.20 3.23 0.00	33.61 3.02 0.00	34.74 2.88 -2.60	34.44 2.97 -2.71
GLENWOOD___5 23614	30.71 2.13 -4.89	28.36 1.93 -4.10	44.30 1.93 -19.48	44.13 2.32 -14.55	36.58 2.86 0.00	37.35 3.07 0.00	41.26 3.38 0.00	48.07 4.14 0.00	36.13 3.27 0.00	35.17 3.03 -3.07	66.56 2.57 -40.67	57.52 2.20 -34.90	74.00 2.22 -50.96	42.73 2.11 -20.49	64.35 2.13 -42.94	35.32 2.38 -11.79	32.58 2.69 -5.71	34.63 3.34 -0.02	35.26 3.31 0.00	35.17 3.34 0.00	36.20 3.23 0.00	33.61 3.02 0.00	34.74 2.88 -2.60	34.44 2.97 -2.71
GLOBAL GREEN_PORT_GT1 23814	31.81 3.23 -4.89	29.37 2.95 -4.10	45.36 2.99 -19.48	45.45 3.63 -14.55	38.26 4.54 0.00	39.13 4.84 0.00	43.47 5.60 0.00	50.63 6.70 0.00	37.85 5.00 0.00	36.91 4.77 -3.07	67.88 3.87 -40.69	58.62 3.30 -34.90	75.11 3.20 -51.10	43.83 3.07 -20.63	65.24 3.02 -42.94	36.26 3.31 -11.79	33.28 4.02 -5.07	36.45 5.17 -0.02	37.19 5.23 0.00	37.03 5.20 0.00	38.10 5.13 0.00	35.37 4.78 0.00	36.30 4.45 -2.60	35.84 4.37 -2.71
GLOBE___DSASP 323697	21.60 -2.09 0.00	20.32 -2.01 0.00	21.14 -1.75 0.00	25.25 -2.02 0.00	31.24 -2.48 0.00	32.37 -1.91 0.00	35.15 -2.72 0.00	39.84 -4.09 0.00	29.94 -2.91 0.00	26.68 -2.39 0.00	21.46 -1.86 0.00	18.81 -1.61 0.00	19.07 -1.75 0.00	18.45 -1.69 0.00	17.77 -1.51 0.00	19.28 -1.87 0.00	22.00 -2.50 -0.32	27.96 -3.30 0.00	28.81 -3.15 0.00	28.45 -3.38 0.00	29.75 -3.22 0.00	27.53 -3.06 0.00	26.11 -3.14 0.00	26.07 -2.69 0.00
GOETHSLN___LBMP 323567	25.25 1.56 0.00	23.70 1.37 0.00	24.22 1.33 0.00	28.85 1.59 0.00	35.74 2.03 0.00	36.60 2.32 0.00	40.70 2.83 0.00	47.59 3.66 0.00	35.71 2.85 0.00	32.20 2.59 -0.55	47.89 2.12 -22.46	46.65 1.76 -24.47	68.29 1.77 -45.70	41.78 1.76 -19.88	31.87 1.68 -10.91	31.39 1.90 -8.33	31.02 2.27 -4.57	34.87 2.89 -0.72	34.78 2.83 0.00	34.75 2.92 0.00	35.80 2.84 0.00	33.17 2.58 0.00	31.73 2.48 0.00	31.08 2.32 0.00
GOLAH___69_KV_TB 1_2 80279	22.86 -0.83 0.00	21.53 -0.80 0.00	22.28 -0.61 0.00	26.58 -0.68 0.00	32.91 -0.81 0.00	33.96 -0.33 0.00	37.32 -0.55 0.00	42.84 -1.09 0.00	32.14 -0.72 0.00	28.46 -0.61 0.00	22.77 -0.55 0.00	19.92 -0.51 0.00	20.24 -0.57 0.00	19.58 -0.55 0.00	18.80 -0.48 0.00	20.48 -0.67 0.00	23.60 -0.87 -0.28	30.26 -1.00 0.00	31.14 -0.81 0.00	30.83 -1.00 0.00	32.07 -0.90 0.00	29.60 -1.00 0.00	28.10 -1.15 0.00	27.84 -0.92 0.00
GOODYEAR_LAKE_HYD 323669	24.41 0.72 0.00	23.03 0.71 0.00	23.64 0.74 0.00	28.16 0.90 0.00	34.98 1.26 0.00	35.70 1.41 0.00	39.63 1.75 0.00	46.16 2.23 0.00	34.51 1.65 0.00	30.50 1.43 0.00	24.44 1.12 0.00	21.31 0.89 0.00	21.71 0.89 0.00	21.00 0.86 0.00	20.10 0.82 0.00	22.05 0.90 0.00	25.91 1.07 -0.66	32.79 1.53 0.00	33.56 1.60 0.00	33.48 1.66 0.00	34.62 1.65 0.00	32.11 1.51 0.00	30.65 1.40 0.00	30.13 1.37 0.00

GOUDEY___1 345031	23.53 -0.16 0.00	22.22 -0.11 0.00	22.81 -0.08 0.00	27.25 -0.02 0.00	33.69 -0.03 0.00	34.43 0.15 0.00	38.08 0.20 0.00	44.33 0.40 0.00	33.15 0.30 0.00	29.32 0.25 0.00	23.46 0.15 0.00	20.48 0.05 0.00	20.91 0.09 0.00	20.19 0.05 0.00	19.32 0.04 0.00	21.17 0.01 0.00	24.92 0.05 -0.69	31.41 0.15 0.00	32.21 0.25 0.00	32.09 0.26 0.00	33.25 0.28 0.00	30.78 0.19 0.00	29.46 0.22 0.00	28.96 0.19 0.00
GOUDEY___7 23579	23.54 -0.15 0.00	22.23 -0.10 0.00	22.83 -0.07 0.00	27.26 0.00 0.00	33.72 0.00 0.00	34.46 0.18 0.00	38.11 0.24 0.00	44.37 0.44 0.00	33.18 0.32 0.00	29.35 0.28 0.00	23.49 0.17 0.00	20.49 0.07 0.00	20.93 0.11 0.00	20.20 0.07 0.00	19.34 0.06 0.00	21.19 0.03 0.00	24.95 0.08 -0.69	31.44 0.17 0.00	32.24 0.28 0.00	32.12 0.29 0.00	33.28 0.32 0.00	30.81 0.22 0.00	29.49 0.24 0.00	28.98 0.22 0.00
GOUDEY___8 23580	23.53 -0.16 0.00	22.22 -0.11 0.00	22.81 -0.08 0.00	27.25 -0.02 0.00	33.69 -0.03 0.00	34.43 0.15 0.00	38.08 0.20 0.00	44.33 0.40 0.00	33.15 0.30 0.00	29.32 0.25 0.00	23.46 0.15 0.00	20.48 0.05 0.00	20.91 0.09 0.00	20.19 0.05 0.00	19.32 0.04 0.00	21.17 0.01 0.00	24.92 0.05 -0.69	31.41 0.15 0.00	32.21 0.25 0.00	32.09 0.26 0.00	33.25 0.28 0.00	30.78 0.19 0.00	29.46 0.22 0.00	28.96 0.19 0.00
GOWANUS_GT1_1 24077	25.56 1.87 0.00	24.01 1.68 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.18 4.25 0.00	36.18 3.33 0.00	32.67 2.99 -0.62	51.07 2.42 -25.33	49.78 2.07 -27.29	340.32 2.00 -317.51	107.37 1.86 -85.37	33.35 1.91 -12.15	31.85 2.20 -8.49	31.62 2.55 -4.89	35.37 3.29 -0.81	35.24 3.29 0.00	35.24 3.41 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.58	40.51 2.93 -8.33	31.50 2.74 0.00
GOWANUS_GT1_2 24078	25.56 1.87 0.00	24.01 1.68 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.18 4.25 0.00	36.18 3.33 0.00	32.67 2.99 -0.62	51.07 2.42 -25.33	49.78 2.07 -27.29	340.32 2.00 -317.51	107.37 1.86 -85.37	33.35 1.91 -12.15	31.85 2.20 -8.49	31.62 2.55 -4.89	35.37 3.29 -0.81	35.24 3.29 0.00	35.24 3.41 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.58	40.51 2.93 -8.33	31.50 2.74 0.00
GOWANUS_GT1_3 24079	25.56 1.87 0.00	24.01 1.68 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.18 4.25 0.00	36.18 3.33 0.00	32.67 2.99 -0.62	51.07 2.42 -25.33	49.78 2.07 -27.29	340.32 2.00 -317.51	107.37 1.86 -85.37	33.35 1.91 -12.15	31.85 2.20 -8.49	31.62 2.55 -4.89	35.37 3.29 -0.81	35.24 3.29 0.00	35.24 3.41 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.58	40.51 2.93 -8.33	31.50 2.74 0.00
GOWANUS_GT1_4 24080	25.56 1.87 0.00	24.01 1.68 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.18 4.25 0.00	36.18 3.33 0.00	32.67 2.99 -0.62	51.07 2.42 -25.33	49.78 2.07 -27.29	340.32 2.00 -317.51	107.37 1.86 -85.37	33.35 1.91 -12.15	31.85 2.20 -8.49	31.62 2.55 -4.89	35.37 3.29 -0.81	35.24 3.29 0.00	35.24 3.41 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.58	40.51 2.93 -8.33	31.50 2.74 0.00
GOWANUS_GT1_5 24084	25.56 1.87 0.00	24.01 1.68 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.18 4.25 0.00	36.18 3.33 0.00	32.67 2.99 -0.62	51.07 2.42 -25.33	49.78 2.07 -27.29	340.32 2.00 -317.51	107.37 1.86 -85.37	33.35 1.91 -12.15	31.85 2.20 -8.49	31.62 2.55 -4.89	35.37 3.29 -0.81	35.24 3.29 0.00	35.24 3.41 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.58	40.51 2.93 -8.33	31.50 2.74 0.00
GOWANUS_GT1_6 24111	25.56 1.87 0.00	24.01 1.68 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.18 4.25 0.00	36.18 3.33 0.00	32.67 2.99 -0.62	51.07 2.42 -25.33	49.78 2.07 -27.29	340.32 2.00 -317.51	107.37 1.86 -85.37	33.35 1.91 -12.15	31.85 2.20 -8.49	31.62 2.55 -4.89	35.37 3.29 -0.81	35.24 3.29 0.00	35.24 3.41 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.58	40.51 2.93 -8.33	31.50 2.74 0.00
GOWANUS_GT1_7 24112	25.56 1.87 0.00	24.01 1.68 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.18 4.25 0.00	36.18 3.33 0.00	32.67 2.99 -0.62	51.07 2.42 -25.33	49.78 2.07 -27.29	340.32 2.00 -317.51	107.37 1.86 -85.37	33.35 1.91 -12.15	31.85 2.20 -8.49	31.62 2.55 -4.89	35.37 3.29 -0.81	35.24 3.29 0.00	35.24 3.41 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.58	40.51 2.93 -8.33	31.50 2.74 0.00
GOWANUS_GT1_8 24113	25.56 1.87 0.00	24.01 1.68 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.18 4.25 0.00	36.18 3.33 0.00	32.67 2.99 -0.62	51.07 2.42 -25.33	49.78 2.07 -27.29	340.32 2.00 -317.51	107.37 1.86 -85.37	33.35 1.91 -12.15	31.85 2.20 -8.49	31.62 2.55 -4.89	35.37 3.29 -0.81	35.24 3.29 0.00	35.24 3.41 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.58	40.51 2.93 -8.33	31.50 2.74 0.00
GOWANUS_GT2_1 24114	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.98 -0.62	51.01 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
GOWANUS_GT2_2 24115	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.98 -0.62	51.01 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
GOWANUS_GT2_3 24116	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.98 -0.62	51.01 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
GOWANUS_GT2_4 24117	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.98 -0.62	51.01 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00

GOWANUS_GT2_5 24118	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.98 -0.62	51.01 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
GOWANUS_GT2_6 24119	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.98 -0.62	51.01 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
GOWANUS_GT2_7 24120	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.98 -0.62	51.01 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
GOWANUS_GT2_8 24121	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.98 -0.62	51.01 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
GOWANUS_GT3_1 24122	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
GOWANUS_GT3_2 24123	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
GOWANUS_GT3_3 24124	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
GOWANUS_GT3_4 24125	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
GOWANUS_GT3_5 24126	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
GOWANUS_GT3_6 24127	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
GOWANUS_GT3_7 24128	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
GOWANUS_GT3_8 24129	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
GOWANUS_GT4_1 24130	25.56 1.87 0.00	24.01 1.68 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.18 4.25 0.00	36.18 3.33 0.00	32.67 2.98 -0.62	51.07 2.42 -25.33	49.78 2.07 -27.29	340.32 2.00 -317.51	107.37 1.86 -85.37	33.35 1.91 -12.15	31.85 2.20 -8.49	31.62 2.55 -4.89	35.37 3.29 -0.81	35.24 3.29 0.00	35.24 3.41 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.58	40.51 2.93 -8.33	31.50 2.74 0.00
GOWANUS_GT4_2 24131	25.56 1.87 0.00	24.01 1.68 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.18 4.25 0.00	36.18 3.33 0.00	32.67 2.98 -0.62	51.07 2.42 -25.33	49.78 2.07 -27.29	340.32 2.00 -317.51	107.37 1.86 -85.37	33.35 1.91 -12.15	31.85 2.20 -8.49	31.62 2.55 -4.89	35.37 3.29 -0.81	35.24 3.29 0.00	35.24 3.41 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.58	40.51 2.93 -8.33	31.50 2.74 0.00
GOWANUS_GT4_3 24132	25.56 1.87 0.00	24.01 1.68 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.18 4.25 0.00	36.18 3.33 0.00	32.67 2.98 -0.62	51.07 2.42 -25.33	49.78 2.07 -27.29	340.32 2.00 -317.51	107.37 1.86 -85.37	33.35 1.91 -12.15	31.85 2.20 -8.49	31.62 2.55 -4.89	35.37 3.29 -0.81	35.24 3.29 0.00	35.24 3.41 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.58	40.51 2.93 -8.33	31.50 2.74 0.00

GOWANUS_GT4_4 24133	25.56 1.87 0.00	24.01 1.68 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.18 4.25 0.00	36.18 3.33 0.00	32.67 2.98 -0.62	51.07 2.42 -25.33	49.78 2.07 -27.29	340.32 2.00 -317.51	107.37 1.86 -85.37	33.35 1.91 -12.15	31.85 2.20 -8.49	31.62 2.55 -4.89	35.37 3.29 -0.81	35.24 3.29 0.00	35.24 3.41 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.58	40.51 2.93 -8.33	31.50 2.74 0.00
GOWANUS_GT4_5 24134	25.56 1.87 0.00	24.01 1.68 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.18 4.25 0.00	36.18 3.33 0.00	32.67 2.98 -0.62	51.07 2.42 -25.33	49.78 2.07 -27.29	340.32 2.00 -317.51	107.37 1.86 -85.37	33.35 1.91 -12.15	31.85 2.20 -8.49	31.62 2.55 -4.89	35.37 3.29 -0.81	35.24 3.29 0.00	35.24 3.41 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.58	40.51 2.93 -8.33	31.50 2.74 0.00
GOWANUS_GT4_6 24135	25.56 1.87 0.00	24.01 1.68 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.18 4.25 0.00	36.18 3.33 0.00	32.67 2.98 -0.62	51.07 2.42 -25.33	49.78 2.07 -27.29	340.32 2.00 -317.51	107.37 1.86 -85.37	33.35 1.91 -12.15	31.85 2.20 -8.49	31.62 2.55 -4.89	35.37 3.29 -0.81	35.24 3.29 0.00	35.24 3.41 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.58	40.51 2.93 -8.33	31.50 2.74 0.00
GOWANUS_GT4_7 24136	25.56 1.87 0.00	24.01 1.68 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.18 4.25 0.00	36.18 3.33 0.00	32.67 2.98 -0.62	51.07 2.42 -25.33	49.78 2.07 -27.29	340.32 2.00 -317.51	107.37 1.86 -85.37	33.35 1.91 -12.15	31.85 2.20 -8.49	31.62 2.55 -4.89	35.37 3.29 -0.81	35.24 3.29 0.00	35.24 3.41 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.58	40.51 2.93 -8.33	31.50 2.74 0.00
GOWANUS_GT4_8 24137	25.56 1.87 0.00	24.01 1.68 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.18 4.25 0.00	36.18 3.33 0.00	32.67 2.98 -0.62	51.07 2.42 -25.33	49.78 2.07 -27.29	340.32 2.00 -317.51	107.37 1.86 -85.37	33.35 1.91 -12.15	31.85 2.20 -8.49	31.62 2.55 -4.89	35.37 3.29 -0.81	35.24 3.29 0.00	35.24 3.41 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.58	40.51 2.93 -8.33	31.50 2.74 0.00
GREENBSH_115KV_TB3 55895	24.75 1.06 0.00	23.29 0.96 0.00	23.84 0.94 0.00	28.37 1.11 0.00	34.92 1.21 0.00	35.52 1.24 0.00	39.26 1.39 0.00	45.41 1.47 0.00	33.94 1.08 0.00	30.08 1.01 0.00	24.10 0.79 0.00	21.13 0.71 0.00	21.48 0.66 0.00	20.79 0.65 0.00	19.91 0.63 0.00	21.94 0.78 0.00	27.61 0.94 -2.49	32.42 1.16 0.00	33.08 1.13 0.00	32.96 1.13 0.00	34.08 1.11 0.00	31.65 1.05 0.00	30.28 1.03 0.00	29.86 1.10 0.00
GREENDGE_115KV_TB5 80291	23.26 -0.44 0.00	21.99 -0.34 0.00	22.54 -0.36 0.00	27.01 -0.26 0.00	33.21 -0.51 0.00	34.06 -0.22 0.00	37.75 -0.12 0.00	44.07 0.14 0.00	32.94 0.08 0.00	29.15 0.09 0.00	23.32 0.00 0.00	20.22 -0.21 0.00	20.61 -0.21 0.00	19.91 -0.23 0.00	18.99 -0.30 0.00	20.75 -0.41 0.00	24.25 -0.39 -0.45	30.94 -0.32 0.00	31.98 0.03 0.00	31.85 0.02 0.00	33.02 0.05 0.00	30.55 -0.05 0.00	29.28 0.03 0.00	28.80 0.03 0.00
GREENIDGE___3 23582	23.26 -0.44 0.00	21.99 -0.34 0.00	22.54 -0.36 0.00	27.01 -0.26 0.00	33.21 -0.51 0.00	34.06 -0.22 0.00	37.75 -0.12 0.00	44.07 0.14 0.00	32.94 0.08 0.00	29.15 0.09 0.00	23.32 0.00 0.00	20.22 -0.21 0.00	20.61 -0.21 0.00	19.91 -0.23 0.00	18.99 -0.30 0.00	20.75 -0.41 0.00	24.25 -0.39 -0.45	30.94 -0.32 0.00	31.98 0.03 0.00	31.85 0.02 0.00	33.02 0.05 0.00	30.55 -0.05 0.00	29.28 0.03 0.00	28.80 0.03 0.00
GREENIDGE___4 23583	23.25 -0.44 0.00	21.99 -0.34 0.00	22.54 -0.35 0.00	27.01 -0.26 0.00	33.20 -0.52 0.00	34.06 -0.23 0.00	37.75 -0.12 0.00	44.07 0.14 0.00	32.94 0.09 0.00	29.15 0.09 0.00	23.32 0.00 0.00	20.21 -0.21 0.00	20.59 -0.22 0.00	19.90 -0.24 0.00	18.98 -0.30 0.00	20.75 -0.41 0.00	24.26 -0.38 -0.45	30.94 -0.32 0.00	31.99 0.03 0.00	31.85 0.02 0.00	33.02 0.05 0.00	31.07 -0.05 -0.52	29.38 0.04 -0.10	28.88 0.04 -0.08
GREENLWN_69_KV_BK 3 55738	30.62 2.04 -4.89	28.28 1.85 -4.10	44.24 1.86 -19.48	44.06 2.24 -14.55	36.48 2.76 0.00	37.20 2.91 0.00	41.21 3.33 0.00	48.02 4.09 0.00	36.09 3.24 0.00	35.16 3.02 -3.07	66.59 2.58 -40.69	57.52 2.19 -34.90	74.05 2.14 -51.09	42.84 2.08 -20.62	64.28 2.06 -42.94	35.24 2.30 -11.79	32.01 2.73 -5.10	34.60 3.32 -0.02	35.22 3.26 0.00	35.12 3.29 0.00	36.19 3.22 0.00	33.67 3.08 0.00	34.77 2.92 -2.60	34.33 2.86 -2.71
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.56 1.87 0.00	24.01 1.68 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.18 4.25 0.00	36.18 3.33 0.00	32.67 2.99 -0.62	51.07 2.42 -25.33	49.78 2.07 -27.29	340.32 2.00 -317.51	107.37 1.86 -85.37	33.35 1.91 -12.15	31.85 2.20 -8.49	31.62 2.55 -4.89	35.37 3.29 -0.81	35.24 3.29 0.00	35.24 3.41 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.58	40.51 2.93 -8.33	31.50 2.74 0.00
GRISSOM___SOLAR 323813	25.75 2.06 0.00	24.25 1.92 0.00	24.89 1.99 0.00	29.68 2.41 0.00	36.88 3.16 0.00	37.76 3.48 0.00	42.03 4.15 0.00	48.97 5.04 0.00	35.88 3.02 0.00	30.66 1.60 0.00	24.20 0.88 0.00	21.07 0.64 0.00	21.41 0.59 0.00	20.75 0.61 0.00	19.95 0.67 0.00	22.02 0.86 0.00	28.77 1.76 -2.83	34.74 3.48 0.00	35.80 3.84 0.00	35.58 3.75 0.00	36.74 3.77 0.00	34.01 3.41 0.00	32.31 3.06 0.00	31.67 2.91 0.00
GROVEVILLE___HYD 323602	25.41 1.72 0.00	23.86 1.53 0.00	24.43 1.54 0.00	29.13 1.87 0.00	36.04 2.32 0.00	36.88 2.60 0.00	41.01 3.13 0.00	47.82 3.89 0.00	35.80 2.94 0.00	31.69 2.63 0.00	25.44 2.13 0.00	22.21 1.79 0.00	22.61 1.80 0.00	21.90 1.76 0.00	20.96 1.68 0.00	23.09 1.94 0.00	28.55 2.32 -2.04	34.30 3.03 0.00	34.99 3.03 0.00	34.92 3.10 0.00	36.03 3.07 0.00	33.36 2.76 0.00	31.88 2.64 0.00	31.25 2.49 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.27 -0.43 0.00	21.96 -0.37 0.00	22.54 -0.35 0.00	26.84 -0.43 0.00	33.23 -0.49 0.00	33.94 -0.35 0.00	37.59 -0.28 0.00	43.60 -0.33 0.00	32.59 -0.27 0.00	28.83 -0.24 0.00	23.13 -0.19 0.00	20.25 -0.17 0.00	20.63 -0.19 0.00	19.96 -0.18 0.00	19.08 -0.20 0.00	20.86 -0.30 0.00	24.14 -0.29 -0.25	30.97 -0.29 0.00	31.72 -0.23 0.00	31.56 -0.27 0.00	32.69 -0.28 0.00	30.24 -0.36 0.00	28.86 -0.39 0.00	28.39 -0.37 0.00
HAMLTNNY_34_KV_TB 80303	23.34 -0.35 0.00	22.05 -0.28 0.00	22.65 -0.24 0.00	26.97 -0.29 0.00	33.40 -0.32 0.00	34.13 -0.15 0.00	37.85 -0.02 0.00	43.90 -0.03 0.00	32.82 -0.04 0.00	29.03 -0.04 0.00	23.29 -0.03 0.00	20.38 -0.04 0.00	20.75 -0.06 0.00	20.08 -0.06 0.00	19.19 -0.09 0.00	20.98 -0.18 0.00	24.30 -0.14 -0.26	31.15 -0.11 0.00	31.92 -0.03 0.00	31.78 -0.05 0.00	32.92 -0.05 0.00	30.42 -0.17 0.00	29.02 -0.23 0.00	28.56 -0.21 0.00

HAMPSHIRE___PAPER_HYD 323593	23.00 -0.69 0.00	21.62 -0.71 0.00	22.30 -0.59 0.00	26.68 -0.59 0.00	33.07 -0.65 0.00	33.63 -0.66 0.00	37.08 -0.80 0.00	42.86 -1.07 0.00	31.90 -0.96 0.00	28.10 -0.97 0.00	22.46 -0.86 0.00	19.50 -0.92 0.00	19.74 -1.07 0.00	18.98 -1.16 0.00	18.12 -1.16 0.00	18.47 -1.25 1.44	7.55 -1.26 15.37	30.23 -1.03 0.00	31.01 -0.95 0.00	20.18 -1.12 10.53	31.83 -1.14 0.00	29.54 -1.06 0.00	28.28 -0.97 0.00	28.03 -0.73 0.00
HARDSCRABBLE_WT_PWR 323673	23.84 0.15 0.00	22.54 0.21 0.00	23.06 0.17 0.00	27.53 0.26 0.00	34.01 0.29 0.00	34.50 0.22 0.00	38.37 0.49 0.00	44.65 0.72 0.00	33.28 0.42 0.00	29.18 0.11 0.00	23.33 0.01 0.00	20.36 -0.06 0.00	20.65 -0.16 0.00	19.96 -0.18 0.00	19.13 -0.15 0.00	21.33 0.03 -0.14	25.95 0.25 -1.51	31.79 0.53 0.00	32.44 0.48 0.00	33.46 0.62 -1.01	33.59 0.63 0.00	31.21 0.62 0.00	29.82 0.57 0.00	29.26 0.49 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.16 1.47 0.00	23.62 1.29 0.00	24.18 1.29 0.00	28.85 1.59 0.00	35.70 1.98 0.00	36.52 2.24 0.00	40.60 2.73 0.00	47.31 3.38 0.00	35.41 2.55 0.00	31.35 2.29 0.00	25.17 1.86 0.00	18.99 1.54 2.98	-7.98 1.55 30.34	21.66 1.52 0.00	19.35 1.46 1.39	14.12 1.67 8.71	28.08 2.00 -1.89	33.91 2.65 0.00	34.57 2.61 0.00	34.53 2.70 0.00	35.63 2.66 0.00	32.98 2.39 0.00	31.55 2.30 0.00	30.93 2.16 0.00
HARSNRAD_115KV_TB1 81005	22.03 -1.66 0.00	20.75 -1.58 0.00	21.58 -1.31 0.00	25.79 -1.48 0.00	31.94 -1.78 0.00	33.09 -1.20 0.00	35.97 -1.90 0.00	40.91 -3.02 0.00	30.80 -2.06 0.00	27.40 -1.66 0.00	22.00 -1.32 0.00	19.26 -1.16 0.00	19.53 -1.28 0.00	18.88 -1.27 0.00	18.19 -1.10 0.00	19.74 -1.42 0.00	22.56 -1.94 -0.31	28.76 -2.50 0.00	29.66 -2.30 0.00	29.30 -2.53 0.00	30.62 -2.35 0.00	28.28 -2.32 0.00	26.83 -2.42 0.00	26.81 -1.95 0.00
HARZA MOOSE___RIVER 24016	23.62 -0.07 0.00	22.21 -0.12 0.00	22.92 0.03 0.00	27.43 0.16 0.00	34.05 0.33 0.00	34.86 0.58 0.00	38.63 0.75 0.00	44.75 0.82 0.00	33.33 0.47 0.00	29.35 0.29 0.00	23.42 0.10 0.00	20.34 -0.08 0.00	20.58 -0.24 0.00	19.80 -0.34 0.00	18.91 -0.38 0.00	20.46 -0.40 0.30	21.20 -0.16 2.82	31.63 0.37 0.00	32.42 0.47 0.00	29.96 0.32 2.19	33.25 0.28 0.00	30.79 0.19 0.00	29.38 0.13 0.00	29.03 0.26 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	23.07 -0.63 0.00	21.76 -0.57 0.00	22.35 -0.55 0.00	26.61 -0.65 0.00	32.91 -0.81 0.00	33.66 -0.63 0.00	37.23 -0.64 0.00	43.19 -0.74 0.00	32.27 -0.58 0.00	28.55 -0.51 0.00	22.91 -0.41 0.00	20.06 -0.37 0.00	20.44 -0.38 0.00	19.77 -0.37 0.00	18.92 -0.37 0.00	20.66 -0.50 0.00	23.88 -0.53 -0.23	30.65 -0.61 0.00	31.41 -0.55 0.00	31.24 -0.59 0.00	32.34 -0.62 0.00	29.93 -0.66 0.00	28.57 -0.68 0.00	28.10 -0.66 0.00
HELLGATE_13_KV_LD 55870	25.42 1.73 0.00	23.90 1.57 0.00	24.40 1.50 0.00	29.07 1.81 0.00	36.03 2.31 0.00	36.90 2.61 0.00	41.03 3.15 0.00	47.96 4.03 0.00	36.01 3.16 0.00	32.54 2.85 -0.62	50.96 2.31 -25.33	49.67 1.95 -27.29	340.27 1.95 -317.51	107.39 1.88 -85.37	33.27 1.83 -12.15	31.73 2.08 -8.49	31.47 2.40 -4.89	35.17 3.09 -0.81	35.04 3.09 0.00	35.02 3.19 0.00	36.12 3.16 0.00	33.47 2.88 0.00	31.99 2.75 0.00	31.32 2.56 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.42 1.73 0.00	23.90 1.57 0.00	24.40 1.50 0.00	29.07 1.81 0.00	36.03 2.31 0.00	36.90 2.61 0.00	41.03 3.15 0.00	47.96 4.03 0.00	36.01 3.16 0.00	32.54 2.85 -0.62	50.96 2.31 -25.33	49.67 1.95 -27.29	340.27 1.95 -317.51	107.39 1.88 -85.37	33.27 1.83 -12.15	31.73 2.08 -8.49	31.47 2.40 -4.89	35.17 3.09 -0.81	35.04 3.09 0.00	35.02 3.19 0.00	36.12 3.16 0.00	33.47 2.88 0.00	31.99 2.75 0.00	31.32 2.56 0.00
HEMPSTEAD____ 23647	30.58 2.00 -4.89	28.24 1.81 -4.10	44.18 1.81 -19.48	43.99 2.18 -14.55	36.40 2.68 0.00	37.16 2.87 0.00	41.16 3.28 0.00	47.94 4.01 0.00	36.03 3.17 0.00	35.09 2.95 -3.07	66.45 2.47 -40.67	57.41 2.09 -34.90	73.85 2.09 -50.95	42.61 2.01 -20.46	64.22 2.00 -42.94	35.19 2.24 -11.79	32.61 2.61 -5.81	34.50 3.22 -0.02	35.13 3.17 0.00	35.03 3.21 0.00	36.07 3.10 0.00	33.52 2.93 0.00	34.64 2.79 -2.60	34.27 2.80 -2.71
HEWLETT__69_KV_BK3 55828	30.74 2.16 -4.89	28.38 1.95 -4.10	44.33 1.95 -19.48	44.17 2.35 -14.55	36.62 2.90 0.00	37.40 3.11 0.00	41.29 3.42 0.00	48.07 4.13 0.00	36.13 3.27 0.00	35.15 3.02 -3.07	66.43 2.53 -40.59	57.47 2.15 -34.90	73.41 2.14 -50.45	42.18 2.12 -19.91	64.32 2.10 -42.93	35.36 2.41 -11.79	35.20 2.76 -8.25	34.62 3.33 -0.02	35.23 3.28 0.00	35.13 3.30 0.00	36.14 3.17 0.00	33.57 2.98 0.00	34.88 3.03 -2.60	34.48 3.01 -2.71
HICKLING___1 23621	23.16 -0.54 0.00	21.90 -0.43 0.00	22.45 -0.44 0.00	26.96 -0.31 0.00	33.37 -0.34 0.00	34.16 -0.12 0.00	37.81 -0.06 0.00	44.29 0.36 0.00	33.13 0.28 0.00	29.27 0.21 0.00	23.36 0.04 0.00	20.30 -0.12 0.00	20.76 -0.06 0.00	19.97 -0.17 0.00	19.10 -0.19 0.00	20.89 -0.27 0.00	24.49 -0.26 -0.57	31.12 -0.15 0.00	32.14 0.18 0.00	32.05 0.22 0.00	33.24 0.27 0.00	30.74 0.14 0.00	29.50 0.25 0.00	28.90 0.13 0.00
HICKLING___2 23622	23.16 -0.54 0.00	21.90 -0.43 0.00	22.45 -0.44 0.00	26.96 -0.31 0.00	33.37 -0.34 0.00	34.16 -0.12 0.00	37.81 -0.06 0.00	44.29 0.36 0.00	33.13 0.28 0.00	29.27 0.21 0.00	23.36 0.04 0.00	20.30 -0.12 0.00	20.76 -0.06 0.00	19.97 -0.17 0.00	19.10 -0.19 0.00	20.89 -0.27 0.00	24.49 -0.26 -0.57	31.12 -0.15 0.00	32.14 0.18 0.00	32.05 0.22 0.00	33.24 0.27 0.00	30.74 0.14 0.00	29.50 0.25 0.00	28.90 0.13 0.00
HIGH FALLS___HY 23754	25.29 1.60 0.00	23.74 1.41 0.00	24.31 1.42 0.00	28.97 1.71 0.00	35.95 2.23 0.00	36.86 2.58 0.00	41.07 3.20 0.00	48.00 4.07 0.00	35.91 3.06 0.00	31.69 2.62 0.00	25.38 2.06 0.00	22.04 1.62 0.00	22.30 1.49 0.00	21.58 1.44 0.00	20.67 1.39 0.00	22.79 1.63 0.00	28.26 2.06 -2.02	34.12 2.85 0.00	34.85 2.89 0.00	34.85 3.02 0.00	36.17 3.20 0.00	33.46 2.86 0.00	31.96 2.71 0.00	31.28 2.51 0.00
HILLBURN___GT 23639	25.16 1.47 0.00	23.60 1.27 0.00	24.17 1.27 0.00	28.84 1.57 0.00	35.68 1.96 0.00	36.51 2.22 0.00	40.59 2.72 0.00	47.27 3.34 0.00	35.39 2.53 0.00	31.35 2.28 0.00	25.18 1.86 0.00	18.44 1.54 3.53	-13.66 1.55 36.03	21.66 1.52 0.00	19.09 1.46 1.66	12.48 1.65 10.34	28.09 1.98 -1.92	33.86 2.60 0.00	34.50 2.54 0.00	34.49 2.66 0.00	35.56 2.60 0.00	32.92 2.33 0.00	31.52 2.27 0.00	30.91 2.14 0.00
HILLSIDE_115KV_TB1 80332	22.97 -0.72 0.00	21.72 -0.61 0.00	22.30 -0.59 0.00	26.74 -0.53 0.00	33.03 -0.69 0.00	33.81 -0.48 0.00	37.36 -0.51 0.00	43.71 -0.22 0.00	32.69 -0.17 0.00	28.91 -0.16 0.00	23.09 -0.23 0.00	20.09 -0.33 0.00	20.56 -0.25 0.00	19.79 -0.35 0.00	18.95 -0.34 0.00	20.73 -0.43 0.00	24.30 -0.46 -0.58	30.79 -0.48 0.00	31.70 -0.26 0.00	31.59 -0.24 0.00	32.78 -0.19 0.00	30.31 -0.28 0.00	29.09 -0.16 0.00	28.51 -0.26 0.00

HISHELDN_WT_PWR 323625	21.80 -1.89 0.00	20.57 -1.75 0.00	21.51 -1.38 0.00	25.76 -1.51 0.00	31.95 -1.77 0.00	33.07 -1.21 0.00	36.03 -1.85 0.00	41.22 -2.71 0.00	31.06 -1.80 0.00	27.61 -1.46 0.00	22.20 -1.12 0.00	19.43 -0.99 0.00	19.71 -1.10 0.00	18.98 -1.16 0.00	18.25 -1.04 0.00	19.79 -1.37 0.00	22.66 -1.85 -0.33	28.90 -2.36 0.00	29.90 -2.06 0.00	29.63 -2.20 0.00	30.96 -2.01 0.00	27.33 -1.99 1.28	26.99 -2.02 0.24	26.95 -1.62 0.19
HOLTSVILLE_IC_1 23690	30.97 2.39 -4.89	28.59 2.17 -4.10	44.57 2.19 -19.48	44.46 2.64 -14.55	37.01 3.29 0.00	37.73 3.45 0.00	41.85 3.98 0.00	48.73 4.80 0.00	36.63 3.78 0.00	35.66 3.52 -3.07	66.94 2.93 -40.69	57.81 2.48 -34.90	74.32 2.41 -51.10	43.09 2.32 -20.63	64.51 2.29 -42.94	35.45 2.51 -11.79	32.26 3.01 -5.06	35.05 3.77 -0.02	35.72 3.76 0.00	35.59 3.76 0.00	36.63 3.66 0.00	34.08 3.48 0.00	35.13 3.28 -2.60	34.70 3.23 -2.71
HOLTSVILLE_IC_10 23699	31.11 2.53 -4.89	28.74 2.31 -4.10	44.71 2.33 -19.48	44.64 2.82 -14.55	37.23 3.51 0.00	37.98 3.70 0.00	42.15 4.28 0.00	49.11 5.17 0.00	36.91 4.05 0.00	35.92 3.78 -3.07	67.14 3.13 -40.69	57.98 2.66 -34.90	74.48 2.57 -51.09	43.23 2.46 -20.63	64.66 2.43 -42.94	35.61 2.66 -11.79	32.47 3.21 -5.08	35.31 4.03 -0.02	35.99 4.04 0.00	35.84 4.02 0.00	36.88 3.91 0.00	34.29 3.69 0.00	35.31 3.45 -2.60	34.86 3.39 -2.71
HOLTSVILLE_IC_2 23691	30.97 2.39 -4.89	28.59 2.17 -4.10	44.57 2.19 -19.48	44.46 2.64 -14.55	37.01 3.29 0.00	37.73 3.45 0.00	41.85 3.98 0.00	48.73 4.80 0.00	36.63 3.78 0.00	35.66 3.52 -3.07	66.94 2.93 -40.69	57.81 2.48 -34.90	74.32 2.41 -51.10	43.09 2.32 -20.63	64.51 2.29 -42.94	35.45 2.51 -11.79	32.26 3.01 -5.06	35.05 3.77 -0.02	35.72 3.76 0.00	35.59 3.76 0.00	36.63 3.66 0.00	34.08 3.48 0.00	35.13 3.28 -2.60	34.70 3.23 -2.71
HOLTSVILLE_IC_3 23692	30.97 2.39 -4.89	28.59 2.17 -4.10	44.57 2.19 -19.48	44.46 2.64 -14.55	37.01 3.29 0.00	37.73 3.45 0.00	41.85 3.98 0.00	48.73 4.80 0.00	36.63 3.78 0.00	35.66 3.52 -3.07	66.94 2.93 -40.69	57.81 2.48 -34.90	74.32 2.41 -51.10	43.09 2.32 -20.63	64.51 2.29 -42.94	35.45 2.51 -11.79	32.26 3.01 -5.06	35.05 3.77 -0.02	35.72 3.76 0.00	35.59 3.76 0.00	36.63 3.66 0.00	34.08 3.48 0.00	35.13 3.28 -2.60	34.70 3.23 -2.71
HOLTSVILLE_IC_4 23693	30.97 2.39 -4.89	28.59 2.17 -4.10	44.57 2.19 -19.48	44.46 2.64 -14.55	37.01 3.29 0.00	37.73 3.45 0.00	41.85 3.98 0.00	48.73 4.80 0.00	36.63 3.78 0.00	35.66 3.52 -3.07	66.94 2.93 -40.69	57.81 2.48 -34.90	74.32 2.41 -51.10	43.09 2.32 -20.63	64.51 2.29 -42.94	35.45 2.51 -11.79	32.26 3.01 -5.06	35.05 3.77 -0.02	35.72 3.76 0.00	35.59 3.76 0.00	36.63 3.66 0.00	34.08 3.48 0.00	35.13 3.28 -2.60	34.70 3.23 -2.71
HOLTSVILLE_IC_5 23694	30.97 2.39 -4.89	28.59 2.17 -4.10	44.57 2.19 -19.48	44.46 2.64 -14.55	37.01 3.29 0.00	37.73 3.45 0.00	41.85 3.98 0.00	48.73 4.80 0.00	36.63 3.78 0.00	35.66 3.52 -3.07	66.94 2.93 -40.69	57.81 2.48 -34.90	74.32 2.41 -51.10	43.09 2.32 -20.63	64.51 2.29 -42.94	35.45 2.51 -11.79	32.26 3.01 -5.06	35.05 3.77 -0.02	35.72 3.76 0.00	35.59 3.76 0.00	36.63 3.66 0.00	34.08 3.48 0.00	35.13 3.28 -2.60	34.70 3.23 -2.71
HOLTSVILLE_IC_6 23695	31.11 2.53 -4.89	28.74 2.31 -4.10	44.71 2.33 -19.48	44.64 2.82 -14.55	37.23 3.51 0.00	37.98 3.70 0.00	42.15 4.28 0.00	49.11 5.17 0.00	36.91 4.05 0.00	35.92 3.78 -3.07	67.14 3.13 -40.69	57.98 2.66 -34.90	74.48 2.57 -51.09	43.23 2.46 -20.63	64.66 2.43 -42.94	35.61 2.66 -11.79	32.47 3.21 -5.08	35.31 4.03 -0.02	35.99 4.04 0.00	35.84 4.02 0.00	36.88 3.91 0.00	34.29 3.69 0.00	35.31 3.45 -2.60	34.86 3.39 -2.71
HOLTSVILLE_IC_7 23696	31.11 2.53 -4.89	28.74 2.31 -4.10	44.71 2.33 -19.48	44.64 2.82 -14.55	37.23 3.51 0.00	37.98 3.70 0.00	42.15 4.28 0.00	49.11 5.17 0.00	36.91 4.05 0.00	35.92 3.78 -3.07	67.14 3.13 -40.69	57.98 2.66 -34.90	74.48 2.57 -51.09	43.23 2.46 -20.63	64.66 2.43 -42.94	35.61 2.66 -11.79	32.47 3.21 -5.08	35.31 4.03 -0.02	35.99 4.04 0.00	35.84 4.02 0.00	36.88 3.91 0.00	34.29 3.69 0.00	35.31 3.45 -2.60	34.86 3.39 -2.71
HOLTSVILLE_IC_8 23697	31.11 2.53 -4.89	28.74 2.31 -4.10	44.71 2.33 -19.48	44.64 2.82 -14.55	37.23 3.51 0.00	37.98 3.70 0.00	42.15 4.28 0.00	49.11 5.17 0.00	36.91 4.05 0.00	35.92 3.78 -3.07	67.14 3.13 -40.69	57.98 2.66 -34.90	74.48 2.57 -51.09	43.23 2.46 -20.63	64.66 2.43 -42.94	35.61 2.66 -11.79	32.47 3.21 -5.08	35.31 4.03 -0.02	35.99 4.04 0.00	35.84 4.02 0.00	36.88 3.91 0.00	34.29 3.69 0.00	35.31 3.45 -2.60	34.86 3.39 -2.71
HOLTSVILLE_IC_9 23698	31.11 2.53 -4.89	28.74 2.31 -4.10	44.71 2.33 -19.48	44.64 2.82 -14.55	37.23 3.51 0.00	37.98 3.70 0.00	42.15 4.28 0.00	49.11 5.17 0.00	36.91 4.05 0.00	35.92 3.78 -3.07	67.14 3.13 -40.69	57.98 2.66 -34.90	74.48 2.57 -51.09	43.23 2.46 -20.63	64.66 2.43 -42.94	35.61 2.66 -11.79	32.47 3.21 -5.08	35.31 4.03 -0.02	35.99 4.04 0.00	35.84 4.02 0.00	36.88 3.91 0.00	34.29 3.69 0.00	35.31 3.45 -2.60	34.86 3.39 -2.71
HOMER_HL_115KV_TB2 355744	23.20 -0.49 0.00	21.88 -0.45 0.00	22.70 -0.19 0.00	27.16 -0.10 0.00	33.54 -0.18 0.00	34.51 0.22 0.00	37.48 -0.39 0.00	43.18 -0.75 0.00	32.31 -0.55 0.00	28.68 -0.38 0.00	22.96 -0.36 0.00	20.11 -0.31 0.00	20.73 -0.09 0.00	20.08 -0.05 0.00	19.31 0.03 0.00	20.96 -0.19 0.00	24.07 -0.50 -0.39	30.45 -0.81 0.00	31.24 -0.72 0.00	31.08 -0.75 0.00	32.42 -0.55 0.00	30.10 -0.49 0.00	28.93 -0.32 0.00	28.71 -0.06 0.00
HOWARD_WT_PWR 323690	22.36 -1.33 0.00	21.53 -0.81 0.00	21.44 -1.45 0.00	26.22 -1.05 0.00	32.79 -0.93 0.00	32.98 -1.30 0.00	36.94 -0.93 0.00	43.76 -0.17 0.00	32.79 -0.06 0.00	28.81 -0.26 0.00	22.95 -0.37 0.00	19.82 -0.60 0.00	20.12 -0.69 0.00	19.34 -0.80 0.00	18.31 -0.97 0.00	19.97 -1.19 0.00	23.44 -1.23 -0.49	30.19 -1.08 0.00	31.69 -0.26 0.00	31.77 -0.06 0.00	33.07 0.10 0.00	31.05 0.06 -0.40	29.77 0.45 -0.07	29.10 0.28 -0.06
HQ_GEN_CEDARS 23644	23.46 -0.23 0.00	22.10 -0.23 0.00	22.66 -0.23 0.00	26.98 -0.28 0.00	33.39 -0.32 0.00	33.73 -0.56 0.00	37.01 -0.87 0.00	42.71 -1.22 0.00	31.92 -0.94 0.00	28.27 -0.80 0.00	22.68 -0.64 0.00	19.87 -0.55 0.00	20.30 -0.51 0.00	19.63 -0.51 0.00	18.81 -0.47 0.00	18.05 -0.53 2.58	-1.85 -0.72 25.31	30.36 -0.90 0.00	31.07 -0.89 0.00	12.08 -0.96 18.80	32.08 -0.89 0.00	29.86 -0.74 0.00	28.58 -0.67 0.00	28.21 -0.56 0.00
HQ_GEN_CEDARS_PROXY 323590	23.46 -0.23 0.00	22.10 -0.23 0.00	22.66 -0.23 0.00	26.98 -0.28 0.00	33.40 -0.32 0.00	33.73 -0.56 0.00	37.01 -0.87 0.00	42.71 -1.22 0.00	31.92 -0.93 0.00	28.27 -0.80 0.00	22.68 -0.64 0.00	19.87 -0.55 0.00	20.31 -0.51 0.00	19.63 -0.51 0.00	18.81 -0.47 0.00	18.05 -0.53 2.58	-1.85 -0.72 25.31	30.36 -0.90 0.00	31.07 -0.89 0.00	12.08 -0.96 18.80	32.08 -0.89 0.00	29.86 -0.73 0.00	28.58 -0.67 0.00	28.21 -0.56 0.00

HQ_GEN_IMPORT 323601	23.46 -0.23 0.00	22.11 -0.21 0.00	22.67 -0.22 0.00	26.99 -0.27 0.00	33.40 -0.32 0.00	33.80 -0.49 0.00	37.16 -0.71 0.00	43.00 -0.93 0.00	32.17 -0.69 0.00	28.48 -0.59 0.00	22.85 -0.47 0.00	20.05 -0.37 0.00	20.48 -0.34 0.00	20.96 -0.33 -1.16	18.97 -0.31 0.00	20.15 -0.35 0.67	17.15 -0.48 6.56	29.62 -0.67 0.98	30.67 -0.67 0.62	26.26 -0.70 4.87	32.30 -0.67 0.00	30.02 -0.57 0.00	28.72 -0.53 0.00	28.27 -0.49 0.00
HQ_GEN_WHEEL 23651	23.46 -0.23 0.00	22.11 -0.21 0.00	22.67 -0.22 0.00	26.99 -0.27 0.00	33.40 -0.32 0.00	33.80 -0.49 0.00	37.16 -0.71 0.00	43.00 -0.93 0.00	32.17 -0.69 0.00	28.48 -0.59 0.00	22.85 -0.47 0.00	20.05 -0.37 0.00	20.48 -0.34 0.00	20.96 -0.33 -1.16	18.97 -0.31 0.00	20.15 -0.35 0.67	17.15 -0.48 6.56	29.62 -0.67 0.98	30.67 -0.67 0.62	26.26 -0.70 4.87	32.30 -0.67 0.00	30.02 -0.57 0.00	28.72 -0.53 0.00	28.27 -0.49 0.00
HUDSON AVE_GT_3 23810	25.42 1.74 0.00	23.87 1.54 0.00	24.40 1.51 0.00	29.06 1.79 0.00	36.00 2.28 0.00	36.86 2.57 0.00	40.99 3.12 0.00	47.94 4.01 0.00	35.99 3.13 0.00	32.45 2.84 -0.55	48.10 2.33 -22.46	46.85 1.96 -24.47	77.32 1.98 -54.53	41.96 1.94 -19.88	32.05 1.86 -10.91	31.58 2.10 -8.33	31.24 2.48 -4.57	35.14 3.16 -0.72	35.06 3.11 0.00	35.03 3.21 0.00	36.11 3.14 0.00	33.45 2.85 0.00	31.97 2.72 0.00	31.31 2.55 0.00
HUDSON AVE_GT_4 23540	25.42 1.74 0.00	23.87 1.54 0.00	24.40 1.51 0.00	29.06 1.79 0.00	36.00 2.28 0.00	36.86 2.57 0.00	40.99 3.12 0.00	47.94 4.01 0.00	35.99 3.13 0.00	32.45 2.84 -0.55	48.10 2.33 -22.46	46.85 1.96 -24.47	77.32 1.98 -54.53	41.96 1.94 -19.88	32.05 1.86 -10.91	31.58 2.10 -8.33	31.24 2.48 -4.57	35.14 3.16 -0.72	35.06 3.11 0.00	35.03 3.21 0.00	36.11 3.14 0.00	33.45 2.85 0.00	31.97 2.72 0.00	31.31 2.55 0.00
HUDSON AVE_GT_5 23657	25.42 1.74 0.00	23.87 1.54 0.00	24.40 1.51 0.00	29.06 1.79 0.00	36.00 2.28 0.00	36.86 2.57 0.00	40.99 3.12 0.00	47.94 4.01 0.00	35.99 3.13 0.00	32.45 2.84 -0.55	48.10 2.33 -22.46	46.85 1.96 -24.47	77.32 1.98 -54.53	41.96 1.94 -19.88	32.05 1.86 -10.91	31.58 2.10 -8.33	31.24 2.48 -4.57	35.14 3.16 -0.72	35.06 3.11 0.00	35.03 3.21 0.00	36.11 3.14 0.00	33.45 2.85 0.00	31.97 2.72 0.00	31.31 2.55 0.00
HUDSON_AVE_10 24168	25.37 1.68 0.00	23.82 1.49 0.00	24.35 1.46 0.00	28.99 1.72 0.00	35.94 2.22 0.00	36.79 2.50 0.00	40.92 3.04 0.00	47.85 3.92 0.00	35.90 3.04 0.00	32.38 2.77 -0.55	48.05 2.27 -22.46	46.80 1.90 -24.47	77.28 1.94 -54.53	41.94 1.93 -19.88	32.01 1.83 -10.91	31.55 2.06 -8.33	31.21 2.45 -4.57	35.08 3.10 -0.72	35.01 3.05 0.00	34.97 3.15 0.00	36.03 3.07 0.00	33.39 2.79 0.00	31.92 2.67 0.00	31.26 2.49 0.00
HUDSON___115KV_TB 4 355613	25.26 1.57 0.00	23.77 1.44 0.00	24.35 1.46 0.00	28.99 1.72 0.00	35.71 1.99 0.00	36.34 2.05 0.00	40.15 2.28 0.00	46.46 2.53 0.00	34.56 1.70 0.00	30.45 1.39 0.00	24.30 0.98 0.00	21.26 0.84 0.00	21.61 0.80 0.00	20.93 0.79 0.00	20.06 0.78 0.00	22.17 1.01 0.00	27.98 1.36 -2.43	33.19 1.93 0.00	33.96 2.00 0.00	33.81 1.98 0.00	34.94 1.97 0.00	32.42 1.82 0.00	30.99 1.74 0.00	30.51 1.75 0.00
HUNTER MOUNT___DRP 323613	25.42 1.73 0.00	23.93 1.61 0.00	24.51 1.62 0.00	29.19 1.92 0.00	35.95 2.24 0.00	36.58 2.30 0.00	40.47 2.59 0.00	46.84 2.91 0.00	34.79 1.93 0.00	30.55 1.48 0.00	24.33 1.01 0.00	21.29 0.87 0.00	21.65 0.84 0.00	20.97 0.83 0.00	20.10 0.82 0.00	22.25 1.09 0.00	28.05 1.51 -2.36	33.48 2.21 0.00	34.30 2.34 0.00	34.10 2.28 0.00	35.25 2.28 0.00	32.69 2.10 0.00	31.22 1.97 0.00	30.74 1.97 0.00
HUNTINGTON_RES_REC 323705	30.81 2.23 -4.89	28.46 2.04 -4.10	44.42 2.04 -19.48	44.29 2.47 -14.55	36.79 3.07 0.00	37.53 3.24 0.00	41.62 3.74 0.00	48.50 4.57 0.00	36.45 3.59 0.00	35.48 3.35 -3.07	66.84 2.83 -40.69	57.73 2.40 -34.90	74.23 2.32 -51.09	43.01 2.24 -20.63	64.43 2.21 -42.94	35.39 2.44 -11.79	32.19 2.92 -5.08	34.90 3.62 -0.02	35.57 3.61 0.00	35.44 3.61 0.00	36.47 3.51 0.00	33.92 3.33 0.00	34.98 3.13 -2.60	34.53 3.05 -2.71
HUNTLEY___63 23557	22.21 -1.48 0.00	20.91 -1.42 0.00	21.75 -1.15 0.00	26.00 -1.27 0.00	32.18 -1.54 0.00	33.35 -0.94 0.00	36.28 -1.59 0.00	41.28 -2.65 0.00	31.01 -1.84 0.00	27.56 -1.51 0.00	22.19 -1.13 0.00	19.46 -0.96 0.00	19.73 -1.09 0.00	19.07 -1.07 0.00	18.36 -0.92 0.00	19.93 -1.23 0.00	22.80 -1.71 -0.32	29.02 -2.25 0.00	29.94 -2.02 0.00	29.58 -2.25 0.00	30.90 -2.07 0.00	28.56 -2.03 0.00	27.08 -2.17 0.00	27.02 -1.75 0.00
HUNTLEY___64 23558	22.21 -1.48 0.00	20.91 -1.42 0.00	21.75 -1.15 0.00	26.00 -1.27 0.00	32.18 -1.54 0.00	33.35 -0.94 0.00	36.28 -1.59 0.00	41.28 -2.65 0.00	31.01 -1.84 0.00	27.56 -1.51 0.00	22.19 -1.13 0.00	19.46 -0.96 0.00	19.73 -1.09 0.00	19.07 -1.07 0.00	18.36 -0.92 0.00	19.93 -1.23 0.00	22.80 -1.71 -0.32	29.02 -2.25 0.00	29.94 -2.02 0.00	29.58 -2.25 0.00	30.90 -2.07 0.00	28.56 -2.03 0.00	27.08 -2.17 0.00	27.02 -1.75 0.00
HUNTLEY___65 23559	22.21 -1.48 0.00	20.91 -1.42 0.00	21.75 -1.15 0.00	26.00 -1.27 0.00	32.18 -1.54 0.00	33.35 -0.94 0.00	36.28 -1.59 0.00	41.28 -2.65 0.00	31.01 -1.84 0.00	27.56 -1.51 0.00	22.19 -1.13 0.00	19.46 -0.96 0.00	19.73 -1.09 0.00	19.07 -1.07 0.00	18.36 -0.92 0.00	19.93 -1.23 0.00	22.80 -1.71 -0.32	29.02 -2.25 0.00	29.94 -2.02 0.00	29.58 -2.25 0.00	30.90 -2.07 0.00	28.56 -2.03 0.00	27.08 -2.17 0.00	27.02 -1.75 0.00
HUNTLEY___66 23560	22.21 -1.48 0.00	20.91 -1.42 0.00	21.75 -1.15 0.00	26.00 -1.27 0.00	32.18 -1.54 0.00	33.35 -0.94 0.00	36.28 -1.59 0.00	41.28 -2.65 0.00	31.01 -1.84 0.00	27.56 -1.51 0.00	22.19 -1.13 0.00	19.46 -0.96 0.00	19.73 -1.09 0.00	19.07 -1.07 0.00	18.36 -0.92 0.00	19.93 -1.23 0.00	22.80 -1.71 -0.32	29.02 -2.25 0.00	29.94 -2.02 0.00	29.58 -2.25 0.00	30.90 -2.07 0.00	28.56 -2.03 0.00	27.08 -2.17 0.00	27.02 -1.75 0.00
HUNTLEY___67 23561	22.05 -1.64 0.00	20.75 -1.58 0.00	21.60 -1.30 0.00	25.81 -1.46 0.00	31.94 -1.77 0.00	33.09 -1.20 0.00	36.00 -1.88 0.00	41.08 -2.86 0.00	30.91 -1.94 0.00	27.51 -1.55 0.00	22.10 -1.21 0.00	19.36 -1.06 0.00	19.66 -1.15 0.00	18.99 -1.15 0.00	18.29 -0.99 0.00	19.86 -1.30 0.00	22.72 -1.80 -0.33	28.91 -2.35 0.00	29.79 -2.17 0.00	29.47 -2.36 0.00	30.80 -2.17 0.00	28.46 -2.14 0.00	27.01 -2.24 0.00	26.92 -1.85 0.00
HUNTLEY___68 23562	22.05 -1.64 0.00	20.75 -1.58 0.00	21.60 -1.30 0.00	25.81 -1.46 0.00	31.94 -1.77 0.00	33.09 -1.20 0.00	36.00 -1.88 0.00	41.08 -2.86 0.00	30.91 -1.94 0.00	27.51 -1.55 0.00	22.10 -1.21 0.00	19.36 -1.06 0.00	19.66 -1.15 0.00	18.99 -1.15 0.00	18.29 -0.99 0.00	19.86 -1.30 0.00	22.72 -1.80 -0.33	28.91 -2.35 0.00	29.79 -2.17 0.00	29.47 -2.36 0.00	30.80 -2.17 0.00	28.46 -2.14 0.00	27.01 -2.24 0.00	26.92 -1.85 0.00

HYLAND___LFGE 323620	23.68 -0.01 0.00	22.39 0.06 0.00	22.93 0.04 0.00	27.54 0.27 0.00	34.25 0.53 0.00	35.22 0.93 0.00	39.09 1.22 0.00	45.67 1.74 0.00	34.08 1.23 0.00	29.28 0.22 0.00	23.08 -0.23 0.00	20.08 -0.35 0.00	20.38 -0.44 0.00	19.66 -0.48 0.00	18.81 -0.47 0.00	20.51 -0.65 0.00	24.44 -0.16 -0.41	31.92 0.65 0.00	33.25 1.30 0.00	33.07 1.24 0.00	34.32 1.35 0.00	31.84 1.03 -0.22	30.24 0.95 -0.04	29.71 0.92 -0.03
INDECK___CORINTH 23802	24.97 1.27 0.00	23.52 1.19 0.00	23.97 1.08 0.00	28.40 1.13 0.00	34.77 1.05 0.00	35.40 1.12 0.00	39.16 1.29 0.00	45.56 1.63 0.00	33.99 1.13 0.00	29.82 0.75 0.00	23.87 0.55 0.00	20.85 0.42 0.00	21.13 0.31 0.00	20.43 0.29 0.00	19.58 0.30 0.00	21.76 0.60 0.00	27.75 0.99 -2.57	32.56 1.29 0.00	33.29 1.33 0.00	33.15 1.32 0.00	34.26 1.29 0.00	31.76 1.17 0.00	30.32 1.07 0.00	29.72 0.95 0.00
INDECK___ILION 23567	24.05 0.36 0.00	22.69 0.36 0.00	23.24 0.35 0.00	27.70 0.44 0.00	34.24 0.52 0.00	34.81 0.53 0.00	38.62 0.74 0.00	44.90 0.97 0.00	33.51 0.65 0.00	29.51 0.44 0.00	23.63 0.31 0.00	20.64 0.22 0.00	20.99 0.17 0.00	20.29 0.15 0.00	19.45 0.16 0.00	21.60 0.30 -0.14	26.18 0.49 -1.51	32.00 0.73 0.00	32.67 0.71 0.00	33.61 0.76 -1.01	33.74 0.78 0.00	31.32 0.72 0.00	29.92 0.67 0.00	29.38 0.61 0.00
INDECK___OLEAN 23982	23.20 -0.49 0.00	21.88 -0.45 0.00	22.71 -0.19 0.00	27.17 -0.10 0.00	33.54 -0.18 0.00	34.51 0.23 0.00	37.49 -0.39 0.00	43.17 -0.76 0.00	32.32 -0.53 0.00	28.69 -0.38 0.00	22.97 -0.35 0.00	20.12 -0.30 0.00	20.73 -0.08 0.00	20.09 -0.04 0.00	19.32 0.04 0.00	20.98 -0.18 0.00	24.08 -0.49 -0.39	30.46 -0.81 0.00	31.23 -0.73 0.00	31.08 -0.75 0.00	32.42 -0.55 0.00	28.57 -0.50 1.53	28.63 -0.33 0.28	28.47 -0.06 0.23
INDECK___OSWEGO 23783	22.80 -0.89 0.00	21.50 -0.83 0.00	22.08 -0.81 0.00	26.29 -0.97 0.00	32.54 -1.18 0.00	33.22 -1.06 0.00	36.77 -1.11 0.00	42.65 -1.28 0.00	31.88 -0.98 0.00	28.19 -0.88 0.00	22.61 -0.70 0.00	19.80 -0.62 0.00	20.15 -0.66 0.00	19.49 -0.65 0.00	18.64 -0.64 0.00	20.28 -0.80 0.08	22.58 -0.86 0.74	30.29 -0.98 0.00	31.01 -0.94 0.00	30.28 -0.98 0.56	31.94 -1.03 0.00	29.59 -1.01 0.00	28.23 -1.02 0.00	27.76 -1.00 0.00
INDECK___YERKES 23781	22.23 -1.46 0.00	20.93 -1.40 0.00	21.77 -1.12 0.00	26.02 -1.24 0.00	32.21 -1.51 0.00	33.39 -0.90 0.00	36.32 -1.55 0.00	41.33 -2.60 0.00	31.05 -1.81 0.00	27.56 -1.50 0.00	22.23 -1.09 0.00	19.51 -0.91 0.00	19.76 -1.05 0.00	19.10 -1.03 0.00	18.41 -0.87 0.00	19.97 -1.19 0.00	22.83 -1.67 -0.32	29.06 -2.21 0.00	29.96 -2.00 0.00	29.62 -2.21 0.00	30.94 -2.03 0.00	27.40 -2.00 1.19	26.87 -2.15 0.22	26.87 -1.71 0.18
INDIAN POINT_GT_1 24139	25.21 1.52 0.00	23.67 1.34 0.00	24.22 1.33 0.00	28.89 1.63 0.00	35.74 2.03 0.00	36.56 2.27 0.00	40.63 2.75 0.00	47.36 3.43 0.00	35.48 2.62 0.00	31.44 2.37 0.00	25.25 1.94 0.00	25.16 1.62 -3.12	54.45 1.62 -32.02	21.73 1.59 0.00	22.29 1.53 -1.47	32.09 1.75 -9.19	28.29 2.09 -2.02	33.96 2.69 0.00	34.60 2.64 0.00	34.56 2.73 0.00	35.65 2.68 0.00	33.02 2.43 0.00	31.60 2.35 0.00	30.98 2.21 0.00
INDIAN POINT_GT_2 23659	25.21 1.52 0.00	23.67 1.34 0.00	24.22 1.33 0.00	28.89 1.63 0.00	35.74 2.03 0.00	36.56 2.27 0.00	40.63 2.75 0.00	47.36 3.43 0.00	35.48 2.62 0.00	31.44 2.37 0.00	25.25 1.94 0.00	25.16 1.62 -3.12	54.45 1.62 -32.02	21.73 1.59 0.00	22.29 1.53 -1.47	32.09 1.75 -9.19	28.29 2.09 -2.02	33.96 2.69 0.00	34.60 2.64 0.00	34.56 2.73 0.00	35.65 2.68 0.00	33.02 2.43 0.00	31.60 2.35 0.00	30.98 2.21 0.00
INDIAN POINT_GT_3 24019	25.21 1.52 0.00	23.67 1.34 0.00	24.22 1.33 0.00	28.89 1.63 0.00	35.74 2.03 0.00	36.56 2.27 0.00	40.63 2.75 0.00	47.36 3.43 0.00	35.48 2.62 0.00	31.44 2.37 0.00	25.25 1.94 0.00	25.16 1.62 -3.12	54.45 1.62 -32.02	21.73 1.59 0.00	22.29 1.53 -1.47	32.09 1.75 -9.19	28.29 2.09 -2.02	33.96 2.69 0.00	34.60 2.64 0.00	34.56 2.73 0.00	35.65 2.68 0.00	33.02 2.43 0.00	31.60 2.35 0.00	30.98 2.21 0.00
INDIAN POINT___2 23530	25.15 1.45 0.00	23.60 1.27 0.00	24.15 1.26 0.00	28.82 1.55 0.00	35.65 1.93 0.00	36.46 2.18 0.00	40.52 2.65 0.00	47.22 3.29 0.00	35.37 2.51 0.00	31.33 2.27 0.00	25.17 1.86 0.00	27.00 1.54 -5.03	74.03 1.55 -51.67	21.66 1.52 0.00	23.12 1.46 -2.37	37.64 1.66 -14.82	28.15 1.99 -1.97	33.85 2.59 0.00	34.50 2.54 0.00	34.46 2.63 0.00	35.54 2.57 0.00	32.92 2.33 0.00	31.50 2.25 0.00	30.90 2.14 0.00
INDIAN POINT___3 23531	25.28 1.59 0.00	23.74 1.41 0.00	24.29 1.40 0.00	28.95 1.69 0.00	35.83 2.11 0.00	36.63 2.35 0.00	40.69 2.82 0.00	47.42 3.49 0.00	35.52 2.66 0.00	31.48 2.41 0.00	25.29 1.97 0.00	24.39 1.66 -2.31	46.18 1.67 -23.70	21.77 1.64 0.00	21.94 1.57 -1.09	29.76 1.80 -6.80	28.38 2.14 -2.06	34.00 2.73 0.00	34.65 2.69 0.00	34.60 2.77 0.00	35.69 2.73 0.00	33.07 2.47 0.00	31.63 2.38 0.00	31.01 2.25 0.00
INGHAM_C_115KV_TB7 356103	24.15 0.46 0.00	22.82 0.50 0.00	23.34 0.45 0.00	27.85 0.58 0.00	34.38 0.66 0.00	34.90 0.62 0.00	38.80 0.93 0.00	45.20 1.27 0.00	33.64 0.78 0.00	29.45 0.39 0.00	23.52 0.20 0.00	20.51 0.09 0.00	20.81 0.00 0.00	20.12 -0.02 0.00	19.30 0.02 0.00	21.56 0.26 -0.14	26.26 0.56 -1.51	32.21 0.95 0.00	32.89 0.93 0.00	33.89 1.04 -1.01	34.03 1.06 0.00	31.62 1.02 0.00	30.21 0.96 0.00	29.62 0.86 0.00
IP CORINTH___1 23988	24.97 1.28 0.00	23.52 1.19 0.00	23.99 1.10 0.00	28.47 1.20 0.00	34.93 1.21 0.00	35.60 1.32 0.00	39.39 1.52 0.00	45.81 1.88 0.00	34.18 1.32 0.00	29.99 0.92 0.00	24.00 0.68 0.00	20.97 0.54 0.00	21.25 0.43 0.00	20.55 0.41 0.00	19.69 0.40 0.00	21.88 0.72 0.00	27.89 1.13 -2.57	32.75 1.48 0.00	33.48 1.52 0.00	33.34 1.51 0.00	34.45 1.49 0.00	31.93 1.34 0.00	30.49 1.24 0.00	29.89 1.12 0.00
IP___TICONDEROGA 23804	25.58 1.89 0.00	24.21 1.89 0.00	24.70 1.81 0.00	29.41 2.15 0.00	36.26 2.54 0.00	37.23 2.94 0.00	41.12 3.24 0.00	47.99 4.05 0.00	36.42 3.57 0.00	31.87 2.80 0.00	25.31 1.99 0.00	21.87 1.45 0.00	21.99 1.18 0.00	21.24 1.10 0.00	20.34 1.06 0.00	22.95 1.79 0.00	29.27 2.52 -2.57	34.17 2.91 0.00	34.94 2.98 0.00	34.80 2.98 0.00	35.88 2.91 0.00	33.32 2.72 0.00	31.92 2.67 0.00	31.27 2.51 0.00
ISLIP_RES_REC 323679	31.22 2.64 -4.89	28.83 2.40 -4.10	44.81 2.44 -19.48	44.76 2.94 -14.55	37.39 3.67 0.00	38.16 3.87 0.00	42.38 4.50 0.00	49.38 5.45 0.00	37.12 4.26 0.00	36.10 3.97 -3.07	67.29 3.28 -40.69	58.12 2.79 -34.90	74.61 2.70 -51.09	43.36 2.59 -20.62	64.78 2.55 -42.94	35.74 2.80 -11.79	32.63 3.36 -5.09	35.53 4.24 -0.02	36.22 4.26 0.00	36.06 4.23 0.00	37.09 4.12 0.00	34.47 3.87 0.00	35.47 3.61 -2.60	35.01 3.54 -2.71

JAMAICA__27_KV_LOAD 355505	25.54 1.85 0.00	24.00 1.67 0.00	24.54 1.65 0.00	29.21 1.94 0.00	36.23 2.51 0.00	37.10 2.81 0.00	41.31 3.44 0.00	48.34 4.41 0.00	36.22 3.37 0.00	32.63 3.02 -0.55	48.27 2.50 -22.46	46.98 2.09 -24.47	77.50 2.16 -54.53	42.23 2.21 -19.88	32.24 2.05 -10.91	31.84 2.30 -8.37	31.70 2.75 -4.77	35.41 3.43 -0.72	35.39 3.43 0.00	35.33 3.50 0.00	36.40 3.43 0.00	33.72 3.13 0.00	32.26 3.01 0.00	31.55 2.79 0.00
JANIS__SOLAR 323808	24.12 0.43 0.00	22.93 0.60 0.00	23.49 0.60 0.00	28.07 0.80 0.00	34.87 1.15 0.00	35.56 1.27 0.00	39.67 1.79 0.00	46.18 2.25 0.00	34.37 1.52 0.00	30.33 1.27 0.00	24.08 0.76 0.00	20.79 0.36 0.00	21.23 0.41 0.00	20.55 0.41 0.00	19.66 0.38 0.00	21.48 0.33 0.00	25.48 0.71 -0.59	32.60 1.33 0.00	33.57 1.61 0.00	33.43 1.60 0.00	34.64 1.67 0.00	32.31 1.40 -0.32	30.57 1.27 -0.06	30.20 1.39 -0.05
JARVIS____ 23743	23.89 0.20 0.00	22.51 0.19 0.00	23.07 0.18 0.00	27.50 0.23 0.00	34.00 0.28 0.00	34.61 0.32 0.00	38.30 0.42 0.00	44.47 0.54 0.00	33.25 0.40 0.00	29.40 0.33 0.00	23.58 0.26 0.00	20.63 0.20 0.00	21.01 0.19 0.00	20.32 0.18 0.00	19.46 0.17 0.00	21.51 0.22 -0.14	25.99 0.29 -1.51	31.66 0.40 0.00	32.34 0.38 0.00	33.25 0.40 -1.01	33.37 0.39 0.00	30.96 0.37 0.00	29.60 0.35 0.00	29.09 0.32 0.00
JENNISON____1 23625	23.78 0.09 0.00	22.99 0.67 0.00	23.28 0.39 0.00	27.87 0.60 0.00	34.93 1.21 0.00	35.04 0.75 0.00	39.16 1.29 0.00	45.54 1.61 0.00	33.95 1.09 0.00	29.99 0.92 0.00	23.90 0.58 0.00	20.72 0.29 0.00	21.17 0.36 0.00	20.45 0.31 0.00	19.54 0.26 0.00	21.51 0.36 0.00	25.52 0.59 -0.74	32.26 1.00 0.00	33.21 1.26 0.00	33.10 1.27 0.00	34.20 1.24 0.00	31.61 1.02 0.00	30.40 1.15 0.00	30.30 1.53 0.00
JENNISON____2 23626	23.78 0.09 0.00	22.99 0.67 0.00	23.28 0.39 0.00	27.87 0.60 0.00	34.93 1.21 0.00	35.04 0.75 0.00	39.16 1.29 0.00	45.54 1.61 0.00	33.95 1.09 0.00	29.99 0.92 0.00	23.90 0.58 0.00	20.72 0.29 0.00	21.17 0.36 0.00	20.45 0.31 0.00	19.54 0.26 0.00	21.51 0.36 0.00	25.52 0.59 -0.74	32.26 1.00 0.00	33.21 1.26 0.00	33.10 1.27 0.00	34.20 1.24 0.00	31.61 1.02 0.00	30.40 1.15 0.00	30.30 1.53 0.00
JERICOHO_RISE_WT_PWR 323719	23.09 -0.60 0.00	21.71 -0.62 0.00	22.17 -0.72 0.00	26.34 -0.93 0.00	32.79 -0.93 0.00	33.35 -0.93 0.00	36.50 -1.38 0.00	42.02 -1.91 0.00	31.49 -1.36 0.00	27.73 -1.33 0.00	22.13 -1.19 0.00	19.41 -1.02 0.00	19.74 -1.07 0.00	19.05 -1.09 0.00	18.25 -1.04 0.00	17.39 -1.09 2.68	-3.39 -1.32 26.25	29.58 -1.69 0.00	30.31 -1.65 0.00	10.59 -1.66 19.58	31.35 -1.62 0.00	29.29 -1.30 0.00	28.07 -1.18 0.00	27.80 -0.97 0.00
KATONAH__115KV_46KV_TB4 355592	25.42 1.73 0.00	23.87 1.54 0.00	24.43 1.54 0.00	29.12 1.85 0.00	36.04 2.32 0.00	36.88 2.59 0.00	40.98 3.11 0.00	47.82 3.89 0.00	35.84 2.98 0.00	31.75 2.68 0.00	25.51 2.19 -1.31	23.58 1.85 -13.39	36.07 1.86 0.00	21.96 1.82 0.00	21.64 1.74 -0.61	26.99 1.99 -3.84	28.63 2.37 -2.08	34.32 3.06 0.00	35.00 3.05 0.00	34.95 3.12 0.00	36.03 3.07 0.00	33.37 2.78 0.00	31.89 2.64 0.00	31.26 2.49 0.00
KCE_NY_1 323755	25.06 1.37 0.00	23.58 1.26 0.00	24.17 1.27 0.00	28.75 1.48 0.00	35.49 1.77 0.00	36.13 1.84 0.00	40.04 2.17 0.00	46.53 2.60 0.00	34.74 1.89 0.00	30.53 1.46 0.00	24.42 1.11 0.00	21.34 0.92 0.00	21.69 0.88 0.00	20.95 0.81 0.00	20.09 0.81 0.00	22.28 1.12 0.00	28.27 1.51 -2.57	33.24 1.97 0.00	33.95 1.99 0.00	33.82 1.99 0.00	35.00 2.03 0.00	32.43 1.84 0.00	31.00 1.75 0.00	30.39 1.63 0.00
KCE_NY_6_ESR 323823	22.30 -1.39 0.00	21.02 -1.31 0.00	21.90 -0.99 0.00	26.19 -1.08 0.00	32.42 -1.30 0.00	33.60 -0.69 0.00	36.61 -1.27 0.00	41.84 -2.09 0.00	31.53 -1.32 0.00	28.02 -1.05 0.00	22.53 -0.79 0.00	19.72 -0.71 0.00	20.04 -0.78 0.00	19.31 -0.83 0.00	18.60 -0.69 0.00	20.18 -0.98 0.00	23.12 -1.40 -0.34	29.44 -1.82 0.00	30.33 -1.63 0.00	30.04 -1.79 0.00	31.41 -1.56 0.00	27.66 -1.59 1.35	27.30 -1.70 0.25	27.22 -1.35 0.20
KEDC_PORT_JEFF_GT2 24210	31.13 2.55 -4.89	28.83 2.40 -4.10	44.79 2.42 -19.48	44.73 2.91 -14.55	37.35 3.63 0.00	38.13 3.85 0.00	42.34 4.47 0.00	49.34 5.41 0.00	37.08 4.23 0.00	36.05 3.91 -3.07	67.26 3.25 -40.69	58.08 2.75 -34.90	74.52 2.61 -51.09	43.23 2.47 -20.63	64.66 2.44 -42.94	35.62 2.67 -11.79	32.49 3.23 -5.08	35.35 4.07 -0.02	36.06 4.10 0.00	35.90 4.07 0.00	36.78 3.81 0.00	34.19 3.60 0.00	35.22 3.37 -2.60	34.77 3.30 -2.71
KEDC_PORT_JEFF_GT3 24211	31.13 2.55 -4.89	28.83 2.40 -4.10	44.79 2.42 -19.48	44.73 2.91 -14.55	37.35 3.63 0.00	38.13 3.85 0.00	42.34 4.47 0.00	49.34 5.41 0.00	37.08 4.23 0.00	36.05 3.91 -3.07	67.26 3.25 -40.69	58.08 2.75 -34.90	74.52 2.61 -51.09	43.23 2.47 -20.63	64.66 2.44 -42.94	35.62 2.67 -11.79	32.49 3.23 -5.08	35.35 4.07 -0.02	36.06 4.10 0.00	35.90 4.07 0.00	36.78 3.81 0.00	34.19 3.60 0.00	35.22 3.37 -2.60	34.77 3.30 -2.71
KEDC_GLWD_GT4 24219	30.71 2.13 -4.89	28.36 1.93 -4.10	44.30 1.93 -19.48	44.13 2.32 -14.55	36.58 2.86 0.00	37.35 3.06 0.00	41.16 3.29 0.00	47.95 4.02 0.00	36.04 3.18 0.00	35.10 2.96 -3.07	66.53 2.55 -40.67	57.49 2.17 -34.90	74.00 2.22 -50.97	42.71 2.08 -20.49	64.35 2.13 -42.94	35.32 2.37 -11.79	32.52 2.63 -5.71	34.55 3.27 -0.02	35.18 3.23 0.00	35.08 3.26 0.00	36.11 3.15 0.00	33.52 2.93 0.00	34.66 2.81 -2.60	34.44 2.97 -2.71
KEDC_GLWD_GT5 24220	30.71 2.13 -4.89	28.36 1.93 -4.10	44.30 1.93 -19.48	44.13 2.32 -14.55	36.58 2.86 0.00	37.35 3.06 0.00	41.16 3.29 0.00	47.95 4.02 0.00	36.04 3.18 0.00	35.10 2.96 -3.07	66.53 2.55 -40.67	57.49 2.17 -34.90	74.00 2.22 -50.97	42.71 2.08 -20.49	64.35 2.13 -42.94	35.32 2.37 -11.79	32.52 2.63 -5.71	34.55 3.27 -0.02	35.18 3.23 0.00	35.08 3.26 0.00	36.11 3.15 0.00	33.52 2.93 0.00	34.66 2.81 -2.60	34.44 2.97 -2.71
KENSICO____ 23655	25.30 1.61 0.00	23.76 1.43 0.00	24.31 1.42 0.00	28.98 1.71 0.00	35.86 2.14 0.00	36.67 2.38 0.00	40.75 2.87 0.00	47.52 3.59 0.00	35.62 2.76 0.00	31.58 2.50 -0.01	25.86 2.05 -0.50	25.16 1.72 -3.02	49.21 1.73 -26.66	22.27 1.70 -0.44	22.32 1.63 -1.41	30.50 1.86 -7.49	28.50 2.21 -2.11	34.10 2.82 -0.02	34.74 2.79 0.00	34.70 2.87 0.00	35.79 2.82 0.00	33.15 2.55 0.00	31.70 2.45 0.00	31.09 2.32 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.31 1.62 0.00	23.77 1.44 0.00	24.34 1.44 0.00	29.00 1.73 0.00	35.96 2.24 0.00	36.85 2.57 0.00	41.05 3.17 0.00	47.93 4.00 0.00	35.83 2.97 0.00	31.61 2.54 0.00	25.29 1.98 0.00	21.43 1.55 0.54	16.81 1.38 5.39	21.49 1.35 0.00	20.33 1.29 0.25	21.15 1.54 1.55	28.07 1.97 -1.91	34.02 2.76 0.00	34.74 2.78 0.00	34.74 2.92 0.00	36.12 3.15 0.00	33.41 2.82 0.00	31.92 2.67 0.00	31.25 2.48 0.00

KIAC_JFK_GT1 23816	25.45 1.76 0.00	23.92 1.59 0.00	24.46 1.56 0.00	29.12 1.85 0.00	36.11 2.39 0.00	36.96 2.67 0.00	41.15 3.28 0.00	48.15 4.22 0.00	36.09 3.23 0.00	32.52 2.91 -0.55	48.18 2.40 -22.46	46.91 2.01 -24.47	77.42 2.07 -54.53	42.15 2.13 -19.88	32.16 1.97 -10.91	31.75 2.22 -8.37	31.60 2.65 -4.77	35.28 3.30 -0.72	35.23 3.27 0.00	35.18 3.35 0.00	36.25 3.28 0.00	33.58 2.99 0.00	32.13 2.88 0.00	31.43 2.67 0.00
KIAC_JFK_GT2 23817	25.45 1.76 0.00	23.92 1.59 0.00	24.46 1.56 0.00	29.12 1.85 0.00	36.11 2.39 0.00	36.96 2.67 0.00	41.15 3.28 0.00	48.15 4.22 0.00	36.09 3.23 0.00	32.52 2.91 -0.55	48.18 2.40 -22.46	46.91 2.01 -24.47	77.42 2.07 -54.53	42.15 2.13 -19.88	32.16 1.97 -10.91	31.75 2.22 -8.37	31.60 2.65 -4.77	35.28 3.30 -0.72	35.23 3.27 0.00	35.18 3.35 0.00	36.25 3.28 0.00	33.58 2.99 0.00	32.13 2.88 0.00	31.43 2.67 0.00
KIAC_JFK____ 323774	25.46 1.77 0.00	23.92 1.59 0.00	24.46 1.56 0.00	29.12 1.85 0.00	36.11 2.39 0.00	36.96 2.67 0.00	41.15 3.28 0.00	48.15 4.22 0.00	36.09 3.23 0.00	32.52 2.91 -0.55	48.26 2.49 -22.46	46.95 2.06 -24.47	77.46 2.12 -54.53	42.16 2.14 -19.88	32.21 2.02 -10.91	31.75 2.22 -8.37	31.61 2.65 -4.77	35.29 3.31 -0.72	35.23 3.28 0.00	35.18 3.35 0.00	36.25 3.28 0.00	33.58 2.99 0.00	32.13 2.88 0.00	31.43 2.67 0.00
KINTIGH____ 23543	22.11 -1.58 0.00	20.82 -1.51 0.00	21.60 -1.29 0.00	25.80 -1.47 0.00	31.91 -1.80 0.00	32.95 -1.34 0.00	35.94 -1.94 0.00	41.12 -2.81 0.00	30.89 -1.97 0.00	27.46 -1.61 0.00	22.04 -1.28 0.00	19.32 -1.10 0.00	19.64 -1.18 0.00	19.00 -1.13 0.00	18.29 -1.00 0.00	19.88 -1.28 0.00	22.76 -1.72 -0.30	29.00 -2.26 0.00	29.84 -2.12 0.00	29.52 -2.31 0.00	30.80 -2.17 0.00	28.46 -2.13 0.00	27.06 -2.19 0.00	26.92 -1.85 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	23.48 -0.21 0.00	22.08 -0.24 0.00	22.53 -0.36 0.00	26.76 -0.50 0.00	33.33 -0.38 0.00	34.06 -0.22 0.00	37.31 -0.57 0.00	43.01 -0.92 0.00	32.27 -0.58 0.00	28.33 -0.73 0.00	22.54 -0.78 0.00	19.78 -0.64 0.00	20.07 -0.74 0.00	19.35 -0.79 0.00	18.52 -0.76 0.00	17.71 -0.72 2.72	-3.29 -0.86 26.61	30.21 -1.06 0.00	30.99 -0.97 0.00	10.97 -0.98 19.88	32.05 -0.92 0.00	29.94 -0.65 0.00	28.67 -0.58 0.00	28.37 -0.40 0.00
LACHUTE____HYDRO 323717	25.58 1.89 0.00	24.21 1.89 0.00	24.70 1.81 0.00	29.41 2.15 0.00	36.26 2.55 0.00	37.23 2.94 0.00	41.12 3.24 0.00	47.99 4.05 0.00	36.42 3.57 0.00	31.87 2.80 0.00	25.31 1.99 0.00	21.87 1.45 0.00	21.99 1.18 0.00	21.24 1.10 0.00	20.34 1.06 0.00	22.95 1.79 0.00	29.28 2.52 -2.57	34.17 2.91 0.00	34.94 2.98 0.00	34.80 2.98 0.00	35.88 2.91 0.00	33.31 2.72 0.00	31.92 2.67 0.00	31.27 2.51 0.00
LAWRNCV_115KV_TB1 80681	23.18 -0.51 0.00	21.82 -0.51 0.00	22.39 -0.50 0.00	26.69 -0.58 0.00	32.99 -0.73 0.00	33.26 -1.03 0.00	36.53 -1.35 0.00	42.16 -1.77 0.00	31.49 -1.37 0.00	27.83 -1.23 0.00	22.36 -0.96 0.00	19.51 -0.92 0.00	19.89 -0.92 0.00	19.20 -0.94 0.00	18.39 -0.89 0.00	17.91 -0.97 2.27	0.34 -1.18 22.67	29.92 -1.35 0.00	30.64 -1.31 0.00	13.84 -1.41 16.58	31.60 -1.37 0.00	29.42 -1.18 0.00	28.22 -1.03 0.00	27.93 -0.84 0.00
LEDERLE____ 23769	25.32 1.63 0.00	23.77 1.44 0.00	24.32 1.43 0.00	29.01 1.74 0.00	35.89 2.18 0.00	36.73 2.44 0.00	40.82 2.95 0.00	47.55 3.62 0.00	35.59 2.73 0.00	31.53 2.46 0.00	25.33 2.01 5.03	17.08 1.68 51.42	-28.91 1.69 0.00	21.80 1.66 0.00	18.51 1.59 2.36	8.22 1.81 14.75	28.34 2.17 -1.98	34.07 2.81 0.00	34.71 2.76 0.00	34.69 2.86 0.00	35.77 2.80 0.00	33.12 2.53 0.00	31.69 2.44 0.00	31.07 2.30 0.00
LIGHTHSE_115KV_TB6 355974	22.88 -0.81 0.00	21.54 -0.79 0.00	22.20 -0.69 0.00	26.52 -0.74 0.00	32.86 -0.85 0.00	33.64 -0.65 0.00	37.16 -0.71 0.00	43.08 -0.85 0.00	32.11 -0.74 0.00	28.35 -0.72 0.00	22.68 -0.64 0.00	19.77 -0.65 0.00	20.03 -0.78 0.00	19.32 -0.82 0.00	18.44 -0.85 0.00	19.95 -1.01 0.20	20.85 -1.02 2.32	30.41 -0.86 0.00	31.19 -0.77 0.00	29.45 -0.89 1.48	32.02 -0.94 0.00	29.71 -0.88 0.00	28.34 -0.91 0.00	27.97 -0.80 0.00
LINDEN COGEN____ 23786	25.23 1.54 0.00	23.68 1.36 0.00	24.21 1.31 0.00	28.84 1.58 0.00	35.73 2.01 0.00	36.58 2.30 0.00	40.68 2.81 0.00	47.56 3.63 0.00	35.69 2.83 0.00	32.19 2.57 -0.55	47.89 2.11 -22.46	46.65 1.75 -24.47	68.28 1.77 -45.70	41.77 1.75 -19.88	31.86 1.67 -10.91	31.37 1.89 -8.33	31.01 2.26 -4.57	34.87 2.88 -0.72	34.76 2.81 0.00	34.73 2.90 0.00	35.78 2.82 0.00	33.15 2.55 0.00	31.71 2.46 0.00	31.06 2.30 0.00
LINDHRST_69_KV_BK1 356055	30.95 2.37 -4.89	28.58 2.15 -4.10	44.55 2.17 -19.48	44.43 2.61 -14.55	36.96 3.24 0.00	37.70 3.41 0.00	41.84 3.97 0.00	48.73 4.80 0.00	36.65 3.79 0.00	35.65 3.51 -3.07	66.92 2.92 -40.68	57.80 2.47 -34.90	74.28 2.43 -51.04	43.06 2.35 -20.57	64.54 2.31 -42.94	35.50 2.56 -11.79	32.57 3.05 -5.34	35.08 3.80 -0.02	35.75 3.79 0.00	35.63 3.80 0.00	36.68 3.72 0.00	34.12 3.53 0.00	35.17 3.32 -2.60	34.73 3.27 -2.71
LIPA_MISC_IPP 23656	31.08 2.50 -4.89	28.70 2.27 -4.10	44.66 2.28 -19.48	44.58 2.76 -14.55	37.16 3.44 0.00	37.92 3.63 0.00	42.06 4.19 0.00	48.98 5.05 0.00	36.80 3.94 0.00	35.82 3.68 -3.07	67.05 3.04 -40.69	57.90 2.57 -34.90	74.41 2.50 -51.09	43.17 2.40 -20.63	64.59 2.37 -42.94	35.55 2.60 -11.79	32.39 3.14 -5.07	35.21 3.93 -0.02	35.90 3.94 0.00	35.76 3.94 0.00	36.79 3.83 0.00	34.21 3.62 0.00	35.24 3.39 -2.60	34.81 3.34 -2.71
LISF__SOLAR 323691	31.13 2.55 -4.89	28.74 2.32 -4.10	44.70 2.33 -19.48	44.64 2.82 -14.55	37.23 3.51 0.00	37.99 3.70 0.00	42.15 4.28 0.00	49.09 5.16 0.00	36.88 4.02 0.00	35.88 3.74 -3.07	67.11 3.10 -40.69	57.95 2.62 -34.90	74.45 2.54 -51.10	43.21 2.44 -20.63	64.63 2.40 -42.94	35.59 2.64 -11.79	32.44 3.19 -5.07	35.31 4.03 -0.02	35.99 4.03 0.00	35.84 4.02 0.00	36.89 3.92 0.00	34.29 3.70 0.00	35.32 3.46 -2.60	34.88 3.41 -2.71
LITTLE FALLS____HYD 24013	24.15 0.46 0.00	22.82 0.50 0.00	23.34 0.45 0.00	27.85 0.58 0.00	34.38 0.66 0.00	34.90 0.62 0.00	38.80 0.93 0.00	45.20 1.27 0.00	33.64 0.78 0.00	29.45 0.39 0.00	23.52 0.20 0.00	20.51 0.09 0.00	20.81 0.00 0.00	20.12 -0.02 0.00	19.30 0.02 0.00	21.56 0.26 -0.14	26.26 0.56 -1.51	32.21 0.95 0.00	32.89 0.93 0.00	33.89 1.04 -1.01	34.03 1.06 0.00	31.62 1.02 0.00	30.21 0.96 0.00	29.62 0.86 0.00
LITTLRIV_115KV_TB1 356100	23.49 -0.20 0.00	22.11 -0.22 0.00	22.69 -0.20 0.00	27.04 -0.23 0.00	33.44 -0.28 0.00	33.73 -0.56 0.00	37.09 -0.78 0.00	42.84 -1.09 0.00	31.95 -0.91 0.00	28.18 -0.89 0.00	22.60 -0.72 0.00	19.71 -0.71 0.00	20.10 -0.71 0.00	19.39 -0.75 0.00	18.58 -0.70 0.00	18.18 -0.75 2.22	1.06 -0.89 22.23	30.38 -0.89 0.00	31.14 -0.82 0.00	14.69 -0.92 16.22	32.10 -0.86 0.00	29.87 -0.73 0.00	28.63 -0.62 0.00	28.30 -0.46 0.00

LI_NEWBRDGE___DRP 323616	30.52 1.94 -4.89	28.19 1.76 -4.10	44.14 1.76 -19.48	43.94 2.12 -14.55	36.33 2.61 0.00	37.07 2.78 0.00	41.10 3.23 0.00	47.89 3.95 0.00	35.97 3.11 0.00	35.02 2.88 -3.08	66.42 2.40 -40.70	57.36 2.03 -34.90	73.95 2.01 -51.12	42.75 1.95 -20.66	64.15 1.93 -42.94	35.11 2.16 -11.79	31.67 2.56 -4.93	34.45 3.17 -0.02	35.08 3.12 0.00	34.99 3.16 0.00	36.03 3.07 0.00	33.47 2.88 0.00	34.61 2.75 -2.60	34.18 2.70 -2.71
LOCKPORT_115KV_TB60_63_64 80432	22.06 -1.63 0.00	20.78 -1.55 0.00	21.61 -1.28 0.00	25.83 -1.44 0.00	31.99 -1.73 0.00	33.14 -1.15 0.00	36.04 -1.83 0.00	40.96 -2.97 0.00	30.83 -2.03 0.00	27.43 -1.64 0.00	22.02 -1.30 0.00	19.27 -1.15 0.00	19.53 -1.28 0.00	18.89 -1.25 0.00	18.19 -1.09 0.00	19.74 -1.42 0.00	22.57 -1.92 -0.31	28.79 -2.47 0.00	29.70 -2.26 0.00	29.33 -2.50 0.00	30.65 -2.32 0.00	28.30 -2.29 0.00	26.85 -2.40 0.00	26.84 -1.92 0.00
LOCKPORT___CC1 323769	22.03 -1.66 0.00	20.74 -1.58 0.00	21.59 -1.31 0.00	25.79 -1.48 0.00	31.94 -1.78 0.00	33.09 -1.20 0.00	35.97 -1.90 0.00	40.91 -3.02 0.00	30.81 -2.04 0.00	27.41 -1.66 0.00	22.03 -1.29 0.00	19.29 -1.13 0.00	19.55 -1.27 0.00	18.90 -1.24 0.00	18.21 -1.08 0.00	19.75 -1.41 0.00	22.58 -1.92 -0.31	28.77 -2.50 0.00	29.64 -2.32 0.00	29.29 -2.54 0.00	30.62 -2.35 0.00	27.21 -2.31 1.08	26.62 -2.43 0.20	26.65 -1.95 0.16
LOCKPORT___CC2 323770	22.03 -1.66 0.00	20.74 -1.58 0.00	21.59 -1.31 0.00	25.79 -1.48 0.00	31.94 -1.78 0.00	33.09 -1.20 0.00	35.97 -1.90 0.00	40.91 -3.02 0.00	30.81 -2.04 0.00	27.41 -1.66 0.00	22.03 -1.29 0.00	19.29 -1.13 0.00	19.55 -1.27 0.00	18.90 -1.24 0.00	18.21 -1.08 0.00	19.75 -1.41 0.00	22.58 -1.92 -0.31	28.77 -2.50 0.00	29.64 -2.32 0.00	29.29 -2.54 0.00	30.62 -2.35 0.00	27.21 -2.31 1.08	26.62 -2.43 0.20	26.65 -1.95 0.16
LOCKPORT___CC3 323771	22.03 -1.66 0.00	20.74 -1.58 0.00	21.59 -1.31 0.00	25.79 -1.48 0.00	31.94 -1.78 0.00	33.09 -1.20 0.00	35.97 -1.90 0.00	40.91 -3.02 0.00	30.81 -2.04 0.00	27.41 -1.66 0.00	22.03 -1.29 0.00	19.29 -1.13 0.00	19.55 -1.27 0.00	18.90 -1.24 0.00	18.21 -1.08 0.00	19.75 -1.41 0.00	22.58 -1.92 -0.31	28.77 -2.50 0.00	29.64 -2.32 0.00	29.29 -2.54 0.00	30.62 -2.35 0.00	27.21 -2.31 1.08	26.62 -2.43 0.20	26.65 -1.95 0.16
LONG_LAKE_PHOENIX 24014	22.90 -0.79 0.00	21.59 -0.74 0.00	22.18 -0.71 0.00	26.40 -0.87 0.00	32.67 -1.05 0.00	33.38 -0.91 0.00	36.95 -0.92 0.00	42.87 -1.06 0.00	32.03 -0.82 0.00	28.33 -0.74 0.00	22.74 -0.57 0.00	19.92 -0.50 0.00	20.28 -0.53 0.00	19.61 -0.52 0.00	18.74 -0.54 0.00	20.49 -0.67 0.00	23.58 -0.69 -0.09	30.46 -0.80 0.00	31.21 -0.75 0.00	31.04 -0.79 0.00	32.14 -0.83 0.00	29.74 -0.85 0.00	28.37 -0.88 0.00	27.89 -0.87 0.00
LOVETT___3 23632	25.31 1.62 0.00	23.77 1.44 0.00	24.32 1.43 0.00	28.99 1.73 0.00	35.87 2.16 0.00	36.68 2.40 0.00	40.75 2.87 0.00	47.44 3.51 0.00	35.50 2.65 0.00	31.46 2.40 0.00	25.29 1.97 0.00	16.27 1.65 5.80	-36.82 1.66 59.29	21.77 1.63 0.00	18.12 1.56 2.72	5.94 1.79 17.01	28.34 2.13 -2.02	33.99 2.73 0.00	34.64 2.68 0.00	34.60 2.77 0.00	35.68 2.71 0.00	33.06 2.46 0.00	31.61 2.36 0.00	30.99 2.22 0.00
LOVETT___4 23642	25.31 1.62 0.00	23.77 1.44 0.00	24.32 1.43 0.00	28.99 1.73 0.00	35.87 2.16 0.00	36.68 2.40 0.00	40.75 2.87 0.00	47.44 3.51 0.00	35.50 2.65 0.00	31.46 2.40 0.00	25.29 1.97 0.00	16.27 1.65 5.80	-36.82 1.66 59.29	21.77 1.63 0.00	18.12 1.56 2.72	5.94 1.79 17.01	28.34 2.13 -2.02	33.99 2.73 0.00	34.64 2.68 0.00	34.60 2.77 0.00	35.68 2.71 0.00	33.06 2.46 0.00	31.61 2.36 0.00	30.99 2.22 0.00
LOVETT___5 23593	25.31 1.62 0.00	23.77 1.44 0.00	24.32 1.43 0.00	28.99 1.73 0.00	35.87 2.16 0.00	36.68 2.40 0.00	40.75 2.87 0.00	47.44 3.51 0.00	35.50 2.65 0.00	31.46 2.40 0.00	25.29 1.97 0.00	16.27 1.65 5.80	-36.82 1.66 59.29	21.77 1.63 0.00	18.12 1.56 2.72	5.94 1.79 17.01	28.34 2.13 -2.02	33.99 2.73 0.00	34.64 2.68 0.00	34.60 2.77 0.00	35.68 2.71 0.00	33.06 2.46 0.00	31.61 2.36 0.00	30.99 2.22 0.00
LOWER RAQUET___HYD 24057	23.09 -0.60 0.00	21.73 -0.60 0.00	22.31 -0.58 0.00	26.58 -0.68 0.00	32.86 -0.86 0.00	33.11 -1.17 0.00	36.37 -1.50 0.00	41.98 -1.94 0.00	31.35 -1.51 0.00	27.69 -1.37 0.00	22.25 -1.07 0.00	19.39 -1.03 0.00	19.76 -1.05 0.00	19.07 -1.07 0.00	18.26 -1.03 0.00	17.87 -1.11 2.18	1.07 -1.32 21.79	29.77 -1.49 0.00	30.51 -1.45 0.00	14.40 -1.55 15.88	31.45 -1.52 0.00	29.27 -1.33 0.00	28.11 -1.14 0.00	27.84 -0.93 0.00
LOWER___HUDSON 24059	24.94 1.25 0.00	23.47 1.15 0.00	24.05 1.15 0.00	28.63 1.37 0.00	35.31 1.59 0.00	35.88 1.59 0.00	39.76 1.89 0.00	46.22 2.29 0.00	34.53 1.67 0.00	30.46 1.39 0.00	24.39 1.08 0.00	21.33 0.91 0.00	21.66 0.85 0.00	20.96 0.82 0.00	20.08 0.80 0.00	22.21 1.05 0.00	28.00 1.28 -2.53	32.90 1.63 0.00	33.60 1.64 0.00	33.49 1.66 0.00	34.69 1.72 0.00	32.19 1.60 0.00	30.80 1.55 0.00	30.25 1.49 0.00
LOWVILLE_115KV_TB2 356335	23.18 -0.51 0.00	21.77 -0.55 0.00	22.55 -0.34 0.00	27.07 -0.20 0.00	33.66 -0.06 0.00	34.53 0.24 0.00	38.20 0.33 0.00	44.19 0.26 0.00	32.84 -0.02 0.00	28.88 -0.18 0.00	22.98 -0.34 0.00	19.91 -0.51 0.00	20.03 -0.78 0.00	19.21 -0.93 0.00	18.29 -0.99 0.00	19.57 -1.06 0.53	21.31 -0.85 2.02	31.05 -0.21 0.00	31.89 -0.07 0.00	27.64 -0.30 3.89	32.59 -0.37 0.00	30.16 -0.43 0.00	28.80 -0.45 0.00	28.57 -0.19 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	25.06 1.37 0.00	23.59 1.27 0.00	24.16 1.27 0.00	28.75 1.48 0.00	35.46 1.74 0.00	36.12 1.83 0.00	40.02 2.14 0.00	46.51 2.58 0.00	34.71 1.85 0.00	30.51 1.44 0.00	24.42 1.10 0.00	21.34 0.91 0.00	21.68 0.87 0.00	20.96 0.82 0.00	20.10 0.81 0.00	22.27 1.11 0.00	28.23 1.47 -2.57	33.19 1.93 0.00	33.91 1.96 0.00	33.79 1.96 0.00	34.96 1.99 0.00	32.40 1.81 0.00	30.97 1.72 0.00	30.38 1.62 0.00
LUTHERNY_35_KV_BK2 355980	25.06 1.37 0.00	23.58 1.26 0.00	24.17 1.27 0.00	28.75 1.48 0.00	35.49 1.77 0.00	36.13 1.85 0.00	40.04 2.17 0.00	46.53 2.60 0.00	34.75 1.89 0.00	30.53 1.46 0.00	24.42 1.10 0.00	21.34 0.92 0.00	21.69 0.87 0.00	20.95 0.81 0.00	20.09 0.81 0.00	22.28 1.12 0.00	28.27 1.51 -2.57	33.23 1.97 0.00	33.95 1.99 0.00	33.82 1.99 0.00	35.00 2.03 0.00	32.43 1.84 0.00	31.00 1.75 0.00	30.39 1.63 0.00
LWR___OSWEGATCHIE_HYD 23850	23.00 -0.69 0.00	21.62 -0.71 0.00	22.30 -0.59 0.00	26.68 -0.59 0.00	33.07 -0.65 0.00	33.63 -0.66 0.00	37.08 -0.79 0.00	42.86 -1.07 0.00	31.90 -0.96 0.00	28.10 -0.97 0.00	22.46 -0.85 0.00	19.50 -0.92 0.00	19.74 -1.07 0.00	18.99 -1.16 0.00	18.12 -1.16 0.00	18.47 -1.25 1.44	7.55 -1.26 15.37	30.23 -1.03 0.00	31.01 -0.95 0.00	20.18 -1.12 10.53	31.83 -1.14 0.00	29.54 -1.06 0.00	28.28 -0.97 0.00	28.03 -0.73 0.00

LYONS_FALL_HYD 23570	23.62 -0.07 0.00	22.21 -0.12 0.00	22.92 0.03 0.00	27.43 0.16 0.00	34.05 0.33 0.00	34.86 0.58 0.00	38.63 0.75 0.00	44.75 0.82 0.00	33.33 0.47 0.00	29.35 0.29 0.00	23.42 0.10 0.00	20.34 -0.08 0.00	20.58 -0.24 0.00	19.80 -0.34 0.00	18.91 -0.38 0.00	20.46 -0.40 0.30	21.21 -0.16 2.82	31.63 0.37 0.00	32.42 0.46 0.00	29.96 0.32 2.19	33.25 0.28 0.00	30.79 0.19 0.00	29.38 0.13 0.00	29.03 0.26 0.00
MADISON___COUNTY_LFGE 323628	24.15 0.45 0.00	22.77 0.44 0.00	23.38 0.48 0.00	27.90 0.63 0.00	34.50 0.79 0.00	35.31 1.03 0.00	39.20 1.32 0.00	45.51 1.58 0.00	33.97 1.11 0.00	29.96 0.89 0.00	23.98 0.66 0.00	20.88 0.46 0.00	21.22 0.41 0.00	20.55 0.42 0.00	19.68 0.39 0.00	21.56 0.41 0.00	25.31 0.67 -0.46	32.38 1.12 0.00	33.12 1.17 0.00	32.95 1.12 0.00	34.12 1.15 0.00	31.57 0.98 0.00	30.08 0.83 0.00	29.59 0.83 0.00
MALONE___115KV_TB1 356076	23.45 -0.24 0.00	22.04 -0.29 0.00	22.55 -0.34 0.00	26.82 -0.45 0.00	33.34 -0.37 0.00	33.88 -0.41 0.00	37.12 -0.75 0.00	42.83 -1.10 0.00	32.08 -0.77 0.00	28.29 -0.78 0.00	22.60 -0.71 0.00	19.79 -0.63 0.00	20.11 -0.71 0.00	19.38 -0.76 0.00	18.55 -0.73 0.00	17.85 -0.75 2.56	-1.86 -0.90 25.14	30.22 -1.04 0.00	31.01 -0.95 0.00	12.19 -0.99 18.65	32.04 -0.93 0.00	29.89 -0.70 0.00	28.60 -0.65 0.00	28.32 -0.45 0.00
MAPLEWOD_115KV_TB3 80458	24.92 1.23 0.00	23.46 1.12 0.00	24.01 1.12 0.00	28.58 1.32 0.00	35.23 1.51 0.00	35.85 1.56 0.00	39.69 1.82 0.00	46.03 2.09 0.00	34.29 1.44 0.00	30.35 1.29 0.00	24.34 1.02 0.00	21.32 0.90 0.00	21.66 0.85 0.00	20.98 0.84 0.00	20.10 0.82 0.00	22.19 1.03 0.00	27.95 1.25 -2.51	32.86 1.60 0.00	33.56 1.60 0.00	33.43 1.60 0.00	34.58 1.61 0.00	32.09 1.50 0.00	30.69 1.44 0.00	30.20 1.43 0.00
MAPLE_RIDGE_WT_1 323574	23.22 -0.47 0.00	21.93 -0.40 0.00	22.52 -0.37 0.00	26.86 -0.40 0.00	33.34 -0.38 0.00	33.84 -0.44 0.00	37.30 -0.58 0.00	43.14 -0.78 0.00	32.23 -0.63 0.00	28.47 -0.60 0.00	22.81 -0.51 0.00	19.96 -0.46 0.00	20.32 -0.50 0.00	19.57 -0.57 0.00	18.69 -0.59 0.00	15.79 -0.66 4.70	-22.03 -0.68 45.54	30.49 -0.77 0.00	31.11 -0.84 0.00	-3.40 -0.91 34.32	32.13 -0.84 0.00	29.91 -0.69 0.00	28.58 -0.66 0.00	28.22 -0.54 0.00
MAPLE_RIDGE_WT_2 323611	23.22 -0.47 0.00	21.93 -0.40 0.00	22.52 -0.37 0.00	26.86 -0.40 0.00	33.34 -0.38 0.00	33.84 -0.44 0.00	37.30 -0.58 0.00	43.14 -0.78 0.00	32.23 -0.63 0.00	28.47 -0.60 0.00	22.81 -0.51 0.00	19.96 -0.46 0.00	20.32 -0.50 0.00	19.57 -0.57 0.00	18.69 -0.59 0.00	15.79 -0.66 4.70	-22.03 -0.68 45.54	30.49 -0.77 0.00	31.11 -0.84 0.00	-3.40 -0.91 34.32	32.13 -0.84 0.00	29.91 -0.69 0.00	28.58 -0.66 0.00	28.22 -0.54 0.00
MARBLE_RIVER_WT_PWR 323696	23.06 -0.63 0.00	21.68 -0.65 0.00	22.12 -0.77 0.00	26.28 -0.98 0.00	32.71 -1.00 0.00	33.33 -0.96 0.00	36.50 -1.38 0.00	42.05 -1.88 0.00	31.50 -1.35 0.00	27.70 -1.36 0.00	22.08 -1.24 0.00	19.37 -1.05 0.00	19.69 -1.13 0.00	19.00 -1.14 0.00	18.19 -1.09 0.00	17.29 -1.13 2.74	-3.91 -1.36 26.73	29.51 -1.75 0.00	30.25 -1.71 0.00	10.13 -1.71 19.98	31.28 -1.69 0.00	29.24 -1.35 0.00	28.02 -1.23 0.00	27.76 -1.00 0.00
MARSHVLE_115KV_TB1 80742	24.51 0.82 0.00	23.10 0.77 0.00	23.73 0.84 0.00	28.29 1.02 0.00	35.17 1.45 0.00	35.88 1.59 0.00	39.68 1.81 0.00	46.18 2.25 0.00	34.38 1.52 0.00	30.16 1.10 0.00	24.15 0.83 0.00	21.09 0.66 0.00	21.45 0.64 0.00	20.76 0.62 0.00	19.89 0.61 0.00	21.75 0.59 0.00	27.91 0.79 -2.94	32.70 1.44 0.00	33.55 1.59 0.00	33.38 1.55 0.00	34.54 1.58 0.00	32.16 1.56 0.00	30.63 1.38 0.00	30.11 1.35 0.00
MARSH_HILL_WT_PWR 323713	22.38 -1.31 0.00	21.56 -0.77 0.00	21.46 -1.43 0.00	26.24 -1.02 0.00	32.80 -0.92 0.00	32.99 -1.30 0.00	36.96 -0.91 0.00	43.83 -0.10 0.00	32.81 -0.04 0.00	28.81 -0.26 0.00	22.95 -0.36 0.00	19.84 -0.59 0.00	20.12 -0.69 0.00	19.34 -0.80 0.00	18.31 -0.97 0.00	19.97 -1.19 0.00	23.44 -1.22 -0.48	30.21 -1.05 0.00	31.69 -0.26 0.00	31.79 -0.04 0.00	33.09 0.13 0.00	31.00 0.07 -0.34	29.76 0.45 -0.06	29.11 0.29 -0.05
MCINTYRE_115KV_TB2 80467	23.74 0.05 0.00	22.36 0.03 0.00	22.94 0.05 0.00	27.33 0.07 0.00	33.82 0.11 0.00	34.14 -0.14 0.00	37.55 -0.33 0.00	43.37 -0.56 0.00	32.31 -0.55 0.00	28.44 -0.63 0.00	22.78 -0.54 0.00	19.91 -0.52 0.00	20.31 -0.50 0.00	19.61 -0.53 0.00	18.80 -0.48 0.00	18.35 -0.51 2.30	0.68 -0.62 22.89	30.75 -0.51 0.00	31.53 -0.43 0.00	14.54 -0.52 16.77	32.52 -0.45 0.00	30.24 -0.36 0.00	28.95 -0.30 0.00	28.59 -0.18 0.00
MECO_____69_KV_BK1 80468	25.75 2.06 0.00	24.25 1.92 0.00	24.89 1.99 0.00	29.68 2.41 0.00	36.88 3.16 0.00	37.76 3.48 0.00	42.03 4.15 0.00	48.97 5.04 0.00	35.88 3.02 0.00	30.66 1.60 0.00	24.20 0.88 0.00	21.06 0.64 0.00	21.41 0.59 0.00	20.75 0.61 0.00	19.96 0.68 0.00	22.02 0.86 0.00	28.77 1.76 -2.83	34.74 3.48 0.00	35.80 3.84 0.00	35.58 3.75 0.00	36.74 3.78 0.00	34.01 3.42 0.00	32.31 3.06 0.00	31.67 2.91 0.00
MENANDS___115KV_TB5 355628	24.87 1.17 0.00	23.40 1.07 0.00	23.95 1.06 0.00	28.50 1.24 0.00	35.12 1.40 0.00	35.73 1.44 0.00	39.52 1.65 0.00	45.79 1.86 0.00	34.21 1.35 0.00	30.30 1.23 0.00	24.29 0.97 0.00	21.28 0.86 0.00	21.62 0.81 0.00	20.94 0.80 0.00	20.05 0.77 0.00	22.11 0.95 0.00	27.84 1.15 -2.51	32.68 1.42 0.00	33.36 1.40 0.00	33.23 1.40 0.00	34.38 1.41 0.00	31.91 1.32 0.00	30.53 1.28 0.00	30.08 1.31 0.00
MG INDUSTRY___DRP 24185	24.79 1.10 0.00	23.34 1.02 0.00	23.92 1.02 0.00	28.48 1.22 0.00	35.13 1.41 0.00	35.74 1.46 0.00	39.51 1.64 0.00	45.76 1.82 0.00	34.07 1.22 0.00	30.14 1.07 0.00	24.10 0.78 0.00	21.09 0.67 0.00	21.45 0.64 0.00	20.76 0.62 0.00	19.89 0.60 0.00	21.96 0.81 0.00	27.68 1.04 -2.45	32.63 1.37 0.00	33.32 1.36 0.00	33.19 1.36 0.00	34.33 1.36 0.00	31.89 1.30 0.00	30.52 1.27 0.00	30.04 1.28 0.00
MID___OSWEGATCHIE_HYD 23849	23.00 -0.69 0.00	21.62 -0.71 0.00	22.30 -0.59 0.00	26.68 -0.59 0.00	33.07 -0.65 0.00	33.63 -0.66 0.00	37.08 -0.79 0.00	42.86 -1.07 0.00	31.90 -0.96 0.00	28.10 -0.97 0.00	22.46 -0.85 0.00	19.50 -0.92 0.00	19.74 -1.07 0.00	18.99 -1.16 0.00	18.12 -1.16 0.00	18.47 -1.25 1.44	7.55 -1.26 15.37	30.23 -1.03 0.00	31.01 -0.95 0.00	20.18 -1.12 10.53	31.83 -1.14 0.00	29.54 -1.06 0.00	28.28 -0.97 0.00	28.03 -0.73 0.00
MID___RAQUETTE_HYD 23851	23.09 -0.60 0.00	21.73 -0.60 0.00	22.31 -0.58 0.00	26.58 -0.68 0.00	32.86 -0.86 0.00	33.11 -1.17 0.00	36.37 -1.50 0.00	41.98 -1.95 0.00	31.34 -1.52 0.00	27.69 -1.37 0.00	22.25 -1.07 0.00	19.39 -1.03 0.00	19.76 -1.05 0.00	19.07 -1.07 0.00	18.26 -1.03 0.00	17.87 -1.11 2.18	1.07 -1.32 21.79	29.77 -1.49 0.00	30.51 -1.45 0.00	14.40 -1.55 15.88	31.45 -1.52 0.00	29.27 -1.33 0.00	28.11 -1.14 0.00	27.84 -0.93 0.00

MILLIKEN___1 23584	23.81 0.12 0.00	22.50 0.17 0.00	23.09 0.20 0.00	27.55 0.28 0.00	34.10 0.38 0.00	34.86 0.57 0.00	38.73 0.86 0.00	45.01 1.08 0.00	33.64 0.78 0.00	29.74 0.67 0.00	23.79 0.47 0.00	20.73 0.31 0.00	21.11 0.30 0.00	20.40 0.26 0.00	19.49 0.20 0.00	21.30 0.14 0.00	24.93 0.30 -0.45	31.86 0.60 0.00	32.72 0.76 0.00	32.60 0.77 0.00	33.76 0.79 0.00	31.20 0.61 0.00	29.77 0.52 0.00	29.29 0.53 0.00
MILLIKEN___2 23585	23.81 0.12 0.00	22.50 0.17 0.00	23.09 0.20 0.00	27.55 0.28 0.00	34.10 0.38 0.00	34.86 0.57 0.00	38.73 0.86 0.00	45.01 1.08 0.00	33.64 0.78 0.00	29.74 0.67 0.00	23.79 0.47 0.00	20.73 0.31 0.00	21.11 0.30 0.00	20.40 0.26 0.00	19.49 0.20 0.00	21.30 0.14 0.00	24.93 0.30 -0.45	31.86 0.60 0.00	32.72 0.76 0.00	32.60 0.77 0.00	33.76 0.79 0.00	31.20 0.61 0.00	29.77 0.52 0.00	29.29 0.53 0.00
MILLIKEN___DIESEL 23629	23.81 0.12 0.00	22.50 0.17 0.00	23.09 0.20 0.00	27.55 0.28 0.00	34.10 0.38 0.00	34.86 0.57 0.00	38.73 0.86 0.00	45.01 1.08 0.00	33.64 0.78 0.00	29.74 0.67 0.00	23.79 0.47 0.00	20.73 0.31 0.00	21.11 0.30 0.00	20.40 0.26 0.00	19.49 0.20 0.00	21.30 0.14 0.00	24.93 0.30 -0.45	31.86 0.60 0.00	32.72 0.76 0.00	32.60 0.77 0.00	33.76 0.79 0.00	31.20 0.61 0.00	29.77 0.52 0.00	29.29 0.53 0.00
MILLSEAT___LFGE 323607	22.56 -1.13 0.00	21.25 -1.08 0.00	22.08 -0.81 0.00	26.37 -0.89 0.00	32.68 -1.04 0.00	33.86 -0.43 0.00	36.95 -0.92 0.00	42.15 -1.77 0.00	31.72 -1.14 0.00	28.13 -0.94 0.00	22.53 -0.79 0.00	19.68 -0.74 0.00	19.94 -0.87 0.00	19.29 -0.85 0.00	18.57 -0.71 0.00	20.16 -1.00 0.00	23.16 -1.33 -0.31	29.65 -1.61 0.00	30.56 -1.40 0.00	30.21 -1.62 0.00	31.52 -1.45 0.00	28.10 -1.51 0.98	27.37 -1.70 0.18	27.32 -1.30 0.15
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.25 1.56 0.00	23.72 1.39 0.00	24.27 1.38 0.00	28.93 1.67 0.00	35.80 2.08 0.00	36.61 2.32 0.00	40.68 2.81 0.00	47.42 3.49 0.00	35.54 2.68 0.00	31.49 2.42 0.00	25.30 1.99 0.00	24.82 1.66 -2.73	50.52 1.67 -28.03	21.78 1.64 0.00	22.15 1.58 -1.29	31.00 1.80 -8.04	28.37 2.14 -2.04	34.02 2.75 0.00	34.66 2.70 0.00	34.62 2.79 0.00	35.71 2.74 0.00	33.09 2.49 0.00	31.64 2.39 0.00	31.03 2.26 0.00
MILLWOOD_13_KV_LOAD 356217	25.31 1.62 0.00	23.77 1.44 0.00	24.33 1.44 0.00	29.01 1.74 0.00	35.89 2.18 0.00	36.70 2.42 0.00	40.79 2.92 0.00	47.56 3.63 0.00	35.64 2.78 0.00	31.58 2.51 0.00	25.38 2.06 0.00	24.88 1.73 -2.73	50.58 1.74 -28.03	21.84 1.70 0.00	22.20 1.63 -1.29	31.07 1.87 -8.04	28.45 2.22 -2.04	34.12 2.86 0.00	34.78 2.82 0.00	34.73 2.90 0.00	35.82 2.85 0.00	33.18 2.59 0.00	31.73 2.48 0.00	31.10 2.34 0.00
MODEL_CITY_ENERGY 24167	21.82 -1.87 0.00	20.56 -1.77 0.00	21.38 -1.51 0.00	25.55 -1.72 0.00	31.64 -2.07 0.00	32.77 -1.51 0.00	35.59 -2.28 0.00	40.39 -3.54 0.00	30.43 -2.43 0.00	27.09 -1.98 0.00	21.78 -1.54 0.00	19.08 -1.34 0.00	19.32 -1.50 0.00	18.69 -1.45 0.00	18.00 -1.28 0.00	19.52 -1.64 0.00	22.30 -2.20 -0.32	28.39 -2.88 0.00	29.25 -2.71 0.00	28.90 -2.93 0.00	30.22 -2.75 0.00	26.79 -2.67 1.13	26.28 -2.76 0.21	26.35 -2.25 0.17
MODERN_LFGE___ 323580	21.82 -1.87 0.00	20.56 -1.77 0.00	21.38 -1.51 0.00	25.55 -1.72 0.00	31.64 -2.07 0.00	32.77 -1.51 0.00	35.59 -2.28 0.00	40.39 -3.54 0.00	30.43 -2.43 0.00	27.09 -1.98 0.00	21.78 -1.54 0.00	19.08 -1.34 0.00	19.32 -1.50 0.00	18.69 -1.45 0.00	18.00 -1.28 0.00	19.52 -1.64 0.00	22.30 -2.20 -0.32	28.39 -2.88 0.00	29.25 -2.71 0.00	28.90 -2.93 0.00	30.22 -2.75 0.00	26.79 -2.67 1.13	26.28 -2.76 0.21	26.35 -2.25 0.17
MOHAWK_PAPER___DRP 24187	24.92 1.23 0.00	23.46 1.12 0.00	24.01 1.12 0.00	28.58 1.32 0.00	35.23 1.51 0.00	35.85 1.56 0.00	39.69 1.82 0.00	46.03 2.09 0.00	34.29 1.44 0.00	30.35 1.29 0.00	24.34 1.02 0.00	21.32 0.90 0.00	21.66 0.85 0.00	20.98 0.84 0.00	20.10 0.82 0.00	22.19 1.03 0.00	27.95 1.25 -2.51	32.86 1.60 0.00	33.56 1.60 0.00	33.43 1.60 0.00	34.58 1.61 0.00	32.09 1.50 0.00	30.69 1.44 0.00	30.20 1.43 0.00
MOHICAN___35_KV_115KV_LD 80490	25.11 1.42 0.00	23.67 1.34 0.00	24.16 1.27 0.00	28.70 1.44 0.00	35.30 1.58 0.00	36.02 1.73 0.00	39.82 1.94 0.00	46.29 2.36 0.00	34.46 1.60 0.00	30.20 1.14 0.00	24.18 0.87 0.00	21.18 0.75 0.00	21.44 0.62 0.00	20.73 0.58 0.00	19.86 0.58 0.00	22.11 0.95 0.00	28.17 1.41 -2.57	33.10 1.83 0.00	33.83 1.87 0.00	33.69 1.87 0.00	34.83 1.86 0.00	32.29 1.70 0.00	30.85 1.60 0.00	30.24 1.47 0.00
MONGAUP___HYD 23641	24.96 1.27 0.00	23.45 1.13 0.00	24.02 1.13 0.00	28.64 1.38 0.00	35.44 1.72 0.00	36.20 1.92 0.00	40.03 2.15 0.00	46.63 2.71 0.00	34.84 1.98 0.00	30.78 1.71 0.00	24.87 1.56 0.00	19.30 1.22 2.34	-1.88 1.18 23.87	21.29 1.15 0.00	19.29 1.11 1.10	15.61 1.30 6.85	27.50 1.47 -1.84	33.40 2.13 0.00	34.10 2.15 0.00	34.05 2.22 0.00	35.15 2.18 0.00	32.56 1.96 0.00	31.35 2.10 0.00	30.69 1.92 0.00
MONTAUK___DIESEL 23721	31.86 3.28 -4.89	29.43 3.00 -4.10	45.41 3.03 -19.48	45.51 3.69 -14.55	38.33 4.61 0.00	39.21 4.92 0.00	43.57 5.70 0.00	50.73 6.79 0.00	37.85 4.99 0.00	36.97 4.83 -3.07	67.92 3.91 -40.69	58.66 3.34 -34.90	75.15 3.25 -51.09	43.88 3.11 -20.63	65.28 3.05 -42.94	36.30 3.36 -11.79	33.32 4.06 -5.07	36.51 5.23 -0.02	37.24 5.29 0.00	37.08 5.26 0.00	38.14 5.17 0.00	35.43 4.83 0.00	36.36 4.50 -2.60	35.89 4.42 -2.71
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.68 -1.01 0.00	21.31 -1.02 0.00	22.36 -0.53 0.00	26.80 -0.47 0.00	33.11 -0.60 0.00	34.57 0.28 0.00	37.90 0.03 0.00	43.45 -0.48 0.00	32.67 -0.19 0.00	28.98 -0.09 0.00	23.21 -0.10 0.00	20.32 -0.10 0.00	20.66 -0.15 0.00	19.83 -0.31 0.00	19.00 -0.28 0.00	20.52 -0.64 0.00	23.71 -0.84 -0.36	30.38 -0.89 0.00	31.30 -0.66 0.00	31.37 -0.46 0.00	32.82 -0.15 0.00	30.34 -0.25 0.00	28.84 -0.41 0.00	28.56 -0.21 0.00
MORTIMER_115KV_TB3 55949	22.72 -0.97 0.00	21.40 -0.93 0.00	22.13 -0.77 0.00	26.39 -0.88 0.00	32.67 -1.05 0.00	33.67 -0.62 0.00	36.97 -0.90 0.00	42.55 -1.38 0.00	31.91 -0.94 0.00	28.27 -0.79 0.00	22.65 -0.67 0.00	19.83 -0.60 0.00	20.16 -0.66 0.00	19.50 -0.64 0.00	18.73 -0.55 0.00	20.41 -0.75 0.00	23.51 -0.96 -0.28	30.09 -1.18 0.00	30.95 -1.01 0.00	30.65 -1.18 0.00	31.87 -1.09 0.00	29.43 -1.16 0.00	27.96 -1.29 0.00	27.68 -1.09 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.38 1.69 0.00	23.84 1.51 0.00	24.37 1.47 0.00	29.03 1.77 0.00	35.96 2.24 0.00	36.80 2.52 0.00	40.92 3.05 0.00	47.82 3.88 0.00	35.88 3.03 0.00	32.49 2.74 -0.68	53.27 2.25 -27.70	51.94 1.89 -29.63	84.26 1.91 -61.53	46.53 1.87 -24.52	34.27 1.80 -13.19	31.82 2.03 -8.63	31.74 2.40 -5.15	35.22 3.07 -0.89	34.98 3.03 0.00	34.95 3.12 0.00	36.03 3.06 0.00	33.37 2.78 0.00	31.91 2.66 0.00	31.26 2.49 0.00

MUNSVILLE_WIND_PWR 323609	24.42 0.73 0.00	23.42 1.09 0.00	23.97 1.07 0.00	28.65 1.39 0.00	35.74 2.02 0.00	36.25 1.97 0.00	40.69 2.82 0.00	47.40 3.47 0.00	35.11 2.26 0.00	30.99 1.92 0.00	24.61 1.29 0.00	21.27 0.84 0.00	21.69 0.88 0.00	21.00 0.86 0.00	20.09 0.80 0.00	22.08 0.92 0.00	26.25 1.40 -0.66	33.43 2.17 0.00	34.42 2.46 0.00	34.32 2.49 0.00	35.60 2.63 0.00	33.17 2.27 -0.31	31.38 2.07 -0.06	31.22 2.40 -0.05
N SALMON___HYD 24042	23.45 -0.24 0.00	22.04 -0.29 0.00	22.55 -0.34 0.00	26.82 -0.45 0.00	33.34 -0.37 0.00	33.88 -0.41 0.00	37.12 -0.75 0.00	42.83 -1.10 0.00	32.09 -0.77 0.00	28.29 -0.78 0.00	22.60 -0.71 0.00	19.79 -0.64 0.00	20.11 -0.71 0.00	19.38 -0.76 0.00	18.55 -0.73 0.00	17.85 -0.75 2.56	-1.86 -0.90 25.14	30.22 -1.04 0.00	31.01 -0.94 0.00	12.18 -0.99 18.65	32.04 -0.93 0.00	29.90 -0.70 0.00	28.60 -0.65 0.00	28.32 -0.45 0.00
N.AKRON___115KV_KNAPP 355671	22.54 -1.15 0.00	21.24 -1.09 0.00	22.07 -0.82 0.00	26.37 -0.90 0.00	32.67 -1.05 0.00	33.85 -0.43 0.00	36.94 -0.94 0.00	42.12 -1.81 0.00	31.68 -1.18 0.00	28.11 -0.96 0.00	22.51 -0.81 0.00	19.65 -0.77 0.00	19.93 -0.88 0.00	19.27 -0.87 0.00	18.58 -0.70 0.00	20.14 -1.01 0.00	23.13 -1.37 -0.31	29.62 -1.64 0.00	30.54 -1.41 0.00	30.17 -1.65 0.00	31.49 -1.48 0.00	29.05 -1.55 0.00	27.53 -1.71 0.00	27.45 -1.32 0.00
N.BELMOR_69_KV_BK1 55787	30.68 2.10 -4.89	28.33 1.90 -4.10	44.28 1.90 -19.48	44.11 2.29 -14.55	36.54 2.82 0.00	37.30 3.02 0.00	41.37 3.49 0.00	48.17 4.24 0.00	36.20 3.34 0.00	35.23 3.09 -3.07	66.51 2.53 -40.66	57.48 2.15 -34.90	73.89 2.15 -50.92	42.66 2.09 -20.44	64.29 2.07 -42.94	35.27 2.33 -11.79	32.85 2.74 -5.93	34.60 3.32 -0.02	35.24 3.28 0.00	35.14 3.31 0.00	36.21 3.24 0.00	33.70 3.11 0.00	34.81 2.96 -2.60	34.39 2.92 -2.71
N.E._GEN_SANDY PD 24062	29.02 1.42 -3.92	29.34 1.28 -5.74	29.39 1.30 -5.20	32.36 1.57 -3.52	36.29 1.88 -0.70	36.22 1.93 0.00	40.18 2.30 0.00	46.83 2.90 0.00	36.32 2.19 -1.27	30.97 1.91 0.00	24.84 1.52 0.00	22.33 1.29 -0.62	28.58 1.28 -6.49	22.56 1.26 -1.16	20.78 1.20 -0.30	25.14 1.47 -2.51	28.83 1.73 -2.92	32.45 2.17 0.98	33.50 2.16 0.62	34.04 2.22 0.00	35.23 2.26 0.00	32.65 2.06 0.00	31.79 2.02 -0.52	30.96 1.92 -0.28
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.30 1.61 0.00	23.76 1.43 0.00	24.31 1.42 0.00	28.98 1.72 0.00	35.86 2.15 0.00	36.68 2.40 0.00	40.75 2.88 0.00	47.46 3.53 0.00	35.53 2.67 0.00	31.48 2.42 0.00	25.29 1.98 0.00	16.67 1.66 5.41	-32.84 1.66 55.32	21.77 1.64 0.00	18.31 1.57 2.54	7.08 1.79 15.87	28.32 2.13 -2.00	34.01 2.75 0.00	34.66 2.70 0.00	34.63 2.80 0.00	35.71 2.74 0.00	33.08 2.48 0.00	31.63 2.39 0.00	31.02 2.25 0.00
N.QUEENS_27_KV_LOAD 356247	25.44 1.75 0.00	23.94 1.61 0.00	24.37 1.48 0.00	29.06 1.80 0.00	36.02 2.30 0.00	36.88 2.59 0.00	40.99 3.12 0.00	47.92 3.99 0.00	36.01 3.15 0.00	32.43 2.82 -0.55	48.07 2.29 -22.46	46.82 1.93 -24.47	77.23 1.92 -54.50	41.85 1.84 -19.87	32.01 1.81 -10.91	31.67 2.15 -8.37	31.38 2.41 -4.79	35.13 3.11 -0.75	35.09 3.13 0.00	35.05 3.23 0.00	36.13 3.17 0.00	33.47 2.87 0.00	32.00 2.75 0.00	31.31 2.54 0.00
N.TROY___115KV_TB1 355778	24.94 1.25 0.00	23.47 1.15 0.00	24.05 1.15 0.00	28.63 1.37 0.00	35.31 1.59 0.00	35.88 1.59 0.00	39.76 1.89 0.00	46.23 2.29 0.00	34.54 1.68 0.00	30.46 1.39 0.00	24.39 1.08 0.00	21.33 0.91 0.00	21.66 0.85 0.00	20.96 0.82 0.00	20.08 0.80 0.00	22.21 1.05 0.00	28.00 1.29 -2.53	32.90 1.63 0.00	33.60 1.64 0.00	33.49 1.66 0.00	34.69 1.72 0.00	32.19 1.60 0.00	30.81 1.56 0.00	30.26 1.49 0.00
NARROWS_GT1_1 24228	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
NARROWS_GT1_2 24229	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
NARROWS_GT1_3 24230	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
NARROWS_GT1_4 24231	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
NARROWS_GT1_5 24232	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
NARROWS_GT1_6 24233	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
NARROWS_GT1_7 24234	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00

NARROWS_GT1_8 24235	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
NARROWS_GT2_1 24236	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
NARROWS_GT2_2 24237	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
NARROWS_GT2_3 24238	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
NARROWS_GT2_4 24239	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
NARROWS_GT2_5 24240	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
NARROWS_GT2_6 24241	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
NARROWS_GT2_7 24242	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
NARROWS_GT2_8 24243	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.54 -4.89	35.35 3.27 -0.81	35.25 3.29 0.00	35.24 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	25.42 1.73 0.00	23.93 1.61 0.00	24.51 1.62 0.00	29.19 1.92 0.00	35.95 2.24 0.00	36.58 2.30 0.00	40.47 2.59 0.00	46.84 2.91 0.00	34.79 1.93 0.00	30.55 1.48 0.00	24.33 1.01 0.00	21.29 0.87 0.00	21.65 0.84 0.00	20.97 0.83 0.00	20.10 0.82 0.00	22.25 1.09 0.00	28.05 1.51 -2.36	33.48 2.21 0.00	34.30 2.34 0.00	34.10 2.28 0.00	35.25 2.28 0.00	32.69 2.10 0.00	31.22 1.97 0.00	30.74 1.97 0.00
NCHELSEA_115KV_TR2 355582	25.37 1.68 0.00	23.83 1.50 0.00	24.40 1.50 0.00	29.09 1.82 0.00	35.99 2.27 0.00	36.82 2.53 0.00	40.94 3.06 0.00	47.74 3.81 0.00	35.74 2.88 0.00	31.64 2.57 0.00	25.40 2.08 0.00	22.17 1.74 0.00	22.57 1.76 0.00	21.86 1.72 0.00	20.92 1.64 0.00	23.05 1.89 0.00	28.50 2.28 -2.04	34.23 2.97 0.00	34.92 2.96 0.00	34.86 3.03 0.00	35.97 3.01 0.00	33.30 2.71 0.00	31.83 2.58 0.00	31.20 2.43 0.00
NEG CAPITAL___MECHNVIL 23645	25.07 1.38 0.00	23.60 1.28 0.00	24.17 1.28 0.00	28.77 1.50 0.00	35.49 1.77 0.00	36.14 1.85 0.00	40.08 2.20 0.00	46.58 2.65 0.00	34.76 1.91 0.00	30.56 1.50 0.00	24.47 1.15 0.00	21.38 0.96 0.00	21.72 0.91 0.00	21.01 0.87 0.00	20.14 0.86 0.00	22.31 1.15 0.00	28.25 1.51 -2.56	33.25 1.99 0.00	33.98 2.02 0.00	33.85 2.02 0.00	35.03 2.06 0.00	32.46 1.86 0.00	31.02 1.77 0.00	30.43 1.66 0.00
NEG CENTRAL_HIGH_ACRES 23767	22.44 -1.25 0.00	21.14 -1.19 0.00	21.82 -1.07 0.00	26.02 -1.25 0.00	32.19 -1.52 0.00	33.16 -1.13 0.00	36.49 -1.39 0.00	42.10 -1.83 0.00	31.54 -1.31 0.00	27.95 -1.12 0.00	22.38 -0.94 0.00	19.60 -0.82 0.00	19.92 -0.90 0.00	19.27 -0.87 0.00	18.47 -0.81 0.00	20.15 -1.01 0.00	23.28 -1.18 -0.27	29.81 -1.45 0.00	30.62 -1.34 0.00	30.35 -1.48 0.00	31.53 -1.44 0.00	28.71 -1.48 0.41	27.61 -1.56 0.08	27.29 -1.41 0.06
NEG CENTRAL___DRP 24199	23.27 -0.42 0.00	21.99 -0.34 0.00	22.58 -0.32 0.00	26.96 -0.31 0.00	33.30 -0.42 0.00	34.12 -0.16 0.00	37.84 -0.03 0.00	43.98 0.05 0.00	32.88 0.02 0.00	29.09 0.03 0.00	23.28 -0.04 0.00	20.27 -0.15 0.00	20.64 -0.17 0.00	19.95 -0.19 0.00	19.06 -0.22 0.00	20.83 -0.33 0.00	24.19 -0.30 -0.30	31.05 -0.21 0.00	31.95 -0.01 0.00	31.79 -0.04 0.00	32.95 -0.02 0.00	30.45 -0.14 0.00	29.08 -0.17 0.00	28.61 -0.15 0.00
NEG CENTRAL___INDECK 23768	23.38 -0.32 0.00	22.10 -0.22 0.00	22.64 -0.25 0.00	27.20 -0.07 0.00	33.80 0.08 0.00	34.71 0.43 0.00	38.46 0.58 0.00	44.88 0.95 0.00	33.58 0.73 0.00	29.26 0.19 0.00	23.17 -0.15 0.00	20.16 -0.27 0.00	20.47 -0.34 0.00	19.76 -0.38 0.00	18.90 -0.38 0.00	20.61 -0.55 0.00	24.33 -0.27 -0.41	31.44 0.18 0.00	32.66 0.71 0.00	32.48 0.65 0.00	33.72 0.75 0.00	31.33 0.52 -0.22	29.76 0.47 -0.04	29.26 0.46 -0.03

NEG CENTRAL___SENECA 23627	23.30 -0.39 0.00	22.01 -0.32 0.00	22.60 -0.29 0.00	27.05 -0.22 0.00	33.36 -0.36 0.00	34.26 -0.02 0.00	37.96 0.09 0.00	44.19 0.26 0.00	33.04 0.18 0.00	29.24 0.17 0.00	23.35 0.04 0.00	20.29 -0.13 0.00	20.67 -0.14 0.00	19.96 -0.18 0.00	19.07 -0.21 0.00	20.84 -0.31 0.00	24.24 -0.28 -0.34	31.11 -0.15 0.00	32.10 0.15 0.00	31.93 0.10 0.00	33.10 0.13 0.00	30.59 0.00 0.00	29.24 -0.01 0.00	28.74 -0.03 0.00
NEG CENTRAL___STATE_STREET 24147	23.44 -0.25 0.00	22.17 -0.16 0.00	22.78 -0.11 0.00	27.13 -0.14 0.00	33.58 -0.14 0.00	34.26 -0.02 0.00	38.09 0.22 0.00	44.17 0.24 0.00	33.03 0.17 0.00	29.23 0.17 0.00	23.43 0.11 0.00	20.47 0.05 0.00	20.84 0.02 0.00	20.16 0.02 0.00	19.24 -0.04 0.00	21.06 -0.10 0.00	24.42 -0.07 -0.30	31.28 0.02 0.00	32.05 0.09 0.00	31.94 0.11 0.00	33.13 0.16 0.00	30.59 0.00 0.00	29.19 -0.06 0.00	28.77 0.00 0.00
NEG MILLWOOD___DRP 24198	25.51 1.82 0.00	23.96 1.63 0.00	24.52 1.63 0.00	29.23 1.96 0.00	36.18 2.46 0.00	37.04 2.75 0.00	41.19 3.32 0.00	48.05 4.12 0.00	36.00 3.14 0.00	31.86 2.79 0.00	25.58 2.26 0.00	23.00 1.91 -0.67	29.40 1.92 -6.66	22.02 1.88 0.00	21.38 1.79 -0.31	25.13 2.06 -1.91	28.71 2.46 -2.07	34.46 3.20 0.00	35.17 3.22 0.00	35.11 3.28 0.00	36.23 3.26 0.00	33.54 2.95 0.00	32.03 2.78 0.00	31.39 2.63 0.00
NEG NORTH_FLCN_SEA 23793	23.35 -0.34 0.00	21.97 -0.36 0.00	22.41 -0.48 0.00	26.62 -0.65 0.00	33.13 -0.59 0.00	33.86 -0.43 0.00	37.05 -0.82 0.00	42.68 -1.25 0.00	32.03 -0.82 0.00	28.11 -0.95 0.00	22.38 -0.94 0.00	19.66 -0.77 0.00	19.94 -0.88 0.00	19.23 -0.91 0.00	18.41 -0.87 0.00	17.59 -0.84 2.73	-3.51 -1.02 26.67	29.95 -1.31 0.00	30.70 -1.26 0.00	10.65 -1.24 19.93	31.76 -1.21 0.00	29.69 -0.90 0.00	28.47 -0.77 0.00	28.17 -0.59 0.00
NEG NORTH_KES_CHATEGAY 23792	23.21 -0.48 0.00	21.82 -0.51 0.00	22.27 -0.62 0.00	26.47 -0.79 0.00	32.94 -0.78 0.00	33.52 -0.76 0.00	36.67 -1.20 0.00	42.23 -1.70 0.00	31.65 -1.21 0.00	27.87 -1.19 0.00	22.24 -1.08 0.00	19.49 -0.93 0.00	19.82 -1.00 0.00	19.11 -1.03 0.00	18.31 -0.97 0.00	17.48 -1.00 2.68	-3.27 -1.19 26.26	29.75 -1.52 0.00	30.48 -1.47 0.00	10.78 -1.46 19.59	31.54 -1.43 0.00	29.47 -1.13 0.00	28.23 -1.02 0.00	27.94 -0.83 0.00
NEG NORTH___ALICE_FALLS 23915	23.48 -0.21 0.00	22.08 -0.24 0.00	22.53 -0.36 0.00	26.76 -0.50 0.00	33.33 -0.38 0.00	34.06 -0.22 0.00	37.31 -0.57 0.00	43.01 -0.92 0.00	32.27 -0.58 0.00	28.33 -0.73 0.00	22.54 -0.78 0.00	19.78 -0.64 0.00	20.07 -0.74 0.00	19.35 -0.79 0.00	18.52 -0.76 0.00	17.71 -0.72 2.72	-3.29 -0.86 26.61	30.21 -1.06 0.00	30.99 -0.97 0.00	10.97 -0.98 19.88	32.05 -0.92 0.00	29.94 -0.65 0.00	28.67 -0.58 0.00	28.37 -0.40 0.00
NEG NORTH___LWR_SARANAC 23913	23.48 -0.21 0.00	22.08 -0.24 0.00	22.53 -0.36 0.00	26.76 -0.50 0.00	33.33 -0.38 0.00	34.06 -0.22 0.00	37.31 -0.57 0.00	43.01 -0.92 0.00	32.27 -0.58 0.00	28.33 -0.73 0.00	22.54 -0.78 0.00	19.78 -0.64 0.00	20.07 -0.74 0.00	19.35 -0.79 0.00	18.52 -0.76 0.00	17.71 -0.72 2.72	-3.29 -0.86 26.61	30.21 -1.06 0.00	30.99 -0.97 0.00	10.97 -0.98 19.88	32.05 -0.92 0.00	29.94 -0.65 0.00	28.67 -0.58 0.00	28.37 -0.40 0.00
NEG NORTH___PLATTSBURG 23628	23.48 -0.21 0.00	22.08 -0.24 0.00	22.53 -0.36 0.00	26.76 -0.50 0.00	33.33 -0.38 0.00	34.06 -0.22 0.00	37.30 -0.57 0.00	43.01 -0.92 0.00	32.27 -0.58 0.00	28.33 -0.73 0.00	22.54 -0.78 0.00	19.78 -0.64 0.00	20.08 -0.74 0.00	19.35 -0.79 0.00	18.52 -0.76 0.00	17.71 -0.72 2.72	-3.29 -0.86 26.61	30.21 -1.06 0.00	30.99 -0.97 0.00	10.97 -0.98 19.88	32.05 -0.92 0.00	29.94 -0.65 0.00	28.67 -0.58 0.00	28.36 -0.40 0.00
NEG WEST_LEA_LOCKPORT 23791	22.03 -1.66 0.00	20.75 -1.58 0.00	21.58 -1.31 0.00	25.79 -1.48 0.00	31.94 -1.78 0.00	33.09 -1.20 0.00	35.97 -1.90 0.00	40.91 -3.02 0.00	30.80 -2.06 0.00	27.40 -1.66 0.00	22.00 -1.32 0.00	19.26 -1.16 0.00	19.53 -1.28 0.00	18.88 -1.27 0.00	18.19 -1.10 0.00	19.74 -1.42 0.00	22.56 -1.94 -0.31	28.76 -2.50 0.00	29.66 -2.30 0.00	29.30 -2.53 0.00	30.62 -2.35 0.00	28.28 -2.32 0.00	26.83 -2.42 0.00	26.81 -1.95 0.00
NEG WEST___LANCASTR 23811	22.78 -0.91 0.00	21.50 -0.83 0.00	22.34 -0.55 0.00	26.68 -0.58 0.00	32.98 -0.73 0.00	34.14 -0.15 0.00	37.13 -0.74 0.00	42.63 -1.30 0.00	32.03 -0.83 0.00	28.47 -0.59 0.00	22.84 -0.48 0.00	19.97 -0.45 0.00	20.42 -0.40 0.00	19.71 -0.43 0.00	18.98 -0.30 0.00	20.63 -0.53 0.00	23.65 -0.89 -0.36	30.06 -1.20 0.00	30.91 -1.04 0.00	30.61 -1.21 0.00	31.96 -1.01 0.00	29.58 -1.01 0.00	28.15 -1.10 0.00	27.97 -0.79 0.00
NEG_PENN_ALLEGHNY 23528	23.53 -0.16 0.00	22.22 -0.10 0.00	22.81 -0.08 0.00	27.23 -0.04 0.00	33.69 -0.02 0.00	34.44 0.15 0.00	38.10 0.22 0.00	44.36 0.43 0.00	33.18 0.32 0.00	29.35 0.29 0.00	23.49 0.17 0.00	20.50 0.07 0.00	20.92 0.11 0.00	20.20 0.06 0.00	19.33 0.05 0.00	21.19 0.03 0.00	24.96 0.09 -0.69	31.46 0.20 0.00	32.27 0.31 0.00	32.12 0.30 0.00	33.27 0.30 0.00	31.17 0.21 -0.37	29.54 0.23 -0.07	29.03 0.21 -0.06
NEG___GEN_MONROE 24207	22.86 -0.83 0.00	21.53 -0.80 0.00	22.28 -0.61 0.00	26.58 -0.68 0.00	32.91 -0.81 0.00	33.96 -0.33 0.00	37.32 -0.55 0.00	42.84 -1.09 0.00	32.14 -0.72 0.00	28.46 -0.61 0.00	22.77 -0.55 0.00	19.92 -0.51 0.00	20.24 -0.57 0.00	19.58 -0.55 0.00	18.80 -0.48 0.00	20.48 -0.67 0.00	23.60 -0.87 -0.28	30.26 -1.00 0.00	31.14 -0.81 0.00	30.83 -1.00 0.00	32.07 -0.90 0.00	29.60 -1.00 0.00	28.10 -1.15 0.00	27.84 -0.92 0.00
NEPA___ENERGY 23901	22.37 -1.32 0.00	21.08 -1.25 0.00	21.93 -0.96 0.00	26.30 -0.97 0.00	32.46 -1.26 0.00	33.56 -0.72 0.00	36.66 -1.21 0.00	42.27 -1.66 0.00	31.69 -1.17 0.00	28.14 -0.93 0.00	22.51 -0.81 0.00	19.66 -0.76 0.00	20.10 -0.71 0.00	19.36 -0.78 0.00	18.63 -0.65 0.00	20.27 -0.89 0.00	23.34 -1.21 -0.36	29.71 -1.55 0.00	30.52 -1.44 0.00	30.39 -1.44 0.00	31.72 -1.24 0.00	29.29 -1.30 0.00	28.01 -1.24 0.00	27.70 -1.07 0.00
NEVERSINK___HYD 23608	24.90 1.21 0.00	23.39 1.06 0.00	23.95 1.06 0.00	28.61 1.35 0.00	35.39 1.67 0.00	36.26 1.97 0.00	40.37 2.49 0.00	47.12 3.19 0.00	35.22 2.36 0.00	31.05 1.99 0.00	24.87 1.55 0.00	20.84 1.11 0.69	14.42 0.55 6.94	20.68 0.54 0.00	19.48 0.51 0.32	19.85 0.68 1.99	26.99 0.98 -1.82	32.75 1.48 0.00	33.44 1.48 0.00	33.52 1.69 0.00	35.48 2.52 0.00	32.84 2.25 0.00	31.38 2.13 0.00	30.73 1.96 0.00
NEWKRMKL_115KV_TB1 55635	24.80 1.11 0.00	23.33 1.00 0.00	23.88 0.98 0.00	28.41 1.14 0.00	34.97 1.25 0.00	35.59 1.31 0.00	39.35 1.47 0.00	45.50 1.57 0.00	34.02 1.16 0.00	30.15 1.09 0.00	24.17 0.85 0.00	21.19 0.77 0.00	21.53 0.72 0.00	20.85 0.71 0.00	19.97 0.69 0.00	22.00 0.84 0.00	27.72 1.02 -2.51	32.52 1.25 0.00	33.18 1.23 0.00	33.05 1.22 0.00	34.17 1.20 0.00	31.72 1.13 0.00	30.34 1.09 0.00	29.93 1.16 0.00

NEWTON___FALLS_HYD 23847	23.00 -0.69 0.00	21.62 -0.71 0.00	22.30 -0.59 0.00	26.68 -0.59 0.00	33.07 -0.65 0.00	33.63 -0.66 0.00	37.08 -0.79 0.00	42.86 -1.07 0.00	31.90 -0.96 0.00	28.10 -0.97 0.00	22.46 -0.85 0.00	19.50 -0.92 0.00	19.74 -1.07 0.00	18.99 -1.16 0.00	18.12 -1.16 0.00	18.47 -1.25 1.44	7.55 -1.26 15.37	30.23 -1.03 0.00	31.01 -0.95 0.00	20.18 -1.12 10.53	31.83 -1.14 0.00	29.54 -1.06 0.00	28.28 -0.97 0.00	28.03 -0.73 0.00
NGRID_A1_DSASP 323792	21.65 -2.04 0.00	20.36 -1.97 0.00	21.18 -1.71 0.00	25.30 -1.96 0.00	31.30 -2.41 0.00	32.44 -1.85 0.00	35.23 -2.64 0.00	39.93 -4.00 0.00	30.04 -2.82 0.00	26.76 -2.31 0.00	21.54 -1.78 0.00	18.89 -1.53 0.00	19.14 -1.68 0.00	18.51 -1.62 0.00	17.85 -1.44 0.00	19.35 -1.81 0.00	22.08 -2.43 -0.32	28.04 -3.22 0.00	28.88 -3.08 0.00	28.53 -3.30 0.00	29.83 -3.14 0.00	26.42 -3.00 1.17	25.92 -3.11 0.22	25.97 -2.62 0.17
NGRID_A2_DSASP 323793	21.65 -2.04 0.00	20.36 -1.97 0.00	21.18 -1.71 0.00	25.30 -1.96 0.00	31.30 -2.41 0.00	32.44 -1.85 0.00	35.23 -2.64 0.00	39.93 -4.00 0.00	30.04 -2.82 0.00	26.76 -2.31 0.00	21.54 -1.78 0.00	18.89 -1.53 0.00	19.14 -1.68 0.00	18.51 -1.62 0.00	17.85 -1.44 0.00	19.35 -1.81 0.00	22.08 -2.43 -0.32	28.04 -3.22 0.00	28.88 -3.08 0.00	28.53 -3.30 0.00	29.83 -3.14 0.00	26.42 -3.00 1.17	25.92 -3.11 0.22	25.97 -2.62 0.17
NGRID_A4_DSASP 323807	21.65 -2.04 0.00	20.36 -1.97 0.00	21.18 -1.71 0.00	25.30 -1.96 0.00	31.30 -2.41 0.00	32.44 -1.85 0.00	35.23 -2.64 0.00	39.93 -4.00 0.00	30.04 -2.82 0.00	26.76 -2.31 0.00	21.54 -1.78 0.00	18.89 -1.53 0.00	19.14 -1.68 0.00	18.51 -1.62 0.00	17.85 -1.44 0.00	19.35 -1.81 0.00	22.08 -2.43 -0.32	28.04 -3.22 0.00	28.88 -3.08 0.00	28.53 -3.30 0.00	29.83 -3.14 0.00	26.42 -3.00 1.17	25.92 -3.11 0.22	25.97 -2.62 0.17
NIAGARA_115E_LBMP 323715	21.69 -2.00 0.00	20.45 -1.88 0.00	21.26 -1.64 0.00	25.39 -1.88 0.00	31.45 -2.27 0.00	32.57 -1.71 0.00	35.35 -2.52 0.00	40.05 -3.88 0.00	30.19 -2.66 0.00	26.89 -2.18 0.00	21.63 -1.69 0.00	18.96 -1.47 0.00	19.19 -1.63 0.00	18.57 -1.57 0.00	17.89 -1.40 0.00	19.39 -1.77 0.00	22.14 -2.37 -0.32	28.16 -3.11 0.00	29.00 -2.96 0.00	28.65 -3.18 0.00	29.96 -3.01 0.00	26.53 -2.90 1.16	26.07 -2.96 0.22	26.16 -2.43 0.17
NIAGARA_115W_LBMP 323714	21.61 -2.09 0.00	20.32 -2.00 0.00	21.14 -1.75 0.00	25.25 -2.02 0.00	31.24 -2.47 0.00	32.37 -1.91 0.00	35.15 -2.72 0.00	39.84 -4.09 0.00	29.96 -2.90 0.00	26.68 -2.38 0.00	21.47 -1.84 0.00	18.84 -1.58 0.00	19.08 -1.73 0.00	18.47 -1.67 0.00	17.80 -1.49 0.00	19.30 -1.86 0.00	22.01 -2.49 -0.32	27.97 -3.30 0.00	28.80 -3.16 0.00	28.45 -3.38 0.00	29.75 -3.22 0.00	26.35 -3.08 1.17	25.86 -3.17 0.22	25.90 -2.69 0.17
NIAGARA_230_LBMP 323716	21.81 -1.88 0.00	20.52 -1.81 0.00	21.34 -1.55 0.00	25.49 -1.77 0.00	31.53 -2.18 0.00	32.65 -1.63 0.00	35.48 -2.40 0.00	40.40 -3.53 0.00	30.43 -2.43 0.00	27.08 -1.98 0.00	21.78 -1.54 0.00	19.10 -1.32 0.00	19.38 -1.44 0.00	18.74 -1.40 0.00	18.06 -1.22 0.00	19.60 -1.56 0.00	22.38 -2.12 -0.32	28.45 -2.81 0.00	29.28 -2.68 0.00	28.94 -2.89 0.00	30.26 -2.71 0.00	26.81 -2.63 1.15	26.32 -2.72 0.21	26.31 -2.28 0.17
NIAGARA___115KV_198_GIBSON 55903	21.60 -2.09 0.00	20.32 -2.01 0.00	21.14 -1.75 0.00	25.25 -2.02 0.00	31.24 -2.48 0.00	32.37 -1.91 0.00	35.15 -2.72 0.00	39.84 -4.09 0.00	29.94 -2.91 0.00	26.68 -2.39 0.00	21.46 -1.86 0.00	18.81 -1.61 0.00	19.07 -1.75 0.00	18.45 -1.69 0.00	17.77 -1.51 0.00	19.28 -1.87 0.00	22.00 -2.50 -0.32	27.96 -3.30 0.00	28.81 -3.15 0.00	28.45 -3.38 0.00	29.75 -3.22 0.00	27.53 -3.06 0.00	26.11 -3.14 0.00	26.07 -2.69 0.00
NIAGARA____ 23760	21.81 -1.88 0.00	20.52 -1.81 0.00	21.34 -1.55 0.00	25.49 -1.77 0.00	31.53 -2.18 0.00	32.65 -1.63 0.00	35.48 -2.40 0.00	40.40 -3.53 0.00	30.43 -2.43 0.00	27.08 -1.98 0.00	21.78 -1.54 0.00	19.10 -1.32 0.00	19.38 -1.44 0.00	18.74 -1.40 0.00	18.06 -1.22 0.00	19.60 -1.56 0.00	22.39 -2.12 -0.32	28.45 -2.81 0.00	29.28 -2.68 0.00	28.94 -2.89 0.00	30.26 -2.71 0.00	26.81 -2.63 1.16	26.32 -2.72 0.21	26.31 -2.28 0.17
NINE_MILE_1 23575	22.69 -1.00 0.00	21.41 -0.91 0.00	21.98 -0.91 0.00	26.15 -1.12 0.00	32.34 -1.38 0.00	33.01 -1.28 0.00	36.50 -1.38 0.00	42.31 -1.62 0.00	31.65 -1.20 0.00	27.99 -1.07 0.00	22.47 -0.84 0.00	19.70 -0.72 0.00	20.07 -0.74 0.00	19.43 -0.71 0.00	18.59 -0.69 0.00	20.30 -0.86 0.00	23.38 -0.97 -0.16	30.07 -1.20 0.00	30.78 -1.18 0.00	30.63 -1.20 0.00	31.72 -1.25 0.00	29.39 -1.20 0.00	28.05 -1.20 0.00	27.60 -1.16 0.00
NINE_MILE_2 23744	22.69 -1.00 0.00	21.42 -0.91 0.00	21.98 -0.91 0.00	26.15 -1.11 0.00	32.34 -1.38 0.00	33.01 -1.28 0.00	36.50 -1.38 0.00	42.31 -1.62 0.00	31.65 -1.20 0.00	27.99 -1.07 0.00	22.47 -0.84 0.00	19.70 -0.72 0.00	20.07 -0.74 0.00	19.43 -0.71 0.00	18.59 -0.69 0.00	20.30 -0.86 0.00	23.38 -0.97 -0.16	30.07 -1.20 0.00	30.78 -1.18 0.00	30.63 -1.20 0.00	31.73 -1.24 0.00	29.39 -1.20 0.00	28.06 -1.19 0.00	27.61 -1.16 0.00
NM_CAPITAL___DRP 24208	24.83 1.14 0.00	23.37 1.04 0.00	23.92 1.02 0.00	28.47 1.20 0.00	35.06 1.34 0.00	35.66 1.38 0.00	39.45 1.58 0.00	45.67 1.74 0.00	34.13 1.28 0.00	30.23 1.17 0.00	24.24 0.92 0.00	21.24 0.82 0.00	21.58 0.77 0.00	20.90 0.76 0.00	20.02 0.73 0.00	22.06 0.90 0.00	27.77 1.08 -2.50	32.60 1.34 0.00	33.27 1.31 0.00	33.15 1.32 0.00	34.28 1.31 0.00	31.82 1.23 0.00	30.45 1.20 0.00	30.01 1.25 0.00
NM_CENTRAL___DRP 24181	23.09 -0.61 0.00	21.78 -0.55 0.00	22.36 -0.53 0.00	26.64 -0.63 0.00	32.94 -0.78 0.00	33.70 -0.59 0.00	37.29 -0.58 0.00	43.24 -0.69 0.00	32.31 -0.54 0.00	28.58 -0.48 0.00	22.93 -0.38 0.00	20.07 -0.35 0.00	20.45 -0.36 0.00	19.79 -0.35 0.00	18.93 -0.35 0.00	20.68 -0.48 0.00	23.90 -0.50 -0.22	30.69 -0.57 0.00	31.44 -0.52 0.00	31.27 -0.56 0.00	32.38 -0.59 0.00	29.96 -0.63 0.00	28.59 -0.66 0.00	28.13 -0.63 0.00
NM_FRONTIER___DRP 24179	21.60 -2.09 0.00	20.32 -2.01 0.00	21.14 -1.75 0.00	25.25 -2.02 0.00	31.24 -2.48 0.00	32.37 -1.91 0.00	35.15 -2.72 0.00	39.84 -4.09 0.00	29.94 -2.91 0.00	26.68 -2.39 0.00	21.46 -1.86 0.00	18.81 -1.61 0.00	19.07 -1.75 0.00	18.45 -1.69 0.00	17.77 -1.51 0.00	19.28 -1.87 0.00	22.00 -2.50 -0.32	27.96 -3.30 0.00	28.81 -3.15 0.00	28.45 -3.38 0.00	29.75 -3.22 0.00	27.53 -3.06 0.00	26.11 -3.14 0.00	26.07 -2.69 0.00
NM_ST_REGIS___HYD 24053	23.19 -0.50 0.00	21.82 -0.51 0.00	22.38 -0.51 0.00	26.66 -0.61 0.00	33.00 -0.72 0.00	33.32 -0.96 0.00	36.57 -1.30 0.00	42.21 -1.72 0.00	31.54 -1.31 0.00	27.85 -1.22 0.00	22.34 -0.98 0.00	19.50 -0.93 0.00	19.85 -0.96 0.00	19.15 -0.99 0.00	18.34 -0.95 0.00	17.89 -1.02 2.25	0.47 -1.21 22.51	29.90 -1.37 0.00	30.64 -1.32 0.00	13.98 -1.40 16.45	31.60 -1.37 0.00	29.44 -1.16 0.00	28.24 -1.01 0.00	27.97 -0.80 0.00

NORTHPORT___1 23551	30.80 2.22 -4.89	28.45 2.02 -4.10	44.45 2.07 -19.48	44.32 2.50 -14.55	36.82 3.10 0.00	37.46 3.18 0.00	41.55 3.68 0.00	48.35 4.42 0.00	36.36 3.50 0.00	35.42 3.28 -3.07	66.75 2.74 -40.69	57.65 2.33 -34.90	74.17 2.26 -51.10	42.97 2.19 -20.64	64.39 2.17 -42.94	35.29 2.34 -11.79	32.03 2.80 -5.04	34.76 3.47 -0.02	35.41 3.46 0.00	35.29 3.47 0.00	36.34 3.37 0.00	33.83 3.24 0.00	34.92 3.07 -2.60	34.50 3.03 -2.71
NORTHPORT___2 23552	30.78 2.19 -4.89	28.44 2.01 -4.10	44.47 2.09 -19.48	44.35 2.53 -14.55	36.85 3.13 0.00	37.41 3.13 0.00	41.49 3.61 0.00	48.22 4.29 0.00	36.29 3.43 0.00	35.38 3.24 -3.07	66.73 2.72 -40.69	57.64 2.31 -34.90	74.14 2.22 -51.10	42.92 2.15 -20.64	64.37 2.15 -42.94	35.21 2.27 -11.79	31.94 2.71 -5.04	30.42 3.35 4.20	29.00 3.31 6.27	29.38 3.32 5.77	35.37 3.24 0.84	33.76 3.16 0.00	34.87 3.01 -2.60	34.47 3.00 -2.71
NORTHPORT___3 23553	30.59 2.01 -4.89	28.26 1.83 -4.10	44.20 1.83 -19.48	44.02 2.20 -14.55	36.43 2.71 0.00	37.13 2.85 0.00	41.11 3.24 0.00	47.90 3.97 0.00	36.00 3.14 0.00	35.08 2.94 -3.07	66.56 2.55 -40.69	57.49 2.16 -34.90	74.02 2.11 -51.10	42.82 2.05 -20.64	64.25 2.02 -42.94	35.20 2.26 -11.79	31.91 2.68 -5.04	34.51 3.22 -0.02	35.11 3.15 0.00	35.01 3.19 0.00	36.11 3.14 0.00	33.59 3.00 0.00	34.71 2.86 -2.60	34.28 2.81 -2.71
NORTHPORT___4 23650	30.59 2.01 -4.89	28.26 1.83 -4.10	44.20 1.83 -19.48	44.02 2.20 -14.55	36.43 2.71 0.00	37.13 2.85 0.00	41.11 3.24 0.00	47.90 3.97 0.00	36.00 3.14 0.00	35.08 2.94 -3.07	66.56 2.55 -40.69	57.49 2.16 -34.90	74.02 2.11 -51.10	42.82 2.05 -20.64	64.25 2.02 -42.94	35.20 2.26 -11.79	31.91 2.68 -5.04	34.51 3.22 -0.02	35.11 3.15 0.00	35.01 3.19 0.00	36.11 3.14 0.00	33.59 3.00 0.00	34.71 2.86 -2.60	34.28 2.81 -2.71
NORTHPORT___IC 23718	30.77 2.19 -4.89	28.44 2.01 -4.10	44.47 2.09 -19.48	44.35 2.53 -14.55	36.85 3.13 0.00	37.41 3.13 0.00	41.49 3.61 0.00	48.22 4.29 0.00	36.29 3.43 0.00	35.38 3.24 -3.07	66.72 2.71 -40.69	57.63 2.30 -34.90	74.14 2.22 -51.10	42.92 2.15 -20.64	64.37 2.14 -42.94	35.21 2.27 -11.79	31.94 2.71 -5.04	30.42 3.35 4.20	29.00 3.31 6.27	29.38 3.32 5.77	35.37 3.24 0.84	33.76 3.16 0.00	34.87 3.01 -2.60	34.47 3.00 -2.71
NORTH___COUNTRY_ESR 323785	23.09 -0.60 0.00	21.71 -0.62 0.00	22.17 -0.72 0.00	26.34 -0.93 0.00	32.79 -0.93 0.00	33.35 -0.93 0.00	36.50 -1.38 0.00	42.02 -1.91 0.00	31.49 -1.36 0.00	27.73 -1.33 0.00	22.13 -1.19 0.00	19.41 -1.02 0.00	19.74 -1.07 0.00	19.05 -1.09 0.00	18.25 -1.04 0.00	17.39 -1.09 2.68	-3.39 -1.32 26.25	29.58 -1.69 0.00	30.31 -1.65 0.00	10.59 -1.66 19.58	31.35 -1.62 0.00	29.29 -1.30 0.00	28.07 -1.18 0.00	27.80 -0.97 0.00
NPX_GEN_1385_PROXY 323591	30.93 2.35 -4.89	28.73 2.30 -4.10	45.12 2.74 -19.48	48.28 3.33 -17.68	38.17 4.10 -0.35	37.56 3.28 0.00	41.97 4.10 0.00	48.68 4.74 0.00	36.96 4.11 0.00	36.00 3.86 -3.07	66.88 2.87 -40.69	57.77 2.44 -34.90	74.13 2.21 -51.10	42.87 2.09 -20.64	64.43 2.21 -42.94	34.75 1.81 -11.79	31.48 2.25 -5.04	30.26 3.20 4.20	28.86 3.17 6.27	29.09 3.02 5.77	35.04 2.90 0.84	33.78 3.19 0.00	34.93 3.07 -2.60	34.61 3.14 -2.71
NPX_GEN_CSC 323557	31.19 2.61 -4.89	28.80 2.37 -4.10	44.76 2.39 -19.48	44.70 2.88 -14.55	37.31 3.59 0.00	38.08 3.80 0.00	42.27 4.39 0.00	49.23 5.30 0.00	36.97 4.12 0.00	35.97 3.84 -3.07	67.18 3.17 -40.69	58.01 2.68 -34.90	74.51 2.59 -51.10	43.26 2.49 -20.63	64.68 2.46 -42.94	35.65 2.70 -11.79	32.52 3.26 -5.07	35.35 4.07 -0.02	36.05 4.10 0.00	35.91 4.08 0.00	36.93 3.96 0.00	34.32 3.73 0.00	35.35 3.49 -2.60	34.90 3.43 -2.71
NSINS_S_GLNS_FALLS 23858	25.07 1.38 0.00	23.63 1.30 0.00	24.11 1.22 0.00	28.64 1.38 0.00	35.21 1.49 0.00	35.91 1.63 0.00	39.70 1.83 0.00	46.16 2.23 0.00	34.39 1.53 0.00	30.14 1.08 0.00	24.15 0.83 0.00	21.12 0.70 0.00	21.39 0.57 0.00	20.68 0.54 0.00	19.82 0.54 0.00	22.05 0.89 0.00	28.10 1.34 -2.57	33.00 1.74 0.00	33.75 1.79 0.00	33.60 1.78 0.00	34.73 1.76 0.00	32.20 1.61 0.00	30.75 1.50 0.00	30.14 1.37 0.00
NUCOR_STEEL___DRP 24197	23.43 -0.26 0.00	22.16 -0.17 0.00	22.77 -0.12 0.00	27.11 -0.16 0.00	33.56 -0.16 0.00	34.22 -0.07 0.00	38.06 0.19 0.00	44.10 0.17 0.00	32.99 0.13 0.00	29.17 0.11 0.00	23.40 0.08 0.00	20.45 0.03 0.00	20.83 0.02 0.00	20.15 0.01 0.00	19.24 -0.05 0.00	21.06 -0.10 0.00	24.40 -0.07 -0.29	31.25 -0.02 0.00	32.00 0.04 0.00	31.90 0.07 0.00	33.08 0.11 0.00	30.55 -0.04 0.00	29.15 -0.10 0.00	28.73 -0.03 0.00
NUMBER_THREE_WT_PWR 323818	23.11 -0.58 0.00	21.70 -0.63 0.00	22.49 -0.40 0.00	27.00 -0.26 0.00	33.58 -0.14 0.00	34.45 0.17 0.00	38.11 0.23 0.00	44.08 0.15 0.00	32.74 -0.11 0.00	28.80 -0.26 0.00	22.92 -0.40 0.00	19.85 -0.57 0.00	19.97 -0.84 0.00	19.14 -1.00 0.00	18.22 -1.06 0.00	19.46 -1.14 0.56	15.21 -0.93 8.04	30.95 -0.31 0.00	31.79 -0.17 0.00	27.35 -0.41 4.07	32.49 -0.48 0.00	30.07 -0.53 0.00	28.71 -0.54 0.00	28.50 -0.27 0.00
NYISO_LBMP_REFERENCE 24008	23.69 0.00 0.00	22.33 0.00 0.00	22.89 0.00 0.00	27.27 0.00 0.00	33.72 0.00 0.00	34.29 0.00 0.00	37.87 0.00 0.00	43.93 0.00 0.00	32.86 0.00 0.00	29.07 0.00 0.00	23.32 0.00 0.00	20.42 0.00 0.00	20.81 0.00 0.00	20.14 0.00 0.00	19.28 0.00 0.00	21.16 0.00 0.00	24.19 0.00 0.00	31.26 0.00 0.00	31.96 0.00 0.00	31.83 0.00 0.00	32.97 0.00 0.00	30.59 0.00 0.00	29.25 0.00 0.00	28.77 0.00 0.00
NYPA_BRENTWD___GT 24164	31.05 2.46 -4.89	28.66 2.24 -4.10	44.66 2.28 -19.48	44.57 2.75 -14.55	37.14 3.42 0.00	37.85 3.56 0.00	42.02 4.15 0.00	48.92 4.99 0.00	36.79 3.93 0.00	35.79 3.65 -3.07	67.06 3.05 -40.69	57.91 2.58 -34.90	74.43 2.52 -51.09	43.19 2.43 -20.62	64.63 2.40 -42.94	35.56 2.62 -11.79	32.41 3.12 -5.10	35.20 3.91 -0.02	35.88 3.92 0.00	35.75 3.92 0.00	36.80 3.83 0.00	34.23 3.64 0.00	35.29 3.43 -2.60	34.84 3.36 -2.71
NYPA_GOWANUS___GT5 24156	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.53 -4.89	35.35 3.27 -0.81	35.24 3.29 0.00	35.23 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00
NYPA_GOWANUS___GT6 24157	25.56 1.87 0.00	24.00 1.67 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.19 4.25 0.00	36.19 3.33 -0.01	32.67 2.99 -0.62	51.02 2.37 -25.33	49.75 2.03 -27.29	340.29 1.97 -317.51	107.34 1.83 -85.37	33.31 1.87 -12.15	31.85 2.20 -8.49	31.61 2.53 -4.89	35.35 3.27 -0.81	35.24 3.29 0.00	35.23 3.40 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.59	40.52 2.93 -8.34	31.50 2.74 0.00

NYPA_HARLEM__RVR__GT1 24160	25.39 1.70 0.00	23.89 1.56 0.00	24.33 1.44 0.00	29.02 1.76 0.00	35.96 2.24 0.00	36.82 2.53 0.00	40.91 3.04 0.00	47.82 3.89 0.00	35.92 3.06 -0.01	32.35 2.73 -0.55	47.81 2.04 -22.46	46.64 1.75 -24.47	77.05 1.75 -54.49	41.69 1.68 -19.87	31.79 1.60 -10.91	31.60 2.07 -8.37	31.26 2.29 -4.78	34.97 2.96 -0.75	34.99 3.03 0.00	34.97 3.14 0.00	36.04 3.08 0.00	33.39 2.79 0.00	31.92 2.67 0.00	31.23 2.47 0.00
NYPA_HARLEM__RVR__GT2 24161	25.39 1.70 0.00	23.89 1.56 0.00	24.33 1.44 0.00	29.02 1.76 0.00	35.96 2.24 0.00	36.82 2.53 0.00	40.91 3.04 0.00	47.82 3.89 0.00	35.92 3.06 -0.01	32.35 2.73 -0.55	47.81 2.04 -22.46	46.64 1.75 -24.47	77.05 1.75 -54.49	41.69 1.68 -19.87	31.79 1.60 -10.91	31.60 2.07 -8.37	31.26 2.29 -4.78	34.97 2.96 -0.75	34.99 3.03 0.00	34.97 3.14 0.00	36.04 3.08 0.00	33.39 2.79 0.00	31.92 2.67 0.00	31.23 2.47 0.00
NYPA_KENT____GT 24152	25.50 1.81 0.00	23.95 1.62 0.00	24.46 1.56 0.00	29.15 1.88 0.00	36.12 2.40 0.00	37.00 2.71 0.00	41.14 3.26 0.00	48.09 4.16 0.00	36.11 3.25 -0.01	32.62 2.93 -0.62	50.98 2.33 -25.33	49.70 1.99 -27.29	340.27 1.95 -317.51	107.36 1.84 -85.37	33.27 1.83 -12.15	31.80 2.15 -8.49	31.56 2.48 -4.89	35.27 3.20 -0.81	35.16 3.20 0.00	35.15 3.31 -0.01	126.87 3.28 -90.62	55.45 2.98 -21.88	44.60 2.85 -12.50	31.42 2.66 0.00
NYPA_POUCH1____GT 24155	25.49 1.80 0.00	23.94 1.61 0.00	24.45 1.55 0.00	29.14 1.88 0.00	36.12 2.40 0.00	37.00 2.71 0.00	41.11 3.23 0.00	48.02 4.09 0.00	36.06 3.20 -0.01	32.54 2.85 -0.62	50.77 2.25 -25.20	49.52 1.93 -27.17	63.44 1.86 -40.77	107.24 1.73 -85.37	33.14 1.77 -12.08	31.68 2.09 -8.43	31.13 2.40 -4.54	35.10 3.12 -0.72	35.10 3.14 0.00	35.12 3.28 -0.01	96.61 3.23 -60.42	48.10 2.92 -14.59	40.42 2.83 -8.34	31.41 2.65 0.00
NYPA_VERNON____GT2 24162	25.44 1.75 0.00	23.90 1.58 0.00	24.41 1.51 0.00	29.08 1.81 0.00	36.04 2.32 0.00	36.91 2.62 0.00	41.04 3.16 0.00	47.99 4.06 0.00	36.04 3.18 -0.01	32.56 2.87 -0.62	50.93 2.28 -25.33	49.66 1.94 -27.29	340.25 1.93 -317.51	107.37 1.86 -85.37	33.24 1.80 -12.15	31.75 2.10 -8.49	31.51 2.43 -4.89	35.19 3.11 -0.81	35.08 3.12 0.00	35.05 3.22 0.00	36.15 3.18 0.00	33.49 2.89 0.00	32.01 2.76 0.00	31.34 2.57 0.00
NYPA_VERNON____GT3 24163	25.44 1.75 0.00	23.90 1.58 0.00	24.41 1.51 0.00	29.08 1.81 0.00	36.04 2.32 0.00	36.91 2.62 0.00	41.04 3.16 0.00	47.99 4.06 0.00	36.04 3.18 -0.01	32.56 2.87 -0.62	50.93 2.28 -25.33	49.66 1.94 -27.29	340.25 1.93 -317.51	107.37 1.86 -85.37	33.24 1.80 -12.15	31.75 2.10 -8.49	31.51 2.43 -4.89	35.19 3.11 -0.81	35.08 3.12 0.00	35.05 3.22 0.00	36.15 3.18 0.00	33.49 2.89 0.00	32.01 2.76 0.00	31.34 2.57 0.00
NYPA__ASTORIA_CC1 323568	25.42 1.73 0.00	23.89 1.56 0.00	24.39 1.49 0.00	29.07 1.80 0.00	36.02 2.30 0.00	36.89 2.61 0.00	41.01 3.13 0.00	47.96 4.03 0.00	36.01 3.15 -0.01	32.53 2.85 -0.62	50.89 2.25 -25.33	49.63 1.91 -27.29	340.23 1.91 -317.51	107.35 1.84 -85.37	33.21 1.77 -12.15	31.72 2.07 -8.49	31.46 2.39 -4.89	35.14 3.07 -0.81	35.03 3.07 0.00	35.00 3.18 0.00	36.12 3.15 0.00	33.47 2.87 0.00	31.99 2.74 0.00	31.32 2.56 0.00
NYPA__ASTORIA_CC2 323569	25.42 1.73 0.00	23.89 1.56 0.00	24.39 1.49 0.00	29.07 1.80 0.00	36.02 2.30 0.00	36.89 2.61 0.00	41.01 3.13 0.00	47.96 4.03 0.00	36.01 3.15 -0.01	32.53 2.85 -0.62	50.89 2.25 -25.33	49.63 1.91 -27.29	340.23 1.91 -317.51	107.35 1.84 -85.37	33.21 1.77 -12.15	31.72 2.07 -8.49	31.46 2.39 -4.89	35.14 3.07 -0.81	35.03 3.07 0.00	35.00 3.18 0.00	36.12 3.15 0.00	33.47 2.87 0.00	31.99 2.74 0.00	31.32 2.56 0.00
NYPA__HOLTSVILL 23794	30.97 2.39 -4.89	28.59 2.17 -4.10	44.57 2.19 -19.48	44.46 2.64 -14.55	37.01 3.29 0.00	37.73 3.45 0.00	41.85 3.98 0.00	48.73 4.80 0.00	36.63 3.78 0.00	35.66 3.52 -3.07	66.94 2.93 -40.69	57.81 2.48 -34.90	74.32 2.41 -51.10	43.09 2.32 -20.63	64.51 2.29 -42.94	35.45 2.51 -11.79	32.26 3.01 -5.06	35.05 3.77 -0.02	35.72 3.76 0.00	35.59 3.76 0.00	36.63 3.66 0.00	34.08 3.48 0.00	35.13 3.28 -2.60	34.70 3.23 -2.71
NYPA__HELLGATE_GT1 24158	25.39 1.70 0.00	23.89 1.56 0.00	24.33 1.44 0.00	29.02 1.76 0.00	35.96 2.24 0.00	36.82 2.53 0.00	40.90 3.03 0.00	47.82 3.89 0.00	35.92 3.06 -0.01	32.35 2.73 -0.55	47.81 2.04 -22.46	46.64 1.75 -24.47	77.05 1.75 -54.49	41.69 1.68 -19.87	31.79 1.60 -10.91	31.59 2.07 -8.37	31.26 2.29 -4.78	34.98 2.97 -0.75	35.00 3.05 0.00	34.97 3.14 0.00	36.04 3.08 0.00	33.39 2.79 0.00	31.92 2.67 0.00	31.23 2.47 0.00
NYPA__HELLGATE_GT2 24159	25.39 1.70 0.00	23.89 1.56 0.00	24.33 1.44 0.00	29.02 1.76 0.00	35.96 2.24 0.00	36.82 2.53 0.00	40.90 3.03 0.00	47.82 3.89 0.00	35.92 3.06 -0.01	32.35 2.73 -0.55	47.81 2.04 -22.46	46.64 1.75 -24.47	77.05 1.75 -54.49	41.69 1.68 -19.87	31.79 1.60 -10.91	31.59 2.07 -8.37	31.26 2.29 -4.78	34.98 2.97 -0.75	35.00 3.05 0.00	34.97 3.14 0.00	36.04 3.08 0.00	33.39 2.79 0.00	31.92 2.67 0.00	31.23 2.47 0.00
NYS_BARGE__HYD 23848	22.06 -1.63 0.00	20.78 -1.55 0.00	21.62 -1.28 0.00	25.83 -1.44 0.00	31.99 -1.73 0.00	33.15 -1.14 0.00	36.04 -1.83 0.00	40.96 -2.97 0.00	30.85 -2.01 0.00	27.43 -1.64 0.00	22.05 -1.27 0.00	19.30 -1.12 0.00	19.55 -1.26 0.00	18.90 -1.24 0.00	18.21 -1.07 0.00	19.75 -1.41 0.00	22.59 -1.91 -0.31	28.80 -2.47 0.00	29.68 -2.28 0.00	29.32 -2.51 0.00	30.65 -2.32 0.00	27.24 -2.29 1.06	26.65 -2.40 0.20	26.68 -1.92 0.16
OAK ORCHARD__HYD 24046	22.73 -0.96 0.00	21.40 -0.93 0.00	22.13 -0.77 0.00	26.39 -0.87 0.00	32.67 -1.05 0.00	33.67 -0.62 0.00	36.97 -0.90 0.00	42.55 -1.38 0.00	31.93 -0.93 0.00	28.28 -0.79 0.00	22.66 -0.66 0.00	19.84 -0.58 0.00	20.17 -0.65 0.00	19.51 -0.62 0.00	18.74 -0.54 0.00	20.42 -0.74 0.00	23.51 -0.95 -0.28	30.09 -1.17 0.00	30.94 -1.02 0.00	30.64 -1.18 0.00	31.87 -1.10 0.00	28.87 -1.16 0.56	27.85 -1.29 0.10	27.59 -1.09 0.08
OAKDALE__35_KV_LOAD 356122	23.52 -0.17 0.00	22.21 -0.12 0.00	22.79 -0.10 0.00	27.22 -0.04 0.00	33.67 -0.04 0.00	34.40 0.12 0.00	38.05 0.18 0.00	44.28 0.35 0.00	33.12 0.26 0.00	29.30 0.23 0.00	23.46 0.14 0.00	20.48 0.05 0.00	20.90 0.09 0.00	20.19 0.05 0.00	19.32 0.04 0.00	21.17 0.01 0.00	24.91 0.04 -0.69	31.39 0.12 0.00	32.18 0.22 0.00	32.06 0.23 0.00	33.22 0.25 0.00	30.75 0.15 0.00	29.43 0.18 0.00	28.93 0.17 0.00
OCC_CHEM__DRP 24175	21.65 -2.05 0.00	20.36 -1.97 0.00	21.18 -1.71 0.00	25.30 -1.97 0.00	31.31 -2.41 0.00	32.44 -1.85 0.00	35.23 -2.64 0.00	39.94 -3.99 0.00	30.02 -2.83 0.00	26.75 -2.31 0.00	21.51 -1.80 0.00	18.86 -1.56 0.00	19.12 -1.70 0.00	18.50 -1.64 0.00	17.82 -1.46 0.00	19.34 -1.82 0.00	22.06 -2.44 -0.32	28.04 -3.22 0.00	28.89 -3.06 0.00	28.53 -3.30 0.00	29.83 -3.14 0.00	27.60 -3.00 0.00	26.17 -3.08 0.00	26.14 -2.63 0.00

OH_GEN_PROXY 24063	21.85 -1.84 0.00	20.56 -1.77 0.00	21.38 -1.52 0.00	25.53 -1.73 0.00	31.58 -2.14 0.00	32.68 -1.60 0.00	35.53 -2.34 0.00	40.53 -3.40 0.00	30.52 -2.34 0.00	27.16 -1.91 0.00	21.83 -1.49 0.00	19.15 -1.28 0.00	19.44 -1.37 0.00	18.80 -1.34 0.00	18.12 -1.16 0.00	19.66 -1.50 0.00	40.45 -2.04 -18.30	28.55 -2.71 0.00	29.38 -2.58 0.00	29.05 -2.78 0.00	30.36 -2.61 0.00	26.87 -2.53 1.20	26.41 -2.62 0.22	26.38 -2.21 0.18
OLIN_CORP_DRP 24177	21.72 -1.97 0.00	20.47 -1.86 0.00	21.29 -1.60 0.00	25.42 -1.84 0.00	31.49 -2.23 0.00	32.62 -1.67 0.00	35.42 -2.46 0.00	40.15 -3.78 0.00	30.24 -2.61 0.00	26.95 -2.12 0.00	21.66 -1.66 0.00	18.97 -1.46 0.00	19.22 -1.59 0.00	18.59 -1.55 0.00	17.91 -1.38 0.00	19.42 -1.74 0.00	22.18 -2.33 -0.32	28.23 -3.04 0.00	29.10 -2.86 0.00	28.73 -3.10 0.00	30.04 -2.93 0.00	27.76 -2.84 0.00	26.35 -2.90 0.00	26.38 -2.39 0.00
OLIN_CORP_DSASP 323712	21.65 -2.04 0.00	20.36 -1.97 0.00	21.18 -1.71 0.00	25.30 -1.96 0.00	31.30 -2.41 0.00	32.44 -1.85 0.00	35.23 -2.64 0.00	39.93 -4.00 0.00	30.04 -2.82 0.00	26.76 -2.31 0.00	21.54 -1.78 0.00	18.89 -1.53 0.00	19.14 -1.68 0.00	18.51 -1.62 0.00	17.85 -1.44 0.00	19.35 -1.81 0.00	22.08 -2.43 -0.32	28.04 -3.22 0.00	28.88 -3.08 0.00	28.53 -3.30 0.00	29.83 -3.14 0.00	26.42 -3.00 1.17	25.92 -3.11 0.22	25.97 -2.62 0.17
ONEIDA_HERK_LFGE 323681	23.87 0.18 0.00	22.47 0.14 0.00	23.14 0.25 0.00	27.65 0.39 0.00	34.27 0.56 0.00	35.07 0.79 0.00	38.87 1.00 0.00	45.07 1.14 0.00	33.60 0.74 0.00	29.63 0.56 0.00	23.67 0.35 0.00	20.59 0.17 0.00	20.86 0.05 0.00	20.13 -0.01 0.00	19.24 -0.04 0.00	20.97 -0.02 0.17	23.82 0.22 0.58	31.96 0.69 0.00	32.72 0.77 0.00	31.26 0.66 1.22	33.62 0.65 0.00	31.13 0.53 0.00	29.71 0.45 0.00	29.29 0.53 0.00
ONEIDA___115KV_TB4 55905	24.15 0.45 0.00	22.77 0.44 0.00	23.38 0.48 0.00	27.90 0.63 0.00	34.50 0.79 0.00	35.31 1.03 0.00	39.20 1.32 0.00	45.51 1.58 0.00	33.97 1.11 0.00	29.96 0.89 0.00	23.98 0.66 0.00	20.88 0.46 0.00	21.22 0.41 0.00	20.55 0.42 0.00	19.68 0.39 0.00	21.56 0.41 0.00	25.31 0.67 -0.46	32.38 1.12 0.00	33.12 1.17 0.00	32.95 1.12 0.00	34.12 1.15 0.00	31.57 0.98 0.00	30.08 0.83 0.00	29.59 0.83 0.00
ONONDAGA_REF_OCCRA 23987	23.29 -0.40 0.00	21.97 -0.36 0.00	22.55 -0.34 0.00	26.87 -0.40 0.00	33.24 -0.48 0.00	34.00 -0.29 0.00	37.64 -0.23 0.00	43.69 -0.24 0.00	32.64 -0.21 0.00	28.86 -0.20 0.00	23.15 -0.17 0.00	20.25 -0.17 0.00	20.64 -0.18 0.00	19.97 -0.17 0.00	19.09 -0.19 0.00	20.85 -0.31 0.00	24.16 -0.29 -0.26	31.00 -0.26 0.00	31.78 -0.18 0.00	31.61 -0.22 0.00	32.74 -0.23 0.00	30.29 -0.31 0.00	28.90 -0.35 0.00	28.43 -0.34 0.00
ONONDAGA___COGEN 23986	23.27 -0.43 0.00	21.96 -0.37 0.00	22.54 -0.35 0.00	26.84 -0.43 0.00	33.23 -0.49 0.00	33.94 -0.35 0.00	37.59 -0.28 0.00	43.60 -0.33 0.00	32.59 -0.27 0.00	28.83 -0.24 0.00	23.13 -0.19 0.00	20.25 -0.17 0.00	20.63 -0.19 0.00	19.96 -0.18 0.00	19.08 -0.20 0.00	20.86 -0.30 0.00	24.14 -0.29 -0.25	30.97 -0.29 0.00	31.72 -0.23 0.00	31.56 -0.27 0.00	32.69 -0.28 0.00	30.24 -0.36 0.00	28.86 -0.39 0.00	28.39 -0.37 0.00
ONTARIO___LFGE 23819	23.30 -0.39 0.00	22.01 -0.31 0.00	22.60 -0.29 0.00	27.05 -0.22 0.00	33.36 -0.36 0.00	34.26 -0.03 0.00	37.97 0.09 0.00	44.19 0.25 0.00	33.04 0.19 0.00	29.24 0.18 0.00	23.35 0.03 0.00	20.29 -0.14 0.00	20.66 -0.15 0.00	19.96 -0.18 0.00	19.07 -0.21 0.00	20.84 -0.32 0.00	24.24 -0.28 -0.34	31.11 -0.16 0.00	32.10 0.14 0.00	31.93 0.10 0.00	33.10 0.13 0.00	30.59 0.00 0.00	29.24 -0.01 0.00	28.74 -0.03 0.00
ORANGEVILLE_WT_PWR 323706	21.68 -2.01 0.00	20.48 -1.85 0.00	21.44 -1.46 0.00	25.68 -1.59 0.00	31.87 -1.84 0.00	32.99 -1.30 0.00	35.94 -1.93 0.00	41.15 -2.78 0.00	31.01 -1.85 0.00	27.57 -1.50 0.00	22.17 -1.15 0.00	19.40 -1.03 0.00	19.67 -1.14 0.00	18.93 -1.20 0.00	18.19 -1.09 0.00	19.72 -1.44 0.00	22.60 -1.92 -0.33	28.83 -2.43 0.00	29.84 -2.12 0.00	29.59 -2.24 0.00	30.93 -2.04 0.00	27.30 -2.02 1.28	26.98 -2.04 0.24	26.95 -1.63 0.19
ORANGEVILLE___ESR 323794	21.68 -2.01 0.00	20.48 -1.85 0.00	21.44 -1.46 0.00	25.68 -1.59 0.00	31.87 -1.84 0.00	32.99 -1.30 0.00	35.94 -1.93 0.00	41.15 -2.78 0.00	31.01 -1.85 0.00	27.57 -1.50 0.00	22.17 -1.15 0.00	19.40 -1.03 0.00	19.67 -1.14 0.00	18.93 -1.20 0.00	18.19 -1.09 0.00	19.72 -1.44 0.00	22.60 -1.92 -0.33	28.83 -2.43 0.00	29.84 -2.12 0.00	29.59 -2.24 0.00	30.93 -2.04 0.00	27.30 -2.02 1.28	26.98 -2.04 0.24	26.95 -1.63 0.19
OSWEGATCHIE___HYD 24044	23.00 -0.69 0.00	21.62 -0.71 0.00	22.30 -0.59 0.00	26.68 -0.59 0.00	33.07 -0.65 0.00	33.63 -0.66 0.00	37.08 -0.80 0.00	42.86 -1.07 0.00	31.90 -0.96 0.00	28.10 -0.97 0.00	22.46 -0.86 0.00	19.50 -0.92 0.00	19.74 -1.07 0.00	18.98 -1.16 0.00	18.12 -1.16 0.00	18.47 -1.25 1.44	7.55 -1.26 15.37	30.23 -1.03 0.00	31.01 -0.95 0.00	20.18 -1.12 10.53	31.83 -1.14 0.00	29.54 -1.06 0.00	28.28 -0.97 0.00	28.03 -0.73 0.00
OSWEGO___5 23606	22.87 -0.82 0.00	21.58 -0.75 0.00	22.15 -0.74 0.00	26.37 -0.90 0.00	32.61 -1.10 0.00	33.28 -1.00 0.00	36.81 -1.06 0.00	42.69 -1.24 0.00	31.93 -0.93 0.00	28.24 -0.83 0.00	22.66 -0.66 0.00	19.86 -0.57 0.00	20.23 -0.58 0.00	19.58 -0.56 0.00	18.73 -0.56 0.00	20.46 -0.70 0.00	23.59 -0.78 -0.18	30.33 -0.94 0.00	31.05 -0.91 0.00	30.89 -0.94 0.00	32.01 -0.96 0.00	29.64 -0.95 0.00	28.30 -0.95 0.00	27.84 -0.92 0.00
OSWEGO___6 23613	22.87 -0.82 0.00	21.58 -0.75 0.00	22.15 -0.74 0.00	26.37 -0.90 0.00	32.61 -1.10 0.00	33.28 -1.00 0.00	36.81 -1.06 0.00	42.69 -1.24 0.00	31.93 -0.93 0.00	28.24 -0.83 0.00	22.66 -0.66 0.00	19.86 -0.57 0.00	20.23 -0.58 0.00	19.58 -0.56 0.00	18.73 -0.56 0.00	20.46 -0.70 0.00	23.59 -0.78 -0.18	30.33 -0.94 0.00	31.05 -0.91 0.00	30.89 -0.94 0.00	32.01 -0.96 0.00	29.64 -0.95 0.00	28.30 -0.95 0.00	27.84 -0.92 0.00
OUTOKUMPU-AB___DRP 24206	22.21 -1.48 0.00	20.91 -1.42 0.00	21.75 -1.15 0.00	26.00 -1.27 0.00	32.18 -1.54 0.00	33.35 -0.94 0.00	36.28 -1.59 0.00	41.28 -2.65 0.00	31.01 -1.84 0.00	27.56 -1.51 0.00	22.19 -1.13 0.00	19.46 -0.96 0.00	19.73 -1.09 0.00	19.07 -1.07 0.00	18.36 -0.92 0.00	19.93 -1.23 0.00	22.80 -1.71 -0.32	29.02 -2.25 0.00	29.94 -2.02 0.00	29.58 -2.25 0.00	30.90 -2.07 0.00	28.56 -2.03 0.00	27.08 -2.17 0.00	27.02 -1.75 0.00
OXBOW___BTM 323836	21.94 -1.75 0.00	20.65 -1.68 0.00	21.48 -1.42 0.00	25.67 -1.60 0.00	31.77 -1.95 0.00	32.91 -1.37 0.00	35.79 -2.08 0.00	40.64 -3.28 0.00	30.57 -2.28 0.00	27.19 -1.88 0.00	21.89 -1.43 0.00	19.20 -1.22 0.00	19.46 -1.36 0.00	18.81 -1.33 0.00	18.13 -1.16 0.00	19.66 -1.50 0.00	22.46 -2.04 -0.32	28.57 -2.70 0.00	29.43 -2.53 0.00	29.08 -2.75 0.00	30.39 -2.57 0.00	26.92 -2.49 1.18	26.41 -2.62 0.22	26.42 -2.17 0.18

OXBOW____ 24026	21.94 -1.75 0.00	20.65 -1.68 0.00	21.48 -1.42 0.00	25.67 -1.60 0.00	31.77 -1.95 0.00	32.91 -1.37 0.00	35.79 -2.08 0.00	40.65 -3.28 0.00	30.55 -2.30 0.00	27.18 -1.89 0.00	21.87 -1.45 0.00	19.18 -1.25 0.00	19.44 -1.37 0.00	18.80 -1.35 0.00	18.11 -1.17 0.00	19.65 -1.51 0.00	22.45 -2.06 -0.32	28.57 -2.70 0.00	29.45 -2.51 0.00	29.09 -2.74 0.00	30.40 -2.57 0.00	28.11 -2.49 0.00	26.65 -2.60 0.00	26.60 -2.17 0.00
OXY_CHEM_DSASP 323612	21.65 -2.05 0.00	20.36 -1.97 0.00	21.18 -1.71 0.00	25.30 -1.97 0.00	31.31 -2.41 0.00	32.44 -1.85 0.00	35.23 -2.64 0.00	39.94 -3.99 0.00	30.02 -2.83 0.00	26.75 -2.31 0.00	21.51 -1.80 0.00	18.86 -1.56 0.00	19.12 -1.70 0.00	18.50 -1.64 0.00	17.82 -1.46 0.00	19.34 -1.82 0.00	22.06 -2.44 -0.32	28.04 -3.22 0.00	28.89 -3.06 0.00	28.53 -3.30 0.00	29.83 -3.14 0.00	27.60 -3.00 0.00	26.17 -3.08 0.00	26.14 -2.63 0.00
OZONE_PARK_ESR 323760	25.61 1.92 0.00	24.05 1.72 0.00	24.57 1.67 0.00	29.26 2.00 0.00	36.26 2.55 0.00	37.15 2.86 0.00	41.32 3.45 0.00	48.36 4.43 0.00	36.30 3.44 0.00	32.74 3.12 -0.55	48.33 2.55 -22.46	47.04 2.15 -24.47	77.51 2.17 -54.53	42.14 2.12 -19.88	32.23 2.04 -10.91	31.77 2.29 -8.33	31.46 2.71 -4.57	35.45 3.47 -0.72	35.39 3.43 0.00	35.35 3.52 0.00	36.44 3.47 0.00	33.75 3.15 0.00	32.24 2.99 0.00	31.57 2.81 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.65 -2.05 0.00	20.36 -1.97 0.00	21.18 -1.71 0.00	25.30 -1.97 0.00	31.31 -2.41 0.00	32.44 -1.85 0.00	35.23 -2.64 0.00	39.94 -3.99 0.00	30.02 -2.83 0.00	26.75 -2.31 0.00	21.51 -1.80 0.00	18.86 -1.56 0.00	19.12 -1.70 0.00	18.50 -1.64 0.00	17.82 -1.46 0.00	19.34 -1.82 0.00	22.06 -2.44 -0.32	28.04 -3.22 0.00	28.89 -3.06 0.00	28.53 -3.30 0.00	29.83 -3.14 0.00	27.60 -3.00 0.00	26.17 -3.08 0.00	26.14 -2.63 0.00
PACKARD__115KV_DUPONT_184 80571	21.65 -2.05 0.00	20.36 -1.97 0.00	21.18 -1.71 0.00	25.30 -1.97 0.00	31.31 -2.41 0.00	32.44 -1.85 0.00	35.23 -2.64 0.00	39.94 -3.99 0.00	30.02 -2.83 0.00	26.75 -2.31 0.00	21.51 -1.80 0.00	18.86 -1.56 0.00	19.12 -1.70 0.00	18.50 -1.64 0.00	17.82 -1.46 0.00	19.34 -1.82 0.00	22.06 -2.44 -0.32	28.04 -3.22 0.00	28.89 -3.06 0.00	28.53 -3.30 0.00	29.83 -3.14 0.00	27.60 -3.00 0.00	26.17 -3.08 0.00	26.14 -2.63 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.36 1.67 0.00	23.85 1.52 0.00	24.32 1.43 0.00	29.00 1.74 0.00	35.94 2.23 0.00	36.80 2.52 0.00	40.90 3.03 0.00	47.83 3.90 0.00	35.88 3.02 0.00	32.29 2.68 -0.55	47.93 2.15 -22.46	46.70 1.81 -24.47	77.11 1.80 -54.50	41.75 1.74 -19.87	31.89 1.70 -10.91	31.51 1.98 -8.37	31.23 2.26 -4.79	34.96 2.95 -0.75	34.93 2.97 0.00	34.90 3.08 0.00	35.99 3.02 0.00	33.32 2.73 0.00	31.86 2.61 0.00	31.17 2.40 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.48 1.79 0.00	23.99 1.66 0.00	24.48 1.58 0.00	29.19 1.93 0.00	36.18 2.46 0.00	37.13 2.84 0.00	41.28 3.41 0.00	48.28 4.35 0.00	36.16 3.31 0.00	32.53 2.91 -0.55	48.14 2.36 -22.46	46.89 2.00 -24.47	77.29 1.98 -54.50	41.89 1.87 -19.87	32.04 1.85 -10.91	31.71 2.19 -8.37	31.46 2.48 -4.79	35.25 3.23 -0.75	35.19 3.23 0.00	35.15 3.32 0.00	36.22 3.26 0.00	33.52 2.93 0.00	32.05 2.81 0.00	31.37 2.60 0.00
PATROON__115KV_TB1 80586	24.85 1.16 0.00	23.37 1.05 0.00	23.92 1.02 0.00	28.47 1.21 0.00	35.06 1.34 0.00	35.69 1.40 0.00	39.45 1.58 0.00	45.66 1.73 0.00	34.13 1.27 0.00	30.24 1.17 0.00	24.24 0.92 0.00	21.25 0.83 0.00	21.59 0.78 0.00	20.91 0.77 0.00	20.02 0.74 0.00	22.07 0.91 0.00	27.80 1.10 -2.52	32.63 1.37 0.00	33.30 1.34 0.00	33.17 1.34 0.00	34.29 1.32 0.00	31.83 1.23 0.00	30.44 1.19 0.00	30.01 1.24 0.00
PATTRSNVILLE__SOLAR 323815	24.69 1.00 0.00	23.25 0.93 0.00	23.83 0.94 0.00	28.38 1.12 0.00	35.09 1.38 0.00	35.78 1.50 0.00	39.65 1.77 0.00	46.10 2.17 0.00	34.41 1.56 0.00	30.30 1.23 0.00	24.25 0.94 0.00	21.19 0.77 0.00	21.53 0.72 0.00	20.83 0.69 0.00	19.96 0.67 0.00	21.98 0.82 0.00	27.92 1.10 -2.64	32.84 1.57 0.00	33.57 1.61 0.00	33.45 1.62 0.00	34.60 1.63 0.00	32.09 1.50 0.00	30.66 1.41 0.00	30.10 1.34 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.68 -1.01 0.00	21.38 -0.95 0.00	22.23 -0.66 0.00	26.56 -0.70 0.00	32.86 -0.85 0.00	34.03 -0.25 0.00	37.04 -0.84 0.00	42.44 -1.49 0.00	31.92 -0.94 0.00	28.39 -0.68 0.00	22.77 -0.54 0.00	19.91 -0.51 0.00	20.31 -0.51 0.00	19.61 -0.53 0.00	18.87 -0.41 0.00	20.51 -0.65 0.00	23.51 -1.02 -0.35	29.92 -1.35 0.00	30.80 -1.16 0.00	30.48 -1.35 0.00	31.83 -1.14 0.00	29.43 -1.16 0.00	27.98 -1.27 0.00	27.82 -0.94 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.51 1.82 0.00	23.96 1.63 0.00	24.52 1.63 0.00	29.23 1.96 0.00	36.18 2.46 0.00	37.04 2.75 0.00	41.19 3.32 0.00	48.05 4.12 0.00	36.00 3.14 0.00	31.86 2.79 0.00	25.58 2.26 0.00	23.00 1.91 -0.67	29.40 1.92 -6.66	22.02 1.88 0.00	21.38 1.79 -0.31	25.13 2.06 -1.91	28.71 2.46 -2.07	34.46 3.20 0.00	35.17 3.22 0.00	35.11 3.28 0.00	36.23 3.26 0.00	33.54 2.95 0.00	32.03 2.78 0.00	31.39 2.63 0.00
PEEKSKILL____ 23653	25.21 1.52 0.00	23.67 1.34 0.00	24.22 1.33 0.00	28.89 1.63 0.00	35.74 2.03 0.00	36.56 2.27 0.00	40.63 2.75 0.00	47.36 3.43 0.00	35.47 2.62 0.00	31.43 2.36 0.00	25.26 1.94 0.00	25.16 1.62 -3.12	54.46 1.63 -32.02	21.73 1.59 0.00	22.29 1.53 -1.47	32.09 1.75 -9.19	28.29 2.09 -2.02	33.96 2.69 0.00	34.60 2.64 0.00	34.56 2.73 0.00	35.66 2.69 0.00	33.03 2.43 0.00	31.60 2.35 0.00	30.98 2.22 0.00
PGE MADISON__WINDPWR 24146	24.42 0.73 0.00	23.42 1.09 0.00	23.97 1.07 0.00	28.65 1.39 0.00	35.74 2.02 0.00	36.25 1.97 0.00	40.69 2.82 0.00	47.40 3.47 0.00	35.11 2.26 0.00	30.99 1.92 0.00	24.61 1.29 0.00	21.27 0.84 0.00	21.69 0.88 0.00	21.00 0.86 0.00	20.09 0.80 0.00	22.08 0.92 0.00	26.25 1.40 -0.66	33.43 2.17 0.00	34.42 2.46 0.00	34.32 2.49 0.00	35.60 2.63 0.00	33.17 2.27 -0.31	31.38 2.07 -0.06	31.22 2.40 -0.05
PIERCEFIELD__HYD 23852	23.09 -0.60 0.00	21.73 -0.60 0.00	22.31 -0.58 0.00	26.58 -0.68 0.00	32.86 -0.86 0.00	33.11 -1.17 0.00	36.37 -1.50 0.00	41.98 -1.95 0.00	31.34 -1.52 0.00	27.69 -1.37 0.00	22.25 -1.07 0.00	19.39 -1.03 0.00	19.76 -1.05 0.00	19.07 -1.07 0.00	18.26 -1.03 0.00	17.87 -1.11 2.18	1.07 -1.32 21.79	29.77 -1.49 0.00	30.51 -1.45 0.00	14.40 -1.55 15.88	31.45 -1.52 0.00	29.27 -1.33 0.00	28.11 -1.14 0.00	27.84 -0.93 0.00
PINELAWN_CC_1 323563	30.86 2.28 -4.89	28.49 2.06 -4.10	44.47 2.09 -19.48	44.33 2.51 -14.55	36.82 3.10 0.00	37.56 3.28 0.00	41.69 3.82 0.00	48.57 4.63 0.00	36.51 3.65 0.00	35.53 3.39 -3.07	66.84 2.83 -40.68	57.73 2.40 -34.90	74.23 2.36 -51.06	42.99 2.27 -20.58	64.47 2.25 -42.94	35.41 2.47 -11.79	32.39 2.94 -5.27	34.96 3.67 -0.02	35.61 3.65 0.00	35.49 3.66 0.00	36.54 3.57 0.00	33.98 3.38 0.00	35.04 3.19 -2.60	34.60 3.13 -2.71

PJM_GEN_HTP_PROXY 323702	25.35 1.66 0.00	23.81 1.48 0.00	24.34 1.44 0.00	28.99 1.72 0.00	35.93 2.21 0.00	36.77 2.48 0.00	40.88 3.00 0.00	47.80 3.87 0.00	35.86 3.01 0.00	32.27 2.74 -0.47	44.84 2.25 -19.27	43.65 1.89 -21.34	72.99 1.90 -50.27	40.22 1.87 -18.21	30.59 1.79 -9.52	31.33 2.02 -8.14	30.79 2.40 -4.21	33.95 3.05 0.36	34.33 3.00 0.62	34.91 3.09 0.00	35.99 3.02 0.00	33.34 2.75 0.00	31.87 2.62 0.00	31.23 2.46 0.00
PJM_GEN_KEystone 24065	23.84 0.15 0.00	22.41 0.08 0.00	23.06 0.17 0.00	27.55 0.28 0.00	34.06 0.34 0.00	34.93 0.64 0.00	38.49 0.61 0.00	44.61 0.68 0.00	33.41 0.56 0.00	29.67 0.57 -0.04	25.35 0.46 -1.58	17.64 0.35 3.13	-25.20 0.39 46.40	23.08 0.39 -2.55	18.18 0.41 1.51	7.91 0.41 13.65	26.00 0.41 -1.41	30.82 0.49 0.93	31.82 0.49 0.62	32.34 0.51 0.00	33.50 0.54 0.00	29.89 0.44 1.14	29.50 0.46 0.21	29.11 0.52 0.17
PJM_GEN_NEPTUNE_PROXY 323594	30.51 1.93 -4.89	28.18 1.75 -4.10	44.12 1.74 -19.48	43.91 2.10 -14.55	36.31 2.59 0.00	37.05 2.76 0.00	41.07 3.20 0.00	47.85 3.92 0.00	35.95 3.09 0.00	35.00 2.86 -3.07	66.40 2.39 -40.69	57.34 2.02 -34.90	73.93 2.00 -51.12	43.89 1.94 -21.82	64.13 1.91 -42.93	35.09 2.14 -11.79	31.65 2.54 -4.93	33.45 3.15 0.96	34.44 3.11 0.62	34.97 3.15 0.00	36.00 3.04 0.00	33.46 2.86 0.00	34.59 2.73 -2.60	34.16 2.68 -2.71
PJM_GEN_VFT_PROXY 323633	25.23 1.54 0.00	23.68 1.36 0.00	24.21 1.31 0.00	28.84 1.58 0.00	35.73 2.01 0.00	36.58 2.30 0.00	40.68 2.81 0.00	47.56 3.63 0.00	35.69 2.83 0.00	32.19 2.57 -0.55	47.89 2.11 -22.46	46.65 1.75 -24.47	68.28 1.77 -45.70	42.93 1.75 -21.03	31.86 1.67 -10.91	31.37 1.89 -8.33	31.01 2.26 -4.57	33.89 2.88 0.26	34.14 2.81 0.62	34.73 2.90 0.00	35.78 2.82 0.00	33.15 2.55 0.00	31.71 2.46 0.00	31.06 2.30 0.00
PLATSBRG_115KV_PMLD1 355749	23.34 -0.35 0.00	21.95 -0.37 0.00	22.39 -0.50 0.00	26.60 -0.67 0.00	33.11 -0.61 0.00	33.83 -0.46 0.00	37.01 -0.86 0.00	42.63 -1.30 0.00	32.00 -0.85 0.00	28.09 -0.97 0.00	22.36 -0.96 0.00	19.64 -0.78 0.00	19.93 -0.89 0.00	19.21 -0.92 0.00	18.39 -0.89 0.00	17.58 -0.85 2.73	-3.53 -1.04 26.67	29.92 -1.34 0.00	30.67 -1.29 0.00	10.62 -1.28 19.93	31.72 -1.25 0.00	29.67 -0.93 0.00	28.45 -0.80 0.00	28.14 -0.62 0.00
PLEASANTVLY___LBMP 24000	25.14 1.45 0.00	23.62 1.29 0.00	24.18 1.29 0.00	28.82 1.56 0.00	35.65 1.93 0.00	36.43 2.14 0.00	40.44 2.57 0.00	47.16 3.23 0.00	35.33 2.47 0.00	31.28 2.21 0.00	25.12 1.81 0.00	22.82 1.52 -0.88	31.38 1.53 -9.03	21.65 1.51 0.00	21.13 1.43 -0.41	25.41 1.66 -2.59	28.30 1.98 -2.13	33.80 2.53 0.00	34.46 2.51 0.00	34.41 2.58 0.00	35.50 2.54 0.00	32.90 2.31 0.00	31.47 2.22 0.00	30.86 2.10 0.00
PLSNTVLE_13_KV_13.8KV DIST 80602	25.30 1.61 0.00	23.75 1.42 0.00	24.31 1.42 0.00	28.97 1.70 0.00	35.85 2.14 0.00	36.66 2.37 0.00	40.74 2.86 0.00	47.53 3.60 0.00	35.63 2.77 0.00	31.55 2.50 0.02	24.69 2.05 0.67	23.26 1.72 -1.12	39.93 1.73 -17.38	21.24 1.70 0.59	21.46 1.63 -0.55	28.23 1.87 -5.21	28.39 2.22 -1.99	34.08 2.84 0.02	34.76 2.81 0.00	34.71 2.88 0.00	35.80 2.83 0.00	33.16 2.57 0.00	31.72 2.47 0.00	31.09 2.33 0.00
PLSNTVLE_13_KV_13KV DISA_REV_LBMP_I 345020	25.30 1.61 0.00	23.75 1.42 0.00	24.31 1.42 0.00	28.97 1.70 0.00	35.85 2.14 0.00	36.66 2.37 0.00	40.74 2.86 0.00	47.53 3.60 0.00	35.63 2.77 0.00	31.55 2.50 0.02	24.69 2.05 0.67	23.26 1.72 -1.12	39.93 1.73 -17.38	21.24 1.70 0.59	21.46 1.63 -0.55	28.23 1.87 -5.21	28.39 2.22 -1.99	34.08 2.84 0.02	34.76 2.81 0.00	34.71 2.88 0.00	35.80 2.83 0.00	33.16 2.57 0.00	31.72 2.47 0.00	31.09 2.33 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	25.29 1.60 0.00	23.76 1.43 0.00	24.33 1.44 0.00	29.01 1.74 0.00	35.88 2.16 0.00	36.71 2.42 0.00	40.79 2.92 0.00	47.61 3.68 0.00	35.64 2.78 0.00	31.53 2.46 0.00	25.30 1.98 0.00	22.08 1.66 0.00	22.50 1.69 0.00	21.79 1.65 0.00	20.85 1.57 0.00	23.00 1.84 0.00	28.50 2.23 -2.08	34.17 2.91 0.00	34.88 2.93 0.00	34.81 2.98 0.00	35.92 2.95 0.00	33.24 2.65 0.00	31.77 2.52 0.00	31.14 2.37 0.00
POLETTI____ 23519	25.37 1.68 0.00	23.82 1.49 0.00	24.35 1.46 0.00	28.98 1.71 0.00	35.91 2.20 0.00	36.76 2.47 0.00	40.88 3.00 0.00	47.80 3.87 0.00	35.87 3.01 0.00	32.36 2.75 -0.55	48.02 2.25 -22.45	46.77 1.88 -24.46	77.24 1.91 -54.52	41.89 1.87 -19.87	31.98 1.79 -10.90	31.50 2.02 -8.33	31.15 2.40 -4.57	35.02 3.04 -0.72	34.94 2.98 0.00	34.91 3.08 0.00	35.97 3.00 0.00	33.32 2.73 0.00	31.86 2.61 0.00	31.21 2.45 0.00
POMONA____ESR 323819	25.31 1.62 0.00	23.76 1.43 0.00	24.31 1.42 0.00	28.98 1.72 0.00	35.86 2.15 0.00	36.68 2.40 0.00	40.75 2.88 0.00	47.46 3.53 0.00	35.53 2.67 0.00	31.48 2.42 0.00	25.30 1.98 0.00	16.67 1.66 5.41	-32.84 1.67 55.32	21.77 1.63 0.00	18.31 1.57 2.54	7.07 1.79 15.87	28.32 2.13 -2.00	34.01 2.75 0.00	34.66 2.70 0.00	34.63 2.80 0.00	35.71 2.74 0.00	33.08 2.48 0.00	31.63 2.39 0.00	31.02 2.25 0.00
PORT_JEFF_3 23555	31.13 2.55 -4.89	28.84 2.41 -4.10	44.81 2.44 -19.48	44.75 2.94 -14.55	37.38 3.66 0.00	38.16 3.88 0.00	42.37 4.50 0.00	49.38 5.45 0.00	37.12 4.26 0.00	36.07 3.94 -3.07	67.28 3.27 -40.69	58.10 2.77 -34.90	74.51 2.60 -51.09	43.22 2.45 -20.63	64.65 2.42 -42.94	35.60 2.66 -11.79	32.47 3.21 -5.08	35.34 4.06 -0.02	36.03 4.07 0.00	35.87 4.05 0.00	36.74 3.78 0.00	34.15 3.55 0.00	35.19 3.34 -2.60	34.75 3.28 -2.71
PORT_JEFF_4 23616	31.13 2.55 -4.89	28.84 2.41 -4.10	44.81 2.44 -19.48	44.75 2.94 -14.55	37.38 3.66 0.00	38.16 3.88 0.00	42.37 4.50 0.00	49.38 5.45 0.00	37.12 4.26 0.00	36.07 3.94 -3.07	67.28 3.27 -40.69	58.10 2.77 -34.90	74.51 2.60 -51.09	43.22 2.45 -20.63	64.65 2.42 -42.94	35.60 2.66 -11.79	32.47 3.21 -5.08	35.34 4.06 -0.02	36.03 4.07 0.00	35.87 4.05 0.00	36.74 3.78 0.00	34.15 3.55 0.00	35.19 3.34 -2.60	34.75 3.28 -2.71
PORT_JEFF_IC 23713	31.13 2.55 -4.89	28.83 2.40 -4.10	44.79 2.42 -19.48	44.73 2.92 -14.55	37.35 3.63 0.00	38.13 3.85 0.00	42.35 4.47 0.00	49.34 5.41 0.00	37.08 4.23 0.00	36.06 3.92 -3.07	67.25 3.24 -40.69	58.08 2.75 -34.90	74.51 2.61 -51.09	43.24 2.47 -20.63	64.66 2.44 -42.94	35.62 2.67 -11.79	32.49 3.22 -5.08	35.35 4.07 -0.02	36.05 4.10 0.00	35.89 4.07 0.00	36.78 3.82 0.00	34.19 3.59 0.00	35.22 3.37 -2.60	34.78 3.30 -2.71
PPL PILGRIM_ST_GT1 24216	31.05 2.46 -4.89	28.66 2.24 -4.10	44.66 2.28 -19.48	44.57 2.75 -14.55	37.14 3.42 0.00	37.85 3.56 0.00	42.02 4.15 0.00	48.92 4.99 0.00	36.79 3.93 0.00	35.79 3.65 -3.07	67.06 3.05 -40.69	57.91 2.58 -34.90	74.43 2.52 -51.09	43.19 2.43 -20.62	64.63 2.40 -42.94	35.56 2.62 -11.79	32.41 3.12 -5.10	35.20 3.91 -0.02	35.88 3.92 0.00	35.75 3.92 0.00	36.80 3.83 0.00	34.23 3.64 0.00	35.29 3.43 -2.60	34.84 3.36 -2.71

PPL PILGRIM_ST_GT2 24217	31.05 2.46 -4.89	28.66 2.24 -4.10	44.66 2.28 -19.48	44.57 2.75 -14.55	37.14 3.42 0.00	37.85 3.56 0.00	42.02 4.15 0.00	48.92 4.99 0.00	36.79 3.93 0.00	35.79 3.65 -3.07	67.06 3.05 -40.69	57.91 2.58 -34.90	74.43 2.52 -51.09	43.19 2.43 -20.62	64.63 2.40 -42.94	35.56 2.62 -11.79	32.41 3.12 -5.10	35.20 3.91 -0.02	35.88 3.92 0.00	35.75 3.92 0.00	36.80 3.83 0.00	34.23 3.64 0.00	35.29 3.43 -2.60	34.84 3.36 -2.71
PPL_SHRM_GT3 24213	31.21 2.63 -4.89	28.81 2.38 -4.10	44.77 2.40 -19.48	44.72 2.90 -14.55	37.33 3.61 0.00	38.11 3.82 0.00	42.29 4.42 0.00	49.25 5.32 0.00	36.99 4.13 0.00	35.99 3.85 -3.07	67.19 3.18 -40.69	58.01 2.68 -34.90	74.51 2.60 -51.09	43.27 2.50 -20.63	64.69 2.46 -42.94	35.66 2.71 -11.79	32.53 3.28 -5.07	35.37 4.09 -0.02	36.08 4.13 0.00	35.94 4.11 0.00	36.98 4.01 0.00	34.36 3.76 0.00	35.38 3.53 -2.60	34.95 3.47 -2.71
PPL_SHRM_GT4 24214	31.21 2.63 -4.89	28.81 2.38 -4.10	44.77 2.40 -19.48	44.72 2.90 -14.55	37.33 3.61 0.00	38.11 3.82 0.00	42.29 4.42 0.00	49.25 5.32 0.00	36.99 4.13 0.00	35.99 3.85 -3.07	67.19 3.18 -40.69	58.01 2.68 -34.90	74.51 2.60 -51.09	43.27 2.50 -20.63	64.69 2.46 -42.94	35.66 2.71 -11.79	32.53 3.28 -5.07	35.37 4.09 -0.02	36.08 4.13 0.00	35.94 4.11 0.00	36.98 4.01 0.00	34.36 3.76 0.00	35.38 3.53 -2.60	34.95 3.47 -2.71
PROJECT___ORANGE 1 24174	23.11 -0.58 0.00	21.79 -0.54 0.00	22.38 -0.52 0.00	26.64 -0.62 0.00	32.96 -0.76 0.00	33.72 -0.57 0.00	37.31 -0.57 0.00	43.27 -0.66 0.00	32.33 -0.53 0.00	28.60 -0.46 0.00	22.95 -0.36 0.00	20.09 -0.33 0.00	20.47 -0.34 0.00	19.81 -0.33 0.00	18.95 -0.33 0.00	20.70 -0.46 0.00	23.93 -0.48 -0.22	30.71 -0.55 0.00	31.46 -0.49 0.00	31.29 -0.54 0.00	32.41 -0.56 0.00	29.99 -0.60 0.00	28.61 -0.64 0.00	28.15 -0.62 0.00
PROJECT___ORANGE 2 24166	23.11 -0.58 0.00	21.79 -0.54 0.00	22.38 -0.52 0.00	26.64 -0.62 0.00	32.96 -0.76 0.00	33.72 -0.57 0.00	37.31 -0.57 0.00	43.27 -0.66 0.00	32.33 -0.53 0.00	28.60 -0.46 0.00	22.95 -0.36 0.00	20.09 -0.33 0.00	20.47 -0.34 0.00	19.81 -0.33 0.00	18.95 -0.33 0.00	20.70 -0.46 0.00	23.93 -0.48 -0.22	30.71 -0.55 0.00	31.46 -0.49 0.00	31.29 -0.54 0.00	32.41 -0.56 0.00	29.99 -0.60 0.00	28.61 -0.64 0.00	28.15 -0.62 0.00
PUCKETT___SOLAR 323809	23.72 0.03 0.00	22.56 0.23 0.00	23.05 0.16 0.00	27.56 0.30 0.00	34.25 0.53 0.00	34.80 0.52 0.00	38.64 0.77 0.00	44.97 1.04 0.00	33.58 0.72 0.00	29.64 0.57 0.00	23.54 0.23 0.00	20.45 0.03 0.00	20.93 0.11 0.00	20.24 0.10 0.00	19.35 0.06 0.00	21.23 0.07 0.00	25.17 0.28 -0.71	31.84 0.58 0.00	32.72 0.76 0.00	32.59 0.77 0.00	33.74 0.77 0.00	31.57 0.62 -0.35	29.97 0.65 -0.07	29.57 0.76 -0.05
PYRITES___HYD 24023	23.65 -0.04 0.00	22.27 -0.06 0.00	22.86 -0.04 0.00	27.23 -0.03 0.00	33.68 -0.04 0.00	33.97 -0.32 0.00	37.39 -0.49 0.00	43.19 -0.74 0.00	32.19 -0.67 0.00	28.38 -0.68 0.00	22.74 -0.57 0.00	19.84 -0.58 0.00	20.22 -0.60 0.00	19.50 -0.64 0.00	18.70 -0.59 0.00	18.31 -0.62 2.24	1.10 -0.73 22.35	30.61 -0.66 0.00	31.37 -0.59 0.00	14.83 -0.68 16.32	32.35 -0.62 0.00	30.09 -0.51 0.00	28.82 -0.43 0.00	28.48 -0.28 0.00
QUAKERRD_115KV_BK1 80622	22.31 -1.38 0.00	21.02 -1.30 0.00	21.69 -1.20 0.00	25.87 -1.40 0.00	32.01 -1.71 0.00	32.92 -1.36 0.00	36.23 -1.64 0.00	41.78 -2.15 0.00	31.31 -1.54 0.00	27.74 -1.33 0.00	22.23 -1.09 0.00	19.46 -0.96 0.00	19.79 -1.02 0.00	19.14 -1.00 0.00	18.36 -0.92 0.00	20.03 -1.13 0.00	23.12 -1.34 -0.27	29.59 -1.68 0.00	30.39 -1.57 0.00	30.13 -1.70 0.00	31.30 -1.67 0.00	28.92 -1.68 0.00	27.49 -1.76 0.00	27.17 -1.60 0.00
QUENSBRY_115KV_TB8 356137	25.09 1.39 0.00	23.65 1.32 0.00	24.12 1.23 0.00	28.64 1.37 0.00	35.18 1.46 0.00	35.89 1.61 0.00	39.71 1.84 0.00	46.19 2.26 0.00	34.53 1.67 0.00	30.27 1.21 0.00	24.20 0.89 0.00	21.12 0.70 0.00	21.39 0.57 0.00	20.67 0.53 0.00	19.81 0.52 0.00	22.06 0.90 0.00	28.11 1.35 -2.57	33.00 1.74 0.00	33.76 1.80 0.00	33.61 1.78 0.00	34.73 1.76 0.00	32.20 1.60 0.00	30.75 1.50 0.00	30.14 1.37 0.00
RAMAPO___LBMP 323565	25.03 1.34 0.00	23.49 1.16 0.00	24.05 1.16 0.00	28.70 1.43 0.00	35.50 1.78 0.00	36.31 2.03 0.00	40.36 2.49 0.00	47.01 3.08 0.00	35.19 2.33 0.00	31.16 2.09 0.00	25.03 1.71 0.00	18.35 1.41 3.48	-13.32 1.40 35.55	21.54 1.40 0.00	18.99 1.34 1.63	12.47 1.51 10.20	27.94 1.83 -1.92	33.67 2.41 0.00	34.30 2.34 0.00	34.29 2.46 0.00	35.36 2.39 0.00	32.75 2.15 0.00	31.36 2.11 0.00	30.76 1.99 0.00
RANKINE____ 23646	22.31 -1.39 0.00	21.02 -1.31 0.00	21.89 -1.00 0.00	26.17 -1.09 0.00	32.40 -1.32 0.00	33.58 -0.71 0.00	36.57 -1.31 0.00	41.82 -2.11 0.00	31.47 -1.39 0.00	27.99 -1.08 0.00	22.49 -0.83 0.00	19.67 -0.75 0.00	20.00 -0.81 0.00	19.29 -0.85 0.00	18.57 -0.71 0.00	20.17 -0.99 0.00	23.10 -1.42 -0.34	29.43 -1.84 0.00	30.33 -1.63 0.00	30.03 -1.80 0.00	31.37 -1.60 0.00	28.98 -1.61 0.00	27.52 -1.73 0.00	27.39 -1.37 0.00
RAVENSWOOD_GT2_1 24244	25.38 1.69 0.00	23.83 1.50 0.00	24.36 1.47 0.00	29.01 1.75 0.00	35.94 2.22 0.00	36.80 2.51 0.00	40.91 3.04 0.00	47.82 3.89 0.00	35.89 3.03 0.00	32.44 2.76 -0.62	50.90 2.25 -25.33	49.61 1.90 -27.29	81.09 1.91 -58.36	44.44 1.88 -22.42	33.24 1.80 -12.15	31.68 2.03 -8.49	31.48 2.41 -4.89	35.15 3.08 -0.81	34.99 3.04 0.00	34.95 3.12 0.00	36.03 3.06 0.00	33.38 2.78 0.00	31.91 2.66 0.00	31.26 2.49 0.00
RAVENSWOOD_GT2_2 24245	25.38 1.69 0.00	23.83 1.50 0.00	24.36 1.47 0.00	29.01 1.75 0.00	35.94 2.22 0.00	36.80 2.51 0.00	40.91 3.04 0.00	47.82 3.89 0.00	35.89 3.03 0.00	32.44 2.76 -0.62	50.90 2.25 -25.33	49.61 1.90 -27.29	81.09 1.91 -58.36	44.44 1.88 -22.42	33.24 1.80 -12.15	31.68 2.03 -8.49	31.48 2.41 -4.89	35.15 3.08 -0.81	34.99 3.04 0.00	34.95 3.12 0.00	36.03 3.06 0.00	33.38 2.78 0.00	31.91 2.66 0.00	31.26 2.49 0.00
RAVENSWOOD_GT2_3 24246	25.39 1.70 0.00	23.85 1.52 0.00	24.37 1.47 0.00	29.03 1.77 0.00	35.97 2.25 0.00	36.82 2.54 0.00	40.94 3.07 0.00	47.85 3.92 0.00	35.90 3.05 0.00	32.46 2.78 -0.62	50.92 2.27 -25.33	49.63 1.91 -27.29	81.10 1.93 -58.36	44.45 1.89 -22.42	33.26 1.82 -12.15	31.70 2.05 -8.49	31.50 2.43 -4.89	35.18 3.10 -0.81	35.01 3.05 0.00	34.98 3.15 0.00	36.06 3.09 0.00	33.40 2.81 0.00	31.93 2.68 0.00	31.28 2.51 0.00
RAVENSWOOD_GT2_4 24247	25.39 1.70 0.00	23.85 1.52 0.00	24.37 1.47 0.00	29.03 1.77 0.00	35.97 2.25 0.00	36.82 2.54 0.00	40.94 3.07 0.00	47.85 3.92 0.00	35.90 3.05 0.00	32.46 2.78 -0.62	50.92 2.27 -25.33	49.63 1.91 -27.29	81.10 1.93 -58.36	44.45 1.89 -22.42	33.26 1.82 -12.15	31.70 2.05 -8.49	31.50 2.43 -4.89	35.18 3.10 -0.81	35.01 3.05 0.00	34.98 3.15 0.00	36.06 3.09 0.00	33.40 2.81 0.00	31.93 2.68 0.00	31.28 2.51 0.00

RAVENSWOOD_GT3_1 24248	25.38 1.69 0.00	23.83 1.50 0.00	24.36 1.47 0.00	29.01 1.75 0.00	35.95 2.23 0.00	36.80 2.52 0.00	40.91 3.04 0.00	47.83 3.90 0.00	35.89 3.03 0.00	32.45 2.76 -0.62	50.90 2.25 -25.33	49.61 1.90 -27.29	81.09 1.92 -58.36	44.44 1.88 -22.42	33.25 1.81 -12.15	31.69 2.04 -8.49	31.49 2.41 -4.89	35.15 3.08 -0.81	35.00 3.04 0.00	34.96 3.13 0.00	36.03 3.06 0.00	33.38 2.78 0.00	31.91 2.66 0.00	31.26 2.50 0.00
RAVENSWOOD_GT3_2 24249	25.38 1.69 0.00	23.83 1.50 0.00	24.36 1.47 0.00	29.01 1.75 0.00	35.95 2.23 0.00	36.80 2.52 0.00	40.91 3.04 0.00	47.83 3.90 0.00	35.89 3.03 0.00	32.45 2.76 -0.62	50.90 2.25 -25.33	49.61 1.90 -27.29	81.09 1.92 -58.36	44.44 1.88 -22.42	33.25 1.81 -12.15	31.69 2.04 -8.49	31.49 2.41 -4.89	35.15 3.08 -0.81	35.00 3.04 0.00	34.96 3.13 0.00	36.03 3.06 0.00	33.38 2.78 0.00	31.91 2.66 0.00	31.26 2.50 0.00
RAVENSWOOD_GT3_3 24250	25.38 1.69 0.00	23.83 1.50 0.00	24.36 1.47 0.00	29.01 1.75 0.00	35.95 2.23 0.00	36.80 2.52 0.00	40.91 3.04 0.00	47.83 3.90 0.00	35.89 3.03 0.00	32.45 2.76 -0.62	50.90 2.25 -25.33	49.61 1.90 -27.29	81.09 1.92 -58.36	44.44 1.88 -22.42	33.25 1.81 -12.15	31.69 2.04 -8.49	31.49 2.41 -4.89	35.15 3.08 -0.81	35.00 3.04 0.00	34.96 3.13 0.00	36.03 3.06 0.00	33.38 2.78 0.00	31.91 2.66 0.00	31.26 2.50 0.00
RAVENSWOOD_GT3_4 24251	25.38 1.69 0.00	23.83 1.50 0.00	24.36 1.47 0.00	29.01 1.75 0.00	35.95 2.23 0.00	36.80 2.52 0.00	40.91 3.04 0.00	47.83 3.90 0.00	35.89 3.03 0.00	32.45 2.76 -0.62	50.90 2.25 -25.33	49.61 1.90 -27.29	81.09 1.92 -58.36	44.44 1.88 -22.42	33.25 1.81 -12.15	31.69 2.04 -8.49	31.49 2.41 -4.89	35.15 3.08 -0.81	35.00 3.04 0.00	34.96 3.13 0.00	36.03 3.06 0.00	33.38 2.78 0.00	31.91 2.66 0.00	31.26 2.50 0.00
RAVENSWOOD_GT_1 23729	25.44 1.75 0.00	23.90 1.58 0.00	24.41 1.52 0.00	29.08 1.82 0.00	36.04 2.32 0.00	36.91 2.62 0.00	41.04 3.16 0.00	47.99 4.06 0.00	36.03 3.18 0.00	32.56 2.87 -0.62	50.98 2.33 -25.33	49.69 1.98 -27.29	340.28 1.96 -317.51	107.40 1.89 -85.37	33.29 1.85 -12.15	31.75 2.10 -8.49	31.51 2.44 -4.89	35.20 3.13 -0.81	35.07 3.12 0.00	35.04 3.21 0.00	36.15 3.18 0.00	33.49 2.89 0.00	32.01 2.76 0.00	31.34 2.58 0.00
RAVENSWOOD_GT_10 24258	25.38 1.69 0.00	23.83 1.50 0.00	24.36 1.47 0.00	29.01 1.75 0.00	35.95 2.23 0.00	36.80 2.52 0.00	40.91 3.04 0.00	47.83 3.90 0.00	35.89 3.03 0.00	32.45 2.76 -0.62	50.90 2.25 -25.33	49.61 1.90 -27.29	81.09 1.92 -58.36	44.44 1.88 -22.42	33.25 1.81 -12.15	31.69 2.04 -8.49	31.49 2.41 -4.89	35.15 3.08 -0.81	35.00 3.04 0.00	34.96 3.13 0.00	36.03 3.06 0.00	33.38 2.78 0.00	31.91 2.66 0.00	31.26 2.50 0.00
RAVENSWOOD_GT_11 24259	25.38 1.69 0.00	23.83 1.50 0.00	24.36 1.47 0.00	29.01 1.75 0.00	35.95 2.23 0.00	36.80 2.52 0.00	40.91 3.04 0.00	47.83 3.90 0.00	35.89 3.03 0.00	32.45 2.76 -0.62	50.90 2.25 -25.33	49.61 1.90 -27.29	81.09 1.92 -58.36	44.44 1.88 -22.42	33.25 1.81 -12.15	31.69 2.04 -8.49	31.49 2.41 -4.89	35.15 3.08 -0.81	35.00 3.04 0.00	34.96 3.13 0.00	36.03 3.06 0.00	33.38 2.78 0.00	31.91 2.66 0.00	31.26 2.50 0.00
RAVENSWOOD_GT_4 24252	25.37 1.68 0.00	23.82 1.49 0.00	24.36 1.46 0.00	29.01 1.74 0.00	35.93 2.22 0.00	36.79 2.50 0.00	40.90 3.03 0.00	47.80 3.87 0.00	35.87 3.01 0.00	32.43 2.74 -0.62	50.89 2.25 -25.33	49.60 1.89 -27.29	81.08 1.91 -58.36	44.44 1.88 -22.42	33.24 1.80 -12.15	31.68 2.03 -8.49	31.48 2.41 -4.89	35.14 3.07 -0.81	34.98 3.02 0.00	34.94 3.11 0.00	36.02 3.05 0.00	33.37 2.78 0.00	31.90 2.65 0.00	31.25 2.49 0.00
RAVENSWOOD_GT_5 24254	25.37 1.68 0.00	23.82 1.49 0.00	24.36 1.46 0.00	29.01 1.74 0.00	35.93 2.22 0.00	36.79 2.50 0.00	40.90 3.03 0.00	47.80 3.87 0.00	35.87 3.01 0.00	32.43 2.74 -0.62	50.89 2.25 -25.33	49.60 1.89 -27.29	81.08 1.91 -58.36	44.44 1.88 -22.42	33.24 1.80 -12.15	31.68 2.03 -8.49	31.48 2.41 -4.89	35.14 3.07 -0.81	34.98 3.02 0.00	34.94 3.11 0.00	36.02 3.05 0.00	33.37 2.78 0.00	31.90 2.65 0.00	31.25 2.49 0.00
RAVENSWOOD_GT_6 24253	25.37 1.68 0.00	23.82 1.49 0.00	24.36 1.46 0.00	29.01 1.74 0.00	35.93 2.22 0.00	36.79 2.50 0.00	40.90 3.03 0.00	47.80 3.87 0.00	35.87 3.01 0.00	32.43 2.74 -0.62	50.89 2.25 -25.33	49.60 1.89 -27.29	81.08 1.91 -58.36	44.44 1.88 -22.42	33.24 1.80 -12.15	31.68 2.03 -8.49	31.48 2.41 -4.89	35.14 3.07 -0.81	34.98 3.02 0.00	34.94 3.11 0.00	36.02 3.05 0.00	33.37 2.78 0.00	31.90 2.65 0.00	31.25 2.49 0.00
RAVENSWOOD_GT_7 24255	25.37 1.68 0.00	23.82 1.49 0.00	24.36 1.46 0.00	29.01 1.74 0.00	35.93 2.22 0.00	36.79 2.50 0.00	40.90 3.03 0.00	47.80 3.87 0.00	35.87 3.01 0.00	32.43 2.74 -0.62	50.89 2.25 -25.33	49.60 1.89 -27.29	81.08 1.91 -58.36	44.44 1.88 -22.42	33.24 1.80 -12.15	31.68 2.03 -8.49	31.48 2.41 -4.89	35.14 3.07 -0.81	34.98 3.02 0.00	34.94 3.11 0.00	36.02 3.05 0.00	33.37 2.78 0.00	31.90 2.65 0.00	31.25 2.49 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.38 1.69 0.00	23.83 1.50 0.00	24.36 1.47 0.00	29.01 1.75 0.00	35.95 2.23 0.00	36.80 2.52 0.00	40.91 3.04 0.00	47.83 3.90 0.00	35.89 3.03 0.00	32.45 2.76 -0.62	50.90 2.25 -25.33	49.61 1.90 -27.29	81.09 1.92 -58.36	44.44 1.88 -22.42	33.25 1.81 -12.15	31.69 2.04 -8.49	31.49 2.41 -4.89	35.15 3.08 -0.81	35.00 3.04 0.00	34.96 3.13 0.00	36.03 3.06 0.00	33.38 2.78 0.00	31.91 2.66 0.00	31.26 2.50 0.00
RAVENSWOOD_GT_9 24257	25.38 1.69 0.00	23.83 1.50 0.00	24.36 1.47 0.00	29.01 1.75 0.00	35.95 2.23 0.00	36.80 2.52 0.00	40.91 3.04 0.00	47.83 3.90 0.00	35.89 3.03 0.00	32.45 2.76 -0.62	50.90 2.25 -25.33	49.61 1.90 -27.29	81.09 1.92 -58.36	44.44 1.88 -22.42	33.25 1.81 -12.15	31.69 2.04 -8.49	31.49 2.41 -4.89	35.15 3.08 -0.81	35.00 3.04 0.00	34.96 3.13 0.00	36.03 3.06 0.00	33.38 2.78 0.00	31.91 2.66 0.00	31.26 2.50 0.00
RAVENSWOOD___1 23533	25.44 1.75 0.00	23.90 1.58 0.00	24.41 1.51 0.00	29.08 1.81 0.00	36.04 2.32 0.00	36.91 2.62 0.00	41.04 3.16 0.00	47.99 4.06 0.00	36.04 3.18 -0.01	32.56 2.87 -0.62	50.93 2.28 -25.33	49.66 1.94 -27.29	340.25 1.93 -317.51	107.37 1.86 -85.37	33.24 1.80 -12.15	31.75 2.10 -8.49	31.51 2.43 -4.89	35.19 3.11 -0.81	35.08 3.12 0.00	35.05 3.22 0.00	36.15 3.18 0.00	33.49 2.89 0.00	32.01 2.76 0.00	31.34 2.57 0.00
RAVENSWOOD___2 23534	25.44 1.75 0.00	23.90 1.58 0.00	24.41 1.51 0.00	29.08 1.81 0.00	36.04 2.32 0.00	36.91 2.62 0.00	41.04 3.16 0.00	47.99 4.06 0.00	36.04 3.18 -0.01	32.56 2.87 -0.62	50.93 2.28 -25.33	49.66 1.94 -27.29	340.25 1.93 -317.51	107.37 1.86 -85.37	33.24 1.80 -12.15	31.75 2.10 -8.49	31.51 2.43 -4.89	35.19 3.11 -0.81	35.08 3.12 0.00	35.05 3.22 0.00	36.15 3.18 0.00	33.49 2.89 0.00	32.01 2.76 0.00	31.34 2.57 0.00

RAVENSWOOD___3 23535	25.38 1.69 0.00	23.83 1.50 0.00	24.36 1.47 0.00	29.01 1.75 0.00	35.95 2.23 0.00	36.80 2.52 0.00	40.91 3.04 0.00	47.83 3.90 0.00	35.89 3.03 0.00	32.45 2.76 -0.62	50.91 2.27 -25.33	49.62 1.90 -27.29	81.09 1.92 -58.36	44.44 1.88 -22.42	33.25 1.81 -12.15	31.69 2.04 -8.49	31.49 2.41 -4.89	35.16 3.08 -0.81	35.00 3.04 0.00	34.96 3.13 0.00	36.03 3.06 0.00	33.38 2.78 0.00	31.91 2.66 0.00	31.26 2.49 0.00
RAVENSWOOD___4 23820	25.44 1.75 0.00	23.90 1.58 0.00	24.41 1.51 0.00	29.08 1.81 0.00	36.04 2.32 0.00	36.91 2.62 0.00	41.04 3.16 0.00	47.99 4.06 0.00	36.04 3.18 -0.01	32.56 2.87 -0.62	50.93 2.28 -25.33	49.66 1.94 -27.29	340.25 1.93 -317.51	107.37 1.86 -85.37	33.24 1.80 -12.15	31.75 2.10 -8.49	31.51 2.43 -4.89	35.19 3.11 -0.81	35.08 3.12 0.00	35.05 3.22 0.00	36.15 3.18 0.00	33.49 2.89 0.00	32.01 2.76 0.00	31.34 2.57 0.00
RCPL_TRUST___DRP 24196	25.41 1.72 0.00	23.86 1.53 0.00	24.38 1.49 0.00	29.05 1.78 0.00	36.00 2.28 0.00	36.85 2.57 0.00	40.99 3.11 0.00	47.93 4.00 0.00	35.97 3.11 0.00	32.37 2.83 -0.47	44.91 2.32 -19.27	43.71 1.95 -21.34	73.06 1.97 -50.27	39.13 1.93 -17.06	30.66 1.85 -9.52	31.39 2.09 -8.14	30.87 2.47 -4.21	35.02 3.14 -0.62	35.04 3.08 0.00	35.01 3.18 0.00	36.09 3.12 0.00	33.43 2.84 0.00	31.95 2.70 0.00	31.30 2.53 0.00
RED___ROCHESTER 323720	22.87 -0.83 0.00	21.53 -0.80 0.00	22.25 -0.64 0.00	26.54 -0.73 0.00	32.85 -0.87 0.00	33.87 -0.42 0.00	37.21 -0.66 0.00	42.83 -1.10 0.00	32.15 -0.71 0.00	28.47 -0.60 0.00	22.80 -0.52 0.00	19.96 -0.46 0.00	20.29 -0.53 0.00	19.63 -0.51 0.00	18.85 -0.43 0.00	20.55 -0.61 0.00	23.68 -0.78 -0.28	30.32 -0.95 0.00	31.17 -0.79 0.00	30.87 -0.95 0.00	32.11 -0.86 0.00	29.08 -0.96 0.56	28.05 -1.10 0.10	27.77 -0.91 0.08
REGAN___SOLAR 323812	25.75 2.06 0.00	24.25 1.92 0.00	24.89 1.99 0.00	29.68 2.41 0.00	36.88 3.16 0.00	37.76 3.48 0.00	42.03 4.15 0.00	48.97 5.04 0.00	35.88 3.02 0.00	30.66 1.60 0.00	24.20 0.88 0.00	21.07 0.64 0.00	21.41 0.59 0.00	20.75 0.61 0.00	19.95 0.67 0.00	22.02 0.86 0.00	28.77 1.76 -2.83	34.74 3.48 0.00	35.80 3.84 0.00	35.58 3.75 0.00	36.74 3.77 0.00	34.01 3.41 0.00	32.31 3.06 0.00	31.67 2.91 0.00
RENSSELAER___COGEN 23796	24.75 1.06 0.00	23.29 0.96 0.00	23.84 0.95 0.00	28.37 1.10 0.00	34.92 1.21 0.00	35.53 1.24 0.00	39.26 1.39 0.00	45.41 1.48 0.00	33.93 1.07 0.00	30.08 1.01 0.00	24.10 0.79 0.00	21.13 0.71 0.00	21.48 0.66 0.00	20.79 0.65 0.00	19.91 0.63 0.00	21.94 0.78 0.00	27.61 0.94 -2.49	32.42 1.15 0.00	33.08 1.13 0.00	32.96 1.13 0.00	34.08 1.11 0.00	31.65 1.05 0.00	30.28 1.03 0.00	29.86 1.10 0.00
REPUBLIC_115KV_BARTNBRK 55605	25.67 1.98 0.00	24.30 1.97 0.00	24.79 1.90 0.00	29.52 2.26 0.00	36.41 2.69 0.00	37.39 3.10 0.00	41.33 3.46 0.00	48.25 4.32 0.00	36.63 3.77 0.00	32.05 2.98 0.00	25.45 2.13 0.00	21.99 1.56 0.00	22.10 1.28 0.00	21.33 1.19 0.00	20.44 1.15 0.00	23.09 1.93 0.00	29.44 2.69 -2.57	34.40 3.14 0.00	35.16 3.21 0.00	35.04 3.22 0.00	36.10 3.13 0.00	33.51 2.91 0.00	32.09 2.84 0.00	31.42 2.66 0.00
REVERE_CPPR_DRP 24186	24.34 0.65 0.00	22.93 0.60 0.00	23.56 0.67 0.00	28.13 0.86 0.00	34.81 1.10 0.00	35.67 1.39 0.00	39.61 1.74 0.00	45.97 2.03 0.00	34.30 1.44 0.00	30.23 1.16 0.00	24.15 0.84 0.00	21.00 0.58 0.00	21.33 0.51 0.00	20.63 0.48 0.00	19.76 0.47 0.00	21.59 0.51 0.08	24.96 0.87 0.09	32.71 1.45 0.00	33.48 1.52 0.00	32.70 1.44 0.57	34.44 1.47 0.00	31.85 1.26 0.00	30.35 1.10 0.00	29.87 1.10 0.00
REYNOLDS_115KV_TB3 80639	24.87 1.17 0.00	23.41 1.08 0.00	23.96 1.07 0.00	28.52 1.26 0.00	35.15 1.43 0.00	35.73 1.45 0.00	39.55 1.67 0.00	45.86 1.92 0.00	34.27 1.41 0.00	30.33 1.26 0.00	24.32 1.00 0.00	21.30 0.87 0.00	21.63 0.82 0.00	20.94 0.80 0.00	20.06 0.78 0.00	22.13 0.97 0.00	27.84 1.16 -2.50	32.70 1.44 0.00	33.37 1.42 0.00	33.25 1.42 0.00	34.41 1.44 0.00	31.94 1.35 0.00	30.58 1.33 0.00	30.11 1.34 0.00
RIVERBAY____ 323610	25.48 1.79 0.00	23.99 1.66 0.00	24.48 1.58 0.00	29.19 1.93 0.00	36.18 2.46 0.00	37.13 2.84 0.00	41.28 3.41 0.00	48.28 4.35 0.00	36.16 3.31 0.00	32.53 2.91 -0.55	48.14 2.36 -22.46	46.89 2.00 -24.47	77.29 1.98 -54.50	41.89 1.87 -19.87	32.04 1.85 -10.91	31.71 2.19 -8.37	31.46 2.48 -4.79	35.25 3.23 -0.75	35.19 3.23 0.00	35.15 3.32 0.00	36.22 3.26 0.00	33.52 2.93 0.00	32.05 2.81 0.00	31.37 2.60 0.00
RIVERSDE_115KV_TB3 55908	24.83 1.14 0.00	23.37 1.04 0.00	23.92 1.02 0.00	28.47 1.20 0.00	35.06 1.34 0.00	35.66 1.38 0.00	39.45 1.58 0.00	45.67 1.74 0.00	34.13 1.28 0.00	30.23 1.17 0.00	24.24 0.92 0.00	21.24 0.82 0.00	21.58 0.77 0.00	20.90 0.76 0.00	20.02 0.73 0.00	22.06 0.90 0.00	27.77 1.08 -2.50	32.60 1.34 0.00	33.27 1.31 0.00	33.15 1.32 0.00	34.28 1.31 0.00	31.82 1.23 0.00	30.45 1.20 0.00	30.01 1.25 0.00
ROARING___BROOK_WT_PWR 323790	23.22 -0.47 0.00	21.93 -0.40 0.00	22.52 -0.37 0.00	26.86 -0.40 0.00	33.34 -0.38 0.00	33.84 -0.44 0.00	37.30 -0.58 0.00	43.14 -0.78 0.00	32.23 -0.63 0.00	28.47 -0.60 0.00	22.81 -0.51 0.00	19.96 -0.46 0.00	20.32 -0.50 0.00	19.57 -0.57 0.00	18.69 -0.59 0.00	15.79 -0.66 4.70	-22.03 -0.68 45.54	30.49 -0.77 0.00	31.11 -0.84 0.00	-3.40 -0.91 34.32	32.13 -0.84 0.00	29.91 -0.69 0.00	28.58 -0.66 0.00	28.22 -0.54 0.00
ROCHESRG_115KV_T4 355643	22.62 -1.07 0.00	21.30 -1.02 0.00	22.02 -0.87 0.00	26.27 -0.99 0.00	32.51 -1.21 0.00	33.50 -0.79 0.00	36.76 -1.11 0.00	42.30 -1.63 0.00	31.73 -1.13 0.00	28.12 -0.95 0.00	22.54 -0.78 0.00	19.73 -0.69 0.00	20.07 -0.75 0.00	19.42 -0.72 0.00	18.65 -0.64 0.00	20.32 -0.84 0.00	23.38 -1.08 -0.27	29.92 -1.35 0.00	30.76 -1.20 0.00	30.46 -1.37 0.00	31.68 -1.28 0.00	29.28 -1.32 0.00	27.81 -1.44 0.00	27.55 -1.22 0.00
ROCHESTER_9_IC 23652	22.76 -0.93 0.00	21.43 -0.90 0.00	22.15 -0.74 0.00	26.42 -0.85 0.00	32.71 -1.01 0.00	33.70 -0.58 0.00	37.02 -0.86 0.00	42.61 -1.32 0.00	31.96 -0.90 0.00	28.32 -0.75 0.00	22.68 -0.64 0.00	19.85 -0.57 0.00	20.19 -0.63 0.00	19.53 -0.61 0.00	18.76 -0.53 0.00	20.44 -0.72 0.00	23.55 -0.92 -0.28	30.14 -1.13 0.00	30.99 -0.97 0.00	30.69 -1.14 0.00	31.92 -1.05 0.00	29.47 -1.12 0.00	28.00 -1.25 0.00	27.72 -1.05 0.00
ROCKVIEW_13_KV_LD 356306	25.39 1.70 0.00	23.84 1.51 0.00	24.38 1.49 0.00	29.06 1.80 0.00	35.97 2.25 0.00	36.80 2.51 0.00	40.90 3.03 0.00	47.72 3.79 0.00	35.79 2.93 0.00	31.72 2.65 0.00	25.50 2.18 0.00	24.63 1.84 -2.36	46.93 1.85 -24.27	21.95 1.81 0.00	22.14 1.74 -1.12	30.10 1.98 -6.96	28.60 2.36 -2.05	34.27 3.01 0.00	34.93 2.97 0.00	34.88 3.05 0.00	35.98 3.01 0.00	33.33 2.74 0.00	31.87 2.62 0.00	31.23 2.47 0.00

ROME____115KV_TB2 80656	24.34 0.65 0.00	22.93 0.60 0.00	23.56 0.67 0.00	28.13 0.86 0.00	34.81 1.10 0.00	35.67 1.39 0.00	39.61 1.74 0.00	45.97 2.03 0.00	34.30 1.44 0.00	30.23 1.16 0.00	24.15 0.84 0.00	21.00 0.58 0.00	21.33 0.51 0.00	20.63 0.48 0.00	19.76 0.47 0.00	21.59 0.51 0.08	24.96 0.87 0.09	32.71 1.45 0.00	33.48 1.52 0.00	32.70 1.44 0.57	34.44 1.47 0.00	31.85 1.26 0.00	30.35 1.10 0.00	29.87 1.10 0.00
ROSETON____1 23587	25.06 1.37 0.00	23.55 1.22 0.00	24.11 1.21 0.00	28.74 1.47 0.00	35.55 1.83 0.00	36.32 2.03 0.00	40.34 2.46 0.00	47.01 3.08 0.00	35.21 2.36 0.00	31.18 2.11 0.00	25.05 1.73 0.00	21.87 1.45 0.00	22.26 1.45 0.00	21.57 1.43 0.00	20.65 1.37 0.00	22.74 1.58 0.00	28.10 1.88 -2.03	33.68 2.41 0.00	34.33 2.38 0.00	34.29 2.47 0.00	35.38 2.42 0.00	32.79 2.19 0.00	31.37 2.12 0.00	30.77 2.00 0.00
ROSETON____2 23588	25.06 1.37 0.00	23.55 1.22 0.00	24.11 1.21 0.00	28.74 1.47 0.00	35.55 1.83 0.00	36.32 2.03 0.00	40.34 2.46 0.00	47.01 3.08 0.00	35.21 2.36 0.00	31.18 2.11 0.00	25.05 1.73 0.00	21.87 1.45 0.00	22.26 1.45 0.00	21.57 1.43 0.00	20.65 1.37 0.00	22.74 1.58 0.00	28.10 1.88 -2.03	33.68 2.41 0.00	34.33 2.38 0.00	34.29 2.47 0.00	35.38 2.42 0.00	32.79 2.19 0.00	31.37 2.12 0.00	30.77 2.00 0.00
ROTTRDAM_115KV_TB3 80664	24.64 0.95 0.00	23.20 0.87 0.00	23.77 0.88 0.00	28.31 1.04 0.00	34.97 1.25 0.00	35.63 1.34 0.00	39.47 1.60 0.00	45.89 1.95 0.00	34.30 1.44 0.00	30.25 1.18 0.00	24.23 0.92 0.00	21.18 0.76 0.00	21.54 0.73 0.00	20.85 0.71 0.00	19.97 0.68 0.00	22.01 0.85 0.00	27.87 1.09 -2.60	32.71 1.45 0.00	33.41 1.46 0.00	33.31 1.48 0.00	34.45 1.48 0.00	31.95 1.36 0.00	30.54 1.29 0.00	29.99 1.22 0.00
RUSSELL____1 23602	22.86 -0.83 0.00	21.53 -0.80 0.00	22.25 -0.65 0.00	26.54 -0.73 0.00	32.85 -0.87 0.00	33.87 -0.42 0.00	37.21 -0.66 0.00	42.83 -1.10 0.00	32.14 -0.72 0.00	28.46 -0.60 0.00	22.79 -0.53 0.00	19.94 -0.48 0.00	20.28 -0.54 0.00	19.62 -0.52 0.00	18.84 -0.44 0.00	20.54 -0.62 0.00	23.67 -0.80 -0.28	30.32 -0.95 0.00	31.18 -0.78 0.00	30.87 -0.95 0.00	32.10 -0.86 0.00	29.64 -0.95 0.00	28.15 -1.10 0.00	27.85 -0.91 0.00
RUSSELL____2 23532	22.86 -0.83 0.00	21.53 -0.80 0.00	22.25 -0.65 0.00	26.54 -0.73 0.00	32.85 -0.87 0.00	33.87 -0.42 0.00	37.21 -0.66 0.00	42.83 -1.10 0.00	32.14 -0.72 0.00	28.46 -0.60 0.00	22.79 -0.53 0.00	19.94 -0.48 0.00	20.28 -0.54 0.00	19.62 -0.52 0.00	18.84 -0.44 0.00	20.54 -0.62 0.00	23.67 -0.80 -0.28	30.32 -0.95 0.00	31.18 -0.78 0.00	30.87 -0.95 0.00	32.10 -0.86 0.00	29.64 -0.95 0.00	28.15 -1.10 0.00	27.85 -0.91 0.00
RUSSELL____3 23549	22.86 -0.83 0.00	21.53 -0.80 0.00	22.25 -0.65 0.00	26.54 -0.73 0.00	32.85 -0.87 0.00	33.87 -0.42 0.00	37.21 -0.66 0.00	42.83 -1.10 0.00	32.14 -0.72 0.00	28.46 -0.60 0.00	22.79 -0.53 0.00	19.94 -0.48 0.00	20.28 -0.54 0.00	19.62 -0.52 0.00	18.84 -0.44 0.00	20.54 -0.62 0.00	23.67 -0.80 -0.28	30.32 -0.95 0.00	31.18 -0.78 0.00	30.87 -0.95 0.00	32.10 -0.86 0.00	29.64 -0.95 0.00	28.15 -1.10 0.00	27.85 -0.91 0.00
RUSSELL____4 23556	22.86 -0.83 0.00	21.53 -0.80 0.00	22.25 -0.65 0.00	26.54 -0.73 0.00	32.85 -0.87 0.00	33.87 -0.42 0.00	37.21 -0.66 0.00	42.83 -1.10 0.00	32.14 -0.72 0.00	28.46 -0.60 0.00	22.79 -0.53 0.00	19.94 -0.48 0.00	20.28 -0.54 0.00	19.62 -0.52 0.00	18.84 -0.44 0.00	20.54 -0.62 0.00	23.67 -0.80 -0.28	30.32 -0.95 0.00	31.18 -0.78 0.00	30.87 -0.95 0.00	32.10 -0.86 0.00	29.64 -0.95 0.00	28.15 -1.10 0.00	27.85 -0.91 0.00
RUSSELL____STATION 23914	22.86 -0.83 0.00	21.53 -0.80 0.00	22.25 -0.65 0.00	26.54 -0.73 0.00	32.85 -0.87 0.00	33.87 -0.42 0.00	37.21 -0.66 0.00	42.83 -1.10 0.00	32.14 -0.72 0.00	28.46 -0.60 0.00	22.79 -0.53 0.00	19.94 -0.48 0.00	20.28 -0.54 0.00	19.62 -0.52 0.00	18.84 -0.44 0.00	20.54 -0.62 0.00	23.67 -0.80 -0.28	30.32 -0.95 0.00	31.18 -0.78 0.00	30.87 -0.95 0.00	32.10 -0.86 0.00	29.64 -0.95 0.00	28.15 -1.10 0.00	27.85 -0.91 0.00
S SALMON____HYD 24043	22.88 -0.81 0.00	21.54 -0.79 0.00	22.20 -0.69 0.00	26.52 -0.74 0.00	32.86 -0.85 0.00	33.64 -0.65 0.00	37.16 -0.71 0.00	43.08 -0.85 0.00	32.11 -0.74 0.00	28.35 -0.72 0.00	22.67 -0.65 0.00	19.77 -0.65 0.00	20.03 -0.78 0.00	19.32 -0.82 0.00	18.44 -0.85 0.00	19.95 -1.00 0.20	20.85 -1.02 2.32	30.41 -0.86 0.00	31.18 -0.77 0.00	29.46 -0.89 1.48	32.02 -0.95 0.00	29.71 -0.88 0.00	28.34 -0.91 0.00	27.97 -0.80 0.00
S.PERRY__115KV_TB1 80734	23.38 -0.32 0.00	22.10 -0.22 0.00	22.64 -0.25 0.00	27.20 -0.07 0.00	33.80 0.08 0.00	34.71 0.43 0.00	38.46 0.58 0.00	44.88 0.95 0.00	33.57 0.72 0.00	29.26 0.19 0.00	23.17 -0.15 0.00	20.15 -0.27 0.00	20.48 -0.34 0.00	19.76 -0.38 0.00	18.90 -0.39 0.00	20.61 -0.55 0.00	24.32 -0.28 -0.41	31.44 0.18 0.00	32.67 0.71 0.00	32.48 0.65 0.00	33.72 0.76 0.00	31.11 0.52 0.00	29.73 0.48 0.00	29.23 0.46 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.11 -1.58 0.00	20.81 -1.51 0.00	21.65 -1.24 0.00	25.89 -1.38 0.00	32.03 -1.69 0.00	33.18 -1.11 0.00	36.10 -1.78 0.00	41.20 -2.73 0.00	31.01 -1.85 0.00	27.60 -1.47 0.00	22.17 -1.14 0.00	19.42 -1.00 0.00	19.72 -1.09 0.00	19.05 -1.09 0.00	18.35 -0.93 0.00	19.92 -1.24 0.00	22.79 -1.72 -0.33	29.01 -2.26 0.00	29.90 -2.06 0.00	29.57 -2.26 0.00	30.91 -2.06 0.00	28.55 -2.04 0.00	27.09 -2.15 0.00	27.00 -1.77 0.00
SAWYER__23_KV_LOAD 55526	22.11 -1.58 0.00	20.81 -1.51 0.00	21.65 -1.24 0.00	25.89 -1.38 0.00	32.03 -1.69 0.00	33.18 -1.11 0.00	36.10 -1.78 0.00	41.20 -2.73 0.00	31.01 -1.85 0.00	27.60 -1.47 0.00	22.17 -1.14 0.00	19.42 -1.00 0.00	19.72 -1.09 0.00	19.05 -1.09 0.00	18.35 -0.93 0.00	19.92 -1.24 0.00	22.79 -1.72 -0.33	29.01 -2.26 0.00	29.90 -2.06 0.00	29.57 -2.26 0.00	30.91 -2.06 0.00	28.55 -2.04 0.00	27.09 -2.15 0.00	27.00 -1.77 0.00
SELKIRK____I 23801	24.79 1.10 0.00	23.34 1.02 0.00	23.92 1.02 0.00	28.48 1.21 0.00	35.12 1.41 0.00	35.74 1.46 0.00	39.51 1.64 0.00	45.76 1.82 0.00	34.07 1.21 0.00	30.14 1.07 0.00	24.10 0.79 0.00	21.09 0.67 0.00	21.45 0.64 0.00	20.76 0.62 0.00	19.89 0.60 0.00	21.96 0.80 0.00	27.68 1.04 -2.45	32.63 1.37 0.00	33.32 1.36 0.00	33.19 1.36 0.00	34.33 1.36 0.00	31.89 1.30 0.00	30.51 1.26 0.00	30.05 1.28 0.00
SELKIRK____II 23799	24.69 0.99 0.00	23.23 0.90 0.00	23.80 0.90 0.00	28.33 1.06 0.00	34.94 1.22 0.00	35.57 1.28 0.00	39.34 1.46 0.00	45.61 1.68 0.00	34.08 1.22 0.00	30.16 1.10 0.00	24.17 0.86 0.00	21.17 0.75 0.00	21.53 0.71 0.00	20.84 0.70 0.00	19.96 0.67 0.00	21.98 0.82 0.00	27.67 1.00 -2.48	32.53 1.27 0.00	33.21 1.26 0.00	33.10 1.27 0.00	34.23 1.26 0.00	31.78 1.18 0.00	30.40 1.15 0.00	29.93 1.16 0.00

SENECA OSWGO___HYD 24041	22.90 -0.79 0.00	21.59 -0.74 0.00	22.18 -0.72 0.00	26.40 -0.87 0.00	32.67 -1.05 0.00	33.38 -0.91 0.00	36.95 -0.92 0.00	42.87 -1.06 0.00	32.04 -0.81 0.00	28.33 -0.74 0.00	22.74 -0.58 0.00	19.92 -0.50 0.00	20.28 -0.53 0.00	19.61 -0.52 0.00	18.75 -0.54 0.00	20.49 -0.67 0.00	23.58 -0.69 -0.09	30.46 -0.80 0.00	31.21 -0.75 0.00	31.04 -0.79 0.00	32.14 -0.83 0.00	29.74 -0.85 0.00	28.37 -0.88 0.00	27.89 -0.87 0.00
SENECA___115KV_TB3 355854	22.34 -1.35 0.00	21.05 -1.28 0.00	21.92 -0.97 0.00	26.21 -1.06 0.00	32.46 -1.26 0.00	33.64 -0.64 0.00	36.63 -1.24 0.00	41.90 -2.03 0.00	31.53 -1.32 0.00	28.05 -1.02 0.00	22.53 -0.79 0.00	19.71 -0.71 0.00	20.04 -0.78 0.00	19.32 -0.82 0.00	18.61 -0.67 0.00	20.21 -0.95 0.00	23.14 -1.38 -0.34	29.48 -1.78 0.00	30.39 -1.57 0.00	30.08 -1.74 0.00	31.44 -1.54 0.00	29.03 -1.56 0.00	27.57 -1.67 0.00	27.45 -1.32 0.00
SENECA___ENERGY 23797	23.10 -0.59 0.00	21.83 -0.49 0.00	22.42 -0.47 0.00	26.76 -0.51 0.00	33.08 -0.64 0.00	33.89 -0.40 0.00	37.58 -0.29 0.00	43.65 -0.28 0.00	32.66 -0.20 0.00	28.90 -0.17 0.00	23.12 -0.20 0.00	20.15 -0.28 0.00	20.51 -0.31 0.00	19.82 -0.32 0.00	18.93 -0.36 0.00	20.69 -0.47 0.00	24.02 -0.47 -0.30	30.80 -0.46 0.00	31.71 -0.25 0.00	31.56 -0.27 0.00	32.71 -0.26 0.00	30.24 -0.36 0.00	28.86 -0.39 0.00	28.39 -0.37 0.00
SHOEMAKER___GT 23640	24.84 1.15 0.00	23.34 1.02 0.00	23.91 1.01 0.00	28.51 1.24 0.00	35.26 1.54 0.00	36.03 1.75 0.00	40.01 2.14 0.00	46.60 2.67 0.00	34.86 2.01 0.00	30.84 1.78 0.00	24.77 1.45 0.00	19.27 1.20 2.34	-1.87 1.19 23.87	21.30 1.16 0.00	19.30 1.11 1.10	15.60 1.29 6.85	27.57 1.55 -1.84	33.34 2.08 0.00	34.01 2.06 0.00	33.97 2.14 0.00	35.06 2.10 0.00	32.48 1.89 0.00	31.09 1.84 0.00	30.49 1.72 0.00
SHOEMAKR_138KV_BK 111 55601	24.83 1.14 0.00	23.34 1.01 0.00	23.90 1.01 0.00	28.50 1.24 0.00	35.25 1.53 0.00	36.03 1.75 0.00	40.01 2.13 0.00	46.59 2.66 0.00	34.87 2.01 0.00	30.85 1.79 0.00	24.78 1.45 0.00	19.40 1.20 2.23	-0.67 1.20 22.68	21.31 1.17 0.00	19.36 1.12 1.04	15.95 1.29 6.51	27.58 1.56 -1.83	33.34 2.08 0.00	34.00 2.04 0.00	33.95 2.13 0.00	35.06 2.09 0.00	32.47 1.88 0.00	31.08 1.83 0.00	30.49 1.72 0.00
SHOREHAM_IC_1 23715	31.21 2.63 -4.89	28.81 2.38 -4.10	44.77 2.40 -19.48	44.72 2.90 -14.55	37.33 3.61 0.00	38.11 3.82 0.00	42.29 4.42 0.00	49.25 5.32 0.00	36.99 4.13 0.00	35.99 3.85 -3.07	67.19 3.18 -40.69	58.01 2.68 -34.90	74.51 2.60 -51.09	43.27 2.50 -20.63	64.69 2.46 -42.94	35.66 2.71 -11.79	32.53 3.28 -5.07	35.37 4.09 -0.02	36.08 4.13 0.00	35.94 4.11 0.00	36.98 4.01 0.00	34.36 3.76 0.00	35.38 3.53 -2.60	34.95 3.47 -2.71
SHOREHAM_IC_2 23716	31.21 2.63 -4.89	28.81 2.38 -4.10	44.77 2.40 -19.48	44.72 2.90 -14.55	37.33 3.61 0.00	38.11 3.82 0.00	42.29 4.42 0.00	49.25 5.32 0.00	36.99 4.13 0.00	35.99 3.85 -3.07	67.19 3.18 -40.69	58.01 2.68 -34.90	74.51 2.60 -51.09	43.27 2.50 -20.63	64.69 2.46 -42.94	35.66 2.71 -11.79	32.53 3.28 -5.07	35.37 4.09 -0.02	36.08 4.13 0.00	35.94 4.11 0.00	36.98 4.01 0.00	34.36 3.76 0.00	35.38 3.53 -2.60	34.95 3.47 -2.71
SISSONVILLE___ 23735	23.09 -0.60 0.00	21.73 -0.60 0.00	22.31 -0.58 0.00	26.58 -0.68 0.00	32.86 -0.86 0.00	33.11 -1.17 0.00	36.37 -1.50 0.00	41.98 -1.95 0.00	31.34 -1.52 0.00	27.69 -1.37 0.00	22.25 -1.07 0.00	19.39 -1.03 0.00	19.76 -1.05 0.00	19.07 -1.07 0.00	18.26 -1.03 0.00	17.87 -1.11 2.18	1.07 -1.32 21.79	29.77 -1.49 0.00	30.51 -1.45 0.00	14.40 -1.55 15.88	31.45 -1.52 0.00	29.27 -1.33 0.00	28.11 -1.14 0.00	27.84 -0.93 0.00
SITHE_IND_GS1 24169	22.67 -1.02 0.00	21.40 -0.93 0.00	21.96 -0.93 0.00	26.13 -1.14 0.00	32.31 -1.41 0.00	32.98 -1.31 0.00	36.46 -1.42 0.00	42.26 -1.67 0.00	31.62 -1.24 0.00	27.96 -1.10 0.00	22.46 -0.86 0.00	19.69 -0.73 0.00	20.06 -0.75 0.00	19.42 -0.72 0.00	18.59 -0.69 0.00	20.28 -0.88 0.00	23.36 -0.99 -0.16	30.03 -1.23 0.00	30.75 -1.21 0.00	30.60 -1.23 0.00	31.69 -1.28 0.00	29.36 -1.23 0.00	28.03 -1.22 0.00	27.58 -1.19 0.00
SITHE_IND_GS2 24170	22.67 -1.02 0.00	21.40 -0.93 0.00	21.96 -0.93 0.00	26.13 -1.14 0.00	32.31 -1.41 0.00	32.98 -1.31 0.00	36.46 -1.42 0.00	42.26 -1.67 0.00	31.62 -1.24 0.00	27.96 -1.10 0.00	22.46 -0.86 0.00	19.69 -0.73 0.00	20.06 -0.75 0.00	19.42 -0.72 0.00	18.59 -0.69 0.00	20.28 -0.88 0.00	23.36 -0.99 -0.16	30.03 -1.23 0.00	30.75 -1.21 0.00	30.60 -1.23 0.00	31.69 -1.28 0.00	29.36 -1.23 0.00	28.03 -1.22 0.00	27.58 -1.19 0.00
SITHE_IND_GS3 24171	22.67 -1.02 0.00	21.40 -0.93 0.00	21.96 -0.93 0.00	26.13 -1.14 0.00	32.31 -1.41 0.00	32.98 -1.31 0.00	36.46 -1.42 0.00	42.26 -1.67 0.00	31.62 -1.24 0.00	27.96 -1.10 0.00	22.46 -0.86 0.00	19.69 -0.73 0.00	20.06 -0.75 0.00	19.42 -0.72 0.00	18.59 -0.69 0.00	20.28 -0.88 0.00	23.36 -0.99 -0.16	30.03 -1.23 0.00	30.75 -1.21 0.00	30.60 -1.23 0.00	31.69 -1.28 0.00	29.36 -1.23 0.00	28.03 -1.22 0.00	27.58 -1.19 0.00
SITHE_IND_GS4 24172	22.67 -1.02 0.00	21.40 -0.93 0.00	21.96 -0.93 0.00	26.13 -1.14 0.00	32.31 -1.41 0.00	32.98 -1.31 0.00	36.46 -1.42 0.00	42.26 -1.67 0.00	31.62 -1.24 0.00	27.96 -1.10 0.00	22.46 -0.86 0.00	19.69 -0.73 0.00	20.06 -0.75 0.00	19.42 -0.72 0.00	18.59 -0.69 0.00	20.28 -0.88 0.00	23.36 -0.99 -0.16	30.03 -1.23 0.00	30.75 -1.21 0.00	30.60 -1.23 0.00	31.69 -1.28 0.00	29.36 -1.23 0.00	28.03 -1.22 0.00	27.58 -1.19 0.00
SITHE___BATAVIA 24024	22.84 -0.85 0.00	21.51 -0.82 0.00	22.34 -0.55 0.00	26.67 -0.59 0.00	33.05 -0.66 0.00	34.24 -0.04 0.00	37.44 -0.43 0.00	42.82 -1.11 0.00	32.19 -0.66 0.00	28.51 -0.56 0.00	22.81 -0.51 0.00	19.89 -0.53 0.00	20.18 -0.64 0.00	19.51 -0.63 0.00	18.77 -0.52 0.00	20.38 -0.78 0.00	23.47 -1.02 -0.30	30.12 -1.14 0.00	31.05 -0.91 0.00	30.69 -1.13 0.00	32.01 -0.96 0.00	28.60 -1.08 0.91	27.78 -1.30 0.17	27.68 -0.95 0.14
SITHE___INDEPEND 23800	22.67 -1.02 0.00	21.40 -0.93 0.00	21.96 -0.93 0.00	26.13 -1.14 0.00	32.31 -1.41 0.00	32.98 -1.31 0.00	36.46 -1.42 0.00	42.26 -1.67 0.00	31.62 -1.24 0.00	27.96 -1.10 0.00	22.46 -0.86 0.00	19.69 -0.73 0.00	20.07 -0.75 0.00	19.42 -0.72 0.00	18.59 -0.70 0.00	20.28 -0.88 0.00	23.36 -1.00 -0.16	30.03 -1.23 0.00	30.75 -1.21 0.00	30.60 -1.23 0.00	31.69 -1.28 0.00	29.36 -1.23 0.00	28.03 -1.22 0.00	27.57 -1.19 0.00
SITHE___MASSENA 23902	23.50 -0.19 0.00	22.15 -0.18 0.00	22.70 -0.19 0.00	27.04 -0.23 0.00	33.46 -0.26 0.00	33.81 -0.48 0.00	37.09 -0.78 0.00	42.82 -1.11 0.00	32.01 -0.84 0.00	28.34 -0.73 0.00	22.74 -0.58 0.00	19.94 -0.48 0.00	20.37 -0.44 0.00	19.70 -0.45 0.00	18.88 -0.40 0.00	18.07 -0.46 2.63	-2.28 -0.65 25.81	30.45 -0.82 0.00	31.16 -0.79 0.00	11.75 -0.86 19.21	32.17 -0.80 0.00	29.93 -0.66 0.00	28.64 -0.61 0.00	28.26 -0.50 0.00

SITHE___OGDNSBRG 24021	23.71 0.02 0.00	22.34 0.01 0.00	22.92 0.03 0.00	27.30 0.03 0.00	33.79 0.07 0.00	34.10 -0.18 0.00	37.50 -0.37 0.00	43.29 -0.63 0.00	32.28 -0.58 0.00	28.43 -0.63 0.00	22.78 -0.54 0.00	19.92 -0.50 0.00	20.33 -0.49 0.00	19.62 -0.52 0.00	18.81 -0.47 0.00	18.30 -0.51 2.35	0.18 -0.63 23.37	30.72 -0.54 0.00	31.50 -0.46 0.00	14.10 -0.56 17.17	32.49 -0.48 0.00	30.21 -0.39 0.00	28.92 -0.33 0.00	28.55 -0.22 0.00
SITHE___STERLING 23777	24.15 0.45 0.00	22.77 0.44 0.00	23.38 0.48 0.00	27.90 0.63 0.00	34.50 0.79 0.00	35.31 1.03 0.00	39.19 1.32 0.00	45.51 1.58 0.00	33.97 1.12 0.00	29.96 0.89 0.00	23.98 0.66 0.00	20.88 0.46 0.00	21.22 0.41 0.00	20.55 0.41 0.00	19.68 0.39 0.00	21.56 0.40 0.00	25.32 0.67 -0.46	32.38 1.11 0.00	33.12 1.16 0.00	32.95 1.12 0.00	34.12 1.15 0.00	31.57 0.97 0.00	30.08 0.83 0.00	29.60 0.83 0.00
SLEIGHT__34_KV_TB1 80719	22.91 -0.79 0.00	21.56 -0.77 0.00	22.23 -0.66 0.00	26.50 -0.76 0.00	32.80 -0.91 0.00	33.70 -0.58 0.00	37.23 -0.64 0.00	43.03 -0.90 0.00	32.24 -0.62 0.00	28.55 -0.51 0.00	22.87 -0.45 0.00	20.01 -0.41 0.00	20.33 -0.48 0.00	19.66 -0.47 0.00	18.84 -0.44 0.00	20.57 -0.58 0.00	23.79 -0.67 -0.28	30.48 -0.78 0.00	31.30 -0.66 0.00	31.06 -0.76 0.00	32.22 -0.75 0.00	29.74 -0.85 0.00	28.30 -0.95 0.00	27.95 -0.81 0.00
SOUTH CAIRO___GT 23612	25.72 2.03 0.00	24.21 1.88 0.00	24.80 1.90 0.00	29.54 2.27 0.00	36.41 2.69 0.00	37.09 2.80 0.00	41.06 3.19 0.00	47.56 3.63 0.00	35.28 2.42 0.00	30.85 1.78 0.00	24.54 1.22 0.00	21.46 1.04 0.00	21.82 1.01 0.00	21.15 1.01 0.00	20.27 0.99 0.00	22.47 1.31 0.00	28.40 1.85 -2.36	34.05 2.79 0.00	34.93 2.97 0.00	34.71 2.88 0.00	35.87 2.90 0.00	33.25 2.65 0.00	31.71 2.46 0.00	31.20 2.44 0.00
SOUTH HAMPTN___IC 23720	31.45 2.87 -4.89	29.04 2.61 -4.10	45.02 2.64 -19.48	45.02 3.20 -14.55	37.71 3.99 0.00	38.53 4.24 0.00	42.78 4.91 0.00	49.82 5.89 0.00	37.35 4.49 0.00	36.36 4.22 -3.07	67.47 3.46 -40.69	58.27 2.94 -34.90	74.76 2.86 -51.10	43.51 2.73 -20.63	64.92 2.69 -42.94	35.90 2.96 -11.79	32.83 3.57 -5.07	35.81 4.53 -0.02	36.51 4.55 0.00	36.37 4.54 0.00	37.41 4.44 0.00	34.76 4.17 0.00	35.75 3.90 -2.60	35.31 3.83 -2.71
SOUTHDOW__115KV_TB1 355954	23.28 -0.41 0.00	21.88 -0.44 0.00	22.87 -0.02 0.00	27.40 0.13 0.00	33.90 0.18 0.00	35.21 0.93 0.00	38.60 0.72 0.00	44.42 0.49 0.00	33.37 0.51 0.00	29.60 0.54 0.00	23.71 0.39 0.00	20.73 0.31 0.00	21.12 0.30 0.00	20.33 0.19 0.00	19.51 0.22 0.00	20.97 -0.18 0.00	24.15 -0.40 -0.37	30.88 -0.39 0.00	31.79 -0.17 0.00	31.92 0.09 0.00	33.36 0.39 0.00	30.84 0.24 0.00	29.35 0.10 0.00	29.05 0.28 0.00
SOUTHOLD_69_KV_BK 2 55809	31.81 3.23 -4.89	29.37 2.95 -4.10	45.37 2.99 -19.48	45.45 3.63 -14.55	38.26 4.54 0.00	39.13 4.84 0.00	43.47 5.60 0.00	50.63 6.70 0.00	37.86 5.00 0.00	36.91 4.77 -3.07	67.88 3.87 -40.69	58.62 3.29 -34.90	75.11 3.20 -51.09	43.83 3.07 -20.63	65.24 3.02 -42.94	36.26 3.31 -11.79	33.28 4.02 -5.07	36.45 5.17 -0.02	37.19 5.23 0.00	37.03 5.20 0.00	38.10 5.13 0.00	35.38 4.78 0.00	36.31 4.45 -2.60	35.84 4.37 -2.71
SOUTHOLD___IC 23719	31.81 3.23 -4.89	29.37 2.95 -4.10	45.36 2.99 -19.48	45.45 3.63 -14.55	38.26 4.54 0.00	39.13 4.84 0.00	43.47 5.60 0.00	50.63 6.70 0.00	37.85 5.00 0.00	36.91 4.77 -3.07	67.88 3.87 -40.69	58.62 3.30 -34.90	75.11 3.20 -51.10	43.83 3.07 -20.63	65.24 3.02 -42.94	36.26 3.31 -11.79	33.28 4.02 -5.07	36.45 5.17 -0.02	37.19 5.23 0.00	37.03 5.20 0.00	38.10 5.13 0.00	35.37 4.78 0.00	36.30 4.45 -2.60	35.84 4.37 -2.71
SOUTH_FORK_WT_PWR 323839	31.86 3.28 -4.89	29.43 3.00 -4.10	45.42 3.04 -19.48	45.51 3.69 -14.55	38.33 4.61 0.00	39.21 4.93 0.00	43.57 5.69 0.00	50.73 6.80 0.00	37.86 5.00 0.00	36.96 4.83 -3.07	67.93 3.92 -40.69	58.67 3.34 -34.90	75.16 3.25 -51.10	43.88 3.11 -20.63	65.28 3.06 -42.94	36.30 3.36 -11.79	33.32 4.06 -5.07	36.51 5.23 -0.02	37.24 5.29 0.00	37.08 5.26 0.00	38.14 5.17 0.00	35.43 4.83 0.00	36.35 4.50 -2.60	35.89 4.42 -2.71
SPIERFLS_115KV_TB 1 80737	24.97 1.28 0.00	23.52 1.19 0.00	23.99 1.10 0.00	28.47 1.20 0.00	34.93 1.21 0.00	35.60 1.32 0.00	39.39 1.52 0.00	45.81 1.88 0.00	34.18 1.32 0.00	29.99 0.92 0.00	24.00 0.68 0.00	20.97 0.54 0.00	21.25 0.43 0.00	20.55 0.41 0.00	19.69 0.40 0.00	21.88 0.72 0.00	27.89 1.13 -2.57	32.75 1.48 0.00	33.48 1.52 0.00	33.34 1.51 0.00	34.45 1.49 0.00	31.93 1.34 0.00	30.49 1.24 0.00	29.89 1.12 0.00
ST LAWRENCE____ 23600	23.30 -0.40 0.00	21.94 -0.38 0.00	22.50 -0.40 0.00	26.78 -0.48 0.00	33.16 -0.56 0.00	33.50 -0.78 0.00	36.77 -1.11 0.00	42.44 -1.49 0.00	31.75 -1.11 0.00	28.13 -0.94 0.00	22.56 -0.76 0.00	19.81 -0.61 0.00	20.25 -0.56 0.00	19.59 -0.55 0.00	18.77 -0.51 0.00	17.85 -0.58 2.73	-3.26 -0.81 26.64	30.20 -1.06 0.00	30.90 -1.06 0.00	10.81 -1.12 19.91	31.91 -1.06 0.00	29.68 -0.91 0.00	28.40 -0.84 0.00	28.00 -0.76 0.00
STATE_CA_115KV_115_LB 55624	24.85 1.16 0.00	23.38 1.05 0.00	23.92 1.02 0.00	28.47 1.21 0.00	35.06 1.34 0.00	35.69 1.40 0.00	39.46 1.58 0.00	45.66 1.73 0.00	34.13 1.28 0.00	30.24 1.18 0.00	24.24 0.93 0.00	21.25 0.83 0.00	21.60 0.78 0.00	20.91 0.77 0.00	20.03 0.74 0.00	22.07 0.91 0.00	27.81 1.10 -2.52	32.63 1.37 0.00	33.30 1.35 0.00	33.17 1.34 0.00	34.29 1.32 0.00	31.83 1.24 0.00	30.45 1.20 0.00	30.02 1.25 0.00
STATE_ST_34_KV_LOAD 55959	23.44 -0.25 0.00	22.17 -0.16 0.00	22.78 -0.11 0.00	27.13 -0.14 0.00	33.58 -0.14 0.00	34.26 -0.02 0.00	38.09 0.22 0.00	44.17 0.24 0.00	33.03 0.17 0.00	29.23 0.17 0.00	23.43 0.11 0.00	20.47 0.05 0.00	20.84 0.02 0.00	20.16 0.02 0.00	19.24 -0.04 0.00	21.06 -0.10 0.00	24.42 -0.07 -0.30	31.28 0.02 0.00	32.05 0.09 0.00	31.94 0.11 0.00	33.13 0.16 0.00	30.59 0.00 0.00	29.19 -0.06 0.00	28.77 0.00 0.00
STATION 5_MISC_HYD 23604	22.76 -0.93 0.00	21.43 -0.90 0.00	22.15 -0.74 0.00	26.42 -0.84 0.00	32.71 -1.01 0.00	33.70 -0.58 0.00	37.02 -0.86 0.00	42.61 -1.32 0.00	31.97 -0.89 0.00	28.32 -0.74 0.00	22.69 -0.63 0.00	19.87 -0.55 0.00	20.20 -0.62 0.00	19.54 -0.60 0.00	18.77 -0.51 0.00	20.45 -0.71 0.00	23.56 -0.91 -0.28	30.14 -1.12 0.00	30.98 -0.98 0.00	30.69 -1.14 0.00	31.91 -1.05 0.00	28.92 -1.12 0.56	27.90 -1.25 0.10	27.63 -1.05 0.08
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.16 -0.53 0.00	21.83 -0.49 0.00	22.52 -0.38 0.00	26.87 -0.39 0.00	33.25 -0.47 0.00	34.20 -0.08 0.00	37.76 -0.11 0.00	43.62 -0.31 0.00	32.66 -0.20 0.00	28.91 -0.15 0.00	23.12 -0.19 0.00	20.18 -0.24 0.00	20.53 -0.28 0.00	19.86 -0.28 0.00	19.02 -0.26 0.00	20.78 -0.38 0.00	24.04 -0.42 -0.28	30.82 -0.44 0.00	31.71 -0.25 0.00	31.46 -0.37 0.00	32.64 -0.33 0.00	30.14 -0.46 0.00	28.68 -0.57 0.00	28.29 -0.48 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	22.68 -1.02 0.00	21.35 -0.98 0.00	22.06 -0.84 0.00	26.31 -0.96 0.00	32.56 -1.16 0.00	33.54 -0.74 0.00	36.87 -1.00 0.00	42.48 -1.45 0.00	31.86 -1.00 0.00	28.23 -0.83 0.00	22.61 -0.70 0.00	19.80 -0.63 0.00	20.13 -0.69 0.00	19.47 -0.67 0.00	18.69 -0.59 0.00	20.38 -0.78 0.00	23.49 -0.97 -0.28	30.08 -1.18 0.00	30.92 -1.04 0.00	30.62 -1.21 0.00	31.83 -1.13 0.00	29.39 -1.20 0.00	27.93 -1.32 0.00	27.62 -1.15 0.00
STA_56___34_KV_BUS2 355983	22.68 -1.02 0.00	21.35 -0.98 0.00	22.06 -0.84 0.00	26.31 -0.96 0.00	32.56 -1.16 0.00	33.54 -0.74 0.00	36.87 -1.00 0.00	42.48 -1.45 0.00	31.86 -1.00 0.00	28.23 -0.83 0.00	22.61 -0.70 0.00	19.80 -0.63 0.00	20.13 -0.69 0.00	19.47 -0.67 0.00	18.69 -0.59 0.00	20.38 -0.78 0.00	23.49 -0.97 -0.28	30.08 -1.18 0.00	30.92 -1.04 0.00	30.62 -1.21 0.00	31.83 -1.13 0.00	29.39 -1.20 0.00	27.93 -1.32 0.00	27.62 -1.15 0.00
STA_67___115KV_BK2 355882	22.71 -0.98 0.00	21.38 -0.95 0.00	22.10 -0.79 0.00	26.36 -0.91 0.00	32.63 -1.09 0.00	33.63 -0.66 0.00	36.92 -0.95 0.00	42.49 -1.44 0.00	31.88 -0.98 0.00	28.24 -0.82 0.00	22.63 -0.69 0.00	19.81 -0.61 0.00	20.14 -0.67 0.00	19.49 -0.65 0.00	18.72 -0.57 0.00	20.39 -0.76 0.00	23.48 -0.98 -0.28	30.06 -1.21 0.00	30.91 -1.05 0.00	30.61 -1.22 0.00	31.83 -1.14 0.00	29.40 -1.20 0.00	27.93 -1.32 0.00	27.65 -1.12 0.00
STA_7___115KV_9TRANS 80674	22.86 -0.83 0.00	21.53 -0.80 0.00	22.25 -0.65 0.00	26.54 -0.73 0.00	32.85 -0.87 0.00	33.87 -0.42 0.00	37.21 -0.66 0.00	42.83 -1.10 0.00	32.14 -0.72 0.00	28.46 -0.60 0.00	22.79 -0.53 0.00	19.94 -0.48 0.00	20.28 -0.54 0.00	19.62 -0.52 0.00	18.84 -0.44 0.00	20.54 -0.62 0.00	23.67 -0.80 -0.28	30.32 -0.95 0.00	31.18 -0.78 0.00	30.87 -0.95 0.00	32.10 -0.86 0.00	29.64 -0.95 0.00	28.15 -1.10 0.00	27.85 -0.91 0.00
STA_82___115KV_TB1 80780	22.72 -0.97 0.00	21.39 -0.94 0.00	22.11 -0.78 0.00	26.38 -0.88 0.00	32.65 -1.06 0.00	33.65 -0.63 0.00	36.95 -0.92 0.00	42.52 -1.41 0.00	31.90 -0.96 0.00	28.26 -0.80 0.00	22.64 -0.68 0.00	19.82 -0.60 0.00	20.16 -0.66 0.00	19.50 -0.64 0.00	18.72 -0.56 0.00	20.40 -0.76 0.00	23.50 -0.97 -0.28	30.09 -1.18 0.00	30.93 -1.03 0.00	30.63 -1.20 0.00	31.86 -1.11 0.00	29.42 -1.18 0.00	27.95 -1.30 0.00	27.67 -1.09 0.00
STEEL___WIND 323596	22.30 -1.39 0.00	21.02 -1.31 0.00	21.90 -0.99 0.00	26.19 -1.08 0.00	32.42 -1.30 0.00	33.60 -0.69 0.00	36.61 -1.27 0.00	41.84 -2.09 0.00	31.53 -1.32 0.00	28.02 -1.05 0.00	22.53 -0.79 0.00	19.72 -0.71 0.00	20.04 -0.78 0.00	19.31 -0.83 0.00	18.60 -0.69 0.00	20.18 -0.98 0.00	23.12 -1.40 -0.34	29.44 -1.82 0.00	30.33 -1.63 0.00	30.04 -1.79 0.00	31.41 -1.56 0.00	27.66 -1.59 1.35	27.30 -1.70 0.25	27.22 -1.35 0.20
STEPHTWN_115KV_BK_2 55603	25.09 1.40 0.00	23.52 1.19 0.00	24.11 1.21 0.00	28.71 1.45 0.00	35.32 1.60 0.00	36.04 1.75 0.00	39.89 2.02 0.00	46.17 2.24 0.00	34.48 1.62 0.00	30.47 1.41 0.00	24.39 1.07 0.00	21.38 0.96 0.00	21.75 0.94 0.00	21.00 0.86 0.00	20.16 0.88 0.00	22.27 1.12 0.00	28.08 1.40 -2.49	33.03 1.77 0.00	33.72 1.76 0.00	33.58 1.75 0.00	34.73 1.77 0.00	32.19 1.59 0.00	30.79 1.54 0.00	30.32 1.55 0.00
STEUBEN_REC_LFGE 323667	22.59 -1.09 0.00	21.68 -0.65 0.00	21.71 -1.18 0.00	26.50 -0.76 0.00	33.06 -0.66 0.00	33.42 -0.87 0.00	37.32 -0.56 0.00	44.02 0.09 0.00	32.97 0.11 0.00	28.99 -0.07 0.00	23.09 -0.23 0.00	19.97 -0.45 0.00	20.29 -0.53 0.00	19.51 -0.63 0.00	18.52 -0.77 0.00	20.20 -0.96 0.00	23.68 -1.01 -0.50	30.44 -0.83 0.00	31.89 -0.07 0.00	31.90 0.07 0.00	33.20 0.23 0.00	30.76 0.17 0.00	29.75 0.50 0.00	29.13 0.37 0.00
STILLWATER___SOLAR 323814	25.05 1.36 0.00	23.58 1.25 0.00	24.14 1.25 0.00	28.73 1.46 0.00	35.43 1.72 0.00	36.08 1.80 0.00	39.97 2.10 0.00	46.46 2.53 0.00	34.64 1.79 0.00	30.44 1.38 0.00	24.36 1.04 0.00	21.29 0.87 0.00	21.63 0.82 0.00	20.91 0.77 0.00	20.05 0.76 0.00	22.23 1.07 0.00	28.19 1.44 -2.56	33.16 1.89 0.00	33.87 1.91 0.00	33.75 1.92 0.00	34.92 1.95 0.00	32.37 1.78 0.00	30.94 1.69 0.00	30.36 1.60 0.00
STONY___BROOK 24151	31.04 2.46 -4.89	28.72 2.29 -4.10	44.69 2.31 -19.48	44.61 2.79 -14.55	37.19 3.47 0.00	37.96 3.68 0.00	42.16 4.28 0.00	49.14 5.20 0.00	36.92 4.06 0.00	35.93 3.79 -3.07	67.16 3.15 -40.69	58.00 2.67 -34.90	74.46 2.55 -51.09	43.19 2.43 -20.63	64.62 2.40 -42.94	35.58 2.64 -11.79	32.43 3.16 -5.08	35.28 4.00 -0.02	35.98 4.02 0.00	35.81 3.98 0.00	36.74 3.78 0.00	34.15 3.56 0.00	35.19 3.33 -2.60	34.73 3.26 -2.71
STURGEON_POOL_HYD 23609	25.17 1.47 0.00	23.63 1.30 0.00	24.19 1.30 0.00	28.84 1.58 0.00	35.73 2.01 0.00	36.57 2.28 0.00	40.68 2.81 0.00	47.53 3.60 0.00	31.54 2.77 0.00	25.34 2.48 0.00	22.09 2.03 0.00	22.49 1.67 0.00	21.78 1.64 0.00	20.84 1.56 0.00	22.94 1.79 0.00	28.39 2.12 -2.08	34.04 2.78 0.00	34.72 2.76 0.00	34.69 2.86 0.00	35.80 2.83 0.00	33.14 2.55 0.00	31.68 2.43 0.00	31.03 2.27 0.00	
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.97 1.28 0.00	23.44 1.12 0.00	24.01 1.12 0.00	28.63 1.37 0.00	35.42 1.71 0.00	36.22 1.94 0.00	40.25 2.37 0.00	46.89 2.97 0.00	35.10 2.24 0.00	31.07 2.00 0.00	24.94 1.63 0.00	19.04 1.35 2.73	-5.69 1.35 27.85	21.47 1.33 0.00	19.27 1.27 1.28	14.62 1.46 7.99	27.83 1.76 -1.88	33.57 2.31 0.00	34.22 2.26 0.00	34.19 2.37 0.00	35.28 2.31 0.00	32.67 2.08 0.00	31.28 2.03 0.00	30.67 1.91 0.00
SWANROAD_115KV_TB1 355699	21.73 -1.96 0.00	20.49 -1.84 0.00	21.30 -1.59 0.00	25.45 -1.82 0.00	31.52 -2.20 0.00	32.65 -1.64 0.00	35.44 -2.43 0.00	40.16 -3.76 0.00	30.26 -2.60 0.00	26.95 -2.12 0.00	21.66 -1.66 0.00	18.97 -1.46 0.00	19.21 -1.60 0.00	18.59 -1.55 0.00	17.90 -1.38 0.00	19.41 -1.74 0.00	22.17 -2.33 -0.32	28.23 -3.04 0.00	29.10 -2.86 0.00	28.74 -3.09 0.00	30.06 -2.91 0.00	27.77 -2.82 0.00	26.36 -2.89 0.00	26.40 -2.37 0.00
SYNERGY___BIOGAS 323694	22.84 -0.85 0.00	21.51 -0.82 0.00	22.34 -0.55 0.00	26.67 -0.59 0.00	33.05 -0.66 0.00	34.24 -0.04 0.00	37.44 -0.43 0.00	42.82 -1.11 0.00	32.19 -0.66 0.00	28.51 -0.56 0.00	22.81 -0.51 0.00	19.89 -0.53 0.00	20.18 -0.64 0.00	19.51 -0.63 0.00	18.77 -0.52 0.00	20.38 -0.78 0.00	23.47 -1.02 -0.30	30.12 -1.14 0.00	31.05 -0.91 0.00	30.69 -1.13 0.00	32.01 -0.96 0.00	28.60 -1.08 0.91	27.78 -1.30 0.17	27.68 -0.95 0.14
SYRACUSE___ENERGY_ST1 323597	23.27 -0.43 0.00	21.96 -0.37 0.00	22.54 -0.35 0.00	26.84 -0.43 0.00	33.23 -0.49 0.00	33.94 -0.35 0.00	37.59 -0.28 0.00	43.60 -0.33 0.00	32.59 -0.27 0.00	28.83 -0.24 0.00	23.13 -0.19 0.00	20.25 -0.17 0.00	20.63 -0.19 0.00	19.96 -0.18 0.00	19.08 -0.20 0.00	20.86 -0.30 0.00	24.14 -0.29 -0.25	30.97 -0.29 0.00	31.72 -0.23 0.00	31.56 -0.27 0.00	32.69 -0.28 0.00	30.24 -0.36 0.00	28.86 -0.39 0.00	28.39 -0.37 0.00

SYRACUSE___ENERGY_ST2 323598	23.27 -0.43 0.00	21.96 -0.37 0.00	22.54 -0.35 0.00	26.84 -0.43 0.00	33.23 -0.49 0.00	33.94 -0.35 0.00	37.59 -0.28 0.00	43.60 -0.33 0.00	32.59 -0.27 0.00	28.83 -0.24 0.00	23.13 -0.19 0.00	20.25 -0.17 0.00	20.63 -0.19 0.00	19.96 -0.18 0.00	19.08 -0.20 0.00	20.86 -0.30 0.00	24.14 -0.29 -0.25	30.97 -0.29 0.00	31.72 -0.23 0.00	31.56 -0.27 0.00	32.69 -0.28 0.00	30.24 -0.36 0.00	28.86 -0.39 0.00	28.39 -0.37 0.00
SYRACUSE___POWER 24017	23.25 -0.44 0.00	21.94 -0.39 0.00	22.53 -0.37 0.00	26.83 -0.43 0.00	33.18 -0.53 0.00	33.95 -0.34 0.00	37.58 -0.29 0.00	43.60 -0.33 0.00	32.58 -0.28 0.00	28.81 -0.26 0.00	23.11 -0.21 0.00	20.22 -0.20 0.00	20.60 -0.21 0.00	19.93 -0.21 0.00	19.06 -0.22 0.00	20.82 -0.33 0.00	24.12 -0.32 -0.26	30.95 -0.31 0.00	31.72 -0.24 0.00	31.55 -0.28 0.00	32.67 -0.29 0.00	30.23 -0.36 0.00	28.84 -0.41 0.00	28.37 -0.39 0.00
TALLMAN__138KV_BK151 55660	25.17 1.47 0.00	23.62 1.29 0.00	24.18 1.28 0.00	28.84 1.57 0.00	35.69 1.97 0.00	36.51 2.22 0.00	40.57 2.69 0.00	47.25 3.32 0.00	35.37 2.51 0.00	31.33 2.26 0.00	25.17 1.85 0.00	17.69 1.54 4.27	-21.25 1.54 43.60	21.66 1.52 0.00	18.74 1.46 2.00	10.30 1.65 12.51	28.12 1.98 -1.95	33.85 2.59 0.00	34.48 2.53 0.00	34.47 2.64 0.00	35.54 2.57 0.00	32.92 2.32 0.00	31.50 2.26 0.00	30.90 2.13 0.00
TEALLAVE_115KV_TB7 355573	23.09 -0.61 0.00	21.78 -0.55 0.00	22.36 -0.53 0.00	26.64 -0.63 0.00	32.94 -0.78 0.00	33.70 -0.59 0.00	37.29 -0.58 0.00	43.24 -0.69 0.00	32.31 -0.54 0.00	28.58 -0.48 0.00	22.93 -0.38 0.00	20.07 -0.35 0.00	20.45 -0.36 0.00	19.79 -0.35 0.00	18.93 -0.35 0.00	20.68 -0.48 0.00	23.90 -0.50 -0.22	30.69 -0.57 0.00	31.44 -0.52 0.00	31.27 -0.56 0.00	32.38 -0.59 0.00	29.96 -0.63 0.00	28.59 -0.66 0.00	28.13 -0.63 0.00
TELGRAPH_34_KV_EAST 80808	22.37 -1.32 0.00	21.09 -1.24 0.00	21.91 -0.98 0.00	26.18 -1.08 0.00	32.43 -1.29 0.00	33.60 -0.69 0.00	36.62 -1.26 0.00	41.73 -2.20 0.00	31.39 -1.47 0.00	27.88 -1.19 0.00	22.35 -0.97 0.00	19.53 -0.89 0.00	19.81 -1.01 0.00	19.15 -0.99 0.00	18.44 -0.84 0.00	20.02 -1.15 0.00	22.96 -1.54 -0.31	29.35 -1.91 0.00	30.26 -1.70 0.00	29.90 -1.93 0.00	31.21 -1.76 0.00	28.80 -1.79 0.00	27.31 -1.94 0.00	27.24 -1.53 0.00
TEMPLE___115KV_TB 2 55572	23.11 -0.58 0.00	21.79 -0.54 0.00	22.38 -0.52 0.00	26.64 -0.62 0.00	32.96 -0.76 0.00	33.72 -0.57 0.00	37.31 -0.57 0.00	43.27 -0.66 0.00	32.33 -0.53 0.00	28.60 -0.46 0.00	22.95 -0.36 0.00	20.09 -0.33 0.00	20.47 -0.34 0.00	19.81 -0.33 0.00	18.95 -0.33 0.00	20.70 -0.46 0.00	23.93 -0.48 -0.22	30.71 -0.55 0.00	31.46 -0.49 0.00	31.29 -0.54 0.00	32.41 -0.56 0.00	29.99 -0.60 0.00	28.61 -0.64 0.00	28.15 -0.62 0.00
TIANA____69_KV_BK 1 55817	31.37 2.79 -4.89	28.97 2.54 -4.10	44.94 2.56 -19.48	44.91 3.10 -14.55	37.58 3.87 0.00	38.39 4.11 0.00	42.62 4.75 0.00	49.64 5.71 0.00	37.25 4.39 0.00	36.24 4.11 -3.07	67.37 3.36 -40.69	58.18 2.86 -34.90	74.68 2.77 -51.09	43.43 2.66 -20.63	64.85 2.62 -42.94	35.83 2.88 -11.79	32.73 3.48 -5.07	35.68 4.40 -0.02	36.38 4.43 0.00	36.25 4.42 0.00	37.29 4.32 0.00	34.65 4.06 0.00	35.64 3.79 -2.60	35.20 3.73 -2.71
TILDEN___115KV_TB1 80814	23.25 -0.44 0.00	21.94 -0.39 0.00	22.53 -0.37 0.00	26.83 -0.43 0.00	33.18 -0.53 0.00	33.95 -0.34 0.00	37.58 -0.29 0.00	43.60 -0.33 0.00	32.58 -0.28 0.00	28.81 -0.26 0.00	23.11 -0.21 0.00	20.22 -0.20 0.00	20.60 -0.21 0.00	19.93 -0.21 0.00	19.06 -0.22 0.00	20.82 -0.33 0.00	24.12 -0.32 -0.26	30.95 -0.31 0.00	31.72 -0.24 0.00	31.55 -0.28 0.00	32.67 -0.29 0.00	30.23 -0.36 0.00	28.84 -0.41 0.00	28.37 -0.39 0.00
TRIGEN___CC 323695	30.59 2.00 -4.89	28.23 1.81 -4.10	44.18 1.81 -19.48	43.99 2.17 -14.55	36.40 2.69 0.00	37.17 2.88 0.00	41.22 3.34 0.00	48.00 4.06 0.00	36.06 3.20 0.00	35.09 2.95 -3.07	66.43 2.46 -40.65	57.41 2.09 -34.90	73.71 2.06 -50.84	42.49 2.01 -20.35	64.20 1.98 -42.93	35.18 2.24 -11.79	33.16 2.64 -6.33	34.56 3.27 -0.02	35.19 3.23 0.00	35.10 3.27 0.00	36.13 3.17 0.00	33.55 2.96 0.00	34.68 2.82 -2.60	34.26 2.79 -2.71
TRINITY__115KV__ 4 BK 55933	24.78 1.09 0.00	23.32 0.99 0.00	23.87 0.98 0.00	28.40 1.13 0.00	34.96 1.25 0.00	35.58 1.29 0.00	39.32 1.45 0.00	45.50 1.57 0.00	34.01 1.15 0.00	30.13 1.07 0.00	24.16 0.84 0.00	21.18 0.76 0.00	21.52 0.71 0.00	20.84 0.70 0.00	19.96 0.67 0.00	21.99 0.83 0.00	27.68 1.00 -2.50	32.49 1.22 0.00	33.15 1.20 0.00	33.02 1.19 0.00	34.15 1.19 0.00	31.71 1.12 0.00	30.34 1.09 0.00	29.92 1.16 0.00
UNION___PROCESSING_DRP 323587	22.72 -0.97 0.00	21.40 -0.93 0.00	22.13 -0.77 0.00	26.39 -0.88 0.00	32.67 -1.05 0.00	33.67 -0.62 0.00	36.97 -0.90 0.00	42.55 -1.38 0.00	31.91 -0.94 0.00	28.27 -0.79 0.00	22.65 -0.67 0.00	19.83 -0.60 0.00	20.16 -0.66 0.00	19.50 -0.64 0.00	18.73 -0.55 0.00	20.41 -0.75 0.00	23.51 -0.96 -0.28	30.09 -1.18 0.00	30.95 -1.01 0.00	30.65 -1.18 0.00	31.87 -1.09 0.00	29.43 -1.16 0.00	27.96 -1.29 0.00	27.68 -1.09 0.00
UPPER HUDSON___HYD 24058	24.97 1.27 0.00	23.52 1.19 0.00	23.99 1.10 0.00	28.47 1.20 0.00	34.93 1.21 0.00	35.60 1.32 0.00	39.39 1.52 0.00	45.81 1.88 0.00	34.18 1.32 0.00	29.99 0.92 0.00	24.00 0.68 0.00	20.97 0.54 0.00	21.25 0.43 0.00	20.55 0.41 0.00	19.69 0.41 0.00	21.88 0.72 0.00	27.89 1.13 -2.57	32.75 1.48 0.00	33.48 1.52 0.00	33.34 1.51 0.00	34.45 1.49 0.00	31.93 1.34 0.00	30.49 1.24 0.00	29.89 1.12 0.00
UPPER RAQUET___HYD 24056	23.09 -0.60 0.00	21.73 -0.60 0.00	22.31 -0.58 0.00	26.58 -0.68 0.00	32.86 -0.86 0.00	33.11 -1.17 0.00	36.37 -1.50 0.00	41.98 -1.94 0.00	31.35 -1.51 0.00	27.69 -1.37 0.00	22.25 -1.07 0.00	19.39 -1.03 0.00	19.76 -1.05 0.00	19.07 -1.07 0.00	18.26 -1.03 0.00	17.87 -1.11 2.18	1.07 -1.32 21.79	29.77 -1.49 0.00	30.51 -1.45 0.00	14.40 -1.55 15.88	31.45 -1.52 0.00	29.27 -1.33 0.00	28.11 -1.14 0.00	27.84 -0.93 0.00
VALLEY44_115KV_TB2 355964	23.14 -0.55 0.00	21.81 -0.52 0.00	22.65 -0.25 0.00	27.09 -0.18 0.00	33.45 -0.27 0.00	34.45 0.16 0.00	37.41 -0.47 0.00	43.03 -0.90 0.00	32.21 -0.64 0.00	28.62 -0.45 0.00	22.91 -0.41 0.00	20.06 -0.36 0.00	20.65 -0.16 0.00	20.02 -0.12 0.00	19.26 -0.02 0.00	20.92 -0.24 0.00	24.02 -0.55 -0.38	30.37 -0.89 0.00	31.16 -0.80 0.00	30.94 -0.89 0.00	32.27 -0.70 0.00	29.94 -0.65 0.00	28.75 -0.50 0.00	28.54 -0.23 0.00
VALLEY___115KV_TB 1-4 80826	23.92 0.23 0.00	22.59 0.26 0.00	23.12 0.23 0.00	27.59 0.32 0.00	34.09 0.37 0.00	34.62 0.34 0.00	38.46 0.59 0.00	44.74 0.81 0.00	33.37 0.51 0.00	29.32 0.25 0.00	23.46 0.14 0.00	20.48 0.06 0.00	20.81 -0.01 0.00	20.11 -0.03 0.00	19.28 0.00 0.00	21.44 0.14 -0.14	26.04 0.34 -1.51	31.86 0.60 0.00	32.53 0.57 0.00	33.50 0.66 -1.01	33.64 0.67 0.00	31.24 0.64 0.00	29.84 0.59 0.00	29.30 0.54 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.79 1.10 0.00	23.40 1.07 0.00	23.98 1.09 0.00	28.61 1.34 0.00	35.49 1.77 0.00	36.21 1.93 0.00	40.18 2.31 0.00	46.72 2.79 0.00	34.95 2.10 0.00	30.91 1.85 0.00	24.74 1.43 0.00	21.57 1.15 0.00	21.99 1.18 0.00	21.26 1.12 0.00	20.35 1.07 0.00	22.37 1.21 0.00	26.57 1.49 -0.90	33.22 1.96 0.00	33.96 2.00 0.00	33.89 2.06 0.00	35.05 2.09 0.00	32.51 1.91 0.00	31.08 1.83 0.00	30.55 1.78 0.00
VISCHER___FERRY HYD 24020	24.94 1.25 0.00	23.47 1.15 0.00	24.05 1.15 0.00	28.63 1.37 0.00	35.31 1.59 0.00	35.88 1.59 0.00	39.76 1.89 0.00	46.22 2.29 0.00	34.53 1.67 0.00	30.46 1.39 0.00	24.39 1.08 0.00	21.33 0.91 0.00	21.66 0.85 0.00	20.96 0.82 0.00	20.08 0.80 0.00	22.21 1.05 0.00	28.00 1.28 -2.53	32.90 1.63 0.00	33.60 1.64 0.00	33.49 1.66 0.00	34.69 1.72 0.00	32.19 1.60 0.00	30.80 1.55 0.00	30.25 1.49 0.00
V_A_10_SYNC_DSASP 323832	22.12 -1.57 0.00	20.82 -1.51 0.00	21.60 -1.29 0.00	25.80 -1.47 0.00	31.91 -1.80 0.00	32.95 -1.34 0.00	35.94 -1.93 0.00	41.11 -2.81 0.00	30.91 -1.95 0.00	27.46 -1.61 0.00	22.06 -1.26 0.00	19.34 -1.08 0.00	19.66 -1.16 0.00	19.02 -1.12 0.00	18.30 -0.98 0.00	19.89 -1.27 0.00	22.78 -1.70 -0.30	29.01 -2.26 0.00	29.82 -2.14 0.00	29.52 -2.31 0.00	30.79 -2.17 0.00	27.54 -2.13 0.93	26.88 -2.20 0.17	26.78 -1.85 0.14
V_CMM_10_SYNC_DSASP 323787	23.40 -0.29 0.00	22.06 -0.27 0.00	22.61 -0.28 0.00	26.91 -0.35 0.00	33.32 -0.40 0.00	33.67 -0.61 0.00	36.95 -0.93 0.00	42.65 -1.28 0.00	31.91 -0.95 0.00	28.27 -0.80 0.00	22.68 -0.64 0.00	19.90 -0.52 0.00	20.35 -0.47 0.00	19.68 -0.46 0.00	18.86 -0.42 0.00	17.95 -0.48 2.73	-3.14 -0.69 26.64	30.34 -0.92 0.00	31.05 -0.91 0.00	10.96 -0.96 19.91	32.07 -0.90 0.00	29.84 -0.76 0.00	28.54 -0.71 0.00	28.13 -0.64 0.00
V_CMP_10_SYNC_DSASP 323788	23.34 -0.35 0.00	21.95 -0.37 0.00	22.39 -0.50 0.00	26.60 -0.67 0.00	33.11 -0.61 0.00	33.83 -0.46 0.00	37.01 -0.86 0.00	42.63 -1.30 0.00	32.00 -0.85 0.00	28.09 -0.97 0.00	22.35 -0.96 0.00	19.64 -0.78 0.00	19.93 -0.89 0.00	19.22 -0.92 0.00	18.39 -0.89 0.00	17.58 -0.85 2.73	-3.53 -1.04 26.67	29.92 -1.34 0.00	30.67 -1.29 0.00	10.62 -1.28 19.93	31.72 -1.25 0.00	29.66 -0.93 0.00	28.45 -0.80 0.00	28.14 -0.62 0.00
V_D_10_SYNC_DSASP 323841	23.51 -0.18 0.00	22.15 -0.18 0.00	22.71 -0.18 0.00	27.04 -0.23 0.00	33.47 -0.25 0.00	33.81 -0.47 0.00	37.10 -0.78 0.00	42.83 -1.10 0.00	32.02 -0.84 0.00	28.35 -0.71 0.00	22.74 -0.57 0.00	19.94 -0.48 0.00	20.38 -0.44 0.00	19.70 -0.44 0.00	18.89 -0.40 0.00	18.06 -0.46 2.64	-2.33 -0.64 25.87	30.45 -0.81 0.00	31.16 -0.79 0.00	11.70 -0.86 19.26	32.18 -0.79 0.00	29.94 -0.65 0.00	28.65 -0.60 0.00	28.27 -0.50 0.00
V_E_10_SYNC_DSASP 323830	24.42 0.73 0.00	23.42 1.09 0.00	23.97 1.07 0.00	28.65 1.39 0.00	35.74 2.02 0.00	36.25 1.97 0.00	40.69 2.82 0.00	47.40 3.47 0.00	35.11 2.26 0.00	30.99 1.92 0.00	24.61 1.29 0.00	21.27 0.84 0.00	21.69 0.88 0.00	21.00 0.86 0.00	20.09 0.80 0.00	22.08 0.92 0.00	26.25 1.40 -0.66	33.43 2.17 0.00	34.42 2.46 0.00	34.32 2.49 0.00	35.60 2.63 0.00	33.17 2.27 -0.31	31.38 2.07 -0.06	31.22 2.40 -0.05
V_F_30_NSYNC___DSASP 323816	25.06 1.37 0.00	23.59 1.27 0.00	24.16 1.27 0.00	28.75 1.48 0.00	35.46 1.74 0.00	36.12 1.83 0.00	40.02 2.14 0.00	46.51 2.58 0.00	34.71 1.85 0.00	30.51 1.44 0.00	24.42 1.10 0.00	21.34 0.92 0.00	21.68 0.87 0.00	20.96 0.82 0.00	20.10 0.81 0.00	22.27 1.11 0.00	28.23 1.47 -2.57	33.19 1.93 0.00	33.91 1.96 0.00	33.79 1.96 0.00	34.96 1.99 0.00	32.40 1.81 0.00	30.97 1.72 0.00	30.38 1.61 0.00
V_F_30_SYNC_DSASP 323786	24.85 1.16 0.00	23.37 1.05 0.00	23.92 1.02 0.00	28.47 1.21 0.00	35.06 1.34 0.00	35.69 1.40 0.00	39.45 1.58 0.00	45.66 1.73 0.00	34.13 1.27 0.00	30.24 1.17 0.00	24.24 0.92 0.00	21.25 0.83 0.00	21.59 0.78 0.00	20.91 0.77 0.00	20.02 0.74 0.00	22.07 0.91 0.00	27.80 1.10 -2.52	32.63 1.37 0.00	33.30 1.34 0.00	33.17 1.34 0.00	34.29 1.32 0.00	31.83 1.23 0.00	30.44 1.19 0.00	30.01 1.24 0.00
V_XM_10_SYNC_DSASP 323789	23.34 -0.35 0.00	21.95 -0.37 0.00	22.39 -0.50 0.00	26.60 -0.67 0.00	33.11 -0.61 0.00	33.83 -0.46 0.00	37.01 -0.86 0.00	42.63 -1.30 0.00	32.00 -0.85 0.00	28.09 -0.97 0.00	22.35 -0.96 0.00	19.64 -0.78 0.00	19.93 -0.89 0.00	19.22 -0.92 0.00	18.39 -0.89 0.00	17.58 -0.85 2.73	-3.53 -1.04 26.67	29.92 -1.34 0.00	30.67 -1.29 0.00	10.62 -1.28 19.93	31.72 -1.25 0.00	29.66 -0.93 0.00	28.45 -0.80 0.00	28.14 -0.62 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.35 1.66 0.00	23.80 1.47 0.00	24.36 1.47 0.00	29.04 1.77 0.00	35.93 2.21 0.00	36.76 2.48 0.00	40.85 2.97 0.00	47.56 3.63 0.00	35.60 2.74 0.00	31.54 2.48 0.00	25.34 2.03 0.00	16.65 1.70 5.47	-33.45 1.71 55.97	21.82 1.68 0.00	18.32 1.61 2.57	6.94 1.84 16.06	28.37 2.19 -2.00	34.09 2.82 0.00	34.73 2.77 0.00	34.69 2.86 0.00	35.78 2.82 0.00	33.14 2.54 0.00	31.69 2.44 0.00	31.07 2.30 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.35 1.66 0.00	23.81 1.48 0.00	24.34 1.44 0.00	28.99 1.72 0.00	35.93 2.21 0.00	36.77 2.48 0.00	40.88 3.00 0.00	47.80 3.87 0.00	35.86 3.01 0.00	32.27 2.73 -0.47	44.83 2.24 -19.27	43.64 1.88 -21.34	72.98 1.90 -50.27	39.06 1.87 -17.06	30.59 1.79 -9.52	31.33 2.02 -8.14	30.79 2.40 -4.21	34.93 3.05 -0.62	34.95 2.99 0.00	34.91 3.09 0.00	35.99 3.02 0.00	33.34 2.75 0.00	31.87 2.62 0.00	31.22 2.46 0.00
W50THST__13_KV_LOAD 356117	25.55 1.86 0.00	23.99 1.66 0.00	24.52 1.63 0.00	29.20 1.94 0.00	36.20 2.49 0.00	37.08 2.79 0.00	41.26 3.38 0.00	48.27 4.34 0.00	36.25 3.40 0.00	32.63 3.09 -0.47	45.12 2.53 -19.27	43.90 2.14 -21.34	73.26 2.17 -50.27	39.31 2.11 -17.06	30.83 2.03 -9.52	31.57 2.27 -8.14	31.08 2.68 -4.21	35.28 3.40 -0.62	35.30 3.34 0.00	35.26 3.43 0.00	36.33 3.36 0.00	33.67 3.07 0.00	32.17 2.92 0.00	31.50 2.74 0.00
WADING RIVER_IC_1 23522	31.20 2.62 -4.89	28.81 2.38 -4.10	44.77 2.39 -19.48	44.71 2.89 -14.55	37.32 3.61 0.00	38.10 3.82 0.00	42.29 4.41 0.00	49.24 5.31 0.00	36.99 4.13 0.00	35.99 3.85 -3.07	67.18 3.18 -40.69	58.02 2.69 -34.90	74.52 2.61 -51.10	43.27 2.50 -20.63	64.69 2.47 -42.94	35.66 2.71 -11.79	32.53 3.28 -5.07	35.37 4.09 -0.02	36.06 4.10 0.00	35.92 4.09 0.00	36.94 3.97 0.00	34.33 3.73 0.00	35.35 3.50 -2.60	34.91 3.44 -2.71
WADING RIVER_IC_2 23547	31.20 2.62 -4.89	28.81 2.38 -4.10	44.77 2.39 -19.48	44.71 2.89 -14.55	37.32 3.61 0.00	38.10 3.82 0.00	42.29 4.41 0.00	49.24 5.31 0.00	36.99 4.13 0.00	35.99 3.85 -3.07	67.18 3.18 -40.69	58.02 2.69 -34.90	74.52 2.61 -51.10	43.27 2.50 -20.63	64.69 2.47 -42.94	35.66 2.71 -11.79	32.53 3.28 -5.07	35.37 4.09 -0.02	36.06 4.10 0.00	35.92 4.09 0.00	36.94 3.97 0.00	34.33 3.73 0.00	35.35 3.50 -2.60	34.91 3.44 -2.71

WADING RIVER_IC_3 23601	31.20 2.62 -4.89	28.81 2.38 -4.10	44.77 2.39 -19.48	44.71 2.89 -14.55	37.32 3.61 0.00	38.10 3.82 0.00	42.29 4.41 0.00	49.24 5.31 0.00	36.99 4.13 0.00	35.99 3.85 -3.07	67.18 3.18 -40.69	58.02 2.69 -34.90	74.52 2.61 -51.10	43.27 2.50 -20.63	64.69 2.47 -42.94	35.66 2.71 -11.79	32.53 3.28 -5.07	35.37 4.09 -0.02	36.06 4.10 0.00	35.92 4.09 0.00	36.94 3.97 0.00	34.33 3.73 0.00	35.35 3.50 -2.60	34.91 3.44 -2.71
WALDENNY_I2_KV_BK2 80841	22.34 -1.35 0.00	21.05 -1.28 0.00	21.91 -0.98 0.00	26.21 -1.06 0.00	32.44 -1.28 0.00	33.63 -0.66 0.00	36.63 -1.24 0.00	41.83 -2.10 0.00	31.50 -1.35 0.00	28.04 -1.03 0.00	22.52 -0.80 0.00	19.70 -0.72 0.00	20.02 -0.79 0.00	19.32 -0.82 0.00	18.59 -0.69 0.00	20.19 -0.97 0.00	23.12 -1.40 -0.33	29.45 -1.81 0.00	30.36 -1.60 0.00	30.03 -1.80 0.00	31.38 -1.59 0.00	28.99 -1.61 0.00	27.52 -1.73 0.00	27.41 -1.36 0.00
WALDEN___HYDRO 24148	25.24 1.55 0.00	23.70 1.37 0.00	24.27 1.37 0.00	28.93 1.67 0.00	35.80 2.09 0.00	36.64 2.35 0.00	40.75 2.88 0.00	47.49 3.56 0.00	35.53 2.67 0.00	31.39 2.33 0.00	25.19 1.87 0.00	21.02 1.54 0.94	13.52 1.53 8.83	21.64 1.50 0.00	20.30 1.42 0.40	20.27 1.65 2.54	28.17 2.01 -1.97	34.02 2.76 0.00	34.73 2.77 0.00	34.69 2.86 0.00	35.80 2.83 0.00	33.14 2.54 0.00	31.68 2.43 0.00	31.04 2.27 0.00
WARRENSBURG____ 23737	24.97 1.27 0.00	23.52 1.19 0.00	23.99 1.10 0.00	28.47 1.20 0.00	34.93 1.21 0.00	35.60 1.32 0.00	39.39 1.52 0.00	45.81 1.88 0.00	34.18 1.32 0.00	29.99 0.92 0.00	24.00 0.68 0.00	20.97 0.54 0.00	21.25 0.43 0.00	20.55 0.41 0.00	19.69 0.41 0.00	21.88 0.72 0.00	27.89 1.13 -2.57	32.75 1.48 0.00	33.48 1.52 0.00	33.34 1.51 0.00	34.45 1.49 0.00	31.93 1.34 0.00	30.49 1.24 0.00	29.89 1.12 0.00
WATERSIDE___6 8 9 23538	25.44 1.75 0.00	23.90 1.58 0.00	24.41 1.52 0.00	29.08 1.82 0.00	36.04 2.32 0.00	36.91 2.62 0.00	41.04 3.16 0.00	47.99 4.06 0.00	36.03 3.18 0.00	32.56 2.87 -0.62	50.98 2.33 -25.33	49.69 1.98 -27.29	340.28 1.96 -317.51	107.40 1.89 -85.37	33.29 1.85 -12.15	31.75 2.10 -8.49	31.51 2.44 -4.89	35.20 3.13 -0.81	35.07 3.12 0.00	35.04 3.21 0.00	36.15 3.18 0.00	33.49 2.89 0.00	32.01 2.76 0.00	31.34 2.58 0.00
WATKINRD_115KV_LN8_IL 55919	24.05 0.36 0.00	22.69 0.36 0.00	23.24 0.35 0.00	27.70 0.44 0.00	34.24 0.52 0.00	34.81 0.53 0.00	38.62 0.74 0.00	44.90 0.97 0.00	33.51 0.65 0.00	29.51 0.44 0.00	23.63 0.31 0.00	20.64 0.22 0.00	20.99 0.17 0.00	20.29 0.15 0.00	19.45 0.16 0.00	21.60 0.30 -0.14	26.18 0.49 -1.51	32.00 0.73 0.00	32.67 0.71 0.00	33.61 0.76 -1.01	33.74 0.78 0.00	31.32 0.72 0.00	29.92 0.67 0.00	29.38 0.61 0.00
WATSON___69_KV_BK 1 55734	31.19 2.61 -4.89	28.80 2.37 -4.10	44.79 2.41 -19.48	44.72 2.91 -14.55	37.33 3.61 0.00	38.08 3.80 0.00	42.29 4.41 0.00	49.26 5.33 0.00	37.04 4.18 0.00	36.02 3.87 -3.07	67.22 3.22 -40.69	58.06 2.73 -34.90	74.56 2.66 -51.08	43.33 2.57 -20.61	64.76 2.53 -42.94	35.72 2.78 -11.79	32.64 3.32 -5.14	35.47 4.19 -0.02	36.16 4.20 0.00	36.02 4.19 0.00	37.07 4.10 0.00	34.47 3.88 0.00	35.49 3.64 -2.60	35.02 3.55 -2.71
WDELAWARE___HYD 323627	24.72 1.03 0.00	23.21 0.88 0.00	23.76 0.87 0.00	28.38 1.11 0.00	35.11 1.40 0.00	35.97 1.69 0.00	40.06 2.18 0.00	46.77 2.84 0.00	34.96 2.10 0.00	30.82 1.75 0.00	24.68 1.36 0.00	20.70 0.95 0.68	14.44 0.44 6.81	20.57 0.43 0.00	19.38 0.41 0.31	19.77 0.57 1.95	26.87 0.86 -1.83	32.59 1.33 0.00	33.28 1.32 0.00	33.35 1.52 0.00	35.24 2.27 0.00	32.60 2.01 0.00	31.15 1.90 0.00	30.50 1.73 0.00
WEST BABYLON___IC 23714	31.05 2.47 -4.89	28.68 2.25 -4.10	44.66 2.28 -19.48	44.56 2.75 -14.55	37.12 3.40 0.00	37.87 3.58 0.00	42.04 4.17 0.00	48.98 5.05 0.00	36.82 3.97 0.00	35.81 3.67 -3.07	67.05 3.05 -40.68	57.92 2.59 -34.90	74.41 2.54 -51.05	43.17 2.45 -20.58	64.64 2.42 -42.94	35.60 2.66 -11.79	32.64 3.17 -5.29	35.27 3.99 -0.02	35.94 3.98 0.00	35.81 3.98 0.00	36.87 3.90 0.00	34.29 3.70 0.00	35.32 3.46 -2.60	34.87 3.40 -2.71
WEST CANADA___HYD 24049	23.89 0.20 0.00	22.51 0.19 0.00	23.07 0.18 0.00	27.50 0.23 0.00	34.00 0.28 0.00	34.61 0.32 0.00	38.30 0.42 0.00	44.47 0.54 0.00	33.25 0.40 0.00	29.40 0.33 0.00	23.58 0.26 0.00	20.63 0.20 0.00	21.01 0.19 0.00	20.32 0.18 0.00	19.46 0.17 0.00	21.51 0.22 -0.14	25.99 0.29 -1.51	31.66 0.40 0.00	32.34 0.38 0.00	33.25 0.40 -1.01	33.37 0.39 0.00	30.96 0.37 0.00	29.60 0.35 0.00	29.09 0.32 0.00
WESTERN_NY_WIND 24143	22.79 -0.90 0.00	21.48 -0.85 0.00	22.30 -0.59 0.00	26.62 -0.64 0.00	33.00 -0.72 0.00	34.19 -0.10 0.00	37.38 -0.50 0.00	42.73 -1.20 0.00	32.12 -0.74 0.00	28.45 -0.61 0.00	22.75 -0.56 0.00	19.84 -0.58 0.00	20.12 -0.69 0.00	19.46 -0.68 0.00	18.73 -0.56 0.00	20.34 -0.82 0.00	23.41 -1.08 -0.30	30.06 -1.21 0.00	30.99 -0.96 0.00	30.63 -1.20 0.00	31.94 -1.03 0.00	29.44 -1.15 0.00	27.89 -1.36 0.00	27.76 -1.00 0.00
WESTOVER___LESR 323668	23.54 -0.15 0.00	22.23 -0.10 0.00	22.83 -0.07 0.00	27.26 0.00 0.00	33.72 0.00 0.00	34.46 0.18 0.00	38.11 0.24 0.00	44.37 0.44 0.00	33.18 0.32 0.00	29.35 0.28 0.00	23.49 0.17 0.00	20.49 0.07 0.00	20.93 0.11 0.00	20.20 0.07 0.00	19.34 0.06 0.00	21.19 0.03 0.00	24.95 0.08 -0.69	31.44 0.17 0.00	32.24 0.28 0.00	32.12 0.29 0.00	33.28 0.32 0.00	30.81 0.22 0.00	29.49 0.24 0.00	28.98 0.22 0.00
WETHRSFD_WT_PWR 323626	21.66 -2.03 0.00	20.46 -1.87 0.00	21.43 -1.46 0.00	25.67 -1.59 0.00	31.86 -1.86 0.00	32.97 -1.31 0.00	35.92 -1.95 0.00	41.14 -2.79 0.00	31.00 -1.86 0.00	27.56 -1.51 0.00	22.16 -1.16 0.00	19.39 -1.03 0.00	19.67 -1.15 0.00	18.92 -1.22 0.00	18.18 -1.10 0.00	19.71 -1.45 0.00	22.59 -1.93 -0.33	28.82 -2.45 0.00	29.84 -2.12 0.00	29.59 -2.24 0.00	30.93 -2.04 0.00	27.30 -2.02 1.28	26.97 -2.04 0.24	26.95 -1.63 0.19
WHAVSTOR_138KV_BK127 55557	25.30 1.61 0.00	23.76 1.43 0.00	24.31 1.42 0.00	28.98 1.72 0.00	35.86 2.15 0.00	36.67 2.39 0.00	40.74 2.86 0.00	47.43 3.50 0.00	35.50 2.65 0.00	31.46 2.40 0.00	25.29 1.97 0.00	16.36 1.65 5.71	-35.93 1.66 58.41	21.77 1.63 0.00	18.16 1.56 2.68	6.19 1.79 16.76	28.33 2.13 -2.01	33.99 2.73 0.00	34.64 2.68 0.00	34.60 2.77 0.00	35.69 2.72 0.00	33.06 2.46 0.00	31.61 2.36 0.00	30.99 2.23 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.30 1.61 0.00	23.76 1.43 0.00	24.31 1.42 0.00	28.98 1.72 0.00	35.86 2.15 0.00	36.67 2.39 0.00	40.74 2.86 0.00	47.43 3.50 0.00	35.50 2.65 0.00	31.46 2.40 0.00	25.29 1.97 0.00	16.36 1.65 5.71	-35.93 1.66 58.41	21.77 1.63 0.00	18.16 1.56 2.68	6.19 1.79 16.76	28.33 2.13 -2.01	33.99 2.73 0.00	34.64 2.68 0.00	34.60 2.77 0.00	35.69 2.72 0.00	33.06 2.46 0.00	31.61 2.36 0.00	30.99 2.23 0.00

WHITEHAL_115KV_TB1 80871	25.25 1.56 0.00	23.90 1.57 0.00	24.37 1.48 0.00	29.00 1.74 0.00	35.72 2.00 0.00	36.60 2.32 0.00	40.39 2.52 0.00	47.12 3.18 0.00	35.83 2.97 0.00	31.37 2.30 0.00	24.91 1.59 0.00	21.51 1.09 0.00	21.65 0.84 0.00	20.91 0.77 0.00	20.03 0.74 0.00	22.53 1.37 0.00	28.74 1.98 -2.57	33.49 2.23 0.00	34.25 2.29 0.00	34.10 2.27 0.00	35.19 2.23 0.00	32.74 2.15 0.00	31.40 2.15 0.00	30.79 2.03 0.00
WHITEPLN_13_KV_LOAD 356215	25.57 1.88 0.00	24.00 1.67 0.00	24.51 1.61 0.00	29.22 1.95 0.00	36.16 2.44 0.00	37.09 2.80 0.00	41.25 3.38 0.00	48.15 4.22 0.00	36.10 3.24 0.00	32.01 2.94 -0.01	26.21 2.40 -0.50	25.46 2.02 -3.02	49.52 2.04 -26.66	22.57 2.00 -0.44	22.60 1.91 -1.41	30.82 2.17 -7.49	28.87 2.57 -2.11	34.61 3.33 -0.02	35.25 3.29 0.00	35.18 3.35 0.00	36.16 3.19 0.00	33.55 2.96 0.00	32.09 2.84 0.00	31.44 2.67 0.00
WM_FLOYD_69_KV_BK2 356380	31.17 2.59 -4.89	28.78 2.35 -4.10	44.75 2.37 -19.48	44.68 2.86 -14.55	37.29 3.57 0.00	38.05 3.76 0.00	42.23 4.36 0.00	49.19 5.26 0.00	36.95 4.10 0.00	35.95 3.81 -3.07	67.16 3.15 -40.69	58.00 2.67 -34.90	74.50 2.58 -51.09	43.25 2.48 -20.63	64.67 2.45 -42.94	35.64 2.69 -11.79	32.51 3.25 -5.07	35.39 4.11 -0.02	36.08 4.12 0.00	35.93 4.11 0.00	36.97 4.00 0.00	34.36 3.77 0.00	35.38 3.53 -2.60	34.95 3.47 -2.71
WOODARD__115KV_TB2 355635	23.04 -0.65 0.00	21.74 -0.59 0.00	22.32 -0.57 0.00	26.58 -0.68 0.00	32.87 -0.84 0.00	33.61 -0.67 0.00	37.19 -0.68 0.00	43.12 -0.81 0.00	32.23 -0.62 0.00	28.52 -0.55 0.00	22.88 -0.43 0.00	20.04 -0.38 0.00	20.42 -0.40 0.00	19.75 -0.39 0.00	18.90 -0.39 0.00	20.64 -0.52 0.00	23.85 -0.55 -0.22	30.64 -0.63 0.00	31.38 -0.58 0.00	31.21 -0.62 0.00	32.31 -0.66 0.00	29.91 -0.68 0.00	28.54 -0.71 0.00	28.09 -0.68 0.00
YORK__WARBASSE 23770	25.56 1.87 0.00	24.01 1.68 0.00	24.51 1.62 0.00	29.21 1.95 0.00	36.20 2.49 0.00	37.09 2.80 0.00	41.23 3.36 0.00	48.18 4.25 0.00	36.18 3.33 0.00	32.67 2.99 -0.62	51.07 2.42 -25.33	49.78 2.07 -27.29	340.32 2.00 -317.51	107.37 1.86 -85.37	33.35 1.91 -12.15	31.85 2.20 -8.49	31.62 2.55 -4.89	35.37 3.29 -0.81	35.24 3.29 0.00	35.24 3.41 -0.01	96.76 3.37 -60.42	48.24 3.06 -14.58	40.51 2.93 -8.33	31.50 2.74 0.00