

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

01/09/2024

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	35.29	32.71	32.06	31.60	31.44	33.89	42.01	46.14	46.88	46.78	44.51	43.80	42.72	42.44	42.19	43.29	43.43	46.10	44.62	40.75	36.92	35.75	32.84	31.19
24138	1.65	1.56	1.61	1.53	1.47	1.67	2.30	3.18	3.36	3.42	2.80	2.75	2.64	2.59	2.72	2.79	2.69	3.18	2.84	2.63	2.25	2.31	2.12	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	35.36	32.80	32.09	31.63	31.50	33.92	42.05	46.27	46.88	46.35	44.51	43.84	42.72	42.48	42.20	43.41	43.71	46.05	44.66	40.79	36.96	35.69	32.90	31.25
24260	1.72	1.65	1.64	1.56	1.53	1.71	2.34	3.31	3.35	2.99	2.79	2.79	2.64	2.63	2.72	2.92	2.97	3.13	2.88	2.67	2.29	2.24	2.18	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	35.36	32.80	32.09	31.63	31.50	33.92	42.05	46.27	46.88	46.35	44.51	43.84	42.72	42.48	42.20	43.41	43.71	46.05	44.66	40.79	36.96	35.69	32.90	31.25
24261	1.72	1.65	1.64	1.56	1.53	1.71	2.34	3.31	3.35	2.99	2.79	2.79	2.64	2.63	2.72	2.92	2.97	3.13	2.88	2.67	2.29	2.24	2.18	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	34.99	32.37	31.63	31.21	31.08	33.50	41.69	45.37	46.16	45.48	43.84	43.14	42.04	41.80	41.33	42.40	42.90	45.28	43.74	39.95	36.37	35.12	32.25	31.51
24011	1.35	1.21	1.19	1.14	1.11	1.29	1.99	2.41	2.49	2.12	2.13	2.09	1.96	1.95	1.86	1.90	2.16	2.36	1.96	1.83	1.70	1.67	1.54	2.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	35.06	32.43	31.72	31.30	31.14	33.60	41.81	45.50	46.38	45.92	44.05	43.35	42.19	41.92	41.45	42.52	43.02	45.50	43.90	40.10	36.51	35.42	32.35	31.66
23798	1.41	1.28	1.28	1.23	1.17	1.38	2.10	2.53	2.71	2.56	2.33	2.30	2.12	2.07	1.97	2.02	2.28	2.58	2.13	1.98	1.84	1.97	1.63	2.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	34.99	32.37	31.63	31.21	31.08	33.50	41.69	45.37	46.16	45.48	43.84	43.14	42.04	41.80	41.33	42.40	42.90	45.28	43.74	39.95	36.37	35.12	32.25	31.51
24028	1.35	1.21	1.19	1.14	1.11	1.29	1.99	2.41	2.49	2.12	2.13	2.09	1.96	1.95	1.86	1.90	2.16	2.36	1.96	1.83	1.70	1.67	1.54	2.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	35.43	32.80	32.09	31.66	31.56	33.98	42.05	45.80	46.53	46.22	44.05	43.31	42.23	41.96	41.60	42.68	42.98	45.50	44.15	40.37	36.68	35.42	32.59	31.16
23527	1.78	1.65	1.64	1.59	1.59	1.77	2.34	2.83	2.88	2.86	2.33	2.26	2.16	2.11	2.13	2.19	2.24	2.58	2.38	2.25	2.01	1.97	1.87	1.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	34.32	31.87	31.21	30.79	30.66	32.95	40.78	44.34	45.02	44.49	42.51	41.91	40.91	40.69	40.34	41.35	41.64	43.82	42.53	39.00	35.61	34.28	31.61	30.16
24190	0.67	0.72	0.76	0.72	0.69	0.74	1.07	1.37	1.38	1.13	0.79	0.86	0.84	0.84	0.87	0.85	0.90	0.90	0.75	0.88	0.94	0.84	0.89	0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	33.91	31.37	30.63	30.28	30.15	32.34	39.79	42.79	42.83	43.58	41.97	41.25	40.27	40.09	39.59	40.58	40.78	42.79	41.73	38.01	34.60	33.35	30.60	29.22
355683	0.27	0.22	0.18	0.21	0.18	0.13	0.08	-0.17	-0.17	0.22	0.25	0.21	0.20	0.24	0.12	0.08	0.04	-0.13	-0.04	-0.11	-0.07	-0.10	-0.12	-0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	34.95	32.43	31.72	31.30	31.17	33.47	41.41	44.94	45.57	45.31	43.22	42.52	41.51	41.24	40.89	41.95	42.25	44.59	43.32	39.65	36.19	34.95	32.10	30.63
323833	1.31	1.28	1.28	1.23	1.20	1.26	1.71	1.98	1.94	1.95	1.50	1.48	1.44	1.39	1.42	1.46	1.51	1.67	1.55	1.53	1.52	1.51	1.38	1.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	34.95	32.40	31.72	31.30	31.14	33.47	41.41	44.94	45.57	45.31	43.22	42.52	41.51	41.24	40.85	41.91	42.25	44.59	43.28	39.65	36.19	34.92	32.07	30.63
323834	1.31	1.25	1.28	1.23	1.17	1.26	1.71	1.98	1.94	1.95	1.50	1.48	1.44	1.39	1.38	1.42	1.51	1.67	1.50	1.53	1.52	1.47	1.35	1.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	34.32	31.87	31.21	30.79	30.66	32.95	40.78	44.34	45.02	44.49	42.51	41.91	40.91	40.69	40.34	41.35	41.64	43.82	42.53	39.00	35.61	34.28	31.61	30.16
23571	0.67	0.72	0.76	0.72	0.69	0.74	1.07	1.37	1.38	1.13	0.79	0.86	0.84	0.84	0.87	0.85	0.90	0.90	0.75	0.88	0.94	0.84	0.89	0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	34.32 0.67 0.00	31.87 0.72 0.00	31.21 0.76 0.00	30.79 0.72 0.00	30.66 0.69 0.00	32.95 0.74 0.00	40.78 1.07 0.00	44.34 1.37 0.00	45.02 1.38 -0.64	44.49 1.13 0.00	42.51 0.79 0.00	41.91 0.86 0.00	40.91 0.84 0.00	40.69 0.84 0.00	40.34 0.87 0.00	41.35 0.85 0.00	41.64 0.90 0.00	43.82 0.90 0.00	42.53 0.75 0.00	39.00 0.88 0.00	35.61 0.94 0.00	34.28 0.84 0.00	31.61 0.89 0.00	30.16 0.82 0.00
ALBANY___3 23573	34.32 0.67 0.00	31.87 0.72 0.00	31.21 0.76 0.00	30.79 0.72 0.00	30.66 0.69 0.00	32.95 0.74 0.00	40.78 1.07 0.00	44.34 1.37 0.00	45.02 1.38 -0.64	44.49 1.13 0.00	42.51 0.79 0.00	41.91 0.86 0.00	40.91 0.84 0.00	40.69 0.84 0.00	40.34 0.87 0.00	41.35 0.85 0.00	41.64 0.90 0.00	43.82 0.90 0.00	42.53 0.75 0.00	39.00 0.88 0.00	35.61 0.94 0.00	34.28 0.84 0.00	31.61 0.89 0.00	30.16 0.82 0.00
ALBANY___4 23574	34.32 0.67 0.00	31.87 0.72 0.00	31.21 0.76 0.00	30.79 0.72 0.00	30.66 0.69 0.00	32.95 0.74 0.00	40.78 1.07 0.00	44.34 1.37 0.00	45.02 1.38 -0.64	44.49 1.13 0.00	42.51 0.79 0.00	41.91 0.86 0.00	40.91 0.84 0.00	40.69 0.84 0.00	40.34 0.87 0.00	41.35 0.85 0.00	41.64 0.90 0.00	43.82 0.90 0.00	42.53 0.75 0.00	39.00 0.88 0.00	35.61 0.94 0.00	34.28 0.84 0.00	31.61 0.89 0.00	30.16 0.82 0.00
ALBANY___LFGE 323615	34.62 0.98 0.00	32.12 0.97 0.00	31.45 1.00 0.00	31.03 0.96 0.00	30.90 0.93 0.00	33.21 1.00 0.00	41.13 1.43 0.00	44.68 1.72 0.00	45.42 1.76 -0.65	45.14 1.78 0.00	43.01 1.29 0.00	42.32 1.27 0.00	41.32 1.24 0.00	41.09 1.24 0.00	40.74 1.26 0.00	41.71 1.21 0.00	41.96 1.22 0.00	44.29 1.37 0.00	42.94 1.17 0.00	39.38 1.26 0.00	35.92 1.25 0.00	34.69 1.24 0.00	31.86 1.14 0.00	30.39 1.05 0.00
ALCOA_PA_115KV_PL-6C 55860	34.11 0.47 0.00	31.56 0.40 0.00	30.81 0.37 0.00	30.46 0.39 0.00	30.33 0.36 0.00	32.54 0.32 0.00	39.95 0.24 0.00	43.01 0.04 0.00	42.96 -0.04 0.00	43.75 0.39 0.00	42.13 0.42 0.00	41.42 0.37 0.00	40.39 0.32 0.00	40.25 0.40 0.00	39.75 0.28 0.00	40.70 0.20 0.00	40.90 0.16 0.00	42.88 -0.04 0.00	41.86 0.08 0.00	38.08 -0.04 0.00	34.81 0.14 0.00	33.51 0.07 0.00	30.72 0.00 0.00	29.37 0.03 0.00
ALCOA_RYNLDS___DRP 24188	34.11 0.47 0.00	31.56 0.40 0.00	30.81 0.37 0.00	30.46 0.39 0.00	30.33 0.36 0.00	32.54 0.32 0.00	39.95 0.24 0.00	43.01 0.04 0.00	42.96 -0.04 0.00	43.75 0.39 0.00	42.13 0.42 0.00	41.42 0.37 0.00	40.39 0.32 0.00	40.25 0.40 0.00	39.75 0.28 0.00	40.70 0.20 0.00	40.90 0.16 0.00	42.88 -0.04 0.00	41.86 0.08 0.00	38.08 -0.04 0.00	34.81 0.14 0.00	33.51 0.07 0.00	30.72 0.00 0.00	29.37 0.03 0.00
ALCOA___DSASP 323711	34.11 0.47 0.00	31.55 0.40 0.00	30.81 0.37 0.00	30.46 0.39 0.00	30.33 0.36 0.00	32.54 0.32 0.00	39.95 0.24 0.00	43.05 0.09 0.00	42.96 -0.04 0.00	43.32 -0.04 0.00	42.13 0.42 0.00	41.42 0.37 0.00	40.39 0.32 0.00	40.25 0.40 0.00	39.75 0.28 0.00	40.70 0.20 0.00	40.90 0.16 0.00	42.79 -0.13 0.00	41.86 0.08 0.00	38.08 -0.04 0.00	34.81 0.14 0.00	33.51 0.07 0.00	30.72 0.00 0.00	29.37 0.03 0.00
ALLEGHENY___COGEN 23514	33.85 0.20 0.00	31.31 0.16 0.00	30.38 -0.06 0.00	30.01 -0.06 0.00	30.06 0.09 0.00	32.41 0.19 0.00	39.31 -0.40 0.00	42.67 -0.30 0.00	42.49 -0.60 -0.09	42.75 -0.61 0.00	40.59 -1.12 0.00	40.11 -0.94 0.00	39.19 -0.88 0.00	38.97 -0.88 0.00	38.57 -0.91 0.00	39.73 -0.77 0.00	40.17 -0.57 0.00	42.58 -0.34 0.00	41.27 -0.50 0.00	37.59 -0.53 0.00	34.11 -0.56 0.00	32.64 -0.80 0.00	30.07 -0.65 0.00	28.90 -0.44 0.00
ALTAMONT_115KV_TB 2 55880	34.52 0.87 0.00	31.99 0.84 0.00	31.30 0.85 0.00	30.88 0.81 0.00	30.75 0.78 0.00	33.08 0.87 0.00	40.90 1.19 0.00	44.51 1.55 0.00	45.20 1.55 -0.64	44.66 1.30 0.00	42.84 1.13 0.00	42.20 1.15 0.00	41.15 1.08 0.00	40.92 1.08 0.00	40.58 1.11 0.00	41.67 1.17 0.00	41.96 1.22 0.00	44.21 1.29 0.00	42.94 1.17 0.00	39.26 1.14 0.00	35.74 1.07 0.00	34.45 1.00 0.00	31.70 0.98 0.00	30.28 0.94 0.00
ALTONA_WT_PWR 323606	35.33 1.68 0.00	32.68 1.53 0.00	31.88 1.43 0.00	31.48 1.41 0.00	31.38 1.41 0.00	33.24 1.03 0.00	40.94 1.23 0.00	44.34 1.37 0.00	44.04 1.03 0.00	44.40 1.04 0.00	43.14 1.42 0.00	42.32 1.27 0.00	41.15 1.08 0.00	40.96 1.11 0.00	40.38 0.91 0.00	41.14 0.65 0.00	41.31 0.57 0.00	43.14 0.22 0.00	42.03 0.25 0.00	37.93 -0.19 0.00	34.22 -0.45 0.00	32.91 -0.54 0.00	29.98 -0.74 0.00	28.96 -0.38 0.00
AMERICAN_REF_FUEL 24010	30.48 -3.16 0.00	28.38 -2.77 0.00	27.61 -2.83 0.00	27.18 -2.89 0.00	27.27 -2.70 0.00	29.28 -2.93 0.00	34.78 -4.93 0.00	37.25 -5.71 0.00	37.01 -6.06 -0.07	37.29 -6.07 0.00	35.25 -6.47 0.00	35.10 -5.95 0.00	34.34 -5.73 0.00	34.11 -5.74 0.00	33.71 -5.76 0.00	34.87 -5.63 0.00	35.32 -5.42 0.00	37.34 -5.58 0.00	36.13 -5.64 0.00	33.17 -4.96 0.00	30.30 -4.37 0.00	29.10 -4.35 0.00	27.06 -3.66 0.00	26.41 -2.93 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.57 -1.08 0.00	30.12 -1.03 0.00	29.17 -1.28 0.00	28.72 -1.35 0.00	28.62 -1.35 0.00	30.76 -1.45 0.00	36.81 -2.90 0.00	39.31 -3.65 0.00	38.66 -4.43 -0.08	39.28 -4.08 0.00	37.08 -4.63 0.00	36.90 -4.14 0.00	36.06 -4.01 0.00	35.78 -4.07 0.00	35.37 -4.11 0.00	36.45 -4.05 0.00	36.79 -3.95 0.00	39.10 -3.82 0.00	37.80 -3.97 0.00	34.65 -3.47 0.00	31.62 -3.05 0.00	30.40 -3.04 0.00	28.26 -2.46 0.00	27.73 -1.61 0.00
ARTHUR KILL_GT_1 23520	35.33 1.68 0.00	32.71 1.56 0.00	32.03 1.58 0.00	31.54 1.47 0.00	31.41 1.44 0.00	33.79 1.58 0.00	41.89 2.18 0.00	46.01 3.05 0.00	46.71 3.18 -0.52	46.57 3.21 0.00	44.22 2.50 0.00	43.55 2.50 0.00	42.48 2.40 0.00	42.24 2.39 0.00	42.04 2.56 0.00	43.17 2.67 0.00	43.27 2.53 0.00	45.97 3.05 0.00	44.49 2.71 0.00	40.68 2.55 0.00	39.64 2.19 -2.79	45.80 2.34 -10.01	32.91 2.18 -0.01	31.23 1.88 -0.01
ARTHUR_KILL_2 23512	35.23 1.58 0.00	32.65 1.50 0.00	31.94 1.49 0.00	31.46 1.38 0.00	31.32 1.35 0.00	33.70 1.48 0.00	41.77 2.06 0.00	45.89 2.92 0.00	46.58 3.05 -0.52	46.48 3.12 0.00	44.13 2.42 0.00	43.47 2.42 0.00	42.35 2.28 0.00	42.16 2.31 0.00	41.92 2.45 0.00	43.05 2.55 0.00	43.14 2.40 0.00	45.84 2.92 0.00	44.36 2.59 0.00	40.56 2.44 0.00	39.54 2.08 -2.79	45.70 2.24 -10.01	32.82 2.09 -0.01	31.14 1.79 -0.01
ARTHUR_KILL_3 23513	35.02 1.38 0.00	32.46 1.31 0.00	31.82 1.37 0.00	31.36 1.29 0.00	31.23 1.26 0.00	33.63 1.42 0.00	41.65 1.95 0.00	45.72 2.75 0.00	46.46 2.93 -0.52	46.35 2.99 0.00	44.10 2.38 0.00	43.39 2.34 0.00	42.32 2.24 0.00	42.08 2.23 0.00	41.80 2.33 0.00	42.89 2.39 0.00	43.02 2.28 0.00	45.63 2.71 0.00	44.20 2.42 0.00	40.41 2.29 0.00	39.40 1.94 -2.79	45.49 2.04 -10.00	32.62 1.91 0.00	30.98 1.64 0.00

ARTHUR_KILL_COGEN 323718	35.33 1.68 0.00	32.71 1.56 0.00	32.03 1.58 0.00	31.54 1.47 0.00	31.41 1.44 0.00	33.79 1.58 0.00	41.89 2.18 0.00	46.01 3.05 0.00	46.71 3.18 -0.52	46.57 3.21 0.00	44.22 2.50 0.00	43.55 2.50 0.00	42.48 2.40 0.00	42.24 2.39 0.00	42.04 2.56 0.00	43.17 2.67 0.00	43.27 2.53 0.00	45.97 3.05 0.00	44.49 2.71 0.00	40.68 2.55 0.00	39.64 2.19 -2.79	45.80 2.34 -10.01	32.91 2.18 -0.01	31.23 1.88 -0.01
ASHOKAN____ 23654	35.33 1.68 0.00	32.65 1.50 0.00	32.00 1.55 0.00	31.54 1.47 0.00	31.41 1.44 0.00	33.82 1.61 0.00	41.93 2.22 0.00	45.50 2.53 0.00	44.92 1.33 -0.58	45.79 2.43 0.00	43.55 1.83 0.00	42.73 1.68 0.00	41.63 1.56 0.00	41.36 1.51 0.00	41.01 1.54 0.00	42.28 1.78 0.00	42.70 1.96 0.00	45.15 2.23 0.00	44.07 2.30 0.00	40.03 1.91 0.00	36.37 1.70 0.00	35.15 1.70 0.00	32.19 1.47 0.00	30.69 1.35 0.00
ASTORIA_EAST_ENERGY_CC1 323581	35.43 1.78 0.00	32.80 1.65 0.00	32.09 1.64 0.00	31.60 1.53 0.00	31.53 1.56 0.00	33.86 1.64 0.00	41.85 2.14 0.00	45.80 2.83 0.00	46.53 3.01 -0.51	46.43 3.08 0.01	44.13 2.42 0.01	43.46 2.42 0.01	42.35 2.28 0.01	42.15 2.31 0.01	41.87 2.41 0.01	43.00 2.51 0.01	43.14 2.40 0.00	45.80 2.88 0.00	44.36 2.59 0.00	40.71 2.59 0.00	36.78 2.12 0.00	35.82 2.38 0.00	32.84 2.12 -0.01	31.34 2.00 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	35.43 1.78 0.00	32.80 1.65 0.00	32.09 1.64 0.00	31.60 1.53 0.00	31.53 1.56 0.00	33.86 1.64 0.00	41.85 2.14 0.00	45.80 2.83 0.00	46.53 3.01 -0.51	46.43 3.08 0.01	44.13 2.42 0.01	43.46 2.42 0.01	42.35 2.28 0.01	42.15 2.31 0.01	41.87 2.41 0.01	43.00 2.51 0.01	43.14 2.40 0.00	45.80 2.88 0.00	44.36 2.59 0.00	40.71 2.59 0.00	36.78 2.12 0.00	35.82 2.38 0.00	32.84 2.12 -0.01	31.34 2.00 -0.01
ASTORIA_GT2_1 24094	35.43 1.78 0.00	32.86 1.71 0.00	32.12 1.67 0.00	31.60 1.53 0.00	31.65 1.68 0.00	33.89 1.68 0.00	41.85 2.14 0.00	46.06 3.09 0.00	46.54 3.01 -0.52	46.00 2.64 0.00	44.14 2.42 0.00	43.51 2.46 0.00	42.40 2.32 0.00	42.16 2.31 0.00	41.92 2.45 0.00	43.13 2.63 0.00	43.39 2.65 0.00	45.75 2.83 0.00	44.36 2.59 0.00	40.56 2.44 0.00	36.78 2.11 0.00	35.72 2.27 0.00	32.85 2.12 -0.01	31.34 2.00 -0.01
ASTORIA_GT2_2 24095	35.43 1.78 0.00	32.86 1.71 0.00	32.12 1.67 0.00	31.60 1.53 0.00	31.65 1.68 0.00	33.89 1.68 0.00	41.85 2.14 0.00	46.06 3.09 0.00	46.54 3.01 -0.52	46.00 2.64 0.00	44.14 2.42 0.00	43.51 2.46 0.00	42.40 2.32 0.00	42.16 2.31 0.00	41.92 2.45 0.00	43.13 2.63 0.00	43.39 2.65 0.00	45.75 2.83 0.00	44.36 2.59 0.00	40.56 2.44 0.00	36.78 2.11 0.00	35.72 2.27 0.00	32.85 2.12 -0.01	31.34 2.00 -0.01
ASTORIA_GT2_3 24096	35.43 1.78 0.00	32.86 1.71 0.00	32.12 1.67 0.00	31.60 1.53 0.00	31.65 1.68 0.00	33.89 1.68 0.00	41.85 2.14 0.00	46.06 3.09 0.00	46.54 3.01 -0.52	46.00 2.64 0.00	44.14 2.42 0.00	43.51 2.46 0.00	42.40 2.32 0.00	42.16 2.31 0.00	41.92 2.45 0.00	43.13 2.63 0.00	43.39 2.65 0.00	45.75 2.83 0.00	44.36 2.59 0.00	40.56 2.44 0.00	36.78 2.11 0.00	35.72 2.27 0.00	32.85 2.12 -0.01	31.34 2.00 -0.01
ASTORIA_GT2_4 24097	35.43 1.78 0.00	32.86 1.71 0.00	32.12 1.67 0.00	31.60 1.53 0.00	31.65 1.68 0.00	33.89 1.68 0.00	41.85 2.14 0.00	46.06 3.09 0.00	46.54 3.01 -0.52	46.00 2.64 0.00	44.14 2.42 0.00	43.51 2.46 0.00	42.40 2.32 0.00	42.16 2.31 0.00	41.92 2.45 0.00	43.13 2.63 0.00	43.39 2.65 0.00	45.75 2.83 0.00	44.36 2.59 0.00	40.56 2.44 0.00	36.78 2.11 0.00	35.72 2.27 0.00	32.85 2.12 -0.01	31.34 2.00 -0.01
ASTORIA_GT3_1 24098	35.43 1.78 0.00	32.86 1.71 0.00	32.12 1.67 0.00	31.60 1.53 0.00	31.65 1.68 0.00	33.89 1.68 0.00	41.85 2.14 0.00	46.06 3.09 0.00	46.54 3.01 -0.52	46.00 2.64 0.00	44.14 2.42 0.00	43.51 2.46 0.00	42.40 2.32 0.00	42.16 2.31 0.00	41.92 2.45 0.00	43.13 2.63 0.00	43.39 2.65 0.00	45.75 2.83 0.00	44.36 2.59 0.00	40.56 2.44 0.00	36.78 2.11 0.00	35.72 2.27 0.00	32.85 2.12 -0.01	31.34 2.00 -0.01
ASTORIA_GT3_2 24099	35.43 1.78 0.00	32.86 1.71 0.00	32.12 1.67 0.00	31.60 1.53 0.00	31.65 1.68 0.00	33.89 1.68 0.00	41.85 2.14 0.00	46.06 3.09 0.00	46.54 3.01 -0.52	46.00 2.64 0.00	44.14 2.42 0.00	43.51 2.46 0.00	42.40 2.32 0.00	42.16 2.31 0.00	41.92 2.45 0.00	43.13 2.63 0.00	43.39 2.65 0.00	45.75 2.83 0.00	44.36 2.59 0.00	40.56 2.44 0.00	36.78 2.11 0.00	35.72 2.27 0.00	32.85 2.12 -0.01	31.34 2.00 -0.01
ASTORIA_GT3_3 24100	35.43 1.78 0.00	32.86 1.71 0.00	32.12 1.67 0.00	31.60 1.53 0.00	31.65 1.68 0.00	33.89 1.68 0.00	41.85 2.14 0.00	46.06 3.09 0.00	46.54 3.01 -0.52	46.00 2.64 0.00	44.14 2.42 0.00	43.51 2.46 0.00	42.40 2.32 0.00	42.16 2.31 0.00	41.92 2.45 0.00	43.13 2.63 0.00	43.39 2.65 0.00	45.75 2.83 0.00	44.36 2.59 0.00	40.56 2.44 0.00	36.78 2.11 0.00	35.72 2.27 0.00	32.85 2.12 -0.01	31.34 2.00 -0.01
ASTORIA_GT3_4 24101	35.43 1.78 0.00	32.86 1.71 0.00	32.12 1.67 0.00	31.60 1.53 0.00	31.65 1.68 0.00	33.89 1.68 0.00	41.85 2.14 0.00	46.06 3.09 0.00	46.54 3.01 -0.52	46.00 2.64 0.00	44.14 2.42 0.00	43.51 2.46 0.00	42.40 2.32 0.00	42.16 2.31 0.00	41.92 2.45 0.00	43.13 2.63 0.00	43.39 2.65 0.00	45.75 2.83 0.00	44.36 2.59 0.00	40.56 2.44 0.00	36.78 2.11 0.00	35.72 2.27 0.00	32.85 2.12 -0.01	31.34 2.00 -0.01
ASTORIA_GT4_1 24102	35.43 1.78 0.00	32.86 1.71 0.00	32.12 1.67 0.00	31.60 1.53 0.00	31.65 1.68 0.00	33.89 1.68 0.00	41.85 2.14 0.00	46.06 3.09 0.00	46.54 3.01 -0.52	46.00 2.64 0.00	44.14 2.42 0.00	43.51 2.46 0.00	42.40 2.32 0.00	42.16 2.31 0.00	41.92 2.45 0.00	43.13 2.63 0.00	43.39 2.65 0.00	45.75 2.83 0.00	44.36 2.59 0.00	40.56 2.44 0.00	36.78 2.11 0.00	35.72 2.27 0.00	32.85 2.12 -0.01	31.34 2.00 -0.01
ASTORIA_GT4_2 24103	35.43 1.78 0.00	32.86 1.71 0.00	32.12 1.67 0.00	31.60 1.53 0.00	31.65 1.68 0.00	33.89 1.68 0.00	41.85 2.14 0.00	46.06 3.09 0.00	46.54 3.01 -0.52	46.00 2.64 0.00	44.14 2.42 0.00	43.51 2.46 0.00	42.40 2.32 0.00	42.16 2.31 0.00	41.92 2.45 0.00	43.13 2.63 0.00	43.39 2.65 0.00	45.75 2.83 0.00	44.36 2.59 0.00	40.56 2.44 0.00	36.78 2.11 0.00	35.72 2.27 0.00	32.85 2.12 -0.01	31.34 2.00 -0.01
ASTORIA_GT4_3 24104	35.43 1.78 0.00	32.86 1.71 0.00	32.12 1.67 0.00	31.60 1.53 0.00	31.65 1.68 0.00	33.89 1.68 0.00	41.85 2.14 0.00	46.06 3.09 0.00	46.54 3.01 -0.52	46.00 2.64 0.00	44.14 2.42 0.00	43.51 2.46 0.00	42.40 2.32 0.00	42.16 2.31 0.00	41.92 2.45 0.00	43.13 2.63 0.00	43.39 2.65 0.00	45.75 2.83 0.00	44.36 2.59 0.00	40.56 2.44 0.00	36.78 2.11 0.00	35.72 2.27 0.00	32.85 2.12 -0.01	31.34 2.00 -0.01

ASTORIA_GT4_4 24105	35.43 1.78 0.00	32.86 1.71 0.00	32.12 1.67 0.00	31.60 1.53 0.00	31.65 1.68 0.00	33.89 1.68 0.00	41.85 2.14 0.00	46.06 3.09 0.00	46.54 3.01 -0.52	46.00 2.64 0.00	44.14 2.42 0.00	43.51 2.46 0.00	42.40 2.32 0.00	42.16 2.31 0.00	41.92 2.45 0.00	43.13 2.63 0.00	43.39 2.65 0.00	45.75 2.83 0.00	44.36 2.59 0.00	40.56 2.44 0.00	36.78 2.11 0.00	35.72 2.27 0.00	32.85 2.12 -0.01	31.34 2.00 -0.01
ASTORIA_GT_1 23523	35.49 1.85 0.00	32.86 1.71 0.00	32.15 1.70 0.00	31.63 1.56 0.00	31.59 1.62 0.00	33.92 1.71 0.00	41.93 2.22 0.00	45.93 2.96 0.00	46.62 3.10 -0.51	46.51 3.16 0.01	44.25 2.55 0.01	43.55 2.50 0.01	42.47 2.40 0.01	42.23 2.39 0.01	41.99 2.53 0.01	43.08 2.59 0.01	43.27 2.53 0.00	45.92 3.00 0.00	44.45 2.68 0.00	40.79 2.67 0.00	36.86 2.19 0.00	35.92 2.48 0.00	32.91 2.18 -0.01	31.40 2.05 -0.01
ASTORIA_GT_10 24110	35.33 1.68 0.00	32.77 1.62 0.00	32.06 1.61 0.00	31.57 1.50 0.00	31.50 1.53 0.00	33.86 1.64 0.00	41.89 2.18 0.00	46.10 3.14 0.00	46.71 3.18 -0.52	46.13 2.77 0.00	44.30 2.59 0.00	43.64 2.59 0.00	42.52 2.44 0.00	42.32 2.47 0.00	42.04 2.57 0.00	43.25 2.75 0.00	43.51 2.77 0.00	45.88 2.96 0.00	44.45 2.67 0.00	40.64 2.52 0.00	36.82 2.15 0.00	35.65 2.21 0.00	32.91 2.18 -0.01	31.28 1.94 -0.01
ASTORIA_GT_11 24225	35.33 1.68 0.00	32.77 1.62 0.00	32.06 1.61 0.00	31.57 1.50 0.00	31.50 1.53 0.00	33.86 1.64 0.00	41.89 2.18 0.00	46.10 3.14 0.00	46.71 3.18 -0.52	46.13 2.77 0.00	44.30 2.59 0.00	43.64 2.59 0.00	42.52 2.44 0.00	42.32 2.47 0.00	42.04 2.57 0.00	43.25 2.75 0.00	43.51 2.77 0.00	45.88 2.96 0.00	44.45 2.67 0.00	40.64 2.52 0.00	36.82 2.15 0.00	35.65 2.21 0.00	32.91 2.18 -0.01	31.28 1.94 -0.01
ASTORIA_GT_12 24226	35.33 1.68 0.00	32.77 1.62 0.00	32.06 1.61 0.00	31.57 1.50 0.00	31.50 1.53 0.00	33.86 1.64 0.00	41.89 2.18 0.00	46.10 3.14 0.00	46.71 3.18 -0.52	46.13 2.77 0.00	44.30 2.59 0.00	43.64 2.59 0.00	42.52 2.44 0.00	42.32 2.47 0.00	42.04 2.57 0.00	43.25 2.75 0.00	43.51 2.77 0.00	45.88 2.96 0.00	44.45 2.67 0.00	40.64 2.52 0.00	36.82 2.15 0.00	35.65 2.21 0.00	32.91 2.18 -0.01	31.28 1.94 -0.01
ASTORIA_GT_13 24227	35.33 1.68 0.00	32.77 1.62 0.00	32.06 1.61 0.00	31.57 1.50 0.00	31.50 1.53 0.00	33.86 1.64 0.00	41.89 2.18 0.00	46.10 3.14 0.00	46.71 3.18 -0.52	46.13 2.77 0.00	44.30 2.59 0.00	43.64 2.59 0.00	42.52 2.44 0.00	42.32 2.47 0.00	42.04 2.57 0.00	43.25 2.75 0.00	43.51 2.77 0.00	45.88 2.96 0.00	44.45 2.67 0.00	40.64 2.52 0.00	36.82 2.15 0.00	35.65 2.21 0.00	32.91 2.18 -0.01	31.28 1.94 -0.01
ASTORIA_GT_5 24106	35.49 1.85 0.00	32.89 1.74 0.00	32.15 1.70 0.00	31.63 1.56 0.00	31.68 1.71 0.00	33.92 1.71 0.00	41.93 2.22 0.00	46.14 3.18 0.00	46.62 3.10 -0.52	46.09 2.73 0.00	44.22 2.50 0.00	43.59 2.55 0.00	42.48 2.40 0.00	42.24 2.39 0.00	42.00 2.53 0.00	43.21 2.71 0.00	43.47 2.73 0.00	45.84 2.92 0.00	44.45 2.67 0.00	40.64 2.52 0.00	36.85 2.18 0.00	35.79 2.34 0.00	32.91 2.18 -0.01	31.40 2.05 -0.01
ASTORIA_GT_7 24107	35.49 1.85 0.00	32.89 1.74 0.00	32.15 1.70 0.00	31.63 1.56 0.00	31.68 1.71 0.00	33.92 1.71 0.00	41.93 2.22 0.00	46.14 3.18 0.00	46.62 3.10 -0.52	46.09 2.73 0.00	44.22 2.50 0.00	43.59 2.55 0.00	42.48 2.40 0.00	42.24 2.39 0.00	42.00 2.53 0.00	43.21 2.71 0.00	43.47 2.73 0.00	45.84 2.92 0.00	44.45 2.67 0.00	40.64 2.52 0.00	36.85 2.18 0.00	35.79 2.34 0.00	32.91 2.18 -0.01	31.40 2.05 -0.01
ASTORIA_GT_8 24108	35.49 1.85 0.00	32.89 1.74 0.00	32.15 1.70 0.00	31.63 1.56 0.00	31.68 1.71 0.00	33.92 1.71 0.00	41.93 2.22 0.00	46.14 3.18 0.00	46.62 3.10 -0.52	46.09 2.73 0.00	44.22 2.50 0.00	43.59 2.55 0.00	42.48 2.40 0.00	42.24 2.39 0.00	42.00 2.53 0.00	43.21 2.71 0.00	43.47 2.73 0.00	45.84 2.92 0.00	44.45 2.67 0.00	40.64 2.52 0.00	36.85 2.18 0.00	35.79 2.34 0.00	32.91 2.18 -0.01	31.40 2.05 -0.01
ASTORIA___2 24149	35.43 1.78 0.00	32.80 1.65 0.00	32.12 1.67 0.00	31.60 1.53 0.00	31.53 1.56 0.00	33.89 1.67 0.00	41.85 2.14 0.00	45.84 2.88 0.00	46.53 3.01 -0.51	46.43 3.08 0.01	44.17 2.46 0.01	43.46 2.42 0.01	42.39 2.32 0.01	42.15 2.31 0.01	41.91 2.45 0.01	43.00 2.51 0.01	43.18 2.44 0.00	45.84 2.92 0.00	44.36 2.59 0.00	40.71 2.59 0.00	36.78 2.12 0.00	35.86 2.41 0.00	32.84 2.12 -0.01	31.34 2.00 -0.01
ASTORIA___3 23516	35.33 1.68 0.00	32.74 1.59 0.00	32.06 1.61 0.00	31.57 1.50 0.00	31.47 1.50 0.00	33.86 1.64 0.00	41.93 2.22 0.00	45.97 3.01 0.00	46.71 3.18 -0.52	46.61 3.25 0.00	44.30 2.59 0.00	43.64 2.59 0.00	42.52 2.44 0.00	42.32 2.47 0.00	42.04 2.56 0.00	43.17 2.67 0.00	43.31 2.57 0.00	45.97 3.05 0.00	44.49 2.71 0.00	40.71 2.59 0.00	36.82 2.15 0.00	35.79 2.34 0.00	32.91 2.18 -0.01	31.28 1.94 -0.01
ASTORIA___4 23517	35.33 1.68 0.00	32.77 1.62 0.00	32.06 1.61 0.00	31.57 1.50 0.00	31.50 1.53 0.00	33.86 1.64 0.00	41.89 2.18 0.00	46.10 3.14 0.00	46.71 3.18 -0.52	46.13 2.77 0.00	44.30 2.59 0.00	43.64 2.59 0.00	42.52 2.44 0.00	42.32 2.47 0.00	42.04 2.57 0.00	43.25 2.75 0.00	43.51 2.77 0.00	45.88 2.96 0.00	44.45 2.67 0.00	40.64 2.52 0.00	36.82 2.15 0.00	35.65 2.21 0.00	32.91 2.18 -0.01	31.28 1.94 -0.01
ASTORIA___5 23518	35.33 1.68 0.00	32.74 1.59 0.00	32.06 1.61 0.00	31.57 1.50 0.00	31.47 1.50 0.00	33.86 1.64 0.00	41.93 2.22 0.00	45.97 3.01 0.00	46.71 3.18 -0.52	46.61 3.25 0.00	44.30 2.59 0.00	43.64 2.59 0.00	42.52 2.44 0.00	42.32 2.47 0.00	42.04 2.56 0.00	43.17 2.67 0.00	43.31 2.57 0.00	45.97 3.05 0.00	44.49 2.71 0.00	40.71 2.59 0.00	36.82 2.15 0.00	35.79 2.34 0.00	32.91 2.18 -0.01	31.28 1.94 -0.01
AST_ENERGY_2_CC3 323677	35.16 1.52 0.00	32.58 1.43 0.00	31.97 1.52 0.00	31.51 1.44 0.00	31.35 1.38 0.00	33.76 1.55 0.00	41.77 2.06 0.00	45.84 2.88 0.00	46.54 3.01 -0.52	46.44 3.08 0.00	44.18 2.46 0.00	43.47 2.42 0.00	42.40 2.32 0.00	42.16 2.31 0.00	41.88 2.41 0.00	42.97 2.47 0.00	43.10 2.36 0.00	45.75 2.83 0.00	44.28 2.51 0.00	40.49 2.36 0.00	36.68 2.01 0.00	35.56 2.11 0.00	32.69 1.97 0.00	31.07 1.73 0.00
AST_ENERGY_2_CC4 323678	35.16 1.52 0.00	32.58 1.43 0.00	31.97 1.52 0.00	31.51 1.44 0.00	31.35 1.38 0.00	33.76 1.55 0.00	41.77 2.06 0.00	45.84 2.88 0.00	46.54 3.01 -0.52	46.44 3.08 0.00	44.18 2.46 0.00	43.47 2.42 0.00	42.40 2.32 0.00	42.16 2.31 0.00	41.88 2.41 0.00	42.97 2.47 0.00	43.10 2.36 0.00	45.75 2.83 0.00	44.28 2.51 0.00	40.49 2.36 0.00	36.68 2.01 0.00	35.56 2.11 0.00	32.69 1.97 0.00	31.07 1.73 0.00

ATHENS_STG_1 23668	34.65	32.08	31.42	31.00	30.87	33.24	41.10	44.77	45.47	45.26	43.18	42.45	41.44	41.20	40.85	41.95	42.16	44.59	43.28	39.53	35.92	34.72	31.92	30.43
	1.01	0.93	0.97	0.93	0.90	1.03	1.39	1.80	1.89	1.91	1.46	1.40	1.36	1.36	1.38	1.46	1.43	1.67	1.50	1.41	1.25	1.27	1.20	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_2 23670	34.65	32.08	31.42	31.00	30.87	33.24	41.10	44.77	45.47	45.26	43.18	42.45	41.44	41.20	40.85	41.95	42.16	44.59	43.28	39.53	35.92	34.72	31.92	30.43
	1.01	0.93	0.97	0.93	0.90	1.03	1.39	1.80	1.89	1.91	1.46	1.40	1.36	1.36	1.38	1.46	1.43	1.67	1.50	1.41	1.25	1.27	1.20	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_3 23677	34.65	32.08	31.42	31.00	30.87	33.24	41.10	44.77	45.47	45.26	43.18	42.45	41.44	41.20	40.85	41.95	42.16	44.59	43.28	39.53	35.92	34.72	31.92	30.43
	1.01	0.93	0.97	0.93	0.90	1.03	1.39	1.80	1.89	1.91	1.46	1.40	1.36	1.36	1.38	1.46	1.43	1.67	1.50	1.41	1.25	1.27	1.20	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AUBURN___LFGE 323710	33.34	30.84	30.11	29.71	29.70	32.02	39.39	42.79	42.86	42.97	41.38	40.76	39.83	39.61	39.20	40.13	40.33	42.71	41.44	37.82	34.36	33.15	30.29	28.96
	-0.30	-0.31	-0.33	-0.36	-0.27	-0.19	-0.32	-0.17	-0.22	-0.39	-0.33	-0.29	-0.24	-0.24	-0.28	-0.36	-0.41	-0.21	-0.33	-0.30	-0.31	-0.30	-0.43	-0.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BABYLON_RES_REC 323704	46.64	41.04	36.76	38.86	40.48	44.13	55.07	58.08	57.14	54.38	45.35	45.65	44.36	44.13	44.87	44.87	47.47	56.76	52.55	47.22	43.71	41.52	40.10	33.54
	2.39	2.21	2.25	2.17	2.13	2.38	3.18	4.04	4.09	4.12	3.50	3.41	3.37	3.35	3.47	3.60	3.59	4.08	3.80	3.50	2.98	2.94	2.70	2.43
	-10.61	-7.68	-4.06	-6.62	-8.38	-9.54	-12.19	-11.08	-10.05	-6.90	-0.13	-1.20	-0.93	-0.93	-1.92	-0.77	-3.15	-9.76	-6.98	-5.59	-6.06	-5.13	-6.68	-1.76
BABYLON__69_KV_BK2 356345	47.07	41.44	37.11	39.21	40.83	44.51	55.62	58.76	57.73	54.46	45.92	46.27	44.96	44.72	45.45	45.55	48.28	57.39	53.21	47.82	44.22	41.88	40.49	33.88
	2.83	2.62	2.62	2.53	2.49	2.77	3.73	4.73	4.69	4.21	4.09	4.02	3.97	3.94	4.07	4.29	4.40	4.72	4.47	4.12	3.50	3.31	3.10	2.79
	-10.60	-7.67	-4.05	-6.61	-8.37	-9.53	-12.18	-11.07	-10.04	-6.89	-0.12	-1.20	-0.92	-0.93	-1.91	-0.76	-3.14	-9.75	-6.97	-5.59	-6.05	-5.12	-6.67	-1.75
BALL_HILL_WT_PWR 323825	32.00	29.69	28.86	28.42	28.44	30.57	36.53	39.14	38.52	39.15	37.04	36.86	36.06	35.83	35.41	36.53	36.91	39.19	37.89	34.73	31.69	30.47	28.23	27.49
	-1.65	-1.46	-1.58	-1.65	-1.53	-1.64	-3.18	-3.82	-4.56	-4.21	-4.67	-4.19	-4.01	-4.02	-4.06	-3.97	-3.83	-3.73	-3.88	-3.39	-2.98	-2.98	-2.49	-1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARON_WINDS___WT_PWR 323822	33.00	30.56	29.77	29.32	29.34	31.57	38.20	41.24	40.84	41.37	39.38	38.96	38.07	37.82	37.46	38.51	38.87	41.25	39.81	36.44	33.15	31.84	29.34	28.34
	-0.64	-0.59	-0.67	-0.75	-0.63	-0.64	-1.51	-1.72	-2.28	-1.99	-2.34	-2.09	-2.00	-2.03	-2.01	-1.98	-1.87	-1.67	-1.96	-1.68	-1.52	-1.60	-1.38	-1.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_1 23704	46.27	40.73	36.42	38.56	40.18	43.78	54.59	57.57	56.67	53.94	44.89	45.25	43.72	43.45	44.16	44.14	46.70	55.98	51.80	46.49	43.16	41.09	39.70	33.24
	2.02	1.90	1.92	1.87	1.83	2.03	2.70	3.52	3.61	3.68	3.04	3.00	2.73	2.67	2.76	2.88	2.81	3.31	3.05	2.78	2.43	2.51	2.31	2.14
	-10.61	-7.68	-4.06	-6.62	-8.38	-9.54	-12.19	-11.08	-10.05	-6.90	-0.13	-1.21	-0.93	-0.93	-1.92	-0.77	-3.15	-9.76	-6.98	-5.59	-6.06	-5.13	-6.68	-1.76
BARRETT_IC_10 23701	46.27	40.73	36.42	38.56	40.18	43.78	54.59	57.57	56.67	53.94	44.89	45.25	43.72	43.45	44.16	44.14	46.70	55.98	51.80	46.49	43.16	41.09	39.70	33.24
	2.02	1.90	1.92	1.87	1.83	2.03	2.70	3.52	3.61	3.68	3.04	3.00	2.73	2.67	2.76	2.88	2.81	3.31	3.05	2.78	2.43	2.51	2.31	2.14
	-10.61	-7.68	-4.06	-6.62	-8.38	-9.54	-12.19	-11.08	-10.05	-6.90	-0.13	-1.21	-0.93	-0.93	-1.92	-0.77	-3.15	-9.76	-6.98	-5.59	-6.06	-5.13	-6.68	-1.76
BARRETT_IC_11 23702	46.27	40.73	36.42	38.56	40.18	43.78	54.59	57.57	56.67	53.94	44.89	45.25	43.72	43.45	44.16	44.14	46.70	55.98	51.80	46.49	43.16	41.09	39.70	33.24
	2.02	1.90	1.92	1.87	1.83	2.03	2.70	3.52	3.61	3.68	3.04	3.00	2.73	2.67	2.76	2.88	2.81	3.31	3.05	2.78	2.43	2.51	2.31	2.14
	-10.61	-7.68	-4.06	-6.62	-8.38	-9.54	-12.19	-11.08	-10.05	-6.90	-0.13	-1.21	-0.93	-0.93	-1.92	-0.77	-3.15	-9.76	-6.98	-5.59	-6.06	-5.13	-6.68	-1.76
BARRETT_IC_12 23703	46.27	40.73	36.42	38.56	40.18	43.78	54.59	57.57	56.67	53.94	44.89	45.25	43.72	43.45	44.16	44.14	46.70	55.98	51.80	46.49	43.16	41.09	39.70	33.24
	2.02	1.90	1.92	1.87	1.83	2.03	2.70	3.52	3.61	3.68	3.04	3.00	2.73	2.67	2.76	2.88	2.81	3.31	3.05	2.78	2.43	2.51	2.31	2.14
	-10.61	-7.68	-4.06	-6.62	-8.38	-9.54	-12.19	-11.08	-10.05	-6.90	-0.13	-1.21	-0.93	-0.93	-1.92	-0.77	-3.15	-9.76	-6.98	-5.59	-6.06	-5.13	-6.68	-1.76
BARRETT_IC_2 23705	46.27	40.73	36.42	38.56	40.18	43.78	54.59	57.57	56.67	53.94	44.89	45.25	43.72	43.45	44.16	44.14	46.70	55.98	51.80	46.49	43.16	41.09	39.70	33.24
	2.02	1.90	1.92	1.87	1.83	2.03	2.70	3.52	3.61	3.68	3.04	3.00	2.73	2.67	2.76	2.88	2.81	3.31	3.05	2.78	2.43	2.51	2.31	2.14
	-10.61	-7.68	-4.06	-6.62	-8.38	-9.54	-12.19	-11.08	-10.05	-6.90	-0.13	-1.21	-0.93	-0.93	-1.92	-0.77	-3.15	-9.76	-6.98	-5.59	-6.06	-5.13	-6.68	-1.76
BARRETT_IC_3 23706	46.27	40.73	36.42	38.56	40.18	43.78	54.59	57.57	56.67	53.94	44.89	45.25	43.72	43.45	44.16	44.14	46.70	55.98	51.80	46.49	43.16	41.09	39.70	33.24
	2.02	1.90	1.92	1.87	1.83	2.03	2.70	3.52	3.61	3.68	3.04	3.00	2.73	2.67	2.76	2.88	2.81	3.31	3.05	2.78	2.43	2.51	2.31	2.14
	-10.61	-7.68	-4.06	-6.62	-8.38	-9.54	-12.19	-11.08	-10.05	-6.90	-0.13	-1.21	-0.93	-0.93	-1.92	-0.77	-3.15	-9.76	-6.98	-5.59	-6.06	-5.13	-6.68	-1.76
BARRETT_IC_4 23707	46.27	40.73	36.42	38.56	40.18	43.78	54.59	57.57	56.67	53.94	44.89	45.25	43.72	43.45	44.16	44.14	46.70	55.98	51.80	46.49	43.16	41.09	39.70	33.24
	2.02	1.90	1.92	1.87	1.83	2.03	2.70	3.52	3.61	3.68	3.04	3.00	2.73	2.67	2.76	2.88	2.81	3.31	3.05	2.78	2.43	2.51	2.31	2.14
	-10.61	-7.68	-4.06	-6.62	-8.38	-9.54	-12.19	-11.08	-10.05	-6.90	-0.13	-1.21	-0.93	-0.93	-1.92	-0.77	-3.15	-9.76	-6.98	-5.59	-6.06	-5.13	-6.68	-1.76

BARRETT_IC_5 23708	46.27 2.02 -10.61	40.73 1.90 -7.68	36.42 1.92 -4.06	38.56 1.87 -6.62	40.18 1.83 -8.38	43.78 2.03 -9.54	54.59 2.70 -12.19	57.57 3.52 -11.08	56.67 3.61 -10.05	53.94 3.68 -6.90	44.89 3.04 -0.13	45.25 3.00 -1.21	43.72 2.73 -0.93	43.45 2.67 -0.93	44.16 2.76 -1.92	44.14 2.88 -0.77	46.70 2.81 -3.15	55.98 3.31 -9.76	51.80 3.05 -6.98	46.49 2.78 -5.59	43.16 2.43 -6.06	41.09 2.51 -5.13	39.70 2.31 -6.68	33.24 2.14 -1.76
BARRETT_IC_6 23709	46.27 2.02 -10.61	40.73 1.90 -7.68	36.42 1.92 -4.06	38.56 1.87 -6.62	40.18 1.83 -8.38	43.78 2.03 -9.54	54.59 2.70 -12.19	57.57 3.52 -11.08	56.67 3.61 -10.05	53.94 3.68 -6.90	44.89 3.04 -0.13	45.25 3.00 -1.21	43.72 2.73 -0.93	43.45 2.67 -0.93	44.16 2.76 -1.92	44.14 2.88 -0.77	46.70 2.81 -3.15	55.98 3.31 -9.76	51.80 3.05 -6.98	46.49 2.78 -5.59	43.16 2.43 -6.06	41.09 2.51 -5.13	39.70 2.31 -6.68	33.24 2.14 -1.76
BARRETT_IC_7 23710	46.27 2.02 -10.60	40.75 1.93 -7.67	36.41 1.92 -4.05	38.55 1.86 -6.61	40.17 1.83 -8.37	43.77 2.03 -9.53	54.58 2.70 -12.18	57.60 3.57 -11.07	56.66 3.61 -10.04	53.50 3.25 -6.89	44.88 3.05 -0.12	45.29 3.04 -1.20	43.71 2.72 -0.92	43.48 2.71 -0.93	44.19 2.80 -1.91	44.26 3.00 -0.76	46.89 3.01 -3.14	55.89 3.22 -9.75	51.79 3.05 -6.97	46.49 2.78 -5.58	43.18 2.46 -6.05	40.95 2.37 -5.12	39.69 2.30 -6.67	33.24 2.14 -1.75
BARRETT_IC_8 23711	46.27 2.02 -10.61	40.73 1.90 -7.68	36.42 1.92 -4.06	38.56 1.87 -6.62	40.18 1.83 -8.38	43.78 2.03 -9.54	54.59 2.70 -12.19	57.57 3.52 -11.08	56.67 3.61 -10.05	53.94 3.68 -6.90	44.89 3.04 -0.13	45.25 3.00 -1.21	43.72 2.73 -0.93	43.45 2.67 -0.93	44.16 2.76 -1.92	44.14 2.88 -0.77	46.70 2.81 -3.15	55.98 3.31 -9.76	51.80 3.05 -6.98	46.49 2.78 -5.59	43.16 2.43 -6.06	41.09 2.51 -5.13	39.70 2.31 -6.68	33.24 2.14 -1.76
BARRETT_IC_9 23700	46.27 2.02 -10.61	40.73 1.90 -7.68	36.42 1.92 -4.06	38.56 1.87 -6.62	40.18 1.83 -8.38	43.78 2.03 -9.54	54.59 2.70 -12.19	57.57 3.52 -11.08	56.67 3.61 -10.05	53.94 3.68 -6.90	44.89 3.04 -0.13	45.25 3.00 -1.21	43.72 2.73 -0.93	43.45 2.67 -0.93	44.16 2.76 -1.92	44.14 2.88 -0.77	46.70 2.81 -3.15	55.98 3.31 -9.76	51.80 3.05 -6.98	46.49 2.78 -5.59	43.16 2.43 -6.06	41.09 2.51 -5.13	39.70 2.31 -6.68	33.24 2.14 -1.76
BARRETT___1 23545	46.27 2.02 -10.61	40.73 1.90 -7.68	36.42 1.92 -4.06	38.56 1.87 -6.62	40.18 1.83 -8.38	43.78 2.03 -9.54	54.59 2.70 -12.19	57.57 3.52 -11.08	56.67 3.61 -10.05	53.94 3.68 -6.90	44.89 3.04 -0.13	45.25 3.00 -1.21	43.72 2.73 -0.93	43.45 2.67 -0.93	44.16 2.76 -1.92	44.14 2.88 -0.77	46.70 2.81 -3.15	55.98 3.31 -9.76	51.80 3.05 -6.98	46.49 2.78 -5.59	43.16 2.43 -6.06	41.09 2.51 -5.13	39.70 2.31 -6.68	33.24 2.14 -1.76
BARRETT___2 23546	46.27 2.02 -10.61	40.73 1.90 -7.68	36.42 1.92 -4.06	38.56 1.87 -6.62	40.18 1.83 -8.38	43.78 2.03 -9.54	54.59 2.70 -12.19	57.57 3.52 -11.08	56.67 3.61 -10.05	53.94 3.68 -6.90	44.89 3.04 -0.13	45.25 3.00 -1.21	43.72 2.73 -0.93	43.45 2.67 -0.93	44.16 2.76 -1.92	44.14 2.88 -0.77	46.70 2.81 -3.15	55.98 3.31 -9.76	51.80 3.05 -6.98	46.49 2.78 -5.59	43.16 2.43 -6.06	41.09 2.51 -5.13	39.70 2.31 -6.68	33.24 2.14 -1.76
BATAVIA__115KV_TB1 55881	32.03 -1.61 0.00	29.62 -1.53 0.00	28.86 -1.58 0.00	28.51 -1.56 0.00	28.56 -1.41 0.00	30.73 -1.48 0.00	36.81 -2.90 0.00	39.61 -3.35 0.00	39.54 -3.53 -0.06	39.24 -4.12 0.00	37.84 -3.88 0.00	37.35 -3.69 0.00	36.71 -3.37 0.00	36.46 -3.39 0.00	36.04 -3.43 0.00	36.89 -3.60 0.00	36.79 -3.95 0.00	39.44 -3.48 0.00	38.52 -3.26 0.00	35.15 -2.97 0.00	32.03 -2.63 0.00	31.41 -2.04 0.00	28.45 -2.27 0.00	27.58 -1.76 0.00
BAYONEEC___CTG1 323682	35.16 1.52 0.00	32.55 1.40 0.00	31.94 1.49 0.00	31.48 1.41 0.00	31.32 1.35 0.00	33.76 1.55 0.00	41.77 2.06 0.00	45.89 2.92 0.00	46.58 3.05 -0.52	46.48 3.12 0.00	44.22 2.50 0.00	43.51 2.46 0.00	42.44 2.36 0.00	42.20 2.35 0.00	41.92 2.45 0.00	43.01 2.51 0.00	43.14 2.40 0.00	45.75 2.83 0.00	44.32 2.55 0.00	40.52 2.40 0.00	36.71 2.05 0.00	35.59 2.14 0.00	32.71 2.00 0.00	31.07 1.73 0.00
BAYONEEC___CTG10 323750	35.16 1.52 0.00	32.55 1.40 0.00	31.94 1.49 0.00	31.48 1.41 0.00	31.32 1.35 0.00	33.76 1.55 0.00	41.77 2.06 0.00	45.89 2.92 0.00	46.58 3.05 -0.52	46.48 3.12 0.00	44.22 2.50 0.00	43.51 2.46 0.00	42.44 2.36 0.00	42.20 2.35 0.00	41.92 2.45 0.00	43.01 2.51 0.00	43.14 2.40 0.00	45.75 2.83 0.00	44.32 2.55 0.00	40.52 2.40 0.00	36.71 2.05 0.00	35.59 2.14 0.00	32.71 2.00 0.00	31.07 1.73 0.00
BAYONEEC___CTG2 323683	35.16 1.52 0.00	32.55 1.40 0.00	31.94 1.49 0.00	31.48 1.41 0.00	31.32 1.35 0.00	33.76 1.55 0.00	41.77 2.06 0.00	45.89 2.92 0.00	46.58 3.05 -0.52	46.48 3.12 0.00	44.22 2.50 0.00	43.51 2.46 0.00	42.44 2.36 0.00	42.20 2.35 0.00	41.92 2.45 0.00	43.01 2.51 0.00	43.14 2.40 0.00	45.75 2.83 0.00	44.32 2.55 0.00	40.52 2.40 0.00	36.71 2.05 0.00	35.59 2.14 0.00	32.71 2.00 0.00	31.07 1.73 0.00
BAYONEEC___CTG3 323684	35.16 1.52 0.00	32.55 1.40 0.00	31.94 1.49 0.00	31.48 1.41 0.00	31.32 1.35 0.00	33.76 1.55 0.00	41.77 2.06 0.00	45.89 2.92 0.00	46.58 3.05 -0.52	46.48 3.12 0.00	44.22 2.50 0.00	43.51 2.46 0.00	42.44 2.36 0.00	42.20 2.35 0.00	41.92 2.45 0.00	43.01 2.51 0.00	43.14 2.40 0.00	45.75 2.83 0.00	44.32 2.55 0.00	40.52 2.40 0.00	36.71 2.05 0.00	35.59 2.14 0.00	32.71 2.00 0.00	31.07 1.73 0.00
BAYONEEC___CTG4 323685	35.16 1.52 0.00	32.55 1.40 0.00	31.94 1.49 0.00	31.48 1.41 0.00	31.32 1.35 0.00	33.76 1.55 0.00	41.77 2.06 0.00	45.89 2.92 0.00	46.58 3.05 -0.52	46.48 3.12 0.00	44.22 2.50 0.00	43.51 2.46 0.00	42.44 2.36 0.00	42.20 2.35 0.00	41.92 2.45 0.00	43.01 2.51 0.00	43.14 2.40 0.00	45.75 2.83 0.00	44.32 2.55 0.00	40.52 2.40 0.00	36.71 2.05 0.00	35.59 2.14 0.00	32.71 2.00 0.00	31.07 1.73 0.00
BAYONEEC___CTG5 323686	35.16 1.52 0.00	32.55 1.40 0.00	31.94 1.49 0.00	31.48 1.41 0.00	31.32 1.35 0.00	33.76 1.55 0.00	41.77 2.06 0.00	45.89 2.92 0.00	46.58 3.05 -0.52	46.48 3.12 0.00	44.22 2.50 0.00	43.51 2.46 0.00	42.44 2.36 0.00	42.20 2.35 0.00	41.92 2.45 0.00	43.01 2.51 0.00	43.14 2.40 0.00	45.75 2.83 0.00	44.32 2.55 0.00	40.52 2.40 0.00	36.71 2.05 0.00	35.59 2.14 0.00	32.71 2.00 0.00	31.07 1.73 0.00
BAYONEEC___CTG6 323687	35.16 1.52 0.00	32.55 1.40 0.00	31.94 1.49 0.00	31.48 1.41 0.00	31.32 1.35 0.00	33.76 1.55 0.00	41.77 2.06 0.00	45.89 2.92 0.00	46.58 3.05 -0.52	46.48 3.12 0.00	44.22 2.50 0.00	43.51 2.46 0.00	42.44 2.36 0.00	42.20 2.35 0.00	41.92 2.45 0.00	43.01 2.51 0.00	43.14 2.40 0.00	45.75 2.83 0.00	44.32 2.55 0.00	40.52 2.40 0.00	36.71 2.05 0.00	35.59 2.14 0.00	32.71 2.00 0.00	31.07 1.73 0.00

BAYONEEC___CTG7 323688	35.16 1.52 0.00	32.55 1.40 0.00	31.94 1.49 0.00	31.48 1.41 0.00	31.32 1.35 0.00	33.76 1.55 0.00	41.77 2.06 0.00	45.89 2.92 0.00	46.58 3.05 -0.52	46.48 3.12 0.00	44.22 2.50 0.00	43.51 2.46 0.00	42.44 2.36 0.00	42.20 2.35 0.00	41.92 2.45 0.00	43.01 2.51 0.00	43.14 2.40 0.00	45.75 2.83 0.00	44.32 2.55 0.00	40.52 2.40 0.00	36.71 2.05 0.00	35.59 2.14 0.00	32.71 2.00 0.00	31.07 1.73 0.00
BAYONEEC___CTG8 323689	35.16 1.52 0.00	32.55 1.40 0.00	31.94 1.49 0.00	31.48 1.41 0.00	31.32 1.35 0.00	33.76 1.55 0.00	41.77 2.06 0.00	45.89 2.92 0.00	46.58 3.05 -0.52	46.48 3.12 0.00	44.22 2.50 0.00	43.51 2.46 0.00	42.44 2.36 0.00	42.20 2.35 0.00	41.92 2.45 0.00	43.01 2.51 0.00	43.14 2.40 0.00	45.75 2.83 0.00	44.32 2.55 0.00	40.52 2.40 0.00	36.71 2.05 0.00	35.59 2.14 0.00	32.71 2.00 0.00	31.07 1.73 0.00
BAYONEEC___CTG9 323749	35.16 1.52 0.00	32.55 1.40 0.00	31.94 1.49 0.00	31.48 1.41 0.00	31.32 1.35 0.00	33.76 1.55 0.00	41.77 2.06 0.00	45.89 2.92 0.00	46.58 3.05 -0.52	46.48 3.12 0.00	44.22 2.50 0.00	43.51 2.46 0.00	42.44 2.36 0.00	42.20 2.35 0.00	41.92 2.45 0.00	43.01 2.51 0.00	43.14 2.40 0.00	45.75 2.83 0.00	44.32 2.55 0.00	40.52 2.40 0.00	36.71 2.05 0.00	35.59 2.14 0.00	32.71 2.00 0.00	31.07 1.73 0.00
BEACON___LESR 323632	34.95 1.31 0.00	32.43 1.28 0.00	31.75 1.31 0.00	31.33 1.26 0.00	31.20 1.23 0.00	33.57 1.35 0.00	41.61 1.91 0.00	45.24 2.28 0.00	45.97 2.32 -0.64	45.70 2.34 0.00	43.55 1.83 0.00	42.85 1.80 0.00	41.83 1.76 0.00	41.56 1.71 0.00	41.17 1.70 0.00	42.20 1.70 0.00	42.49 1.75 0.00	44.85 1.93 0.00	43.49 1.71 0.00	39.84 1.72 0.00	36.37 1.70 0.00	35.09 1.64 0.00	32.22 1.50 0.00	30.72 1.38 0.00
BEAVER RIVER___HYD 24048	33.74 0.10 0.00	31.18 0.03 0.00	30.44 0.00 0.00	30.10 0.03 0.00	30.03 0.06 0.00	32.34 0.13 0.00	40.02 0.32 0.00	43.44 0.47 0.00	43.29 0.26 -0.02	43.62 0.26 0.00	42.01 0.29 0.00	41.26 0.21 0.00	40.27 0.20 0.00	40.13 0.28 0.00	39.75 0.28 0.00	40.78 0.29 0.00	41.15 0.41 0.00	43.35 0.43 0.00	42.19 0.42 0.00	38.35 0.23 0.00	34.88 0.21 0.00	33.51 0.07 0.00	30.60 -0.12 0.00	29.10 -0.24 0.00
BEEBEE_GT_13 23619	32.16 -1.48 0.00	29.75 -1.40 0.00	29.01 -1.43 0.00	28.66 -1.41 0.00	28.68 -1.29 0.00	30.86 -1.35 0.00	37.36 -2.34 0.00	40.34 -2.62 0.00	40.53 -2.54 -0.06	40.28 -3.08 0.00	38.84 -2.88 0.00	38.30 -2.75 0.00	37.55 -2.52 0.00	37.34 -2.51 0.00	36.91 -2.57 0.00	37.78 -2.71 0.00	37.81 -2.93 0.00	40.26 -2.66 0.00	39.27 -2.51 0.00	35.83 -2.29 0.00	32.59 -2.08 0.00	31.77 -1.67 0.00	28.91 -1.81 0.00	27.87 -1.47 0.00
BENSHRST_27_KV_BENSHRST_1 355998	35.56 1.92 0.00	32.99 1.84 0.00	32.24 1.80 0.00	31.76 1.68 0.00	31.65 1.68 0.00	34.02 1.80 0.00	42.21 2.50 0.00	46.49 3.52 0.00	47.10 3.57 -0.52	46.57 3.21 0.00	44.68 2.96 0.00	44.05 3.00 0.00	42.88 2.81 0.00	42.68 2.83 0.00	42.43 2.96 0.00	43.65 3.16 0.00	43.88 3.14 0.00	46.31 3.39 0.00	44.87 3.09 0.00	41.06 2.94 0.00	39.95 2.50 -2.79	46.00 2.54 -10.01	33.18 2.46 -0.01	31.46 2.11 -0.01
BETHLEHEM___GRP 23843	34.32 0.67 0.00	31.87 0.72 0.00	31.21 0.76 0.00	30.79 0.72 0.00	30.66 0.69 0.00	32.95 0.74 0.00	40.78 1.07 0.00	44.34 1.37 0.00	45.02 1.38 -0.64	44.49 1.13 0.00	42.51 0.79 0.00	41.91 0.86 0.00	40.91 0.84 0.00	40.69 0.84 0.00	40.34 0.87 0.00	41.35 0.85 0.00	41.64 0.90 0.00	43.82 0.90 0.00	42.53 0.75 0.00	39.00 0.88 0.00	35.61 0.94 0.00	34.28 0.84 0.00	31.61 0.89 0.00	30.16 0.82 0.00
BETHLEHEM___GS1 323560	34.32 0.67 0.00	31.87 0.72 0.00	31.21 0.76 0.00	30.79 0.72 0.00	30.69 0.72 0.00	32.96 0.74 0.00	40.78 1.07 0.00	44.30 1.33 0.00	45.02 1.38 -0.64	44.70 1.35 0.00	42.55 0.83 0.00	41.87 0.82 0.00	40.91 0.84 0.00	40.69 0.84 0.00	40.34 0.87 0.00	41.31 0.81 0.00	41.55 0.81 0.00	43.82 0.90 0.00	42.53 0.75 0.00	39.00 0.88 0.00	35.61 0.94 0.00	34.38 0.94 0.00	31.61 0.89 0.00	30.16 0.82 0.00
BETHLEHEM___GS2 323561	34.32 0.67 0.00	31.87 0.72 0.00	31.21 0.76 0.00	30.79 0.72 0.00	30.69 0.72 0.00	32.96 0.74 0.00	40.78 1.07 0.00	44.30 1.33 0.00	45.02 1.38 -0.64	44.70 1.35 0.00	42.55 0.83 0.00	41.87 0.82 0.00	40.91 0.84 0.00	40.69 0.84 0.00	40.34 0.87 0.00	41.31 0.81 0.00	41.55 0.81 0.00	43.82 0.90 0.00	42.53 0.75 0.00	39.00 0.88 0.00	35.61 0.94 0.00	34.38 0.94 0.00	31.61 0.89 0.00	30.16 0.82 0.00
BETHLEHEM___GS3 323562	34.32 0.67 0.00	31.87 0.72 0.00	31.21 0.76 0.00	30.79 0.72 0.00	30.69 0.72 0.00	32.96 0.74 0.00	40.78 1.07 0.00	44.30 1.33 0.00	45.02 1.38 -0.64	44.70 1.35 0.00	42.55 0.83 0.00	41.87 0.82 0.00	40.91 0.84 0.00	40.69 0.84 0.00	40.34 0.87 0.00	41.31 0.81 0.00	41.55 0.81 0.00	43.82 0.90 0.00	42.53 0.75 0.00	39.00 0.88 0.00	35.61 0.94 0.00	34.38 0.94 0.00	31.61 0.89 0.00	30.16 0.82 0.00
BETHLEHEM___STEEL 23779	31.83 -1.82 0.00	29.44 -1.71 0.00	28.77 -1.67 0.00	28.33 -1.74 0.00	28.38 -1.59 0.00	30.47 -1.74 0.00	36.33 -3.38 0.00	38.97 -4.00 0.00	38.39 -4.69 -0.07	38.33 -5.03 0.00	37.00 -4.71 0.00	36.57 -4.47 0.00	35.90 -4.17 0.00	35.66 -4.18 0.00	35.25 -4.22 0.00	36.08 -4.41 0.00	36.01 -4.73 0.00	38.76 -4.16 0.00	37.76 -4.01 0.00	34.61 -3.51 0.00	31.58 -3.09 0.00	31.04 -2.41 0.00	28.14 -2.58 0.00	27.40 -1.94 0.00
BETHLHEM_115KV_TB1 79974	34.35 0.71 0.00	31.90 0.75 0.00	31.24 0.79 0.00	30.82 0.75 0.00	30.69 0.72 0.00	32.99 0.77 0.00	40.82 1.11 0.00	44.38 1.42 0.00	45.07 1.42 -0.64	44.53 1.17 0.00	42.59 0.88 0.00	41.95 0.90 0.00	40.95 0.88 0.00	40.73 0.88 0.00	40.38 0.91 0.00	41.43 0.93 0.00	41.72 0.98 0.00	43.91 0.99 0.00	42.61 0.84 0.00	39.07 0.95 0.00	35.64 0.97 0.00	34.32 0.87 0.00	31.64 0.92 0.00	30.19 0.85 0.00
BETHPAGE_CC_5 323564	46.48 2.22 -10.61	40.88 2.06 -7.68	36.58 2.07 -4.06	38.71 2.02 -6.62	40.33 1.98 -8.38	43.94 2.19 -9.54	54.75 2.86 -12.19	57.74 3.70 -11.08	56.84 3.79 -10.05	54.12 3.86 -6.90	45.10 3.26 -0.13	45.45 3.20 -1.20	44.12 3.13 -0.93	43.85 3.07 -0.93	44.55 3.16 -1.92	44.55 3.28 -0.77	47.15 3.26 -3.15	56.37 3.69 -9.76	52.18 3.43 -6.98	46.88 3.16 -5.59	43.47 2.74 -6.06	41.35 2.77 -5.13	39.91 2.52 -6.68	33.48 2.38 -1.76
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.00 -1.65 0.00	29.56 -1.59 0.00	28.89 -1.55 0.00	28.42 -1.65 0.00	28.47 -1.50 0.00	30.60 -1.61 0.00	36.49 -3.22 0.00	39.14 -3.82 0.00	38.39 -4.69 -0.07	38.46 -4.90 0.00	37.13 -4.59 0.00	36.70 -4.35 0.00	36.02 -4.05 0.00	35.78 -4.06 0.00	35.37 -4.11 0.00	36.20 -4.29 0.00	36.14 -4.60 0.00	38.89 -4.03 0.00	37.89 -3.88 0.00	34.73 -3.39 0.00	31.69 -2.98 0.00	31.14 -2.31 0.00	28.23 -2.49 0.00	27.46 -1.88 0.00

BINGHAMTON___COGEN 23790	33.58 -0.07 0.00	31.09 -0.06 0.00	30.35 -0.09 0.00	29.95 -0.12 0.00	29.91 -0.06 0.00	32.21 0.00 0.00	39.51 -0.20 0.00	42.88 -0.09 0.00	42.83 -0.34 -0.17	42.80 -0.56 0.00	41.26 -0.46 0.00	40.64 -0.41 0.00	39.71 -0.36 0.00	39.45 -0.40 0.00	39.12 -0.36 0.00	40.13 -0.36 0.00	40.33 -0.41 0.00	42.75 -0.17 0.00	41.52 -0.25 0.00	37.93 -0.19 0.00	34.46 -0.21 0.00	33.31 -0.13 0.00	30.50 -0.22 0.00	29.22 -0.12 0.00
BIXINCNT_115KV_LOAD 355685	32.40 -1.24 0.00	29.90 -1.25 0.00	29.11 -1.34 0.00	28.57 -1.50 0.00	28.50 -1.47 0.00	30.57 -1.64 0.00	36.45 -3.26 0.00	39.05 -3.91 0.00	37.41 -5.68 -0.08	37.55 -5.81 0.00	36.29 -5.42 0.00	35.92 -5.13 0.00	35.18 -4.89 0.00	35.07 -4.78 0.00	34.62 -4.86 0.00	35.47 -5.02 0.00	35.44 -5.30 0.00	38.11 -4.81 0.00	37.10 -4.68 0.00	33.97 -4.16 0.00	31.03 -3.64 0.00	30.40 -3.04 0.00	27.52 -3.19 0.00	26.79 -2.55 0.00
BLACK RIVER___HYD 24047	33.81 0.17 0.00	31.21 0.06 0.00	30.48 0.03 0.00	30.16 0.09 0.00	30.06 0.09 0.00	32.41 0.19 0.00	40.14 0.44 0.00	43.61 0.65 0.00	43.38 0.34 -0.03	43.70 0.35 0.00	42.05 0.33 0.00	41.30 0.25 0.00	40.39 0.32 0.00	40.25 0.40 0.00	39.87 0.39 0.00	40.94 0.45 0.00	41.35 0.61 0.00	43.69 0.77 0.00	42.44 0.67 0.00	38.58 0.46 0.00	35.05 0.38 0.00	33.65 0.20 0.00	30.66 -0.06 0.00	29.17 -0.17 0.00
BLACKRVR_115KV_TB2 79977	33.81 0.17 0.00	31.21 0.06 0.00	30.48 0.03 0.00	30.16 0.09 0.00	30.06 0.09 0.00	32.41 0.19 0.00	40.18 0.48 0.00	43.61 0.64 0.00	43.38 0.34 -0.03	43.66 0.30 0.00	42.05 0.33 0.00	41.30 0.25 0.00	40.39 0.32 0.00	40.25 0.40 0.00	39.87 0.39 0.00	40.90 0.40 0.00	41.31 0.57 0.00	43.65 0.73 0.00	42.44 0.67 0.00	38.58 0.46 0.00	35.02 0.35 0.00	33.71 0.27 0.00	30.66 -0.06 0.00	29.16 -0.18 0.00
BLISS_WT_PWR 323608	32.37 -1.28 0.00	29.97 -1.18 0.00	29.01 -1.43 0.00	28.48 -1.59 0.00	28.35 -1.62 0.00	30.41 -1.80 0.00	36.21 -3.49 0.00	38.80 -4.17 0.00	36.98 -6.11 -0.08	37.81 -5.55 0.00	35.79 -5.92 0.00	35.63 -5.42 0.00	34.78 -5.29 0.00	34.67 -5.18 0.00	34.22 -5.25 0.00	35.35 -5.14 0.00	35.69 -5.05 0.00	37.94 -4.98 0.00	36.68 -5.10 0.00	33.58 -4.54 0.00	30.72 -3.95 0.00	29.50 -3.95 0.00	27.22 -3.50 0.00	26.49 -2.85 0.00
BLUESTONE___WT_PWR 323821	35.86 2.22 0.00	33.15 2.00 0.00	32.33 1.89 0.00	31.94 1.87 0.00	31.83 1.86 0.00	34.37 2.16 0.00	42.53 2.82 0.00	46.23 3.26 0.00	46.03 2.84 -0.18	46.35 2.99 0.00	44.30 2.59 0.00	43.51 2.46 0.00	42.52 2.44 0.00	42.28 2.43 0.00	41.84 2.37 0.00	42.93 2.43 0.00	43.27 2.53 0.00	45.84 2.92 0.00	44.41 2.63 0.00	40.41 2.29 0.00	36.71 2.05 0.00	35.35 1.91 0.00	32.28 1.57 0.00	30.72 1.38 0.00
BLUE_CIRC_CHEM_DRP 24182	34.72 1.08 0.00	32.21 1.06 0.00	31.51 1.07 0.00	31.09 1.02 0.00	30.96 0.99 0.00	33.28 1.06 0.00	41.14 1.43 0.00	44.68 1.72 0.00	45.36 1.72 -0.63	44.83 1.47 0.00	42.97 1.25 0.00	42.32 1.27 0.00	41.31 1.24 0.00	41.04 1.20 0.00	40.70 1.22 0.00	41.75 1.26 0.00	42.04 1.30 0.00	44.29 1.37 0.00	43.03 1.25 0.00	39.38 1.26 0.00	35.92 1.25 0.00	34.62 1.17 0.00	31.89 1.17 0.00	30.46 1.11 0.00
BOC_GAS_DRP 24189	34.42 0.77 0.00	31.90 0.75 0.00	31.21 0.76 0.00	30.79 0.72 0.00	30.69 0.72 0.00	32.99 0.77 0.00	40.78 1.07 0.00	44.34 1.37 0.00	45.02 1.38 -0.64	44.53 1.17 0.00	42.72 1.00 0.00	42.03 0.99 0.00	41.03 0.96 0.00	40.80 0.96 0.00	40.42 0.95 0.00	41.51 1.01 0.00	41.80 1.06 0.00	44.04 1.12 0.00	42.78 1.00 0.00	39.11 0.99 0.00	35.61 0.94 0.00	34.32 0.87 0.00	31.61 0.89 0.00	30.16 0.82 0.00
BOONVILLE_115KV_TB1 79983	34.38 0.74 0.00	31.80 0.65 0.00	31.05 0.61 0.00	30.70 0.63 0.00	30.60 0.63 0.00	32.99 0.77 0.00	40.86 1.15 0.00	44.34 1.37 0.00	44.27 1.25 -0.02	44.53 1.17 0.00	42.88 1.17 0.00	42.16 1.11 0.00	41.15 1.08 0.00	40.96 1.12 0.00	40.58 1.11 0.00	41.63 1.13 0.00	41.92 1.18 0.00	44.21 1.29 0.00	42.94 1.17 0.00	39.11 0.99 0.00	35.54 0.87 0.00	34.25 0.80 0.00	31.30 0.58 0.00	29.81 0.47 0.00
BORALEX_4TH_BRANCH 23824	35.43 1.78 0.00	32.80 1.65 0.00	32.09 1.64 0.00	31.66 1.59 0.00	31.56 1.59 0.00	33.99 1.77 0.00	42.05 2.34 0.00	45.84 2.88 0.00	46.53 2.88 -0.64	45.92 2.56 0.00	44.05 2.34 0.00	43.31 2.26 0.00	42.24 2.16 0.00	41.96 2.11 0.00	41.60 2.13 0.00	42.72 2.23 0.00	43.10 2.36 0.00	45.45 2.53 0.00	44.16 2.38 0.00	40.37 2.25 0.00	36.68 2.01 0.00	35.35 1.91 0.00	32.59 1.87 0.00	31.16 1.82 0.00
BOWLINE___1 23526	34.79 1.14 0.00	32.21 1.06 0.00	31.54 1.09 0.00	31.15 1.08 0.00	31.02 1.05 0.00	33.37 1.16 0.00	41.34 1.63 0.00	45.24 2.28 0.00	45.87 2.36 -0.50	45.79 2.43 0.00	43.59 1.88 0.00	42.85 1.80 0.00	41.79 1.72 0.00	41.56 1.71 0.00	41.29 1.82 0.00	42.36 1.86 0.00	42.57 1.83 0.00	45.15 2.23 0.00	43.78 2.01 0.00	39.99 1.87 0.00	36.30 1.63 0.00	35.15 1.70 0.00	32.32 1.60 0.00	30.78 1.44 0.00
BOWLINE___2 23595	34.85 1.21 0.00	32.24 1.09 0.00	31.60 1.16 0.00	31.18 1.11 0.00	31.05 1.08 0.00	33.44 1.22 0.00	41.37 1.67 0.00	45.33 2.36 0.00	45.92 2.41 -0.50	45.83 2.47 0.00	43.68 1.96 0.00	42.94 1.89 0.00	41.88 1.80 0.00	41.64 1.79 0.00	41.33 1.86 0.00	42.44 1.94 0.00	42.65 1.92 0.00	45.19 2.27 0.00	43.86 2.09 0.00	40.03 1.91 0.00	36.33 1.66 0.00	35.19 1.74 0.00	32.32 1.60 0.00	30.78 1.44 0.00
BRADY___115KV_TB2 356060	34.28 0.64 0.00	31.71 0.56 0.00	30.96 0.52 0.00	30.61 0.54 0.00	30.48 0.51 0.00	32.70 0.48 0.00	40.18 0.48 0.00	43.35 0.39 0.00	43.26 0.26 0.00	44.05 0.69 0.00	42.51 0.79 0.00	41.75 0.70 0.00	40.67 0.60 0.00	40.57 0.72 0.00	40.06 0.59 0.00	41.02 0.53 0.00	41.19 0.45 0.00	43.14 0.21 0.00	42.11 0.33 0.00	38.27 0.15 0.00	34.95 0.28 0.00	33.65 0.20 0.00	30.81 0.09 0.00	29.40 0.06 0.00
BRANSCOMB___SOLAR 323811	35.06 1.41 0.00	32.43 1.28 0.00	31.72 1.28 0.00	31.30 1.23 0.00	31.17 1.20 0.00	33.60 1.38 0.00	41.65 1.95 0.00	45.28 2.32 0.00	46.07 2.41 -0.66	45.66 2.30 0.00	43.68 1.96 0.00	42.98 1.93 0.00	41.92 1.84 0.00	41.68 1.83 0.00	41.25 1.78 0.00	42.32 1.82 0.00	42.74 2.00 0.00	45.15 2.23 0.00	43.74 1.96 0.00	39.95 1.83 0.00	36.37 1.70 0.00	35.19 1.74 0.00	32.25 1.54 0.00	31.13 1.79 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	46.94 2.69 -10.60	41.34 2.52 -7.67	37.02 2.53 -4.05	39.12 2.44 -6.61	40.74 2.40 -8.37	44.38 2.64 -9.53	55.46 3.57 -12.18	58.55 4.51 -11.07	57.52 4.47 -10.04	54.20 3.95 -6.89	45.67 3.84 -0.12	46.02 3.78 -1.20	44.76 3.77 -0.92	44.48 3.71 -0.93	45.21 3.83 -1.91	45.27 4.01 -0.76	48.03 4.16 -3.14	57.09 4.42 -9.75	52.92 4.18 -6.97	47.56 3.85 -5.59	44.02 3.29 -6.05	41.68 3.11 -5.12	40.37 2.98 -6.67	33.76 2.67 -1.75



BRISTLHL_115KV_TB1 79998	32.60 -1.04 0.00	30.15 -1.00 0.00	29.47 -0.97 0.00	29.11 -0.96 0.00	29.07 -0.90 0.00	31.25 -0.97 0.00	38.48 -1.23 0.00	41.76 -1.20 0.00	41.84 -1.20 -0.04	41.97 -1.39 0.00	40.38 -1.33 0.00	39.78 -1.27 0.00	38.87 -1.20 0.00	38.65 -1.20 0.00	38.29 -1.18 0.00	39.28 -1.21 0.00	39.48 -1.26 0.00	41.76 -1.16 0.00	40.60 -1.17 0.00	37.09 -1.03 0.00	33.70 -0.97 0.00	32.51 -0.94 0.00	29.80 -0.92 0.00	28.49 -0.85 0.00
BROOKHAVEN___DRP 24191	47.01 2.76 -10.60	41.37 2.55 -7.67	37.05 2.56 -4.05	39.18 2.50 -6.61	40.80 2.46 -8.37	44.48 2.74 -9.53	55.58 3.69 -12.18	58.72 4.68 -11.07	57.69 4.64 -10.04	54.11 3.86 -6.89	45.88 4.05 -0.12	46.15 3.90 -1.20	44.96 3.97 -0.92	44.68 3.91 -0.93	45.45 4.07 -1.91	45.47 4.21 -0.76	48.24 4.36 -3.14	57.31 4.64 -9.76	53.14 4.39 -6.98	47.79 4.08 -5.59	44.15 3.43 -6.05	41.78 3.21 -5.12	40.43 3.04 -6.67	33.82 2.73 -1.75
BROOKLYN_NAVY_YARD 23515	35.12 1.48 0.00	32.55 1.40 0.00	31.91 1.46 0.00	31.46 1.38 0.00	31.32 1.35 0.00	33.73 1.51 0.00	41.81 2.10 0.00	45.93 2.96 0.00	46.62 3.10 -0.52	46.52 3.16 0.00	44.26 2.55 0.00	43.55 2.50 0.00	42.48 2.40 0.00	42.24 2.39 0.00	41.96 2.49 0.00	43.09 2.59 0.00	43.23 2.49 0.00	45.84 2.92 0.00	44.41 2.63 0.00	40.60 2.48 0.00	36.75 2.08 0.00	35.62 2.17 0.00	32.75 2.03 0.00	31.07 1.73 0.00
BROOKLYN___ARMY_DRP 323595	35.46 1.82 0.00	32.86 1.71 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.56 1.59 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.31 3.35 0.00	46.92 3.40 -0.52	46.39 3.04 0.00	44.51 2.79 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.49 3.00 0.00	43.67 2.93 0.00	46.10 3.18 0.00	44.66 2.88 0.00	40.87 2.74 0.00	39.81 2.36 -2.79	45.83 2.37 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
BROOKVLE_69_KV_TB1 55790	46.57 2.32 -10.60	40.97 2.15 -7.67	36.63 2.13 -4.05	38.76 2.07 -6.61	40.38 2.04 -8.37	44.03 2.29 -9.53	54.74 2.86 -12.18	57.82 3.78 -11.07	56.87 3.83 -10.04	53.72 3.47 -6.89	45.13 3.30 -0.12	45.53 3.28 -1.20	44.11 3.13 -0.92	43.88 3.11 -0.93	44.54 3.16 -1.91	44.62 3.36 -0.76	47.30 3.42 -3.14	56.36 3.69 -9.75	52.21 3.47 -6.97	46.87 3.16 -5.58	43.60 2.88 -6.05	41.31 2.74 -5.12	39.97 2.58 -6.67	33.44 2.35 -1.75
BROOME_2_LFGE 323671	33.58 -0.07 0.00	31.09 -0.06 0.00	30.35 -0.09 0.00	29.95 -0.12 0.00	29.91 -0.06 0.00	32.21 0.00 0.00	39.51 -0.20 0.00	42.84 -0.13 0.00	42.83 -0.35 -0.17	43.14 -0.22 0.00	41.22 -0.50 0.00	40.64 -0.41 0.00	39.71 -0.36 0.00	39.49 -0.36 0.00	39.12 -0.36 0.00	40.17 -0.33 0.00	40.46 -0.28 0.00	42.84 -0.09 0.00	41.52 -0.25 0.00	37.93 -0.19 0.00	34.46 -0.21 0.00	33.21 -0.23 0.00	30.51 -0.21 0.00	29.22 -0.12 0.00
BROOME___LFGE 323600	33.58 -0.07 0.00	31.09 -0.06 0.00	30.35 -0.09 0.00	29.95 -0.12 0.00	29.91 -0.06 0.00	32.21 0.00 0.00	39.51 -0.20 0.00	42.84 -0.13 0.00	42.83 -0.35 -0.17	43.14 -0.22 0.00	41.22 -0.50 0.00	40.64 -0.41 0.00	39.71 -0.36 0.00	39.49 -0.36 0.00	39.12 -0.36 0.00	40.17 -0.33 0.00	40.46 -0.28 0.00	42.84 -0.09 0.00	41.52 -0.25 0.00	37.93 -0.19 0.00	34.46 -0.21 0.00	33.21 -0.23 0.00	30.51 -0.21 0.00	29.22 -0.12 0.00
BROWNFLS_115KV_TB_3_5 80003	33.44 -0.20 0.00	30.93 -0.22 0.00	30.17 -0.27 0.00	29.86 -0.21 0.00	29.76 -0.21 0.00	31.99 -0.23 0.00	39.47 -0.24 0.00	42.75 -0.21 0.00	42.63 -0.39 -0.01	43.14 -0.22 0.00	41.55 -0.17 0.00	40.84 -0.21 0.00	39.83 -0.24 0.00	39.69 -0.16 0.00	39.28 -0.20 0.00	40.21 -0.28 0.00	40.50 -0.24 0.00	42.58 -0.34 0.00	41.48 -0.29 0.00	37.66 -0.46 0.00	34.32 -0.35 0.00	33.01 -0.43 0.00	30.17 -0.55 0.00	28.72 -0.62 0.00
BROWNSV1_27_KV_LOAD 356125	35.46 1.82 0.00	32.86 1.71 0.00	32.15 1.70 0.00	31.70 1.62 0.00	31.56 1.59 0.00	33.99 1.77 0.00	42.13 2.42 0.00	46.36 3.39 0.00	46.97 3.44 -0.52	46.44 3.08 0.00	44.59 2.88 0.00	43.88 2.83 0.00	42.80 2.72 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.53 3.04 0.00	43.80 3.06 0.00	46.14 3.22 0.00	44.74 2.97 0.00	40.90 2.78 0.00	37.03 2.36 0.00	35.86 2.41 0.00	32.96 2.24 0.00	31.31 1.97 0.00
BURROWS___LYONSDAL 23803	34.28 0.64 0.00	31.68 0.53 0.00	30.93 0.49 0.00	30.58 0.51 0.00	30.48 0.51 0.00	32.86 0.64 0.00	40.70 0.99 0.00	44.17 1.20 0.00	44.06 1.03 -0.02	44.36 1.00 0.00	42.72 1.00 0.00	41.95 0.90 0.00	40.99 0.92 0.00	40.80 0.96 0.00	40.42 0.95 0.00	41.47 0.97 0.00	41.76 1.02 0.00	44.04 1.12 0.00	42.82 1.04 0.00	38.96 0.84 0.00	35.40 0.73 0.00	34.12 0.67 0.00	31.18 0.46 0.00	29.69 0.35 0.00
CAITHNESS_CC_1 323624	46.91 2.66 -10.61	41.26 2.43 -7.68	36.97 2.46 -4.06	39.10 2.41 -6.62	40.69 2.34 -8.38	44.36 2.61 -9.54	55.42 3.53 -12.19	58.51 4.47 -11.08	57.57 4.51 -10.05	54.46 4.20 -6.90	45.76 3.92 -0.13	45.98 3.74 -1.20	44.76 3.77 -0.93	44.53 3.74 -0.93	45.26 3.87 -1.92	45.20 3.93 -0.77	47.92 4.03 -3.15	57.23 4.55 -9.77	52.98 4.22 -6.99	47.61 3.89 -5.60	43.99 3.26 -6.06	41.76 3.18 -5.13	40.34 2.95 -6.68	33.74 2.64 -1.76
CALPINE BETH_PAGE_GT4 24209	46.50 2.25 -10.60	40.94 2.12 -7.67	36.60 2.10 -4.05	38.73 2.04 -6.61	40.35 2.01 -8.37	43.96 2.22 -9.53	54.82 2.94 -12.18	57.86 3.82 -11.07	56.87 3.83 -10.04	53.72 3.47 -6.89	45.09 3.25 -0.12	45.49 3.24 -1.20	44.11 3.13 -0.92	43.88 3.11 -0.93	44.58 3.20 -1.91	44.66 3.40 -0.76	47.38 3.50 -3.14	56.36 3.69 -9.75	52.25 3.51 -6.97	46.95 3.24 -5.58	43.53 2.81 -6.05	41.25 2.68 -5.12	39.94 2.55 -6.67	33.44 2.35 -1.75
CALPINE_BETH_PAGE_GT_4 323586	46.51 2.25 -10.61	40.91 2.09 -7.68	36.60 2.10 -4.06	38.74 2.05 -6.62	40.36 2.01 -8.38	44.00 2.25 -9.54	54.83 2.94 -12.19	57.78 3.74 -11.08	56.88 3.83 -10.05	54.16 3.90 -6.90	45.14 3.29 -0.13	45.49 3.24 -1.20	44.16 3.16 -0.93	43.93 3.15 -0.93	44.63 3.24 -1.92	44.63 3.36 -0.77	47.19 3.30 -3.15	56.46 3.78 -9.76	52.26 3.51 -6.98	46.95 3.24 -5.59	43.54 2.81 -6.06	41.39 2.81 -5.13	39.98 2.58 -6.68	33.48 2.38 -1.76
CALPINE_BP_GT1 23823	46.51 2.25 -10.61	40.91 2.09 -7.68	36.60 2.10 -4.06	38.74 2.05 -6.62	40.36 2.01 -8.38	44.00 2.25 -9.54	54.83 2.94 -12.19	57.78 3.74 -11.08	56.88 3.83 -10.05	54.16 3.90 -6.90	45.14 3.29 -0.13	45.49 3.24 -1.20	44.16 3.16 -0.93	43.93 3.15 -0.93	44.63 3.24 -1.92	44.63 3.36 -0.77	47.19 3.30 -3.15	56.46 3.78 -9.76	52.26 3.51 -6.98	46.95 3.24 -5.59	43.54 2.81 -6.06	41.39 2.81 -5.13	39.98 2.58 -6.68	33.48 2.38 -1.76
CALSPAN___DRP 24200	31.83 -1.82 0.00	29.44 -1.71 0.00	28.77 -1.67 0.00	28.33 -1.74 0.00	28.38 -1.59 0.00	30.47 -1.74 0.00	36.33 -3.38 0.00	38.97 -4.00 0.00	38.39 -4.69 -0.07	38.33 -5.03 0.00	37.00 -4.71 0.00	36.57 -4.47 0.00	35.90 -4.17 0.00	35.66 -4.18 0.00	35.25 -4.22 0.00	36.08 -4.41 0.00	36.01 -4.73 0.00	38.76 -4.16 0.00	37.76 -4.01 0.00	34.61 -3.51 0.00	31.58 -3.09 0.00	31.04 -2.41 0.00	28.14 -2.58 0.00	27.40 -1.94 0.00

CALVERTON___SOLAR 323806	47.18 2.93 -10.61	41.51 2.68 -7.68	37.18 2.68 -4.06	39.31 2.61 -6.62	40.93 2.58 -8.38	44.62 2.87 -9.54	55.74 3.85 -12.19	58.86 4.81 -11.08	57.91 4.86 -10.05	54.73 4.47 -6.90	46.14 4.30 -0.13	46.31 4.06 -1.20	45.13 4.13 -0.93	44.89 4.11 -0.93	45.62 4.23 -1.92	45.60 4.34 -0.77	48.29 4.40 -3.15	57.66 4.98 -9.77	53.40 4.64 -6.99	47.99 4.27 -5.60	44.30 3.57 -6.06	42.03 3.45 -5.13	40.56 3.16 -6.68	33.95 2.85 -1.76
CANDIGU_WT_PWR 323617	33.00 -0.64 0.00	30.56 -0.59 0.00	29.77 -0.67 0.00	29.32 -0.75 0.00	29.34 -0.63 0.00	31.57 -0.64 0.00	38.20 -1.51 0.00	41.24 -1.72 0.00	40.84 -2.28 -0.11	41.37 -1.99 0.00	39.38 -2.34 0.00	38.96 -2.09 0.00	38.07 -2.00 0.00	37.82 -2.03 0.00	37.46 -2.01 0.00	38.51 -1.98 0.00	38.87 -1.87 0.00	41.25 -1.67 0.00	39.81 -1.96 0.00	36.44 -1.68 0.00	33.15 -1.52 0.00	31.84 -1.60 0.00	29.34 -1.38 0.00	28.34 -1.00 0.00
CARR STREET_E_SYR 24060	32.87 -0.77 0.00	30.44 -0.72 0.00	29.75 -0.70 0.00	29.38 -0.69 0.00	29.31 -0.66 0.00	31.54 -0.68 0.00	38.72 -0.99 0.00	41.85 -1.12 0.00	41.94 -1.12 -0.05	42.28 -1.08 0.00	40.47 -1.25 0.00	39.90 -1.15 0.00	38.95 -1.12 0.00	38.73 -1.12 0.00	38.37 -1.10 0.00	39.40 -1.09 0.00	39.64 -1.10 0.00	41.89 -1.03 0.00	40.69 -1.09 0.00	37.13 -0.99 0.00	33.87 -0.80 0.00	32.71 -0.74 0.00	30.04 -0.68 0.00	28.72 -0.62 0.00
CARTHAGE___PAPER 23857	33.71 0.07 0.00	31.15 0.00 0.00	30.41 -0.03 0.00	30.07 0.00 0.00	30.00 0.03 0.00	32.34 0.13 0.00	40.06 0.36 0.00	43.48 0.52 0.00	43.29 0.26 -0.02	43.58 0.22 0.00	41.97 0.25 0.00	41.26 0.21 0.00	40.27 0.20 0.00	40.13 0.28 0.00	39.75 0.28 0.00	40.82 0.32 0.00	41.23 0.49 0.00	43.48 0.56 0.00	42.28 0.50 0.00	38.42 0.30 0.00	34.91 0.24 0.00	33.55 0.10 0.00	30.60 -0.12 0.00	29.08 -0.26 0.00
CASSADAGA_WT_PWR 323784	33.00 -0.64 0.00	30.37 -0.78 0.00	29.35 -1.09 0.00	28.90 -1.17 0.00	28.65 -1.32 0.00	30.76 -1.45 0.00	37.01 -2.70 0.00	39.31 -3.65 0.00	38.53 -4.56 -0.08	39.24 -4.12 0.00	37.00 -4.71 0.00	36.78 -4.27 0.00	35.95 -4.13 0.00	35.66 -4.18 0.00	35.17 -4.30 0.00	36.24 -4.25 0.00	36.50 -4.24 0.00	38.88 -4.04 0.00	37.56 -4.22 0.00	34.42 -3.70 0.00	31.38 -3.29 0.00	30.27 -3.18 0.00	28.17 -2.55 0.00	27.78 -1.56 0.00
CE_DUNWOOD___DRP 24194	35.09 1.45 0.00	32.52 1.37 0.00	31.85 1.40 0.00	31.39 1.32 0.00	31.26 1.29 0.00	33.66 1.45 0.00	41.73 2.03 0.00	45.76 2.79 0.00	46.36 2.84 -0.52	45.83 2.47 0.00	44.01 2.29 0.00	43.35 2.30 0.00	42.24 2.16 0.00	42.00 2.15 0.00	41.72 2.25 0.00	42.89 2.39 0.00	43.18 2.44 0.00	45.54 2.62 0.00	44.20 2.42 0.00	40.37 2.25 0.00	36.61 1.94 0.00	35.32 1.87 0.00	32.53 1.81 0.00	30.95 1.61 0.00
CE_MILLWOOD___DRP 24193	35.06 1.41 0.00	32.49 1.34 0.00	31.78 1.34 0.00	31.36 1.29 0.00	31.20 1.23 0.00	33.63 1.42 0.00	41.65 1.95 0.00	45.67 2.71 0.00	46.27 2.75 -0.52	45.74 2.38 0.00	43.93 2.21 0.00	43.22 2.18 0.00	42.16 2.08 0.00	41.92 2.07 0.00	41.60 2.13 0.00	42.80 2.31 0.00	43.10 2.36 0.00	45.45 2.53 0.00	44.11 2.34 0.00	40.29 2.17 0.00	36.54 1.87 0.00	35.25 1.81 0.00	32.50 1.78 0.00	30.92 1.58 0.00
CE_NYC2_DRP 24202	35.33 1.68 0.00	32.77 1.62 0.00	32.06 1.61 0.00	31.60 1.53 0.00	31.50 1.53 0.00	33.86 1.64 0.00	41.93 2.22 0.00	46.14 3.18 0.00	46.75 3.23 -0.52	46.18 2.82 0.00	44.34 2.63 0.00	43.68 2.63 0.00	42.56 2.48 0.00	42.36 2.51 0.00	42.08 2.61 0.00	43.29 2.79 0.00	43.55 2.81 0.00	45.93 3.00 0.00	44.49 2.72 0.00	40.68 2.55 0.00	36.85 2.18 0.00	35.65 2.21 0.00	32.91 2.18 -0.01	31.28 1.94 -0.01
CE_NYC_DRP 24195	35.19 1.55 0.00	32.65 1.50 0.00	31.94 1.49 0.00	31.48 1.41 0.00	31.38 1.41 0.00	33.76 1.55 0.00	41.81 2.10 0.00	46.01 3.05 0.00	46.67 3.14 -0.52	46.09 2.73 0.00	44.26 2.54 0.00	43.59 2.55 0.00	42.48 2.40 0.00	42.24 2.39 0.00	41.96 2.49 0.00	43.21 2.71 0.00	43.47 2.73 0.00	45.80 2.88 0.00	44.41 2.63 0.00	40.56 2.44 0.00	36.75 2.08 0.00	35.49 2.04 0.00	32.72 2.00 0.00	31.07 1.73 0.00
CHAFFEE___LFGE 323603	31.93 -1.71 0.00	29.62 -1.53 0.00	28.83 -1.61 0.00	28.39 -1.68 0.00	28.44 -1.53 0.00	30.57 -1.64 0.00	36.45 -3.26 0.00	39.14 -3.82 0.00	38.48 -4.60 -0.08	39.11 -4.25 0.00	37.04 -4.67 0.00	36.86 -4.19 0.00	36.06 -4.01 0.00	35.83 -4.02 0.00	35.41 -4.06 0.00	36.53 -3.97 0.00	36.95 -3.79 0.00	39.19 -3.73 0.00	37.93 -3.84 0.00	34.77 -3.35 0.00	31.69 -2.98 0.00	30.44 -3.01 0.00	28.23 -2.49 0.00	27.46 -1.88 0.00
CHATEAUG_35_KV_LOAD 355732	35.16 1.51 0.00	32.52 1.37 0.00	31.69 1.25 0.00	31.33 1.26 0.00	31.23 1.26 0.00	33.18 0.97 0.00	40.86 1.15 0.00	44.12 1.16 0.00	43.91 0.90 0.00	44.70 1.34 0.00	43.05 1.33 0.00	42.24 1.19 0.00	41.11 1.04 0.00	40.92 1.08 0.00	40.38 0.91 0.00	41.18 0.69 0.00	41.39 0.65 0.00	43.26 0.34 0.00	42.07 0.29 0.00	38.01 -0.11 0.00	34.36 -0.31 0.00	33.01 -0.43 0.00	30.10 -0.61 0.00	28.99 -0.35 0.00
CHATEAUG_WT_PWR 323614	35.09 1.45 0.00	32.46 1.31 0.00	31.66 1.22 0.00	31.28 1.20 0.00	31.17 1.20 0.00	33.08 0.87 0.00	40.74 1.03 0.00	44.04 1.07 0.00	43.78 0.77 0.00	44.14 0.78 0.00	42.88 1.17 0.00	42.11 1.07 0.00	40.99 0.92 0.00	40.77 0.92 0.00	40.22 0.75 0.00	40.98 0.49 0.00	41.15 0.41 0.00	42.96 0.04 0.00	41.73 -0.04 0.00	37.70 -0.42 0.00	34.01 -0.66 0.00	32.71 -0.74 0.00	29.80 -0.92 0.00	28.72 -0.62 0.00
CHAT_HIGH_FALL_HYD 323578	35.16 1.51 0.00	32.52 1.37 0.00	31.69 1.25 0.00	31.33 1.26 0.00	31.23 1.26 0.00	33.18 0.97 0.00	40.86 1.15 0.00	44.12 1.16 0.00	43.91 0.90 0.00	44.70 1.34 0.00	43.05 1.33 0.00	42.24 1.19 0.00	41.11 1.04 0.00	40.92 1.08 0.00	40.38 0.91 0.00	41.18 0.69 0.00	41.39 0.65 0.00	43.26 0.34 0.00	42.07 0.29 0.00	38.01 -0.11 0.00	34.36 -0.31 0.00	33.01 -0.43 0.00	30.10 -0.61 0.00	28.99 -0.35 0.00
CHAUTAUQUA___LFGE 323629	32.30 -1.35 0.00	29.93 -1.22 0.00	29.04 -1.40 0.00	28.63 -1.44 0.00	28.59 -1.38 0.00	30.73 -1.48 0.00	36.73 -2.98 0.00	39.35 -3.61 0.00	38.74 -4.34 -0.08	39.33 -4.03 0.00	37.21 -4.51 0.00	36.98 -4.06 0.00	36.19 -3.89 0.00	35.94 -3.90 0.00	35.49 -3.99 0.00	36.61 -3.89 0.00	36.99 -3.75 0.00	39.32 -3.61 0.00	38.01 -3.76 0.00	34.84 -3.28 0.00	31.76 -2.91 0.00	30.54 -2.91 0.00	28.32 -2.40 0.00	27.67 -1.67 0.00
CHERRYST_13_KV_LD 356241	35.26 1.61 0.00	32.71 1.56 0.00	32.00 1.55 0.00	31.57 1.50 0.00	31.44 1.47 0.00	33.86 1.64 0.00	41.93 2.22 0.00	46.14 3.18 0.00	46.79 3.27 -0.52	46.22 2.86 0.00	44.39 2.67 0.00	43.72 2.67 0.00	42.64 2.56 0.00	42.36 2.51 0.00	42.12 2.64 0.00	43.33 2.83 0.00	43.59 2.85 0.00	45.93 3.00 0.00	44.53 2.76 0.00	40.68 2.55 0.00	36.85 2.18 0.00	35.59 2.14 0.00	32.81 2.09 0.00	31.16 1.82 0.00

CHESTROR_138KV_BK263 355645	34.79 1.14 0.00	32.21 1.06 0.00	31.51 1.07 0.00	31.09 1.02 0.00	30.96 0.99 0.00	33.34 1.13 0.00	41.26 1.55 0.00	45.11 2.15 0.00	45.68 2.19 -0.49	45.18 1.82 0.00	43.43 1.71 0.00	42.73 1.68 0.00	41.67 1.60 0.00	41.40 1.55 0.00	41.13 1.66 0.00	42.28 1.78 0.00	42.57 1.83 0.00	44.94 2.02 0.00	43.65 1.88 0.00	39.84 1.72 0.00	36.13 1.46 0.00	34.85 1.40 0.00	32.10 1.38 0.00	30.60 1.26 0.00
CH_MIDHUDSON___DRP 24192	35.19 1.55 0.00	32.58 1.43 0.00	31.88 1.43 0.00	31.45 1.38 0.00	31.32 1.35 0.00	33.73 1.51 0.00	41.73 2.03 0.00	45.67 2.71 0.00	46.29 2.75 -0.53	45.74 2.38 0.00	43.93 2.21 0.00	43.18 2.13 0.00	42.08 2.00 0.00	41.84 1.99 0.00	41.53 2.05 0.00	42.72 2.23 0.00	43.02 2.28 0.00	45.37 2.45 0.00	44.11 2.34 0.00	40.22 2.10 0.00	36.47 1.80 0.00	35.15 1.71 0.00	32.41 1.69 0.00	30.90 1.56 0.00
CH_MISC_IPPS 23765	35.29 1.65 0.00	32.65 1.50 0.00	31.97 1.52 0.00	31.54 1.47 0.00	31.41 1.44 0.00	33.82 1.61 0.00	41.89 2.18 0.00	45.80 2.83 0.00	46.46 2.93 -0.52	46.26 2.91 0.00	44.09 2.38 0.00	43.31 2.26 0.00	42.23 2.16 0.00	41.96 2.11 0.00	41.68 2.21 0.00	42.80 2.31 0.00	43.06 2.32 0.00	45.63 2.71 0.00	44.32 2.55 0.00	40.37 2.25 0.00	36.61 1.94 0.00	35.42 1.97 0.00	32.50 1.78 0.00	30.95 1.61 0.00
CH_RES_BVR_FALLS 23983	33.74 0.10 0.00	31.24 0.09 0.00	30.51 0.06 0.00	30.13 0.06 0.00	30.03 0.06 0.00	32.21 0.00 0.00	39.71 0.00 0.00	42.79 -0.17 0.00	42.84 -0.17 0.00	43.14 -0.22 0.00	41.76 0.04 0.00	41.09 0.04 0.00	40.07 0.00 0.00	39.89 0.04 0.00	39.47 0.00 0.00	40.46 -0.04 0.00	40.66 -0.08 0.00	42.71 -0.21 0.00	41.69 -0.08 0.00	37.97 -0.15 0.00	34.57 -0.10 0.00	33.25 -0.20 0.00	30.54 -0.18 0.00	29.17 -0.17 0.00
CH_RES_NIAGARA 23895	30.45 -3.20 0.00	28.38 -2.77 0.00	27.58 -2.86 0.00	27.18 -2.89 0.00	27.27 -2.70 0.00	29.25 -2.96 0.00	34.74 -4.96 0.00	37.16 -5.80 0.00	36.96 -6.11 -0.06	37.25 -6.11 0.00	35.17 -6.55 0.00	35.02 -6.03 0.00	34.26 -5.81 0.00	34.03 -5.82 0.00	33.63 -5.84 0.00	34.83 -5.67 0.00	35.28 -5.46 0.00	37.25 -5.67 0.00	36.09 -5.68 0.00	33.13 -4.99 0.00	30.27 -4.40 0.00	29.07 -4.38 0.00	27.06 -3.66 0.00	26.43 -2.91 0.00
CH_RES_SYRACUSE 23985	33.10 -0.54 0.00	30.65 -0.50 0.00	29.93 -0.52 0.00	29.56 -0.51 0.00	29.52 -0.45 0.00	31.76 -0.45 0.00	39.03 -0.68 0.00	42.36 -0.60 0.00	42.42 -0.64 -0.05	42.75 -0.61 0.00	40.97 -0.75 0.00	40.39 -0.66 0.00	39.43 -0.64 0.00	39.21 -0.64 0.00	38.84 -0.63 0.00	39.89 -0.61 0.00	40.13 -0.61 0.00	42.41 -0.51 0.00	41.15 -0.63 0.00	37.59 -0.53 0.00	34.18 -0.49 0.00	32.91 -0.54 0.00	30.23 -0.49 0.00	28.90 -0.44 0.00
CLINTON_WT_PWR 323605	35.09 1.45 0.00	32.46 1.31 0.00	31.66 1.22 0.00	31.28 1.20 0.00	31.17 1.20 0.00	33.08 0.87 0.00	40.74 1.03 0.00	44.04 1.07 0.00	43.78 0.77 0.00	44.14 0.78 0.00	42.88 1.17 0.00	42.11 1.07 0.00	40.99 0.92 0.00	40.77 0.92 0.00	40.22 0.75 0.00	40.98 0.49 0.00	41.15 0.41 0.00	42.96 0.04 0.00	41.73 -0.04 0.00	37.70 -0.42 0.00	34.01 -0.66 0.00	32.71 -0.74 0.00	29.80 -0.92 0.00	28.72 -0.62 0.00
CLINTON___LFGE 323618	35.73 2.09 0.00	33.05 1.90 0.00	32.18 1.73 0.00	31.81 1.74 0.00	31.71 1.74 0.00	33.63 1.42 0.00	41.41 1.71 0.00	44.98 2.02 0.00	44.60 1.59 0.00	44.92 1.56 0.00	43.64 1.92 0.00	42.81 1.76 0.00	41.63 1.56 0.00	41.48 1.63 0.00	40.85 1.38 0.00	41.67 1.18 0.00	41.84 1.10 0.00	43.69 0.77 0.00	42.57 0.79 0.00	38.39 0.27 0.00	34.64 -0.03 0.00	33.28 -0.17 0.00	30.29 -0.43 0.00	29.28 -0.06 0.00
COBBLENY_34_KV_TB1 80064	31.93 -1.72 0.00	29.50 -1.65 0.00	28.83 -1.61 0.00	28.39 -1.68 0.00	28.44 -1.53 0.00	30.57 -1.64 0.00	36.45 -3.26 0.00	39.10 -3.87 0.00	38.48 -4.60 -0.08	38.46 -4.90 0.00	37.13 -4.59 0.00	36.70 -4.35 0.00	36.06 -4.01 0.00	35.82 -4.02 0.00	35.41 -4.07 0.00	36.20 -4.29 0.00	36.14 -4.60 0.00	38.89 -4.03 0.00	37.93 -3.84 0.00	34.77 -3.35 0.00	31.69 -2.98 0.00	31.14 -2.31 0.00	28.23 -2.49 0.00	27.46 -1.88 0.00
COFFEEN___115KV_TB3 355620	34.05 0.40 0.00	31.43 0.28 0.00	30.69 0.24 0.00	30.37 0.30 0.00	30.27 0.30 0.00	32.66 0.45 0.00	40.50 0.79 0.00	43.95 0.99 0.00	43.72 0.69 -0.03	44.01 0.65 0.00	42.34 0.63 0.00	41.62 0.57 0.00	40.67 0.60 0.00	40.57 0.72 0.00	40.18 0.71 0.00	41.23 0.73 0.00	41.64 0.90 0.00	44.04 1.12 0.00	42.82 1.04 0.00	38.88 0.76 0.00	35.29 0.62 0.00	33.98 0.54 0.00	30.87 0.15 0.00	29.34 0.00 0.00
COLDSPRG_115KV_BK1 355956	33.61 -0.03 0.00	30.90 -0.25 0.00	30.02 -0.43 0.00	29.59 -0.48 0.00	29.49 -0.48 0.00	31.73 -0.48 0.00	38.08 -1.63 0.00	40.77 -2.19 0.00	39.65 -3.44 -0.08	39.93 -3.43 0.00	38.55 -3.17 0.00	38.18 -2.87 0.00	37.43 -2.64 0.00	37.10 -2.75 0.00	36.63 -2.84 0.00	37.46 -3.04 0.00	37.36 -3.38 0.00	40.22 -2.70 0.00	39.10 -2.67 0.00	35.83 -2.29 0.00	32.59 -2.08 0.00	31.91 -1.54 0.00	29.06 -1.66 0.00	28.37 -0.97 0.00
COLONIE_LFGE___ 323577	34.92 1.28 0.00	32.33 1.18 0.00	31.63 1.19 0.00	31.21 1.14 0.00	31.11 1.14 0.00	33.47 1.26 0.00	41.45 1.75 0.00	45.07 2.10 0.00	45.81 2.15 -0.65	45.48 2.12 0.00	43.43 1.71 0.00	42.69 1.64 0.00	41.68 1.60 0.00	41.44 1.60 0.00	41.05 1.58 0.00	42.12 1.62 0.00	42.41 1.67 0.00	44.81 1.89 0.00	43.49 1.71 0.00	39.76 1.64 0.00	36.16 1.49 0.00	34.95 1.51 0.00	32.10 1.38 0.00	30.72 1.38 0.00
COOPERNY_115KV_TB1 80082	34.48 0.84 0.00	31.93 0.78 0.00	31.24 0.79 0.00	30.82 0.75 0.00	30.69 0.72 0.00	33.05 0.84 0.00	40.82 1.11 0.00	44.60 1.63 0.00	45.04 1.63 -0.40	44.70 1.34 0.00	42.97 1.25 0.00	42.28 1.23 0.00	41.23 1.16 0.00	41.00 1.16 0.00	40.70 1.22 0.00	41.79 1.30 0.00	42.08 1.34 0.00	44.42 1.50 0.00	43.15 1.38 0.00	39.38 1.26 0.00	35.74 1.07 0.00	34.48 1.04 0.00	31.76 1.04 0.00	30.25 0.91 0.00
COPENHAGEN_WT_PWR 323753	33.71 0.07 0.00	31.12 -0.03 0.00	30.38 -0.06 0.00	30.07 0.00 0.00	29.97 0.00 0.00	32.31 0.10 0.00	39.99 0.28 0.00	43.44 0.47 0.00	43.25 0.22 -0.03	43.58 0.22 0.00	41.88 0.17 0.00	41.17 0.12 0.00	40.23 0.16 0.00	40.09 0.24 0.00	39.75 0.28 0.00	40.78 0.29 0.00	41.19 0.45 0.00	43.52 0.60 0.00	42.28 0.50 0.00	38.42 0.30 0.00	34.91 0.24 0.00	33.55 0.10 0.00	30.60 -0.12 0.00	29.10 -0.24 0.00
CORNELL_____ 23752	34.11 0.47 0.00	31.56 0.40 0.00	30.81 0.37 0.00	30.40 0.33 0.00	30.36 0.39 0.00	32.73 0.52 0.00	40.30 0.60 0.00	43.78 0.82 0.00	43.77 0.65 -0.12	43.79 0.43 0.00	42.17 0.46 0.00	41.50 0.45 0.00	40.59 0.52 0.00	40.33 0.48 0.00	39.99 0.51 0.00	41.02 0.53 0.00	41.23 0.49 0.00	43.74 0.82 0.00	42.44 0.67 0.00	38.73 0.61 0.00	35.16 0.49 0.00	33.88 0.43 0.00	31.00 0.28 0.00	29.60 0.26 0.00

CORONA_69_KV_TB1 355595	46.43 2.19 -10.60	40.87 2.06 -7.67	36.54 2.04 -4.05	38.67 1.98 -6.61	40.29 1.95 -8.37	43.90 2.16 -9.53	54.74 2.86 -12.18	57.82 3.78 -11.07	56.83 3.78 -10.04	53.68 3.43 -6.89	45.09 3.25 -0.12	45.49 3.24 -1.20	44.03 3.05 -0.92	43.76 2.99 -0.93	44.46 3.08 -1.91	44.54 3.28 -0.76	47.14 3.26 -3.14	56.19 3.52 -9.75	52.04 3.30 -6.97	46.75 3.05 -5.58	43.46 2.74 -6.05	41.18 2.61 -5.12	39.88 2.49 -6.67	33.35 2.26 -1.75
CORTLAND_115KV_TB3 80093	33.81 0.17 0.00	31.27 0.12 0.00	30.57 0.12 0.00	30.16 0.09 0.00	30.12 0.15 0.00	32.44 0.23 0.00	39.95 0.24 0.00	43.35 0.39 0.00	43.36 0.26 -0.10	43.45 0.09 0.00	41.80 0.08 0.00	41.17 0.12 0.00	40.23 0.16 0.00	40.01 0.16 0.00	39.63 0.16 0.00	40.66 0.16 0.00	40.86 0.12 0.00	43.26 0.34 0.00	42.02 0.25 0.00	38.39 0.27 0.00	34.88 0.21 0.00	33.65 0.20 0.00	30.81 0.09 0.00	29.43 0.09 0.00
COXSACKIE___GT 23611	35.96 2.32 0.00	33.27 2.12 0.00	32.61 2.16 0.00	32.14 2.07 0.00	32.01 2.04 0.00	34.47 2.25 0.00	42.76 3.06 0.00	46.32 3.35 0.00	46.71 3.10 -0.61	46.48 3.12 0.00	44.13 2.42 0.00	43.35 2.30 0.00	42.23 2.16 0.00	42.00 2.15 0.00	41.64 2.17 0.00	42.88 2.39 0.00	43.39 2.65 0.00	45.84 2.92 0.00	44.74 2.97 0.00	40.71 2.59 0.00	37.17 2.50 0.00	35.86 2.41 0.00	32.81 2.09 0.00	31.31 1.97 0.00
CPV_VALLEY___CC1 323721	34.52 0.87 0.00	31.96 0.81 0.00	31.30 0.85 0.00	30.88 0.81 0.00	30.75 0.78 0.00	33.11 0.90 0.00	40.94 1.23 0.00	44.73 1.76 0.00	45.27 1.81 -0.45	45.22 1.86 0.00	43.14 1.42 0.00	42.40 1.35 0.00	41.35 1.28 0.00	41.12 1.27 0.00	40.82 1.34 0.00	41.91 1.42 0.00	42.13 1.39 0.00	44.64 1.72 0.00	43.32 1.55 0.00	39.53 1.41 0.00	35.88 1.21 0.00	34.72 1.27 0.00	31.89 1.17 0.00	30.39 1.05 0.00
CPV_VALLEY___CC2 323722	34.52 0.87 0.00	31.96 0.81 0.00	31.30 0.85 0.00	30.88 0.81 0.00	30.75 0.78 0.00	33.11 0.90 0.00	40.94 1.23 0.00	44.73 1.76 0.00	45.27 1.81 -0.45	45.22 1.86 0.00	43.14 1.42 0.00	42.40 1.35 0.00	41.35 1.28 0.00	41.12 1.27 0.00	40.82 1.34 0.00	41.91 1.42 0.00	42.13 1.39 0.00	44.64 1.72 0.00	43.32 1.55 0.00	39.53 1.41 0.00	35.88 1.21 0.00	34.72 1.27 0.00	31.89 1.17 0.00	30.39 1.05 0.00
CRESCENT___HYD 24018	34.92 1.28 0.00	32.33 1.18 0.00	31.63 1.19 0.00	31.21 1.14 0.00	31.11 1.14 0.00	33.47 1.26 0.00	41.45 1.75 0.00	45.07 2.10 0.00	45.81 2.15 -0.65	45.48 2.12 0.00	43.43 1.71 0.00	42.69 1.64 0.00	41.68 1.60 0.00	41.44 1.58 0.00	42.12 1.62 0.00	42.41 1.67 0.00	44.81 1.89 0.00	43.49 1.71 0.00	39.76 1.64 0.00	36.16 1.49 0.00	34.95 1.51 0.00	32.10 1.38 0.00	30.72 1.38 0.00	
CRICKET___VALLEY_CC1 323756	35.09 1.45 0.00	32.49 1.34 0.00	31.82 1.37 0.00	31.39 1.32 0.00	31.26 1.29 0.00	33.66 1.45 0.00	41.65 1.95 0.00	45.50 2.53 0.00	46.14 2.58 -0.55	46.00 2.65 0.00	43.76 2.04 0.00	42.98 1.93 0.00	41.92 1.84 0.00	41.68 1.83 0.00	41.37 1.89 0.00	42.44 1.94 0.00	42.65 1.92 0.00	45.19 2.27 0.00	43.82 2.05 0.00	40.03 1.91 0.00	36.33 1.66 0.00	35.15 1.70 0.00	32.35 1.63 0.00	30.86 1.52 0.00
CRICKET___VALLEY_CC2 323757	35.09 1.45 0.00	32.49 1.34 0.00	31.82 1.37 0.00	31.39 1.32 0.00	31.26 1.29 0.00	33.66 1.45 0.00	41.65 1.95 0.00	45.50 2.53 0.00	46.14 2.58 -0.55	46.00 2.65 0.00	43.76 2.04 0.00	42.98 1.93 0.00	41.92 1.84 0.00	41.68 1.83 0.00	41.37 1.89 0.00	42.44 1.94 0.00	42.65 1.92 0.00	45.19 2.27 0.00	43.82 2.05 0.00	40.03 1.91 0.00	36.33 1.66 0.00	35.15 1.70 0.00	32.35 1.63 0.00	30.86 1.52 0.00
CRICKET___VALLEY_CC3 323758	35.09 1.45 0.00	32.49 1.34 0.00	31.82 1.37 0.00	31.39 1.32 0.00	31.26 1.29 0.00	33.66 1.45 0.00	41.65 1.95 0.00	45.50 2.53 0.00	46.14 2.58 -0.55	46.00 2.65 0.00	43.76 2.04 0.00	42.98 1.93 0.00	41.92 1.84 0.00	41.68 1.83 0.00	41.37 1.89 0.00	42.44 1.94 0.00	42.65 1.92 0.00	45.19 2.27 0.00	43.82 2.05 0.00	40.03 1.91 0.00	36.33 1.66 0.00	35.15 1.70 0.00	32.35 1.63 0.00	30.86 1.52 0.00
CRUCIBLE_METL_DRP 24180	33.14 -0.50 0.00	30.65 -0.50 0.00	29.93 -0.52 0.00	29.56 -0.51 0.00	29.52 -0.45 0.00	31.76 -0.45 0.00	39.07 -0.64 0.00	42.36 -0.60 0.00	42.42 -0.65 -0.05	42.54 -0.82 0.00	40.97 -0.75 0.00	40.35 -0.70 0.00	39.43 -0.64 0.00	39.21 -0.64 0.00	38.84 -0.63 0.00	39.85 -0.65 0.00	40.01 -0.73 0.00	42.32 -0.60 0.00	41.15 -0.63 0.00	37.59 -0.53 0.00	34.18 -0.49 0.00	32.98 -0.47 0.00	30.23 -0.49 0.00	28.90 -0.44 0.00
DAHOWA___HYDRO 323763	35.06 1.41 0.00	32.43 1.28 0.00	31.72 1.28 0.00	31.30 1.23 0.00	31.17 1.20 0.00	33.60 1.38 0.00	41.69 1.98 0.00	45.33 2.36 0.00	46.12 2.45 -0.66	45.70 2.34 0.00	43.76 2.04 0.00	43.02 1.97 0.00	41.96 1.88 0.00	41.72 1.87 0.00	41.29 1.82 0.00	42.36 1.86 0.00	42.78 2.04 0.00	45.24 2.32 0.00	43.78 2.01 0.00	39.99 1.87 0.00	36.40 1.73 0.00	35.22 1.77 0.00	32.25 1.54 0.00	31.25 1.91 0.00
DANC___LFGE 323619	33.31 -0.34 0.00	30.81 -0.34 0.00	30.05 -0.40 0.00	29.74 -0.33 0.00	29.64 -0.33 0.00	31.89 -0.32 0.00	39.39 -0.32 0.00	42.75 -0.21 0.00	42.69 -0.35 -0.03	43.01 -0.35 0.00	41.26 -0.46 0.00	40.60 -0.45 0.00	39.75 -0.32 0.00	39.57 -0.28 0.00	39.20 -0.27 0.00	40.25 -0.24 0.00	40.62 -0.12 0.00	42.92 0.00 0.00	41.69 -0.08 0.00	37.97 -0.15 0.00	34.50 -0.17 0.00	33.18 -0.27 0.00	30.32 -0.40 0.00	28.90 -0.44 0.00
DANSKAMMER___1 23586	35.29 1.65 0.00	32.65 1.50 0.00	31.97 1.52 0.00	31.54 1.47 0.00	31.41 1.44 0.00	33.82 1.61 0.00	41.89 2.18 0.00	45.80 2.83 0.00	46.46 2.93 -0.52	46.26 2.91 0.00	44.09 2.38 0.00	43.31 2.26 0.00	42.23 2.16 0.00	41.96 2.11 0.00	41.68 2.21 0.00	42.80 2.31 0.00	43.06 2.32 0.00	45.63 2.71 0.00	44.32 2.55 0.00	40.37 2.25 0.00	36.61 1.94 0.00	35.42 1.97 0.00	32.50 1.78 0.00	30.95 1.61 0.00
DANSKAMMER___2 23589	35.29 1.65 0.00	32.65 1.50 0.00	31.97 1.52 0.00	31.54 1.47 0.00	31.41 1.44 0.00	33.82 1.61 0.00	41.89 2.18 0.00	45.80 2.83 0.00	46.46 2.93 -0.52	46.26 2.91 0.00	44.09 2.38 0.00	43.31 2.26 0.00	42.23 2.16 0.00	41.96 2.11 0.00	41.68 2.21 0.00	42.80 2.31 0.00	43.06 2.32 0.00	45.63 2.71 0.00	44.32 2.55 0.00	40.37 2.25 0.00	36.61 1.94 0.00	35.42 1.97 0.00	32.50 1.78 0.00	30.95 1.61 0.00
DANSKAMMER___3 23590	35.29 1.65 0.00	32.65 1.50 0.00	31.97 1.52 0.00	31.54 1.47 0.00	31.41 1.44 0.00	33.82 1.61 0.00	41.89 2.18 0.00	45.80 2.83 0.00	46.46 2.93 -0.52	46.26 2.91 0.00	44.09 2.38 0.00	43.31 2.26 0.00	42.23 2.16 0.00	41.96 2.11 0.00	41.68 2.21 0.00	42.80 2.31 0.00	43.06 2.32 0.00	45.63 2.71 0.00	44.32 2.55 0.00	40.37 2.25 0.00	36.61 1.94 0.00	35.42 1.97 0.00	32.50 1.78 0.00	30.95 1.61 0.00

DANSKAMMER___4 23591	35.29 1.65 0.00	32.65 1.50 0.00	31.97 1.52 0.00	31.54 1.47 0.00	31.41 1.44 0.00	33.82 1.61 0.00	41.89 2.18 0.00	45.80 2.83 0.00	46.46 2.93 -0.52	46.26 2.91 0.00	44.09 2.38 0.00	43.31 2.26 0.00	42.23 2.16 0.00	41.96 2.11 0.00	41.68 2.21 0.00	42.80 2.31 0.00	43.06 2.32 0.00	45.63 2.71 0.00	44.32 2.55 0.00	40.37 2.25 0.00	36.61 1.94 0.00	35.42 1.97 0.00	32.50 1.78 0.00	30.95 1.61 0.00
DANSKAMMER___DIESEL 23592	35.29 1.65 0.00	32.68 1.53 0.00	31.97 1.52 0.00	31.54 1.47 0.00	31.41 1.44 0.00	33.82 1.61 0.00	41.89 2.18 0.00	45.84 2.88 0.00	46.46 2.92 -0.52	45.87 2.51 0.00	44.09 2.38 0.00	43.35 2.30 0.00	42.24 2.16 0.00	41.96 2.11 0.00	41.68 2.21 0.00	42.89 2.39 0.00	43.18 2.44 0.00	45.58 2.66 0.00	44.32 2.55 0.00	40.37 2.25 0.00	36.61 1.94 0.00	35.25 1.81 0.00	32.50 1.78 0.00	30.95 1.61 0.00
DARBY___SOLAR 323810	35.02 1.38 0.00	32.43 1.28 0.00	31.72 1.28 0.00	31.30 1.23 0.00	31.14 1.17 0.00	33.57 1.35 0.00	41.65 1.95 0.00	45.28 2.32 0.00	46.07 2.41 -0.66	45.66 2.30 0.00	43.72 2.00 0.00	43.02 1.97 0.00	41.92 1.84 0.00	41.68 1.83 0.00	41.25 1.78 0.00	42.32 1.82 0.00	42.74 2.00 0.00	45.15 2.23 0.00	43.70 1.92 0.00	39.95 1.83 0.00	36.33 1.66 0.00	35.19 1.74 0.00	32.25 1.54 0.00	31.13 1.79 0.00
DASHVILLE___HYD 23610	34.92 1.28 0.00	32.30 1.15 0.00	31.63 1.19 0.00	31.21 1.14 0.00	31.05 1.08 0.00	33.47 1.26 0.00	41.37 1.67 0.00	45.33 2.36 0.00	45.48 1.94 -0.54	45.35 1.99 0.00	43.55 1.84 0.00	42.81 1.77 0.00	41.71 1.64 0.00	41.48 1.63 0.00	41.17 1.70 0.00	42.40 1.90 0.00	42.74 2.00 0.00	45.07 2.15 0.00	43.86 2.09 0.00	39.91 1.79 0.00	36.13 1.46 0.00	34.82 1.37 0.00	32.13 1.41 0.00	30.60 1.26 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	47.85 3.60 -10.60	42.09 3.27 -7.67	37.72 3.23 -4.05	39.84 3.16 -6.61	41.49 3.15 -8.37	45.25 3.51 -9.53	56.57 4.69 -12.18	59.84 5.80 -11.07	58.81 5.76 -10.04	55.11 4.86 -6.89	46.97 5.13 -0.12	47.26 5.01 -1.20	46.04 5.05 -0.92	45.68 4.90 -0.93	46.48 5.09 -1.91	46.53 5.26 -0.76	49.34 5.46 -3.14	58.52 5.84 -9.76	54.35 5.60 -6.98	48.86 5.15 -5.59	45.09 4.37 -6.05	42.55 3.98 -5.12	41.10 3.72 -6.67	34.41 3.32 -1.75
DELAWARE___LFGE 323621	34.69 1.04 0.00	32.12 0.97 0.00	31.39 0.94 0.00	31.00 0.93 0.00	30.90 0.93 0.00	33.28 1.06 0.00	41.14 1.43 0.00	44.77 1.80 0.00	44.91 1.68 -0.23	44.83 1.47 0.00	43.18 1.46 0.00	42.44 1.40 0.00	41.43 1.36 0.00	41.20 1.35 0.00	40.81 1.34 0.00	41.87 1.38 0.00	42.17 1.43 0.00	44.55 1.63 0.00	43.28 1.50 0.00	39.46 1.33 0.00	35.85 1.18 0.00	34.62 1.17 0.00	31.73 1.01 0.00	30.25 0.91 0.00
DERFIELD_115KV_TB7 355931	33.81 0.17 0.00	31.31 0.16 0.00	30.60 0.15 0.00	30.22 0.15 0.00	30.09 0.12 0.00	32.37 0.16 0.00	39.98 0.28 0.00	43.35 0.39 0.00	43.39 0.39 0.00	43.62 0.26 0.00	41.97 0.25 0.00	41.30 0.25 0.00	40.31 0.24 0.00	40.09 0.24 0.00	39.71 0.24 0.00	40.78 0.28 0.00	41.02 0.29 0.00	43.22 0.30 0.00	42.07 0.29 0.00	38.39 0.27 0.00	34.91 0.24 0.00	33.68 0.23 0.00	30.93 0.22 0.00	29.52 0.18 0.00
DOGLEVILLE___HYD 23807	34.42 0.77 0.00	31.83 0.68 0.00	31.02 0.58 0.00	30.58 0.51 0.00	30.36 0.39 0.00	32.57 0.35 0.00	40.14 0.44 0.00	43.39 0.43 0.00	43.39 0.39 0.00	43.79 0.43 0.00	42.05 0.33 0.00	41.34 0.29 0.00	40.47 0.40 0.00	40.25 0.40 0.00	39.87 0.39 0.00	40.90 0.40 0.00	41.11 0.37 0.00	43.39 0.47 0.00	42.19 0.42 0.00	38.50 0.38 0.00	35.05 0.38 0.00	33.92 0.47 0.00	31.12 0.40 0.00	29.69 0.35 0.00
DUNKIRK___115KV_TB_200 55889	32.20 -1.45 0.00	29.72 -1.43 0.00	28.98 -1.46 0.00	28.54 -1.53 0.00	28.56 -1.41 0.00	30.70 -1.51 0.00	36.65 -3.06 0.00	39.27 -3.69 0.00	38.70 -4.39 -0.08	38.59 -4.77 0.00	37.25 -4.46 0.00	36.82 -4.23 0.00	36.14 -3.93 0.00	35.90 -3.95 0.00	35.49 -3.99 0.00	36.28 -4.21 0.00	36.26 -4.48 0.00	39.02 -3.91 0.00	38.01 -3.76 0.00	34.84 -3.28 0.00	31.76 -2.91 0.00	31.17 -2.27 0.00	28.32 -2.40 0.00	27.61 -1.73 0.00
DUNKIRK___1 23563	32.20 -1.45 0.00	29.72 -1.43 0.00	28.98 -1.46 0.00	28.54 -1.53 0.00	28.56 -1.41 0.00	30.70 -1.51 0.00	36.65 -3.06 0.00	39.27 -3.69 0.00	38.70 -4.39 -0.08	38.59 -4.77 0.00	37.25 -4.46 0.00	36.82 -4.23 0.00	36.14 -3.93 0.00	35.90 -3.95 0.00	35.49 -3.99 0.00	36.28 -4.21 0.00	36.26 -4.48 0.00	39.02 -3.91 0.00	38.01 -3.76 0.00	34.84 -3.28 0.00	31.76 -2.91 0.00	31.17 -2.27 0.00	28.32 -2.40 0.00	27.61 -1.73 0.00
DUNKIRK___2 23564	32.20 -1.45 0.00	29.72 -1.43 0.00	28.98 -1.46 0.00	28.54 -1.53 0.00	28.56 -1.41 0.00	30.70 -1.51 0.00	36.65 -3.06 0.00	39.27 -3.69 0.00	38.70 -4.39 -0.08	38.59 -4.77 0.00	37.25 -4.46 0.00	36.82 -4.23 0.00	36.14 -3.93 0.00	35.90 -3.95 0.00	35.49 -3.99 0.00	36.28 -4.21 0.00	36.26 -4.48 0.00	39.02 -3.91 0.00	38.01 -3.76 0.00	34.84 -3.28 0.00	31.76 -2.91 0.00	31.17 -2.27 0.00	28.32 -2.40 0.00	27.61 -1.73 0.00
DUNKIRK___3 23565	32.10 -1.55 0.00	29.66 -1.50 0.00	28.95 -1.49 0.00	28.51 -1.56 0.00	28.53 -1.44 0.00	30.67 -1.55 0.00	36.65 -3.06 0.00	39.27 -3.69 0.00	38.65 -4.43 -0.08	38.59 -4.77 0.00	37.25 -4.46 0.00	36.86 -4.19 0.00	36.14 -3.93 0.00	35.90 -3.95 0.00	35.49 -3.99 0.00	36.33 -4.17 0.00	36.30 -4.44 0.00	39.02 -3.91 0.00	38.01 -3.76 0.00	34.84 -3.28 0.00	31.76 -2.91 0.00	31.17 -2.27 0.00	28.32 -2.40 0.00	27.58 -1.76 0.00
DUNKIRK___4 23566	32.10 -1.55 0.00	29.66 -1.50 0.00	28.92 -1.52 0.00	28.48 -1.59 0.00	28.50 -1.47 0.00	30.64 -1.58 0.00	36.57 -3.14 0.00	39.18 -3.78 0.00	38.61 -4.47 -0.07	38.50 -4.86 0.00	37.17 -4.55 0.00	36.78 -4.27 0.00	36.06 -4.01 0.00	35.82 -4.02 0.00	35.41 -4.07 0.00	36.24 -4.25 0.00	36.18 -4.56 0.00	38.93 -3.99 0.00	37.93 -3.84 0.00	34.77 -3.35 0.00	31.69 -2.98 0.00	31.14 -2.31 0.00	28.26 -2.46 0.00	27.55 -1.79 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.12 1.48 0.00	32.58 1.43 0.00	31.88 1.43 0.00	31.45 1.38 0.00	31.29 1.32 0.00	33.73 1.51 0.00	41.77 2.06 0.00	45.89 2.92 0.00	46.45 2.92 -0.52	45.92 2.56 0.00	44.14 2.42 0.00	43.43 2.38 0.00	42.32 2.24 0.00	42.08 2.23 0.00	41.80 2.33 0.00	43.01 2.51 0.00	43.31 2.57 0.00	45.67 2.75 0.00	44.32 2.55 0.00	40.45 2.33 0.00	36.68 2.01 0.00	35.39 1.94 0.00	32.59 1.87 0.00	31.01 1.67 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.99 1.35 0.00	32.40 1.25 0.00	31.69 1.25 0.00	31.27 1.20 0.00	31.14 1.17 0.00	33.53 1.32 0.00	41.49 1.79 0.00	45.41 2.45 0.00	45.97 2.45 -0.51	45.48 2.12 0.00	43.72 2.00 0.00	42.98 1.93 0.00	41.88 1.80 0.00	41.64 1.79 0.00	41.33 1.86 0.00	42.52 2.02 0.00	42.86 2.12 0.00	45.20 2.27 0.00	43.95 2.17 0.00	40.07 1.94 0.00	36.33 1.66 0.00	34.99 1.54 0.00	32.29 1.57 0.00	30.75 1.41 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	35.43 1.78 0.00	32.86 1.71 0.00	32.12 1.67 0.00	31.63 1.56 0.00	31.59 1.62 0.00	33.89 1.68 0.00	41.89 2.18 0.00	46.06 3.09 0.00	46.54 3.01 -0.52	45.96 2.60 0.00	44.14 2.42 0.00	43.47 2.42 0.00	42.36 2.28 0.00	42.16 2.31 0.00	41.88 2.41 0.00	43.09 2.59 0.00	43.35 2.61 0.00	45.71 2.79 0.00	44.32 2.55 0.00	40.52 2.40 0.00	36.72 2.05 0.00	35.65 2.21 0.00	32.88 2.15 -0.01	31.31 1.97 -0.01
E179THST_13_KV_LOAD 356214	35.56 1.92 0.00	32.96 1.81 0.00	32.24 1.80 0.00	31.73 1.65 0.00	31.71 1.74 0.00	33.99 1.77 0.00	42.05 2.34 0.00	46.23 3.27 0.00	46.71 3.18 -0.52	46.18 2.82 0.00	44.34 2.63 0.00	43.68 2.63 0.00	42.56 2.48 0.00	42.32 2.47 0.00	42.08 2.61 0.00	43.29 2.79 0.00	43.55 2.81 0.00	45.93 3.00 0.00	44.53 2.76 0.00	40.71 2.59 0.00	36.89 2.22 0.00	35.82 2.37 0.00	33.00 2.27 -0.01	31.43 2.08 -0.01
EAST HAMPTON___GT 23717	48.22 3.97 -10.61	42.41 3.58 -7.68	38.07 3.56 -4.06	40.18 3.49 -6.62	41.83 3.48 -8.38	45.61 3.86 -9.54	57.02 5.12 -12.19	60.32 6.27 -11.08	59.33 6.28 -10.05	56.11 5.85 -6.90	47.56 5.72 -0.13	47.71 5.46 -1.20	46.49 5.49 -0.93	46.16 5.38 -0.93	46.96 5.57 -1.92	46.98 5.71 -0.77	49.71 5.83 -3.15	59.21 6.52 -9.77	54.90 6.14 -6.99	49.36 5.64 -5.60	45.44 4.71 -6.06	43.03 4.45 -5.13	41.42 4.02 -6.68	34.71 3.61 -1.76
EAST RIVER___6 23660	35.06 1.41 0.00	32.49 1.34 0.00	31.85 1.40 0.00	31.39 1.32 0.00	31.23 1.26 0.00	33.66 1.45 0.00	41.73 2.02 0.00	45.89 2.92 0.00	46.62 3.10 -0.52	46.52 3.16 0.00	44.26 2.55 0.00	43.55 2.50 0.00	42.48 2.40 0.00	42.24 2.39 0.00	41.96 2.49 0.00	43.09 2.59 0.00	43.23 2.49 0.00	45.84 2.92 0.00	44.41 2.63 0.00	40.56 2.44 0.00	36.71 2.05 0.00	35.59 2.14 0.00	32.66 1.94 0.00	30.98 1.64 0.00
EAST RIVER___7 23524	35.06 1.41 0.00	32.49 1.34 0.00	31.85 1.40 0.00	31.39 1.32 0.00	31.23 1.26 0.00	33.66 1.45 0.00	41.73 2.02 0.00	45.89 2.92 0.00	46.62 3.10 -0.52	46.52 3.16 0.00	44.26 2.55 0.00	43.55 2.50 0.00	42.48 2.40 0.00	42.24 2.39 0.00	41.96 2.49 0.00	43.09 2.59 0.00	43.23 2.49 0.00	45.84 2.92 0.00	44.41 2.63 0.00	40.56 2.44 0.00	36.71 2.05 0.00	35.59 2.14 0.00	32.66 1.94 0.00	30.98 1.64 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.09 1.45 0.00	32.52 1.37 0.00	31.85 1.40 0.00	31.39 1.32 0.00	31.26 1.29 0.00	33.66 1.45 0.00	41.73 2.03 0.00	45.76 2.79 0.00	46.36 2.84 -0.52	45.83 2.47 0.00	44.01 2.29 0.00	43.35 2.30 0.00	42.24 2.16 0.00	42.00 2.15 0.00	41.72 2.25 0.00	42.89 2.39 0.00	43.18 2.44 0.00	45.54 2.62 0.00	44.20 2.42 0.00	40.37 2.25 0.00	36.61 1.94 0.00	35.32 1.87 0.00	32.53 1.81 0.00	30.95 1.61 0.00
EAST_HAMPTON___DIESEL 23722	48.26 4.00 -10.61	42.44 3.61 -7.68	38.07 3.56 -4.06	40.18 3.49 -6.62	41.83 3.48 -8.38	45.61 3.86 -9.54	57.02 5.12 -12.19	60.32 6.27 -11.08	59.33 6.28 -10.05	56.16 5.90 -6.90	47.56 5.72 -0.13	47.75 5.50 -1.20	46.53 5.53 -0.93	46.20 5.42 -0.93	46.96 5.57 -1.92	46.98 5.71 -0.77	49.71 5.83 -3.15	59.21 6.52 -9.77	54.90 6.14 -6.99	49.36 5.64 -5.60	45.44 4.71 -6.06	43.06 4.48 -5.13	41.42 4.02 -6.68	34.71 3.61 -1.76
EAST_PULASKI___ESR 323781	32.97 -0.67 0.00	30.46 -0.69 0.00	29.77 -0.67 0.00	29.44 -0.63 0.00	29.37 -0.60 0.00	31.57 -0.64 0.00	38.87 -0.83 0.00	42.19 -0.77 0.00	42.23 -0.82 -0.04	42.36 -1.00 0.00	40.80 -0.92 0.00	40.15 -0.90 0.00	39.31 -0.76 0.00	39.09 -0.76 0.00	38.76 -0.71 0.00	39.77 -0.73 0.00	40.01 -0.73 0.00	42.32 -0.60 0.00	41.15 -0.63 0.00	37.55 -0.57 0.00	34.11 -0.55 0.00	32.88 -0.57 0.00	30.07 -0.65 0.00	28.72 -0.62 0.00
EAST_RIVER___1 323558	35.19 1.55 0.00	32.58 1.43 0.00	31.94 1.49 0.00	31.48 1.41 0.00	31.35 1.38 0.00	33.79 1.58 0.00	41.85 2.14 0.00	45.93 2.96 0.00	46.66 3.14 -0.52	46.57 3.21 0.00	44.26 2.55 0.00	43.55 2.50 0.00	42.48 2.40 0.00	42.24 2.39 0.00	41.96 2.49 0.00	43.09 2.59 0.00	43.23 2.49 0.00	45.84 2.92 0.00	44.41 2.63 0.00	40.60 2.48 0.00	36.75 2.08 0.00	35.62 2.17 0.00	32.71 2.00 0.00	31.07 1.73 0.00
EAST_RIVER___2 323559	35.06 1.41 0.00	32.49 1.34 0.00	31.85 1.40 0.00	31.39 1.32 0.00	31.23 1.26 0.00	33.66 1.45 0.00	41.73 2.02 0.00	45.89 2.92 0.00	46.62 3.10 -0.52	46.52 3.16 0.00	44.26 2.55 0.00	43.55 2.50 0.00	42.48 2.40 0.00	42.24 2.39 0.00	41.96 2.49 0.00	43.09 2.59 0.00	43.23 2.49 0.00	45.84 2.92 0.00	44.41 2.63 0.00	40.56 2.44 0.00	36.71 2.05 0.00	35.59 2.14 0.00	32.66 1.94 0.00	30.98 1.64 0.00
EAST___DELAWARE_HYD 23607	34.99 1.35 0.00	32.33 1.18 0.00	31.66 1.22 0.00	31.28 1.20 0.00	31.11 1.14 0.00	33.54 1.32 0.00	41.53 1.83 0.00	45.37 2.40 0.00	45.93 2.45 -0.47	45.79 2.43 0.00	43.64 1.92 0.00	42.90 1.85 0.00	41.75 1.68 0.00	41.52 1.67 0.00	41.25 1.78 0.00	42.44 1.94 0.00	42.74 2.00 0.00	45.28 2.36 0.00	44.03 2.25 0.00	40.03 1.91 0.00	36.19 1.52 0.00	35.02 1.57 0.00	32.10 1.38 0.00	30.54 1.20 0.00
EIGHT_POINT___WT_PWR 323820	33.48 -0.17 0.00	30.96 -0.19 0.00	30.11 -0.33 0.00	29.62 -0.45 0.00	29.64 -0.33 0.00	31.89 -0.32 0.00	38.55 -1.15 0.00	41.72 -1.25 0.00	41.22 -1.89 -0.10	41.76 -1.60 0.00	39.76 -1.96 0.00	39.33 -1.72 0.00	38.43 -1.64 0.00	38.18 -1.67 0.00	37.78 -1.70 0.00	38.83 -1.66 0.00	39.19 -1.55 0.00	41.59 -1.33 0.00	40.06 -1.71 0.00	36.67 -1.45 0.00	33.28 -1.39 0.00	31.94 -1.50 0.00	29.43 -1.29 0.00	28.37 -0.97 0.00
ELBRIDGE_115KV_TB2 80188	32.94 -0.71 0.00	30.50 -0.65 0.00	29.77 -0.67 0.00	29.41 -0.66 0.00	29.37 -0.60 0.00	31.60 -0.61 0.00	38.83 -0.87 0.00	42.15 -0.82 0.00	42.20 -0.86 -0.06	42.32 -1.04 0.00	40.76 -0.96 0.00	40.11 -0.94 0.00	39.19 -0.88 0.00	38.97 -0.88 0.00	38.60 -0.87 0.00	39.61 -0.89 0.00	39.80 -0.94 0.00	42.11 -0.82 0.00	40.90 -0.88 0.00	37.36 -0.76 0.00	33.98 -0.69 0.00	32.81 -0.64 0.00	30.04 -0.68 0.00	28.72 -0.62 0.00
ELEC_TRO_TEK 24086	46.27 2.02 -10.60	40.72 1.90 -7.67	36.38 1.89 -4.05	38.52 1.83 -6.61	40.14 1.80 -8.37	43.74 2.00 -9.53	54.54 2.66 -12.18	57.56 3.52 -11.07	56.62 3.57 -10.04	53.42 3.17 -6.89	44.84 3.00 -0.12	45.24 3.00 -1.20	43.83 2.85 -0.92	43.60 2.83 -0.93	44.31 2.92 -1.91	44.38 3.12 -0.76	47.02 3.14 -3.14	56.02 3.35 -9.75	51.92 3.17 -6.97	46.60 2.90 -5.58	43.25 2.53 -6.05	40.98 2.41 -5.12	39.72 2.33 -6.67	33.21 2.11 -1.75
ELLENBURG_WT_PWR 323604	35.09 1.45 0.00	32.46 1.31 0.00	31.66 1.22 0.00	31.28 1.20 0.00	31.17 1.20 0.00	33.08 0.87 0.00	40.74 1.03 0.00	44.04 1.07 0.00	43.78 0.77 0.00	44.14 0.78 0.00	42.88 1.17 0.00	42.11 1.07 0.00	40.99 0.92 0.00	40.77 0.92 0.00	40.22 0.75 0.00	40.98 0.49 0.00	41.15 0.41 0.00	42.96 0.04 0.00	41.73 -0.04 0.00	37.70 -0.42 0.00	34.01 -0.66 0.00	32.71 -0.74 0.00	29.80 -0.92 0.00	28.72 -0.62 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.52 -2.12 0.00	29.19 -1.96 0.00	28.50 -1.95 0.00	28.06 -2.01 0.00	28.11 -1.86 0.00	30.22 -2.00 0.00	36.01 -3.69 0.00	38.58 -4.38 0.00	38.13 -4.95 -0.07	37.98 -5.38 0.00	36.63 -5.09 0.00	36.21 -4.84 0.00	35.58 -4.49 0.00	35.35 -4.50 0.00	34.93 -4.54 0.00	35.72 -4.78 0.00	35.69 -5.05 0.00	38.37 -4.55 0.00	37.43 -4.34 0.00	34.31 -3.81 0.00	31.31 -3.36 0.00	30.80 -2.64 0.00	27.92 -2.80 0.00	27.20 -2.14 0.00
EMPIRE_CC_1 323656	34.65 1.01 0.00	32.12 0.97 0.00	31.42 0.97 0.00	31.03 0.96 0.00	30.90 0.93 0.00	33.24 1.03 0.00	41.13 1.43 0.00	44.64 1.67 0.00	45.35 1.72 -0.62	45.10 1.74 0.00	42.93 1.21 0.00	42.20 1.15 0.00	41.19 1.12 0.00	40.92 1.08 0.00	40.58 1.10 0.00	41.63 1.13 0.00	41.84 1.10 0.00	44.17 1.25 0.00	42.86 1.08 0.00	39.26 1.14 0.00	35.75 1.08 0.00	34.52 1.07 0.00	31.86 1.14 0.00	30.39 1.05 0.00
EMPIRE_CC_2 323658	34.65 1.01 0.00	32.12 0.97 0.00	31.42 0.97 0.00	31.03 0.96 0.00	30.90 0.93 0.00	33.24 1.03 0.00	41.13 1.43 0.00	44.64 1.67 0.00	45.35 1.72 -0.62	45.10 1.74 0.00	42.93 1.21 0.00	42.20 1.15 0.00	41.19 1.12 0.00	40.92 1.08 0.00	40.58 1.10 0.00	41.63 1.13 0.00	41.84 1.10 0.00	44.17 1.25 0.00	42.86 1.08 0.00	39.26 1.14 0.00	35.75 1.08 0.00	34.52 1.07 0.00	31.86 1.14 0.00	30.39 1.05 0.00
ENORWICH_115KV_TB1 80156	36.57 2.93 0.00	33.70 2.55 0.00	32.88 2.44 0.00	32.48 2.41 0.00	32.37 2.40 0.00	34.92 2.71 0.00	43.24 3.53 0.00	46.96 4.00 0.00	46.57 3.40 -0.16	46.48 3.12 0.00	44.72 3.00 0.00	43.84 2.79 0.00	42.88 2.81 0.00	42.60 2.75 0.00	42.16 2.68 0.00	43.21 2.71 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.78 3.01 0.00	40.75 2.63 0.00	36.99 2.32 0.00	35.72 2.27 0.00	32.50 1.78 0.00	30.81 1.47 0.00
ERIE_ST__34_KV_TB1-2 80199	32.26 -1.38 0.00	29.84 -1.31 0.00	29.14 -1.31 0.00	28.69 -1.38 0.00	28.74 -1.23 0.00	30.89 -1.32 0.00	36.89 -2.82 0.00	39.61 -3.35 0.00	38.61 -4.47 -0.07	38.89 -4.47 0.00	37.59 -4.13 0.00	37.19 -3.86 0.00	36.51 -3.57 0.00	36.26 -3.59 0.00	35.84 -3.63 0.00	36.65 -3.85 0.00	36.62 -4.11 0.00	39.40 -3.52 0.00	38.35 -3.43 0.00	35.15 -2.97 0.00	32.03 -2.63 0.00	31.44 -2.01 0.00	28.51 -2.21 0.00	27.73 -1.61 0.00
ERIE_WT_PWR 323693	31.86 -1.78 0.00	29.59 -1.56 0.00	28.77 -1.67 0.00	28.33 -1.74 0.00	28.38 -1.59 0.00	30.51 -1.71 0.00	36.37 -3.34 0.00	39.01 -3.95 0.00	38.43 -4.65 -0.07	39.02 -4.34 0.00	36.92 -4.80 0.00	36.74 -4.31 0.00	35.95 -4.13 0.00	35.70 -4.15 0.00	35.29 -4.19 0.00	36.45 -4.05 0.00	36.83 -3.91 0.00	39.06 -3.86 0.00	37.80 -3.97 0.00	34.65 -3.47 0.00	31.62 -3.05 0.00	30.37 -3.08 0.00	28.17 -2.55 0.00	27.40 -1.94 0.00
ESPRGFLD_115KV_TB1 80157	35.36 1.72 0.00	32.71 1.56 0.00	31.97 1.52 0.00	31.57 1.50 0.00	31.50 1.53 0.00	34.02 1.80 0.00	42.21 2.50 0.00	45.80 2.84 0.00	45.68 2.67 -0.01	45.74 2.38 0.00	44.09 2.38 0.00	43.22 2.18 0.00	42.32 2.24 0.00	42.16 2.31 0.00	41.76 2.29 0.00	42.89 2.39 0.00	43.18 2.44 0.00	45.71 2.79 0.00	44.32 2.55 0.00	40.37 2.25 0.00	36.65 1.98 0.00	35.35 1.91 0.00	32.32 1.60 0.00	30.75 1.41 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.08 0.44 0.00	31.52 0.37 0.00	30.78 0.33 0.00	30.37 0.30 0.00	30.33 0.36 0.00	32.70 0.48 0.00	40.22 0.52 0.00	43.74 0.77 0.00	43.68 0.56 -0.12	43.71 0.35 0.00	42.09 0.38 0.00	41.46 0.41 0.00	40.51 0.44 0.00	40.25 0.40 0.00	39.91 0.43 0.00	40.94 0.45 0.00	41.15 0.41 0.00	43.65 0.73 0.00	42.36 0.58 0.00	38.65 0.53 0.00	35.09 0.42 0.00	33.85 0.40 0.00	30.96 0.25 0.00	29.57 0.23 0.00
ETNA____115KV_TB2 80207	34.08 0.44 0.00	31.52 0.37 0.00	30.78 0.33 0.00	30.37 0.30 0.00	30.33 0.36 0.00	32.70 0.48 0.00	40.22 0.52 0.00	43.74 0.77 0.00	43.68 0.56 -0.12	43.71 0.35 0.00	42.09 0.38 0.00	41.46 0.41 0.00	40.51 0.44 0.00	40.25 0.40 0.00	39.91 0.43 0.00	40.94 0.45 0.00	41.15 0.41 0.00	43.65 0.73 0.00	42.36 0.58 0.00	38.65 0.53 0.00	35.09 0.42 0.00	33.85 0.40 0.00	30.96 0.25 0.00	29.57 0.23 0.00
EUCLID___115KV_TB2 356179	32.70 -0.94 0.00	30.28 -0.87 0.00	29.59 -0.85 0.00	29.23 -0.84 0.00	29.16 -0.81 0.00	31.38 -0.84 0.00	38.56 -1.15 0.00	41.80 -1.16 0.00	41.89 -1.16 -0.04	42.02 -1.34 0.00	40.42 -1.29 0.00	39.82 -1.23 0.00	38.91 -1.16 0.00	38.65 -1.20 0.00	38.33 -1.14 0.00	39.28 -1.21 0.00	39.48 -1.26 0.00	41.76 -1.16 0.00	40.65 -1.13 0.00	37.09 -1.03 0.00	33.77 -0.90 0.00	32.61 -0.84 0.00	29.89 -0.83 0.00	28.61 -0.73 0.00
E_CANADA_CAP_HY 24051	35.70 2.05 0.00	33.08 1.93 0.00	32.33 1.89 0.00	31.94 1.87 0.00	31.83 1.86 0.00	34.41 2.19 0.00	42.76 3.06 0.00	46.27 3.31 0.00	46.95 3.18 -0.76	46.39 3.03 0.00	44.43 2.71 0.00	43.51 2.46 0.00	42.76 2.69 0.00	42.60 2.75 0.00	42.23 2.76 0.00	43.41 2.92 0.00	43.71 2.97 0.00	46.31 3.39 0.00	44.78 3.01 0.00	40.79 2.67 0.00	37.10 2.43 0.00	35.86 2.41 0.00	32.75 2.03 0.00	31.16 1.82 0.00
E_CANADA_MHWK_HY 24050	34.42 0.77 0.00	31.83 0.68 0.00	31.02 0.58 0.00	30.58 0.51 0.00	30.36 0.39 0.00	32.57 0.35 0.00	40.14 0.44 0.00	43.39 0.43 0.00	43.39 0.39 0.00	43.79 0.43 0.00	42.05 0.33 0.00	41.34 0.29 0.00	40.47 0.40 0.00	40.25 0.40 0.00	39.87 0.39 0.00	40.90 0.40 0.00	41.11 0.37 0.00	43.39 0.47 0.00	42.19 0.42 0.00	38.50 0.38 0.00	35.05 0.38 0.00	33.92 0.47 0.00	31.12 0.40 0.00	29.69 0.35 0.00
E_FISHKILL___LBMP 23776	34.99 1.35 0.00	32.43 1.28 0.00	31.72 1.28 0.00	31.30 1.23 0.00	31.17 1.20 0.00	33.57 1.35 0.00	41.53 1.83 0.00	45.50 2.53 0.00	46.08 2.54 -0.54	45.57 2.21 0.00	43.76 2.04 0.00	43.02 1.97 0.00	41.96 1.88 0.00	41.72 1.87 0.00	41.41 1.93 0.00	42.60 2.11 0.00	42.86 2.12 0.00	45.20 2.27 0.00	43.90 2.13 0.00	40.10 1.98 0.00	36.37 1.70 0.00	35.09 1.64 0.00	32.35 1.63 0.00	30.81 1.47 0.00
FALCON___SEABRD_CC1 323796	35.56 1.92 0.00	32.92 1.77 0.00	32.09 1.64 0.00	31.72 1.65 0.00	31.62 1.65 0.00	33.37 1.16 0.00	41.10 1.39 0.00	44.51 1.54 0.00	44.17 1.16 0.00	44.53 1.17 0.00	43.30 1.58 0.00	42.45 1.40 0.00	41.32 1.24 0.00	41.12 1.27 0.00	40.54 1.07 0.00	41.31 0.81 0.00	41.47 0.73 0.00	43.26 0.34 0.00	42.11 0.33 0.00	38.01 -0.11 0.00	34.32 -0.35 0.00	32.98 -0.47 0.00	30.01 -0.71 0.00	29.14 -0.20 0.00
FALCON___SEABRD_CC2 323797	35.56 1.92 0.00	32.92 1.77 0.00	32.09 1.64 0.00	31.72 1.65 0.00	31.62 1.65 0.00	33.37 1.16 0.00	41.10 1.39 0.00	44.51 1.54 0.00	44.17 1.16 0.00	44.53 1.17 0.00	43.30 1.58 0.00	42.45 1.40 0.00	41.32 1.24 0.00	41.12 1.27 0.00	40.54 1.07 0.00	41.31 0.81 0.00	41.47 0.73 0.00	43.26 0.34 0.00	42.11 0.33 0.00	38.01 -0.11 0.00	34.32 -0.35 0.00	32.98 -0.47 0.00	30.01 -0.71 0.00	29.14 -0.20 0.00

FAR ROCKAWAY___4 23548	46.70 2.46 -10.60	41.09 2.27 -7.67	36.75 2.25 -4.05	38.85 2.17 -6.61	40.50 2.16 -8.37	44.13 2.38 -9.53	55.06 3.18 -12.18	58.16 4.12 -11.07	57.22 4.17 -10.04	54.02 3.77 -6.89	45.47 3.63 -0.12	45.86 3.61 -1.20	44.40 3.41 -0.92	44.12 3.35 -0.93	44.82 3.43 -1.91	44.91 3.64 -0.76	47.18 3.30 -3.14	56.28 3.61 -9.75	52.13 3.38 -6.97	46.83 3.13 -5.58	43.77 3.05 -6.05	41.45 2.88 -5.12	40.09 2.70 -6.67	33.56 2.46 -1.75
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.22 1.58 0.00	32.68 1.53 0.00	31.97 1.52 0.00	31.51 1.44 0.00	31.41 1.44 0.00	33.82 1.61 0.00	41.85 2.14 0.00	46.06 3.09 0.00	46.67 3.14 -0.52	46.13 2.77 0.00	44.30 2.59 0.00	43.64 2.59 0.00	42.52 2.44 0.00	42.28 2.43 0.00	42.00 2.53 0.00	43.21 2.71 0.00	43.51 2.77 0.00	45.80 2.88 0.00	44.41 2.63 0.00	40.60 2.48 0.00	36.78 2.11 0.00	35.55 2.11 0.00	32.78 2.06 0.00	31.13 1.79 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.22 1.58 0.00	32.68 1.53 0.00	32.00 1.55 0.00	31.54 1.47 0.00	31.41 1.44 0.00	33.82 1.61 0.00	41.89 2.18 0.00	46.06 3.09 0.00	46.67 3.14 -0.52	46.13 2.77 0.00	44.30 2.59 0.00	43.64 2.59 0.00	42.52 2.44 0.00	42.28 2.43 0.00	42.00 2.53 0.00	43.25 2.75 0.00	43.51 2.77 0.00	45.84 2.92 0.00	44.45 2.67 0.00	40.64 2.52 0.00	36.82 2.15 0.00	35.55 2.11 0.00	32.78 2.06 0.00	31.13 1.79 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.19 1.55 0.00	32.65 1.50 0.00	31.97 1.52 0.00	31.51 1.44 0.00	31.38 1.41 0.00	33.79 1.58 0.00	41.85 2.14 0.00	46.01 3.05 0.00	46.67 3.14 -0.52	46.09 2.73 0.00	44.26 2.54 0.00	43.59 2.55 0.00	42.48 2.40 0.00	42.24 2.39 0.00	41.96 2.49 0.00	43.21 2.71 0.00	43.47 2.73 0.00	45.80 2.88 0.00	44.41 2.63 0.00	40.60 2.48 0.00	36.78 2.11 0.00	35.49 2.04 0.00	32.75 2.03 0.00	31.10 1.76 0.00
FARRAGUT___LBMP 323566	35.19 1.55 0.00	32.65 1.50 0.00	31.94 1.49 0.00	31.48 1.41 0.00	31.38 1.41 0.00	33.76 1.55 0.00	41.81 2.10 0.00	46.01 3.05 0.00	46.62 3.10 -0.52	46.05 2.69 0.00	44.22 2.50 0.00	43.55 2.50 0.00	42.44 2.36 0.00	42.20 2.35 0.00	41.96 2.49 0.00	43.17 2.67 0.00	43.43 2.69 0.00	45.75 2.83 0.00	44.36 2.59 0.00	40.56 2.44 0.00	36.75 2.08 0.00	35.49 2.04 0.00	32.72 2.00 0.00	31.07 1.73 0.00
FENNER___WINDPWR 24204	34.21 0.57 0.00	31.65 0.50 0.00	30.93 0.49 0.00	30.55 0.48 0.00	30.48 0.51 0.00	32.86 0.64 0.00	40.54 0.84 0.00	43.99 1.03 0.00	44.02 0.94 -0.06	44.36 1.00 0.00	42.55 0.83 0.00	41.87 0.82 0.00	40.91 0.84 0.00	40.69 0.84 0.00	40.30 0.83 0.00	41.35 0.85 0.00	41.60 0.86 0.00	43.91 0.99 0.00	42.61 0.84 0.00	38.84 0.72 0.00	35.29 0.62 0.00	34.02 0.57 0.00	31.15 0.43 0.00	29.72 0.38 0.00
FIBERTEK___ENERGY 23856	33.14 -0.50 0.00	30.65 -0.50 0.00	29.93 -0.52 0.00	29.56 -0.51 0.00	29.52 -0.45 0.00	31.76 -0.45 0.00	39.07 -0.64 0.00	42.36 -0.60 0.00	42.42 -0.65 -0.05	42.54 -0.82 0.00	40.97 -0.75 0.00	40.35 -0.70 0.00	39.43 -0.64 0.00	39.21 -0.64 0.00	38.84 -0.63 0.00	39.85 -0.65 0.00	40.01 -0.73 0.00	42.32 -0.60 0.00	41.15 -0.63 0.00	37.59 -0.53 0.00	34.18 -0.49 0.00	32.98 -0.47 0.00	30.23 -0.49 0.00	28.90 -0.44 0.00
FITZPATRICK___ 23598	32.30 -1.35 0.00	29.90 -1.25 0.00	29.20 -1.25 0.00	28.87 -1.20 0.00	28.80 -1.17 0.00	30.92 -1.29 0.00	38.04 -1.67 0.00	41.24 -1.72 0.00	41.32 -1.72 -0.03	41.62 -1.74 0.00	39.92 -1.79 0.00	39.33 -1.72 0.00	38.39 -1.68 0.00	38.18 -1.67 0.00	37.82 -1.66 0.00	38.83 -1.66 0.00	39.07 -1.67 0.00	41.25 -1.67 0.00	40.06 -1.71 0.00	36.59 -1.53 0.00	33.28 -1.39 0.00	32.07 -1.37 0.00	29.46 -1.26 0.00	28.20 -1.14 0.00
FLOWRFLD_69_KV_BK1 356044	46.94 2.69 -10.60	41.31 2.49 -7.67	36.99 2.50 -4.05	39.09 2.41 -6.61	40.71 2.37 -8.37	44.38 2.64 -9.53	55.42 3.53 -12.18	58.55 4.51 -11.07	57.52 4.47 -10.04	54.20 3.95 -6.89	45.67 3.84 -0.12	46.02 3.78 -1.20	44.76 3.77 -0.92	44.52 3.75 -0.93	45.25 3.87 -1.91	45.31 4.05 -0.76	48.08 4.20 -3.14	57.19 4.51 -9.77	53.02 4.26 -6.99	47.61 3.89 -5.60	44.02 3.29 -6.05	41.72 3.14 -5.12	40.37 2.98 -6.67	33.76 2.67 -1.75
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.36 1.72 0.00	32.74 1.59 0.00	32.03 1.58 0.00	31.60 1.53 0.00	31.44 1.47 0.00	33.89 1.68 0.00	41.97 2.26 0.00	45.93 2.96 0.00	46.54 3.01 -0.53	46.00 2.64 0.00	44.18 2.46 0.00	43.43 2.38 0.00	42.32 2.24 0.00	42.04 2.19 0.00	41.72 2.25 0.00	42.97 2.47 0.00	43.27 2.53 0.00	45.67 2.75 0.00	44.41 2.63 0.00	40.45 2.33 0.00	36.65 1.98 0.00	35.29 1.84 0.00	32.53 1.81 0.00	30.98 1.64 0.00
FORT ORANGE___ 23900	34.42 0.77 0.00	31.93 0.78 0.00	31.27 0.82 0.00	30.85 0.78 0.00	30.72 0.75 0.00	33.02 0.81 0.00	40.90 1.19 0.00	44.43 1.46 0.00	45.11 1.46 -0.64	44.83 1.48 0.00	42.68 0.96 0.00	41.99 0.94 0.00	40.99 0.92 0.00	40.77 0.92 0.00	40.42 0.95 0.00	41.47 0.97 0.00	41.72 0.98 0.00	44.04 1.11 0.00	42.74 0.96 0.00	39.19 1.07 0.00	35.95 1.28 0.00	34.72 1.27 0.00	31.89 1.17 0.00	30.43 1.09 0.00
FORT_DRUM_COGEN 23780	33.81 0.17 0.00	31.21 0.06 0.00	30.48 0.03 0.00	30.16 0.09 0.00	30.06 0.09 0.00	32.41 0.19 0.00	40.14 0.44 0.00	43.61 0.64 0.00	43.38 0.34 -0.03	43.66 0.30 0.00	42.05 0.33 0.00	41.30 0.25 0.00	40.35 0.28 0.00	40.25 0.40 0.00	39.87 0.39 0.00	40.90 0.40 0.00	41.27 0.53 0.00	43.65 0.73 0.00	42.44 0.67 0.00	38.54 0.42 0.00	35.02 0.35 0.00	33.68 0.23 0.00	30.66 -0.06 0.00	29.16 -0.18 0.00
FOX_HILLS___ESR 323835	35.36 1.72 0.00	32.80 1.65 0.00	32.06 1.61 0.00	31.57 1.50 0.00	31.47 1.50 0.00	33.82 1.61 0.00	41.93 2.22 0.00	46.19 3.22 0.00	46.79 3.27 -0.52	46.22 2.86 0.00	44.34 2.63 0.00	43.72 2.67 0.00	42.60 2.52 0.00	42.36 2.51 0.00	42.12 2.64 0.00	43.37 2.88 0.00	43.55 2.81 0.00	45.93 3.00 0.00	44.53 2.76 0.00	40.71 2.59 0.00	39.71 2.25 -2.79	45.73 2.27 -10.01	32.97 2.24 -0.01	31.28 1.94 -0.01
FPL_FAR_ROCK_GT1 24212	46.71 2.45 -10.61	41.07 2.24 -7.68	36.76 2.25 -4.06	38.86 2.17 -6.62	40.48 2.13 -8.38	44.13 2.38 -9.54	55.07 3.18 -12.19	58.13 4.08 -11.08	57.22 4.17 -10.05	54.51 4.25 -6.90	45.06 3.21 -0.13	45.41 3.16 -1.20	44.00 3.01 -0.93	43.73 2.95 -0.93	44.43 3.04 -1.92	44.43 3.16 -0.77	47.02 3.14 -3.15	56.32 3.65 -9.76	52.13 3.38 -6.98	46.84 3.13 -5.59	43.74 3.01 -6.06	41.56 2.98 -5.13	40.10 2.70 -6.68	33.57 2.46 -1.76
FPL_FAR_ROCK_GT2 23815	46.71 2.45 -10.61	41.07 2.24 -7.68	36.76 2.25 -4.06	38.86 2.17 -6.62	40.48 2.13 -8.38	44.13 2.38 -9.54	55.07 3.18 -12.19	58.13 4.08 -11.08	57.22 4.17 -10.05	54.51 4.25 -6.90	45.06 3.21 -0.13	45.41 3.16 -1.20	44.00 3.01 -0.93	43.73 2.95 -0.93	44.43 3.04 -1.92	44.43 3.16 -0.77	47.02 3.14 -3.15	56.32 3.65 -9.76	52.13 3.38 -6.98	46.84 3.13 -5.59	43.74 3.01 -6.06	41.56 2.98 -5.13	40.10 2.70 -6.68	33.57 2.46 -1.76



FRANKLIN_FALL_HYD 24054	35.12 1.48 0.00	32.49 1.34 0.00	31.66 1.22 0.00	31.30 1.23 0.00	31.20 1.23 0.00	33.24 1.03 0.00	40.94 1.23 0.00	44.34 1.37 0.00	44.08 1.08 0.00	44.88 1.52 0.00	43.22 1.50 0.00	42.44 1.40 0.00	41.31 1.24 0.00	41.16 1.31 0.00	40.54 1.07 0.00	41.39 0.89 0.00	41.55 0.81 0.00	43.48 0.56 0.00	42.32 0.54 0.00	38.24 0.11 0.00	34.67 0.00 0.00	33.31 -0.13 0.00	30.35 -0.37 0.00	29.16 -0.18 0.00
FREEPORT_EQUS_GT1 23764	46.51 2.25 -10.61	40.91 2.09 -7.68	36.60 2.10 -4.06	38.74 2.05 -6.62	40.36 2.01 -8.38	44.00 2.25 -9.54	54.87 2.98 -12.19	57.83 3.78 -11.08	56.97 3.91 -10.05	54.20 3.95 -6.90	45.22 3.38 -0.13	45.57 3.32 -1.20	44.16 3.16 -0.93	43.93 3.15 -0.93	44.63 3.24 -1.92	44.67 3.40 -0.77	47.23 3.34 -3.15	56.54 3.86 -9.76	52.34 3.59 -6.98	47.03 3.31 -5.59	43.57 2.84 -6.06	41.39 2.81 -5.13	39.98 2.58 -6.68	33.45 2.35 -1.76
FREEPORT___CT2 23818	46.51 2.25 -10.61	40.91 2.09 -7.68	36.60 2.10 -4.06	38.74 2.05 -6.62	40.36 2.01 -8.38	44.00 2.25 -9.54	54.87 2.98 -12.19	57.83 3.78 -11.08	56.97 3.91 -10.05	54.20 3.95 -6.90	45.22 3.38 -0.13	45.57 3.32 -1.20	44.16 3.16 -0.93	43.93 3.15 -0.93	44.63 3.24 -1.92	44.67 3.40 -0.77	47.23 3.34 -3.15	56.54 3.86 -9.76	52.34 3.59 -6.98	47.03 3.31 -5.59	43.57 2.84 -6.06	41.39 2.81 -5.13	39.98 2.58 -6.68	33.45 2.35 -1.76
FRESHKLS_33_KV_LOAD 356253	35.33 1.68 0.00	32.77 1.62 0.00	32.03 1.58 0.00	31.54 1.47 0.00	31.44 1.47 0.00	33.79 1.58 0.00	41.85 2.14 0.00	46.10 3.14 0.00	46.71 3.18 -0.52	46.13 2.77 0.00	44.22 2.50 0.00	43.59 2.55 0.00	42.48 2.40 0.00	42.28 2.43 0.00	42.04 2.57 0.00	43.29 2.79 0.00	43.47 2.73 0.00	45.88 2.96 0.00	44.45 2.67 0.00	40.68 2.55 0.00	39.64 2.18 -2.79	45.67 2.21 -10.01	32.91 2.18 -0.01	31.23 1.88 -0.01
FULTON COGEN____ 23766	32.60 -1.04 0.00	30.15 -1.00 0.00	29.47 -0.97 0.00	29.11 -0.96 0.00	29.07 -0.90 0.00	31.25 -0.97 0.00	38.48 -1.23 0.00	41.76 -1.20 0.00	41.84 -1.20 -0.04	41.97 -1.39 0.00	40.38 -1.33 0.00	39.78 -1.27 0.00	38.87 -1.20 0.00	38.65 -1.20 0.00	38.29 -1.18 0.00	39.28 -1.21 0.00	39.48 -1.26 0.00	41.76 -1.16 0.00	40.60 -1.17 0.00	37.09 -1.03 0.00	33.70 -0.97 0.00	32.51 -0.94 0.00	29.80 -0.92 0.00	28.49 -0.85 0.00
FULTON___LFGE 323630	37.51 3.87 0.00	34.73 3.58 0.00	33.94 3.50 0.00	33.50 3.43 0.00	33.36 3.39 0.00	36.14 3.93 0.00	45.07 5.36 0.00	48.85 5.89 0.00	49.41 5.68 -0.73	48.65 5.29 0.00	46.76 5.05 0.00	45.52 4.48 0.00	44.76 4.69 0.00	44.75 4.90 0.00	44.33 4.85 0.00	45.64 5.14 0.00	46.24 5.50 0.00	49.06 6.14 0.00	47.20 5.43 0.00	43.00 4.88 0.00	39.21 4.54 0.00	37.73 4.28 0.00	34.34 3.62 0.00	32.63 3.29 0.00
G.F.CEMENT___DRP 24184	34.99 1.35 0.00	32.37 1.21 0.00	31.63 1.19 0.00	31.21 1.14 0.00	31.08 1.11 0.00	33.50 1.29 0.00	41.69 1.99 0.00	45.37 2.41 0.00	46.16 2.49 -0.66	45.48 2.12 0.00	43.84 2.13 0.00	43.14 2.09 0.00	42.04 1.96 0.00	41.80 1.95 0.00	41.33 1.86 0.00	42.40 1.90 0.00	42.90 2.16 0.00	45.28 2.36 0.00	43.74 1.96 0.00	39.95 1.83 0.00	36.37 1.70 0.00	35.12 1.67 0.00	32.25 1.54 0.00	31.51 2.17 0.00
GARDENVILLE___LBMP 24039	31.73 -1.92 0.00	29.34 -1.81 0.00	28.65 -1.80 0.00	28.21 -1.86 0.00	28.26 -1.71 0.00	30.38 -1.84 0.00	36.21 -3.49 0.00	38.84 -4.12 0.00	38.30 -4.77 -0.07	38.20 -5.16 0.00	36.88 -4.84 0.00	36.45 -4.60 0.00	35.78 -4.29 0.00	35.54 -4.30 0.00	35.13 -4.34 0.00	35.92 -4.58 0.00	35.89 -4.85 0.00	38.59 -4.34 0.00	37.64 -4.14 0.00	34.50 -3.62 0.00	31.48 -3.19 0.00	30.94 -2.51 0.00	28.05 -2.67 0.00	27.32 -2.02 0.00
GARDNVLA_35_KV_LD 355827	31.89 -1.75 0.00	29.50 -1.65 0.00	28.80 -1.64 0.00	28.36 -1.71 0.00	28.41 -1.56 0.00	30.54 -1.68 0.00	36.41 -3.30 0.00	39.05 -3.91 0.00	38.48 -4.60 -0.07	38.37 -4.99 0.00	37.04 -4.67 0.00	36.66 -4.39 0.00	35.98 -4.09 0.00	35.74 -4.10 0.00	35.33 -4.14 0.00	36.12 -4.37 0.00	36.10 -4.64 0.00	38.80 -4.12 0.00	37.85 -3.93 0.00	34.69 -3.43 0.00	31.65 -3.02 0.00	31.11 -2.34 0.00	28.20 -2.52 0.00	27.43 -1.91 0.00
GELCKHM___115KV_LOAD 80723	32.87 -0.77 0.00	30.40 -0.75 0.00	29.71 -0.73 0.00	29.35 -0.72 0.00	29.28 -0.69 0.00	31.51 -0.71 0.00	38.75 -0.95 0.00	42.02 -0.95 0.00	42.11 -0.95 -0.05	42.23 -1.13 0.00	40.63 -1.08 0.00	40.02 -1.03 0.00	39.11 -0.96 0.00	38.89 -0.96 0.00	38.53 -0.95 0.00	39.48 -1.01 0.00	39.68 -1.06 0.00	41.98 -0.94 0.00	40.85 -0.92 0.00	37.28 -0.84 0.00	33.91 -0.76 0.00	32.74 -0.70 0.00	30.01 -0.71 0.00	28.69 -0.65 0.00
GENERAL___MILLS 23808	31.83 -1.82 0.00	29.44 -1.71 0.00	28.77 -1.67 0.00	28.33 -1.74 0.00	28.38 -1.59 0.00	30.47 -1.74 0.00	36.33 -3.38 0.00	38.97 -4.00 0.00	38.39 -4.69 -0.07	38.33 -5.03 0.00	37.00 -4.71 0.00	36.57 -4.47 0.00	35.90 -4.17 0.00	35.66 -4.18 0.00	35.25 -4.22 0.00	36.08 -4.41 0.00	36.01 -4.73 0.00	38.76 -4.16 0.00	37.76 -4.01 0.00	34.61 -3.51 0.00	31.58 -3.09 0.00	31.04 -2.41 0.00	28.14 -2.58 0.00	27.40 -1.94 0.00
GE_PLASTICS___DRP 24183	34.48 0.84 0.00	31.99 0.84 0.00	31.30 0.85 0.00	30.88 0.81 0.00	30.75 0.78 0.00	33.08 0.87 0.00	40.90 1.19 0.00	44.47 1.50 0.00	45.15 1.51 -0.64	44.66 1.30 0.00	42.76 1.04 0.00	42.12 1.07 0.00	41.07 1.00 0.00	40.84 1.00 0.00	40.50 1.03 0.00	41.59 1.09 0.00	41.88 1.14 0.00	44.08 1.16 0.00	42.82 1.04 0.00	39.19 1.07 0.00	35.71 1.04 0.00	34.42 0.97 0.00	31.70 0.98 0.00	30.25 0.91 0.00
GILBOA___1 23756	34.42 0.77 0.00	31.90 0.75 0.00	31.21 0.76 0.00	30.79 0.72 0.00	30.69 0.72 0.00	33.02 0.81 0.00	40.78 1.07 0.00	44.38 1.42 0.00	44.93 1.42 -0.51	44.83 1.48 0.00	42.80 1.08 0.00	42.11 1.07 0.00	41.11 1.04 0.00	40.85 1.00 0.00	40.50 1.02 0.00	41.59 1.09 0.00	41.84 1.10 0.00	44.21 1.29 0.00	42.94 1.17 0.00	39.23 1.11 0.00	35.64 0.97 0.00	34.42 0.97 0.00	31.64 0.92 0.00	30.19 0.85 0.00
GILBOA___2 23757	34.42 0.77 0.00	31.90 0.75 0.00	31.21 0.76 0.00	30.79 0.72 0.00	30.69 0.72 0.00	33.02 0.81 0.00	40.78 1.07 0.00	44.38 1.42 0.00	44.93 1.42 -0.51	44.83 1.48 0.00	42.80 1.08 0.00	42.11 1.07 0.00	41.11 1.04 0.00	40.85 1.00 0.00	40.50 1.02 0.00	41.59 1.09 0.00	41.84 1.10 0.00	44.21 1.29 0.00	42.94 1.17 0.00	39.23 1.11 0.00	35.64 0.97 0.00	34.42 0.97 0.00	31.64 0.92 0.00	30.19 0.85 0.00
GILBOA___3 23758	34.42 0.77 0.00	31.90 0.75 0.00	31.21 0.76 0.00	30.79 0.72 0.00	30.69 0.72 0.00	33.02 0.81 0.00	40.78 1.07 0.00	44.38 1.42 0.00	44.93 1.42 -0.51	44.83 1.48 0.00	42.80 1.08 0.00	42.11 1.07 0.00	41.11 1.04 0.00	40.85 1.00 0.00	40.50 1.02 0.00	41.59 1.09 0.00	41.84 1.10 0.00	44.21 1.29 0.00	42.94 1.17 0.00	39.23 1.11 0.00	35.64 0.97 0.00	34.42 0.97 0.00	31.64 0.92 0.00	30.19 0.85 0.00

GILBOA___4 23759	34.42 0.77 0.00	31.90 0.75 0.00	31.21 0.76 0.00	30.79 0.72 0.00	30.69 0.72 0.00	33.02 0.81 0.00	40.78 1.07 0.00	44.38 1.42 0.00	44.93 1.42 -0.51	44.83 1.48 0.00	42.80 1.08 0.00	42.11 1.07 0.00	41.11 1.04 0.00	40.85 1.00 0.00	40.50 1.02 0.00	41.59 1.09 0.00	41.84 1.10 0.00	44.21 1.29 0.00	42.94 1.17 0.00	39.23 1.11 0.00	35.64 0.97 0.00	34.42 0.97 0.00	31.64 0.92 0.00	30.19 0.85 0.00
GILBOA____ 23599	34.42 0.77 0.00	31.90 0.75 0.00	31.21 0.76 0.00	30.79 0.72 0.00	30.69 0.72 0.00	33.02 0.81 0.00	40.78 1.07 0.00	44.42 1.46 0.00	44.93 1.42 -0.51	44.57 1.21 0.00	42.80 1.08 0.00	42.12 1.07 0.00	41.11 1.04 0.00	40.84 1.00 0.00	40.50 1.03 0.00	41.59 1.09 0.00	41.88 1.14 0.00	44.17 1.24 0.00	42.94 1.17 0.00	39.23 1.11 0.00	35.64 0.97 0.00	34.38 0.94 0.00	31.64 0.92 0.00	30.19 0.85 0.00
GINNA____ 23603	30.75 -2.89 0.00	28.50 -2.65 0.00	27.73 -2.71 0.00	27.42 -2.65 0.00	27.42 -2.55 0.00	29.48 -2.74 0.00	35.89 -3.81 0.00	38.88 -4.08 0.00	39.11 -3.96 -0.06	39.28 -4.08 0.00	37.54 -4.17 0.00	37.11 -3.94 0.00	36.26 -3.81 0.00	36.06 -3.79 0.00	35.61 -3.87 0.00	36.69 -3.81 0.00	36.95 -3.79 0.00	38.93 -3.99 0.00	37.89 -3.88 0.00	34.54 -3.58 0.00	31.41 -3.26 0.00	30.17 -3.28 0.00	27.80 -2.92 0.00	26.70 -2.64 0.00
GLEN PARK____ 23778	33.95 0.30 0.00	31.37 0.22 0.00	30.60 0.15 0.00	30.28 0.21 0.00	30.21 0.24 0.00	32.57 0.35 0.00	40.38 0.67 0.00	43.82 0.86 0.00	43.59 0.56 -0.03	43.92 0.56 0.00	42.26 0.54 0.00	41.50 0.45 0.00	40.55 0.48 0.00	40.45 0.60 0.00	40.07 0.59 0.00	41.14 0.65 0.00	41.60 0.86 0.00	43.95 1.03 0.00	42.69 0.92 0.00	38.77 0.65 0.00	35.22 0.55 0.00	33.82 0.37 0.00	30.78 0.06 0.00	29.28 -0.06 0.00
GLENDALE_27_KV_LOAD 356172	35.46 1.82 0.00	32.89 1.74 0.00	32.15 1.70 0.00	31.70 1.62 0.00	31.59 1.62 0.00	33.99 1.77 0.00	42.09 2.38 0.00	46.36 3.39 0.00	46.97 3.44 -0.52	46.39 3.04 0.00	44.55 2.84 0.00	43.88 2.83 0.00	42.76 2.68 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.49 3.00 0.00	43.75 3.01 0.00	46.14 3.22 0.00	44.70 2.92 0.00	40.87 2.74 0.00	37.03 2.36 0.00	35.82 2.37 0.00	33.03 2.30 -0.01	31.37 2.02 -0.01
GLENWOOD_IC_1_G5 23712	46.43 2.19 -10.60	40.87 2.06 -7.67	36.54 2.04 -4.05	38.67 1.98 -6.61	40.29 1.95 -8.37	43.93 2.19 -9.53	54.47 2.58 -12.18	57.52 3.48 -11.07	56.57 3.53 -10.04	53.42 3.17 -6.89	44.80 2.96 -0.12	45.20 2.96 -1.20	43.83 2.85 -0.92	43.56 2.79 -0.93	44.27 2.88 -1.91	44.34 3.08 -0.76	46.98 3.10 -3.14	56.02 3.35 -9.75	51.88 3.13 -6.97	46.56 2.86 -5.58	43.46 2.74 -6.05	41.18 2.61 -5.12	39.88 2.49 -6.67	33.35 2.26 -1.75
GLENWOOD_IC_2_G1 23688	46.38 2.12 -10.61	40.76 1.93 -7.68	36.45 1.95 -4.06	38.59 1.90 -6.62	40.21 1.86 -8.38	43.84 2.09 -9.54	54.59 2.70 -12.19	57.57 3.52 -11.08	56.67 3.61 -10.05	53.94 3.68 -6.90	44.98 3.13 -0.13	45.37 3.12 -1.20	44.00 3.01 -0.93	43.73 2.95 -0.93	44.43 3.04 -1.92	44.43 3.16 -0.77	46.90 3.01 -3.15	56.15 3.48 -9.76	51.97 3.22 -6.98	46.69 2.98 -5.59	43.36 2.63 -6.06	41.22 2.64 -5.13	39.82 2.43 -6.68	33.27 2.17 -1.76
GLENWOOD_IC_3_G1 23689	46.38 2.12 -10.61	40.76 1.93 -7.68	36.45 1.95 -4.06	38.59 1.90 -6.62	40.21 1.86 -8.38	43.84 2.09 -9.54	54.59 2.70 -12.19	57.57 3.52 -11.08	56.67 3.61 -10.05	53.94 3.68 -6.90	44.98 3.13 -0.13	45.37 3.12 -1.20	44.00 3.01 -0.93	43.73 2.95 -0.93	44.43 3.04 -1.92	44.43 3.16 -0.77	46.90 3.01 -3.15	56.15 3.48 -9.76	51.97 3.22 -6.98	46.69 2.98 -5.59	43.36 2.63 -6.06	41.22 2.64 -5.13	39.82 2.43 -6.68	33.27 2.17 -1.76
GLENWOOD___4 23550	46.43 2.19 -10.60	40.87 2.06 -7.67	36.54 2.04 -4.05	38.67 1.98 -6.61	40.29 1.95 -8.37	43.93 2.19 -9.53	54.54 2.66 -12.18	57.60 3.57 -11.07	56.66 3.61 -10.04	53.50 3.25 -6.89	44.92 3.09 -0.12	45.33 3.08 -1.20	43.91 2.93 -0.92	43.68 2.91 -0.93	44.35 2.96 -1.91	44.42 3.16 -0.76	47.10 3.22 -3.14	56.10 3.43 -9.75	51.96 3.22 -6.97	46.68 2.97 -5.58	43.46 2.74 -6.05	41.18 2.61 -5.12	39.88 2.49 -6.67	33.35 2.26 -1.75
GLENWOOD___5 23614	46.43 2.19 -10.60	40.87 2.06 -7.67	36.54 2.04 -4.05	38.67 1.98 -6.61	40.29 1.95 -8.37	43.93 2.19 -9.53	54.54 2.66 -12.18	57.60 3.57 -11.07	56.66 3.61 -10.04	53.50 3.25 -6.89	44.92 3.09 -0.12	45.33 3.08 -1.20	43.91 2.93 -0.92	43.68 2.91 -0.93	44.35 2.96 -1.91	44.42 3.16 -0.76	47.10 3.22 -3.14	56.10 3.43 -9.75	51.96 3.22 -6.97	46.68 2.97 -5.58	43.46 2.74 -6.05	41.18 2.61 -5.12	39.88 2.49 -6.67	33.35 2.26 -1.75
GLOBAL GREEN_PORT_GT1 23814	48.19 3.93 -10.61	42.38 3.55 -7.68	38.00 3.50 -4.06	40.12 3.43 -6.62	41.77 3.42 -8.38	45.58 3.83 -9.54	56.98 5.08 -12.19	60.23 6.19 -11.08	59.29 6.23 -10.05	56.07 5.81 -6.90	47.47 5.63 -0.13	47.67 5.42 -1.20	46.45 5.45 -0.93	46.12 5.34 -0.93	46.88 5.48 -1.92	46.90 5.63 -0.77	49.67 5.78 -3.15	59.17 6.48 -9.77	54.86 6.10 -6.99	49.33 5.61 -5.60	45.38 4.65 -6.06	42.99 4.41 -5.13	41.36 3.96 -6.68	34.65 3.55 -1.76
GLOBE___DSASP 323697	30.38 -3.26 0.00	28.16 -2.99 0.00	27.52 -2.92 0.00	27.12 -2.95 0.00	27.21 -2.76 0.00	29.19 -3.03 0.00	34.70 -5.00 0.00	37.03 -5.93 0.00	36.92 -6.15 -0.06	36.51 -6.85 0.00	35.21 -6.51 0.00	34.81 -6.24 0.00	34.18 -5.89 0.00	33.95 -5.90 0.00	33.59 -5.88 0.00	34.34 -6.16 0.00	34.26 -6.48 0.00	36.87 -6.05 0.00	36.01 -5.76 0.00	33.05 -5.07 0.00	30.20 -4.47 0.00	29.83 -3.61 0.00	27.03 -3.69 0.00	26.38 -2.96 0.00
GOETHSLN___LBMP 323567	34.99 1.35 0.00	32.49 1.34 0.00	31.81 1.37 0.00	31.36 1.29 0.00	31.23 1.26 0.00	33.63 1.42 0.00	41.61 1.91 0.00	45.80 2.84 0.00	46.41 2.88 -0.52	45.87 2.51 0.00	44.05 2.34 0.00	43.39 2.34 0.00	42.28 2.20 0.00	42.04 2.19 0.00	41.76 2.29 0.00	43.01 2.51 0.00	43.27 2.53 0.00	45.54 2.62 0.00	44.16 2.38 0.00	40.41 2.29 0.00	36.61 1.94 0.00	35.32 1.87 0.00	32.59 1.87 0.00	30.95 1.61 0.00
GOLAH___69_KV_TB 1_2 80279	32.16 -1.48 0.00	29.78 -1.37 0.00	29.07 -1.37 0.00	28.72 -1.35 0.00	28.74 -1.23 0.00	30.93 -1.29 0.00	37.24 -2.46 0.00	40.17 -2.79 0.00	40.32 -2.75 -0.06	40.06 -3.30 0.00	38.63 -3.09 0.00	38.09 -2.96 0.00	37.27 -2.81 0.00	36.98 -2.87 0.00	36.55 -2.92 0.00	37.38 -3.12 0.00	37.44 -3.30 0.00	39.92 -3.00 0.00	38.98 -2.80 0.00	35.61 -2.52 0.00	32.38 -2.29 0.00	31.64 -1.81 0.00	28.78 -1.94 0.00	27.81 -1.53 0.00
GOODYEAR_LAKE_HYD 323669	35.02 1.38 0.00	32.40 1.25 0.00	31.66 1.22 0.00	31.27 1.20 0.00	31.17 1.20 0.00	33.63 1.42 0.00	41.61 1.91 0.00	45.28 2.32 0.00	45.32 2.15 -0.16	45.31 1.95 0.00	43.63 1.92 0.00	42.86 1.81 0.00	41.88 1.80 0.00	41.64 1.79 0.00	41.29 1.82 0.00	42.36 1.86 0.00	42.65 1.91 0.00	45.07 2.15 0.00	43.78 2.01 0.00	39.87 1.75 0.00	36.20 1.53 0.00	34.95 1.51 0.00	31.98 1.26 0.00	30.46 1.11 0.00

GOUDEY___7 345031	33.58 -0.07 0.00	31.09 -0.06 0.00	30.35 -0.09 0.00	29.95 -0.12 0.00	29.91 -0.06 0.00	32.21 0.00 0.00	39.47 -0.24 0.00	42.83 -0.13 0.00	42.74 -0.43 -0.17	42.75 -0.61 0.00	41.17 -0.54 0.00	40.56 -0.49 0.00	39.67 -0.40 0.00	39.41 -0.44 0.00	39.08 -0.39 0.00	40.05 -0.45 0.00	40.29 -0.45 0.00	42.71 -0.21 0.00	41.52 -0.25 0.00	37.89 -0.23 0.00	34.46 -0.21 0.00	33.31 -0.13 0.00	30.50 -0.22 0.00	29.22 -0.12 0.00
GOUDEY___8 23579	33.61 -0.03 0.00	31.09 -0.06 0.00	30.38 -0.06 0.00	29.98 -0.09 0.00	29.94 -0.03 0.00	32.25 0.03 0.00	39.51 -0.20 0.00	42.88 -0.09 0.00	42.79 -0.39 -0.17	42.80 -0.56 0.00	41.22 -0.50 0.00	40.64 -0.41 0.00	39.71 -0.36 0.00	39.45 -0.40 0.00	39.12 -0.36 0.00	40.09 -0.40 0.00	40.33 -0.41 0.00	42.75 -0.17 0.00	41.57 -0.21 0.00	37.93 -0.19 0.00	34.50 -0.17 0.00	33.35 -0.10 0.00	30.53 -0.18 0.00	29.25 -0.09 0.00
GOUDEY___8 23580	33.58 -0.07 0.00	31.09 -0.06 0.00	30.35 -0.09 0.00	29.95 -0.12 0.00	29.91 -0.06 0.00	32.21 0.00 0.00	39.47 -0.24 0.00	42.83 -0.13 0.00	42.74 -0.43 -0.17	42.75 -0.61 0.00	41.17 -0.54 0.00	40.56 -0.49 0.00	39.67 -0.40 0.00	39.41 -0.44 0.00	39.08 -0.39 0.00	40.05 -0.45 0.00	40.29 -0.45 0.00	42.71 -0.21 0.00	41.52 -0.25 0.00	37.89 -0.23 0.00	34.46 -0.21 0.00	33.31 -0.13 0.00	30.50 -0.22 0.00	29.22 -0.12 0.00
GOWANUS_GT1_1 24077	35.46 1.82 0.00	32.86 1.71 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.56 1.59 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.31 3.35 0.00	46.92 3.40 -0.52	46.39 3.04 0.00	44.51 2.79 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.49 3.00 0.00	43.67 2.93 0.00	46.10 3.18 0.00	44.66 2.88 0.00	40.87 2.74 0.00	39.81 2.36 -2.79	45.83 2.37 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT1_2 24078	35.46 1.82 0.00	32.86 1.71 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.56 1.59 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.31 3.35 0.00	46.92 3.40 -0.52	46.39 3.04 0.00	44.51 2.79 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.49 3.00 0.00	43.67 2.93 0.00	46.10 3.18 0.00	44.66 2.88 0.00	40.87 2.74 0.00	39.81 2.36 -2.79	45.83 2.37 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT1_3 24079	35.46 1.82 0.00	32.86 1.71 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.56 1.59 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.31 3.35 0.00	46.92 3.40 -0.52	46.39 3.04 0.00	44.51 2.79 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.49 3.00 0.00	43.67 2.93 0.00	46.10 3.18 0.00	44.66 2.88 0.00	40.87 2.74 0.00	39.81 2.36 -2.79	45.83 2.37 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT1_4 24080	35.46 1.82 0.00	32.86 1.71 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.56 1.59 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.31 3.35 0.00	46.92 3.40 -0.52	46.39 3.04 0.00	44.51 2.79 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.49 3.00 0.00	43.67 2.93 0.00	46.10 3.18 0.00	44.66 2.88 0.00	40.87 2.74 0.00	39.81 2.36 -2.79	45.83 2.37 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT1_5 24084	35.46 1.82 0.00	32.86 1.71 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.56 1.59 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.31 3.35 0.00	46.92 3.40 -0.52	46.39 3.04 0.00	44.51 2.79 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.49 3.00 0.00	43.67 2.93 0.00	46.10 3.18 0.00	44.66 2.88 0.00	40.87 2.74 0.00	39.81 2.36 -2.79	45.83 2.37 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT1_6 24111	35.46 1.82 0.00	32.86 1.71 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.56 1.59 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.31 3.35 0.00	46.92 3.40 -0.52	46.39 3.04 0.00	44.51 2.79 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.49 3.00 0.00	43.67 2.93 0.00	46.10 3.18 0.00	44.66 2.88 0.00	40.87 2.74 0.00	39.81 2.36 -2.79	45.83 2.37 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT1_7 24112	35.46 1.82 0.00	32.86 1.71 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.56 1.59 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.31 3.35 0.00	46.92 3.40 -0.52	46.39 3.04 0.00	44.51 2.79 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.49 3.00 0.00	43.67 2.93 0.00	46.10 3.18 0.00	44.66 2.88 0.00	40.87 2.74 0.00	39.81 2.36 -2.79	45.83 2.37 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT1_8 24113	35.46 1.82 0.00	32.86 1.71 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.56 1.59 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.31 3.35 0.00	46.92 3.40 -0.52	46.39 3.04 0.00	44.51 2.79 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.49 3.00 0.00	43.67 2.93 0.00	46.10 3.18 0.00	44.66 2.88 0.00	40.87 2.74 0.00	39.81 2.36 -2.79	45.83 2.37 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT2_1 24114	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT2_2 24115	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT2_3 24116	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT2_4 24117	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01

GOWANUS_GT2_5 24118	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT2_6 24119	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT2_7 24120	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT2_8 24121	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT3_1 24122	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT3_2 24123	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT3_3 24124	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT3_4 24125	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT3_5 24126	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT3_6 24127	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT3_7 24128	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT3_8 24129	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT4_1 24130	35.46 1.82 0.00	32.86 1.71 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.56 1.59 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.31 3.35 0.00	46.92 3.40 -0.52	46.39 3.04 0.00	44.51 2.79 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.49 3.00 0.00	43.67 2.93 0.00	46.10 3.18 0.00	44.66 2.88 0.00	40.87 2.74 0.00	39.81 2.36 -2.79	45.83 2.37 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT4_2 24131	35.46 1.82 0.00	32.86 1.71 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.56 1.59 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.31 3.35 0.00	46.92 3.40 -0.52	46.39 3.04 0.00	44.51 2.79 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.49 3.00 0.00	43.67 2.93 0.00	46.10 3.18 0.00	44.66 2.88 0.00	40.87 2.74 0.00	39.81 2.36 -2.79	45.83 2.37 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT4_3 24132	35.46 1.82 0.00	32.86 1.71 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.56 1.59 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.31 3.35 0.00	46.92 3.40 -0.52	46.39 3.04 0.00	44.51 2.79 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.49 3.00 0.00	43.67 2.93 0.00	46.10 3.18 0.00	44.66 2.88 0.00	40.87 2.74 0.00	39.81 2.36 -2.79	45.83 2.37 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01

GOWANUS_GT4_4 24133	35.46 1.82 0.00	32.86 1.71 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.56 1.59 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.31 3.35 0.00	46.92 3.40 -0.52	46.39 3.04 0.00	44.51 2.79 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.49 3.00 0.00	43.67 2.93 0.00	46.10 3.18 0.00	44.66 2.88 0.00	40.87 2.74 0.00	39.81 2.36 -2.79	45.83 2.37 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT4_5 24134	35.46 1.82 0.00	32.86 1.71 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.56 1.59 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.31 3.35 0.00	46.92 3.40 -0.52	46.39 3.04 0.00	44.51 2.79 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.49 3.00 0.00	43.67 2.93 0.00	46.10 3.18 0.00	44.66 2.88 0.00	40.87 2.74 0.00	39.81 2.36 -2.79	45.83 2.37 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT4_6 24135	35.46 1.82 0.00	32.86 1.71 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.56 1.59 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.31 3.35 0.00	46.92 3.40 -0.52	46.39 3.04 0.00	44.51 2.79 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.49 3.00 0.00	43.67 2.93 0.00	46.10 3.18 0.00	44.66 2.88 0.00	40.87 2.74 0.00	39.81 2.36 -2.79	45.83 2.37 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT4_7 24136	35.46 1.82 0.00	32.86 1.71 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.56 1.59 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.31 3.35 0.00	46.92 3.40 -0.52	46.39 3.04 0.00	44.51 2.79 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.49 3.00 0.00	43.67 2.93 0.00	46.10 3.18 0.00	44.66 2.88 0.00	40.87 2.74 0.00	39.81 2.36 -2.79	45.83 2.37 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GOWANUS_GT4_8 24137	35.46 1.82 0.00	32.86 1.71 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.56 1.59 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.31 3.35 0.00	46.92 3.40 -0.52	46.39 3.04 0.00	44.51 2.79 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.49 3.00 0.00	43.67 2.93 0.00	46.10 3.18 0.00	44.66 2.88 0.00	40.87 2.74 0.00	39.81 2.36 -2.79	45.83 2.37 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GREENBSH_115KV_TB3 55895	34.45 0.81 0.00	31.96 0.81 0.00	31.30 0.85 0.00	30.88 0.81 0.00	30.75 0.78 0.00	33.05 0.84 0.00	40.90 1.19 0.00	44.47 1.50 0.00	45.15 1.51 -0.64	44.62 1.26 0.00	42.68 0.96 0.00	42.08 1.03 0.00	41.03 0.96 0.00	40.80 0.96 0.00	40.46 0.99 0.00	41.51 1.01 0.00	41.80 1.06 0.00	43.99 1.07 0.00	42.69 0.92 0.00	39.15 1.03 0.00	35.74 1.07 0.00	34.42 0.97 0.00	31.73 1.01 0.00	30.28 0.94 0.00
GREENDGE_115KV_TB5 80291	34.05 0.40 0.00	31.46 0.31 0.00	30.69 0.24 0.00	30.25 0.18 0.00	30.27 0.30 0.00	32.66 0.45 0.00	39.87 0.16 0.00	43.14 0.17 0.00	42.90 -0.22 -0.11	42.93 -0.43 0.00	41.72 0.00 0.00	41.09 0.04 0.00	40.19 0.12 0.00	39.97 0.12 0.00	39.59 0.12 0.00	40.54 0.04 0.00	40.74 0.00 0.00	43.05 0.13 0.00	41.23 -0.54 0.00	37.63 -0.50 0.00	34.15 -0.52 0.00	33.05 -0.40 0.00	30.10 -0.61 0.00	28.90 -0.44 0.00
GREENIDGE___3 23582	34.05 0.40 0.00	31.46 0.31 0.00	30.69 0.24 0.00	30.25 0.18 0.00	30.27 0.30 0.00	32.66 0.45 0.00	39.87 0.16 0.00	43.14 0.17 0.00	42.90 -0.22 -0.11	42.93 -0.43 0.00	41.72 0.00 0.00	41.09 0.04 0.00	40.19 0.12 0.00	39.97 0.12 0.00	39.59 0.12 0.00	40.54 0.04 0.00	40.74 0.00 0.00	43.05 0.13 0.00	41.23 -0.54 0.00	37.63 -0.50 0.00	34.15 -0.52 0.00	33.05 -0.40 0.00	30.10 -0.61 0.00	28.90 -0.44 0.00
GREENIDGE___4 23583	34.05 0.41 0.00	31.49 0.34 0.00	30.69 0.24 0.00	30.25 0.18 0.00	30.27 0.30 0.00	32.66 0.45 0.00	39.71 0.00 0.00	43.14 0.17 0.00	42.90 -0.21 -0.11	43.36 0.00 0.00	41.67 -0.04 0.00	41.13 0.08 0.00	40.19 0.12 0.00	39.97 0.12 0.00	39.59 0.12 0.00	40.62 0.12 0.00	40.94 0.20 0.00	43.39 0.47 0.00	41.23 -0.54 0.00	37.62 -0.50 0.00	34.15 -0.52 0.00	32.78 -0.67 0.00	30.10 -0.61 0.00	28.90 -0.44 0.00
GREENLWN_69_KV_BK 3 55738	46.40 2.15 -10.60	40.84 2.02 -7.67	36.54 2.04 -4.05	38.64 1.95 -6.61	40.26 1.92 -8.37	43.90 2.16 -9.53	54.62 2.74 -12.18	57.48 3.44 -11.07	56.57 3.53 -10.04	53.59 3.34 -6.89	44.67 2.84 -0.12	45.04 2.79 -1.20	43.75 2.76 -0.92	43.56 2.79 -0.93	44.19 2.80 -1.91	44.30 3.04 -0.76	46.93 3.06 -3.14	55.93 3.26 -9.74	51.83 3.09 -6.96	46.52 2.82 -5.58	43.18 2.46 -6.05	41.05 2.48 -5.12	39.88 2.49 -6.67	33.32 2.23 -1.75
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.46 1.82 0.00	32.86 1.71 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.56 1.59 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.31 3.35 0.00	46.92 3.40 -0.52	46.39 3.04 0.00	44.51 2.79 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.49 3.00 0.00	43.67 2.93 0.00	46.10 3.18 0.00	44.66 2.88 0.00	40.87 2.74 0.00	39.81 2.36 -2.79	45.83 2.37 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
GRISSOM___SOLAR 323813	37.51 3.87 0.00	34.73 3.58 0.00	33.94 3.50 0.00	33.50 3.43 0.00	33.36 3.39 0.00	36.14 3.93 0.00	45.07 5.36 0.00	48.85 5.89 0.00	49.41 5.68 -0.73	48.65 5.29 0.00	46.76 5.05 0.00	45.52 4.48 0.00	44.76 4.69 0.00	44.75 4.90 0.00	44.33 4.85 0.00	45.64 5.14 0.00	46.24 5.50 0.00	49.06 6.14 0.00	47.20 5.43 0.00	43.00 4.88 0.00	39.21 4.54 0.00	37.73 4.28 0.00	34.34 3.62 0.00	32.63 3.29 0.00
GROVEVILLE___HYD 323602	35.36 1.72 0.00	32.74 1.59 0.00	32.03 1.58 0.00	31.60 1.53 0.00	31.44 1.47 0.00	33.89 1.68 0.00	41.97 2.26 0.00	45.93 2.96 0.00	46.54 3.01 -0.53	46.00 2.64 0.00	44.18 2.46 0.00	43.43 2.38 0.00	42.32 2.24 0.00	42.04 2.19 0.00	41.72 2.25 0.00	42.97 2.47 0.00	43.27 2.53 0.00	45.67 2.75 0.00	44.41 2.63 0.00	40.45 2.33 0.00	36.65 1.98 0.00	35.29 1.84 0.00	32.53 1.81 0.00	30.98 1.64 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	33.14 -0.50 0.00	30.65 -0.50 0.00	29.93 -0.52 0.00	29.56 -0.51 0.00	29.52 -0.45 0.00	31.76 -0.45 0.00	39.07 -0.64 0.00	42.36 -0.60 0.00	42.42 -0.65 -0.05	42.54 -0.82 0.00	40.97 -0.75 0.00	40.35 -0.70 0.00	39.43 -0.64 0.00	39.21 -0.64 0.00	38.84 -0.63 0.00	39.85 -0.65 0.00	40.01 -0.73 0.00	42.32 -0.60 0.00	41.15 -0.63 0.00	37.59 -0.53 0.00	34.18 -0.49 0.00	32.98 -0.47 0.00	30.23 -0.49 0.00	28.90 -0.44 0.00
HAMLTNNY_34_KV_TB 80303	33.14 -0.50 0.00	30.68 -0.47 0.00	29.96 -0.49 0.00	29.59 -0.48 0.00	29.55 -0.42 0.00	31.80 -0.42 0.00	39.11 -0.60 0.00	42.45 -0.52 0.00	42.50 -0.56 -0.06	42.58 -0.78 0.00	41.01 -0.71 0.00	40.39 -0.66 0.00	39.51 -0.56 0.00	39.25 -0.60 0.00	38.88 -0.59 0.00	39.89 -0.61 0.00	40.05 -0.69 0.00	42.41 -0.52 0.00	41.15 -0.63 0.00	37.59 -0.53 0.00	34.15 -0.52 0.00	32.98 -0.47 0.00	30.20 -0.52 0.00	28.87 -0.47 0.00

HAMPSHIRE___PAPER_HYD 323593	33.44 -0.20 0.00	30.93 -0.22 0.00	30.17 -0.27 0.00	29.86 -0.21 0.00	29.76 -0.21 0.00	31.99 -0.22 0.00	39.47 -0.24 0.00	42.75 -0.21 0.00	42.63 -0.39 -0.01	42.93 -0.43 0.00	41.55 -0.17 0.00	40.85 -0.20 0.00	39.83 -0.24 0.00	39.69 -0.16 0.00	39.28 -0.20 0.00	40.21 -0.28 0.00	40.50 -0.24 0.00	42.53 -0.39 0.00	41.48 -0.29 0.00	37.67 -0.46 0.00	34.32 -0.35 0.00	33.05 -0.40 0.00	30.17 -0.55 0.00	28.72 -0.62 0.00
HARDSCRABBLE_WT_PWR 323673	34.35 0.71 0.00	31.77 0.62 0.00	30.93 0.49 0.00	30.46 0.39 0.00	30.21 0.24 0.00	32.38 0.16 0.00	39.91 0.20 0.00	43.14 0.17 0.00	43.18 0.17 0.00	43.58 0.22 0.00	41.88 0.17 0.00	41.17 0.12 0.00	40.27 0.20 0.00	40.05 0.20 0.00	39.63 0.16 0.00	40.70 0.20 0.00	40.90 0.16 0.00	43.18 0.26 0.00	41.98 0.21 0.00	38.35 0.23 0.00	34.88 0.21 0.00	33.75 0.30 0.00	30.96 0.24 0.00	29.55 0.21 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.99 1.35 0.00	32.40 1.25 0.00	31.69 1.25 0.00	31.30 1.23 0.00	31.17 1.20 0.00	33.57 1.35 0.00	41.53 1.83 0.00	45.50 2.53 0.00	46.03 2.54 -0.49	45.53 2.17 0.00	43.76 2.04 0.00	43.06 2.01 0.00	41.96 1.88 0.00	41.72 1.87 0.00	41.41 1.93 0.00	42.60 2.11 0.00	42.94 2.20 0.00	45.28 2.36 0.00	44.03 2.26 0.00	40.14 2.02 0.00	36.40 1.73 0.00	35.05 1.61 0.00	32.35 1.63 0.00	30.78 1.44 0.00
HARSNRAD_115KV_TB1 81005	31.05 -2.59 0.00	28.75 -2.40 0.00	28.10 -2.34 0.00	27.70 -2.38 0.00	27.75 -2.22 0.00	29.80 -2.42 0.00	35.46 -4.25 0.00	37.98 -4.98 0.00	37.74 -5.33 -0.06	37.42 -5.94 0.00	36.08 -5.63 0.00	35.67 -5.38 0.00	35.06 -5.01 0.00	34.83 -5.02 0.00	34.42 -5.05 0.00	35.19 -5.31 0.00	35.12 -5.62 0.00	37.77 -5.15 0.00	36.84 -4.93 0.00	33.78 -4.35 0.00	30.86 -3.81 0.00	30.40 -3.04 0.00	27.52 -3.19 0.00	26.85 -2.49 0.00
HARZA MOOSE___RIVER 24016	34.28 0.64 0.00	31.68 0.53 0.00	30.93 0.49 0.00	30.58 0.51 0.00	30.48 0.51 0.00	32.86 0.64 0.00	40.70 0.99 0.00	44.17 1.20 0.00	44.06 1.03 -0.02	44.36 1.00 0.00	42.72 1.00 0.00	41.95 0.90 0.00	40.99 0.92 0.00	40.80 0.96 0.00	40.42 0.95 0.00	41.47 0.97 0.00	41.76 1.02 0.00	44.04 1.12 0.00	42.82 1.04 0.00	38.96 0.84 0.00	35.40 0.73 0.00	34.12 0.67 0.00	31.18 0.46 0.00	29.69 0.35 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	32.87 -0.77 0.00	30.43 -0.72 0.00	29.71 -0.73 0.00	29.35 -0.72 0.00	29.31 -0.66 0.00	31.54 -0.68 0.00	38.75 -0.95 0.00	41.98 -0.99 0.00	42.07 -0.99 -0.05	42.19 -1.17 0.00	40.59 -1.13 0.00	39.98 -1.07 0.00	39.07 -1.00 0.00	38.85 -1.00 0.00	38.49 -0.99 0.00	39.44 -1.05 0.00	39.64 -1.10 0.00	41.93 -0.99 0.00	40.81 -0.96 0.00	37.24 -0.88 0.00	33.91 -0.76 0.00	32.78 -0.67 0.00	30.04 -0.68 0.00	28.72 -0.62 0.00
HELLGATE_13_KV_LD 55870	35.36 1.72 0.00	32.80 1.65 0.00	32.09 1.64 0.00	31.60 1.53 0.00	31.50 1.53 0.00	33.86 1.64 0.00	41.93 2.22 0.00	46.14 3.18 0.00	46.71 3.18 -0.52	46.13 2.77 0.00	44.30 2.59 0.00	43.64 2.59 0.00	42.56 2.48 0.00	42.32 2.47 0.00	42.04 2.57 0.00	43.25 2.75 0.00	43.51 2.77 0.00	45.88 2.96 0.00	44.45 2.67 0.00	40.68 2.55 0.00	36.85 2.18 0.00	35.69 2.24 0.00	32.94 2.21 -0.01	31.28 1.94 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.36 1.72 0.00	32.80 1.65 0.00	32.09 1.64 0.00	31.60 1.53 0.00	31.50 1.53 0.00	33.86 1.64 0.00	41.93 2.22 0.00	46.14 3.18 0.00	46.71 3.18 -0.52	46.13 2.77 0.00	44.30 2.59 0.00	43.64 2.59 0.00	42.56 2.48 0.00	42.32 2.47 0.00	42.04 2.57 0.00	43.25 2.75 0.00	43.51 2.77 0.00	45.88 2.96 0.00	44.45 2.67 0.00	40.68 2.55 0.00	36.85 2.18 0.00	35.69 2.24 0.00	32.94 2.21 -0.01	31.28 1.94 -0.01
HEMPSTEAD____ 23647	46.31 2.05 -10.61	40.73 1.90 -7.68	36.42 1.92 -4.06	38.56 1.87 -6.62	40.18 1.83 -8.38	43.81 2.06 -9.54	54.55 2.66 -12.19	57.52 3.48 -11.08	56.62 3.57 -10.05	53.90 3.64 -6.90	44.93 3.09 -0.13	45.33 3.08 -1.20	43.96 2.97 -0.93	43.73 2.95 -0.93	44.43 3.04 -1.92	44.43 3.16 -0.77	46.90 3.01 -3.15	56.15 3.48 -9.76	51.97 3.22 -6.98	46.69 2.98 -5.59	43.33 2.60 -6.06	41.19 2.61 -5.13	39.76 2.37 -6.68	33.24 2.14 -1.76
HEWLETT_69_KV_BK3 55828	46.54 2.29 -10.60	40.97 2.15 -7.67	36.60 2.10 -4.05	38.73 2.04 -6.61	40.35 2.01 -8.37	44.00 2.25 -9.53	54.86 2.98 -12.18	57.95 3.91 -11.07	57.00 3.96 -10.04	53.81 3.56 -6.89	45.26 3.42 -0.12	45.61 3.37 -1.20	44.15 3.17 -0.92	43.92 3.15 -0.93	44.62 3.24 -1.91	44.70 3.44 -0.76	47.14 3.26 -3.14	56.19 3.52 -9.75	52.08 3.34 -6.97	46.75 3.05 -5.58	43.56 2.84 -6.05	41.28 2.71 -5.12	39.94 2.55 -6.67	33.41 2.32 -1.75
HICKLING___1 23621	33.51 -0.13 0.00	30.96 -0.19 0.00	30.23 -0.21 0.00	29.80 -0.27 0.00	29.82 -0.15 0.00	32.12 -0.10 0.00	39.07 -0.64 0.00	42.32 -0.64 0.00	41.98 -1.16 -0.13	42.02 -1.34 0.00	40.55 -1.17 0.00	40.02 -1.03 0.00	39.15 -0.92 0.00	38.89 -0.96 0.00	38.53 -0.95 0.00	39.44 -1.05 0.00	39.64 -1.10 0.00	42.19 -0.73 0.00	40.94 -0.84 0.00	37.40 -0.72 0.00	33.98 -0.69 0.00	32.95 -0.50 0.00	30.04 -0.68 0.00	28.93 -0.41 0.00
HICKLING___2 23622	33.51 -0.13 0.00	30.96 -0.19 0.00	30.23 -0.21 0.00	29.80 -0.27 0.00	29.82 -0.15 0.00	32.12 -0.10 0.00	39.07 -0.64 0.00	42.32 -0.64 0.00	41.98 -1.16 -0.13	42.02 -1.34 0.00	40.55 -1.17 0.00	40.02 -1.03 0.00	39.15 -0.92 0.00	38.89 -0.96 0.00	38.53 -0.95 0.00	39.44 -1.05 0.00	39.64 -1.10 0.00	42.19 -0.73 0.00	40.94 -0.84 0.00	37.40 -0.72 0.00	33.98 -0.69 0.00	32.95 -0.50 0.00	30.04 -0.68 0.00	28.93 -0.41 0.00
HIGH FALLS___HY 23754	35.26 1.61 0.00	32.61 1.46 0.00	31.91 1.46 0.00	31.48 1.41 0.00	31.35 1.38 0.00	33.82 1.61 0.00	41.85 2.14 0.00	45.84 2.88 0.00	46.41 2.88 -0.52	45.83 2.47 0.00	44.05 2.34 0.00	43.27 2.22 0.00	42.16 2.08 0.00	41.92 2.07 0.00	41.64 2.17 0.00	42.93 2.43 0.00	43.27 2.53 0.00	45.67 2.75 0.00	44.49 2.72 0.00	40.41 2.29 0.00	36.51 1.84 0.00	35.15 1.71 0.00	32.41 1.69 0.00	30.84 1.50 0.00
HILLBURN___GT 23639	34.92 1.28 0.00	32.30 1.15 0.00	31.63 1.19 0.00	31.24 1.17 0.00	31.11 1.14 0.00	33.50 1.29 0.00	41.50 1.79 0.00	45.41 2.45 0.00	46.04 2.54 -0.50	45.96 2.60 0.00	43.76 2.04 0.00	43.02 1.97 0.00	41.96 1.88 0.00	41.72 1.87 0.00	41.41 1.93 0.00	42.52 2.02 0.00	42.74 2.00 0.00	45.32 2.40 0.00	43.99 2.21 0.00	40.14 2.02 0.00	36.40 1.73 0.00	35.25 1.80 0.00	32.38 1.66 0.00	30.81 1.47 0.00
HILLSIDE_115KV_TB1 80332	33.11 -0.54 0.00	30.59 -0.56 0.00	29.90 -0.55 0.00	29.47 -0.60 0.00	29.46 -0.51 0.00	31.76 -0.45 0.00	38.63 -1.07 0.00	41.80 -1.16 0.00	41.46 -1.68 -0.14	41.49 -1.86 0.00	40.09 -1.63 0.00	39.53 -1.52 0.00	38.67 -1.40 0.00	38.41 -1.43 0.00	38.05 -1.42 0.00	39.00 -1.50 0.00	39.19 -1.55 0.00	41.68 -1.24 0.00	40.48 -1.29 0.00	36.98 -1.14 0.00	33.63 -1.04 0.00	32.58 -0.87 0.00	29.77 -0.95 0.00	28.67 -0.67 0.00

HISHELDN_WT_PWR 323625	31.96 -1.68 0.00	29.66 -1.49 0.00	28.83 -1.61 0.00	28.39 -1.68 0.00	28.44 -1.53 0.00	30.57 -1.64 0.00	36.57 -3.14 0.00	39.31 -3.65 0.00	38.79 -4.30 -0.08	39.28 -4.08 0.00	37.25 -4.46 0.00	36.98 -4.06 0.00	36.19 -3.89 0.00	35.94 -3.90 0.00	35.53 -3.95 0.00	36.65 -3.85 0.00	37.07 -3.67 0.00	39.27 -3.65 0.00	37.97 -3.80 0.00	34.80 -3.32 0.00	31.72 -2.95 0.00	30.47 -2.98 0.00	28.23 -2.49 0.00	27.43 -1.91 0.00
HOLTSVILLE_IC_1 23690	46.88 2.63 -10.61	41.23 2.40 -7.68	36.94 2.44 -4.06	39.07 2.38 -6.62	40.66 2.31 -8.38	44.33 2.58 -9.54	55.35 3.45 -12.19	58.43 4.38 -11.08	57.49 4.43 -10.05	54.51 4.25 -6.90	45.68 3.84 -0.13	45.90 3.65 -1.20	44.68 3.68 -0.93	44.45 3.66 -0.93	45.18 3.79 -1.92	45.12 3.85 -0.77	47.80 3.91 -3.15	57.11 4.42 -9.77	52.90 4.14 -6.99	47.53 3.81 -5.60	43.95 3.22 -6.06	41.72 3.14 -5.13	40.31 2.92 -6.68	33.71 2.61 -1.76
HOLTSVILLE_IC_10 23699	47.08 2.83 -10.61	41.41 2.58 -7.68	37.09 2.59 -4.06	39.22 2.53 -6.62	40.84 2.49 -8.38	44.52 2.77 -9.54	55.59 3.69 -12.19	58.69 4.64 -11.08	57.74 4.69 -10.05	54.77 4.51 -6.90	45.98 4.13 -0.13	46.19 3.94 -1.20	44.96 3.97 -0.93	44.73 3.95 -0.93	45.46 4.07 -1.92	45.44 4.17 -0.77	48.12 4.24 -3.15	57.45 4.76 -9.77	53.23 4.47 -6.99	47.84 4.12 -5.60	44.20 3.47 -6.06	41.96 3.38 -5.13	40.47 3.07 -6.68	33.86 2.76 -1.76
HOLTSVILLE_IC_2 23691	46.88 2.63 -10.61	41.23 2.40 -7.68	36.94 2.44 -4.06	39.07 2.38 -6.62	40.66 2.31 -8.38	44.33 2.58 -9.54	55.35 3.45 -12.19	58.43 4.38 -11.08	57.49 4.43 -10.05	54.51 4.25 -6.90	45.68 3.84 -0.13	45.90 3.65 -1.20	44.68 3.68 -0.93	44.45 3.66 -0.93	45.18 3.79 -1.92	45.12 3.85 -0.77	47.80 3.91 -3.15	57.11 4.42 -9.77	52.90 4.14 -6.99	47.53 3.81 -5.60	43.95 3.22 -6.06	41.72 3.14 -5.13	40.31 2.92 -6.68	33.71 2.61 -1.76
HOLTSVILLE_IC_3 23692	46.88 2.63 -10.61	41.23 2.40 -7.68	36.94 2.44 -4.06	39.07 2.38 -6.62	40.66 2.31 -8.38	44.33 2.58 -9.54	55.35 3.45 -12.19	58.43 4.38 -11.08	57.49 4.43 -10.05	54.51 4.25 -6.90	45.68 3.84 -0.13	45.90 3.65 -1.20	44.68 3.68 -0.93	44.45 3.66 -0.93	45.18 3.79 -1.92	45.12 3.85 -0.77	47.80 3.91 -3.15	57.11 4.42 -9.77	52.90 4.14 -6.99	47.53 3.81 -5.60	43.95 3.22 -6.06	41.72 3.14 -5.13	40.31 2.92 -6.68	33.71 2.61 -1.76
HOLTSVILLE_IC_4 23693	46.88 2.63 -10.61	41.23 2.40 -7.68	36.94 2.44 -4.06	39.07 2.38 -6.62	40.66 2.31 -8.38	44.33 2.58 -9.54	55.35 3.45 -12.19	58.43 4.38 -11.08	57.49 4.43 -10.05	54.51 4.25 -6.90	45.68 3.84 -0.13	45.90 3.65 -1.20	44.68 3.68 -0.93	44.45 3.66 -0.93	45.18 3.79 -1.92	45.12 3.85 -0.77	47.80 3.91 -3.15	57.11 4.42 -9.77	52.90 4.14 -6.99	47.53 3.81 -5.60	43.95 3.22 -6.06	41.72 3.14 -5.13	40.31 2.92 -6.68	33.71 2.61 -1.76
HOLTSVILLE_IC_5 23694	46.88 2.63 -10.61	41.23 2.40 -7.68	36.94 2.44 -4.06	39.07 2.38 -6.62	40.66 2.31 -8.38	44.33 2.58 -9.54	55.35 3.45 -12.19	58.43 4.38 -11.08	57.49 4.43 -10.05	54.51 4.25 -6.90	45.68 3.84 -0.13	45.90 3.65 -1.20	44.68 3.68 -0.93	44.45 3.66 -0.93	45.18 3.79 -1.92	45.12 3.85 -0.77	47.80 3.91 -3.15	57.11 4.42 -9.77	52.90 4.14 -6.99	47.53 3.81 -5.60	43.95 3.22 -6.06	41.72 3.14 -5.13	40.31 2.92 -6.68	33.71 2.61 -1.76
HOLTSVILLE_IC_6 23695	47.08 2.83 -10.61	41.41 2.58 -7.68	37.09 2.59 -4.06	39.22 2.53 -6.62	40.84 2.49 -8.38	44.52 2.77 -9.54	55.59 3.69 -12.19	58.69 4.64 -11.08	57.74 4.69 -10.05	54.77 4.51 -6.90	45.98 4.13 -0.13	46.19 3.94 -1.20	44.96 3.97 -0.93	44.73 3.95 -0.93	45.46 4.07 -1.92	45.44 4.17 -0.77	48.12 4.24 -3.15	57.45 4.76 -9.77	53.23 4.47 -6.99	47.84 4.12 -5.60	44.20 3.47 -6.06	41.96 3.38 -5.13	40.47 3.07 -6.68	33.86 2.76 -1.76
HOLTSVILLE_IC_7 23696	47.08 2.83 -10.61	41.41 2.58 -7.68	37.09 2.59 -4.06	39.22 2.53 -6.62	40.84 2.49 -8.38	44.52 2.77 -9.54	55.59 3.69 -12.19	58.69 4.64 -11.08	57.74 4.69 -10.05	54.77 4.51 -6.90	45.98 4.13 -0.13	46.19 3.94 -1.20	44.96 3.97 -0.93	44.73 3.95 -0.93	45.46 4.07 -1.92	45.44 4.17 -0.77	48.12 4.24 -3.15	57.45 4.76 -9.77	53.23 4.47 -6.99	47.84 4.12 -5.60	44.20 3.47 -6.06	41.96 3.38 -5.13	40.47 3.07 -6.68	33.86 2.76 -1.76
HOLTSVILLE_IC_8 23697	47.08 2.83 -10.61	41.41 2.58 -7.68	37.09 2.59 -4.06	39.22 2.53 -6.62	40.84 2.49 -8.38	44.52 2.77 -9.54	55.59 3.69 -12.19	58.69 4.64 -11.08	57.74 4.69 -10.05	54.77 4.51 -6.90	45.98 4.13 -0.13	46.19 3.94 -1.20	44.96 3.97 -0.93	44.73 3.95 -0.93	45.46 4.07 -1.92	45.44 4.17 -0.77	48.12 4.24 -3.15	57.45 4.76 -9.77	53.23 4.47 -6.99	47.84 4.12 -5.60	44.20 3.47 -6.06	41.96 3.38 -5.13	40.47 3.07 -6.68	33.86 2.76 -1.76
HOLTSVILLE_IC_9 23698	47.08 2.83 -10.61	41.41 2.58 -7.68	37.09 2.59 -4.06	39.22 2.53 -6.62	40.84 2.49 -8.38	44.52 2.77 -9.54	55.59 3.69 -12.19	58.69 4.64 -11.08	57.74 4.69 -10.05	54.77 4.51 -6.90	45.98 4.13 -0.13	46.19 3.94 -1.20	44.96 3.97 -0.93	44.73 3.95 -0.93	45.46 4.07 -1.92	45.44 4.17 -0.77	48.12 4.24 -3.15	57.45 4.76 -9.77	53.23 4.47 -6.99	47.84 4.12 -5.60	44.20 3.47 -6.06	41.96 3.38 -5.13	40.47 3.07 -6.68	33.86 2.76 -1.76
HOMER_HL_115KV_TB2 355744	32.70 -0.94 0.00	30.18 -0.97 0.00	29.47 -0.97 0.00	28.99 -1.08 0.00	29.04 -0.93 0.00	31.25 -0.97 0.00	37.40 -2.30 0.00	40.13 -2.84 0.00	38.71 -4.39 -0.09	39.28 -4.08 0.00	38.00 -3.71 0.00	37.60 -3.45 0.00	36.87 -3.21 0.00	36.62 -3.23 0.00	36.20 -3.28 0.00	37.05 -3.44 0.00	37.11 -3.63 0.00	39.83 -3.09 0.00	38.77 -3.01 0.00	35.49 -2.63 0.00	32.31 -2.36 0.00	31.61 -1.84 0.00	28.75 -1.97 0.00	27.99 -1.35 0.00
HOWARD_WT_PWR 323690	33.48 -0.17 0.00	30.96 -0.19 0.00	30.11 -0.33 0.00	29.59 -0.48 0.00	29.61 -0.36 0.00	31.86 -0.35 0.00	38.52 -1.19 0.00	41.68 -1.29 0.00	41.18 -1.93 -0.11	41.71 -1.65 0.00	39.71 -2.00 0.00	39.29 -1.76 0.00	38.35 -1.72 0.00	38.10 -1.75 0.00	37.70 -1.78 0.00	38.76 -1.74 0.00	39.11 -1.63 0.00	41.51 -1.42 0.00	39.98 -1.80 0.00	36.59 -1.53 0.00	33.21 -1.45 0.00	31.84 -1.60 0.00	29.34 -1.38 0.00	28.31 -1.03 0.00
HQ_GEN_CEDARS 23644	34.11 0.47 0.00	31.56 0.40 0.00	30.81 0.37 0.00	30.46 0.39 0.00	30.33 0.36 0.00	32.50 0.29 0.00	39.87 0.16 0.00	42.92 -0.04 0.00	42.88 -0.13 0.00	43.66 0.30 0.00	42.09 0.38 0.00	41.38 0.33 0.00	40.35 0.28 0.00	40.17 0.32 0.00	39.67 0.20 0.00	40.62 0.12 0.00	40.82 0.08 0.00	42.79 -0.13 0.00	41.77 0.00 0.00	38.01 -0.11 0.00	34.77 0.10 0.00	33.51 0.07 0.00	30.72 0.00 0.00	29.34 0.00 0.00
HQ_GEN_CEDARS_PROXY 323590	34.11 0.47 0.00	31.55 0.40 0.00	30.81 0.37 0.00	30.46 0.39 0.00	30.33 0.36 0.00	32.54 0.32 0.00	39.87 0.16 0.00	42.96 0.00 0.00	42.88 -0.13 0.00	42.44 0.37 -0.35	41.38 0.33 0.00	40.35 0.28 0.00	40.17 0.32 0.00	39.67 0.20 0.00	40.62 0.12 0.00	40.82 0.08 0.00	42.71 -0.21 0.00	41.77 0.00 0.00	38.01 -0.11 0.00	34.77 0.10 0.00	33.51 0.07 0.00	30.72 0.00 0.00	29.34 0.00 0.00	

HQ_GEN_IMPORT 323601	33.74 0.10 0.00	31.24 0.09 0.00	30.54 0.09 0.00	30.16 0.09 0.00	30.06 0.09 0.00	32.25 0.03 0.00	39.75 0.04 0.00	42.75 -0.21 0.00	42.75 -0.26 0.00	42.75 -0.26 0.35	42.19 0.13 -0.35	41.17 0.12 0.00	40.15 0.08 0.00	39.97 0.12 0.00	39.51 0.04 0.00	40.54 0.04 0.00	40.74 0.00 0.00	42.75 -0.17 0.00	41.73 -0.04 0.00	38.04 -0.08 0.00	34.64 -0.03 0.00	33.38 -0.07 0.00	30.63 -0.09 0.00	29.25 -0.09 0.00
HQ_GEN_WHEEL 23651	33.74 0.10 0.00	31.24 0.09 0.00	30.54 0.09 0.00	30.16 0.09 0.00	30.06 0.09 0.00	32.25 0.03 0.00	39.75 0.04 0.00	42.75 -0.21 0.00	42.75 -0.26 0.00	42.75 -0.26 0.35	42.19 0.13 -0.35	41.17 0.12 0.00	40.15 0.08 0.00	39.97 0.12 0.00	39.51 0.04 0.00	40.54 0.04 0.00	40.74 0.00 0.00	42.75 -0.17 0.00	41.73 -0.04 0.00	38.04 -0.08 0.00	34.64 -0.03 0.00	33.38 -0.07 0.00	30.63 -0.09 0.00	29.25 -0.09 0.00
HUDSON AVE_GT_3 23810	35.22 1.58 0.00	32.68 1.53 0.00	31.97 1.52 0.00	31.51 1.44 0.00	31.38 1.41 0.00	33.79 1.58 0.00	41.85 2.14 0.00	46.06 3.09 0.00	46.67 3.14 -0.52	46.13 2.77 0.00	44.30 2.59 0.00	43.64 2.59 0.00	42.52 2.44 0.00	42.28 2.43 0.00	42.00 2.53 0.00	43.25 2.75 0.00	43.51 2.77 0.00	45.84 2.92 0.00	44.45 2.67 0.00	40.64 2.52 0.00	36.78 2.11 0.00	35.52 2.07 0.00	32.78 2.06 0.00	31.13 1.79 0.00
HUDSON AVE_GT_4 23540	35.22 1.58 0.00	32.68 1.53 0.00	31.97 1.52 0.00	31.51 1.44 0.00	31.38 1.41 0.00	33.79 1.58 0.00	41.85 2.14 0.00	46.06 3.09 0.00	46.67 3.14 -0.52	46.13 2.77 0.00	44.30 2.59 0.00	43.64 2.59 0.00	42.52 2.44 0.00	42.28 2.43 0.00	42.00 2.53 0.00	43.25 2.75 0.00	43.51 2.77 0.00	45.84 2.92 0.00	44.45 2.67 0.00	40.64 2.52 0.00	36.78 2.11 0.00	35.52 2.07 0.00	32.78 2.06 0.00	31.13 1.79 0.00
HUDSON AVE_GT_5 23657	35.22 1.58 0.00	32.68 1.53 0.00	31.97 1.52 0.00	31.51 1.44 0.00	31.38 1.41 0.00	33.79 1.58 0.00	41.85 2.14 0.00	46.06 3.09 0.00	46.67 3.14 -0.52	46.13 2.77 0.00	44.30 2.59 0.00	43.64 2.59 0.00	42.52 2.44 0.00	42.28 2.43 0.00	42.00 2.53 0.00	43.25 2.75 0.00	43.51 2.77 0.00	45.84 2.92 0.00	44.45 2.67 0.00	40.64 2.52 0.00	36.78 2.11 0.00	35.52 2.07 0.00	32.78 2.06 0.00	31.13 1.79 0.00
HUDSON_AVE_10 24168	35.12 1.48 0.00	32.58 1.43 0.00	31.91 1.46 0.00	31.45 1.38 0.00	31.32 1.35 0.00	33.73 1.51 0.00	41.81 2.10 0.00	46.01 3.05 0.00	46.62 3.10 -0.52	46.09 2.73 0.00	44.26 2.54 0.00	43.55 2.50 0.00	42.48 2.40 0.00	42.24 2.39 0.00	41.96 2.49 0.00	43.17 2.67 0.00	43.47 2.73 0.00	45.80 2.88 0.00	44.41 2.63 0.00	40.60 2.48 0.00	36.75 2.08 0.00	35.49 2.04 0.00	32.75 2.03 0.00	31.07 1.73 0.00
HUDSON___115KV_TB 4 355613	34.99 1.35 0.00	32.46 1.31 0.00	31.78 1.34 0.00	31.36 1.29 0.00	31.20 1.23 0.00	33.57 1.35 0.00	41.61 1.91 0.00	45.20 2.23 0.00	45.70 2.06 -0.62	45.27 1.91 0.00	43.26 1.54 0.00	42.61 1.56 0.00	41.55 1.48 0.00	41.32 1.47 0.00	40.93 1.46 0.00	42.08 1.58 0.00	42.49 1.75 0.00	44.77 1.85 0.00	43.57 1.80 0.00	39.84 1.72 0.00	36.47 1.80 0.00	35.02 1.57 0.00	32.25 1.54 0.00	30.78 1.44 0.00
HUNTER MOUNT___DRP 323613	35.26 1.61 0.00	32.68 1.53 0.00	32.00 1.55 0.00	31.57 1.50 0.00	31.44 1.47 0.00	33.82 1.61 0.00	41.93 2.22 0.00	45.46 2.49 0.00	45.81 2.19 -0.61	45.48 2.12 0.00	43.43 1.71 0.00	42.77 1.72 0.00	41.67 1.60 0.00	41.44 1.59 0.00	41.05 1.58 0.00	42.24 1.74 0.00	42.65 1.91 0.00	44.98 2.06 0.00	43.82 2.05 0.00	40.03 1.91 0.00	36.58 1.91 0.00	35.09 1.64 0.00	32.35 1.63 0.00	30.87 1.53 0.00
HUNTINGTON_RES_REC 323705	46.64 2.39 -10.61	41.04 2.21 -7.68	36.73 2.22 -4.06	38.86 2.17 -6.62	40.48 2.13 -8.38	44.13 2.38 -9.54	55.03 3.14 -12.19	57.91 3.87 -11.08	57.01 3.95 -10.05	54.29 4.03 -6.90	45.14 3.29 -0.13	45.45 3.20 -1.20	44.20 3.21 -0.93	43.97 3.19 -0.93	44.67 3.27 -1.92	44.67 3.40 -0.77	47.31 3.42 -3.15	56.61 3.95 -9.74	52.37 3.63 -6.96	47.05 3.36 -5.58	43.61 2.88 -6.06	41.49 2.91 -5.13	40.10 2.70 -6.68	33.51 2.41 -1.76
HUNTLEY___63 23557	31.39 -2.25 0.00	29.06 -2.09 0.00	28.37 -2.07 0.00	27.94 -2.14 0.00	28.02 -1.95 0.00	30.09 -2.13 0.00	35.78 -3.93 0.00	38.32 -4.64 0.00	38.04 -5.03 -0.07	37.77 -5.59 0.00	36.42 -5.30 0.00	36.00 -5.05 0.00	35.38 -4.69 0.00	35.15 -4.70 0.00	34.74 -4.74 0.00	35.52 -4.98 0.00	35.44 -5.30 0.00	38.16 -4.76 0.00	37.18 -4.60 0.00	34.12 -4.00 0.00	31.13 -3.54 0.00	30.67 -2.78 0.00	27.77 -2.95 0.00	27.05 -2.29 0.00
HUNTLEY___64 23558	31.39 -2.25 0.00	29.06 -2.09 0.00	28.37 -2.07 0.00	27.94 -2.14 0.00	28.02 -1.95 0.00	30.09 -2.13 0.00	35.78 -3.93 0.00	38.32 -4.64 0.00	38.04 -5.03 -0.07	37.77 -5.59 0.00	36.42 -5.30 0.00	36.00 -5.05 0.00	35.38 -4.69 0.00	35.15 -4.70 0.00	34.74 -4.74 0.00	35.52 -4.98 0.00	35.44 -5.30 0.00	38.16 -4.76 0.00	37.18 -4.60 0.00	34.12 -4.00 0.00	31.13 -3.54 0.00	30.67 -2.78 0.00	27.77 -2.95 0.00	27.05 -2.29 0.00
HUNTLEY___65 23559	31.39 -2.25 0.00	29.06 -2.09 0.00	28.37 -2.07 0.00	27.94 -2.14 0.00	28.02 -1.95 0.00	30.09 -2.13 0.00	35.78 -3.93 0.00	38.32 -4.64 0.00	38.04 -5.03 -0.07	37.77 -5.59 0.00	36.42 -5.30 0.00	36.00 -5.05 0.00	35.38 -4.69 0.00	35.15 -4.70 0.00	34.74 -4.74 0.00	35.52 -4.98 0.00	35.44 -5.30 0.00	38.16 -4.76 0.00	37.18 -4.60 0.00	34.12 -4.00 0.00	31.13 -3.54 0.00	30.67 -2.78 0.00	27.77 -2.95 0.00	27.05 -2.29 0.00
HUNTLEY___66 23560	31.39 -2.25 0.00	29.06 -2.09 0.00	28.37 -2.07 0.00	27.94 -2.14 0.00	28.02 -1.95 0.00	30.09 -2.13 0.00	35.78 -3.93 0.00	38.32 -4.64 0.00	38.04 -5.03 -0.07	37.77 -5.59 0.00	36.42 -5.30 0.00	36.00 -5.05 0.00	35.38 -4.69 0.00	35.15 -4.70 0.00	34.74 -4.74 0.00	35.52 -4.98 0.00	35.44 -5.30 0.00	38.16 -4.76 0.00	37.18 -4.60 0.00	34.12 -4.00 0.00	31.13 -3.54 0.00	30.67 -2.78 0.00	27.77 -2.95 0.00	27.05 -2.29 0.00
HUNTLEY___67 23561	31.22 -2.42 0.00	28.91 -2.24 0.00	28.25 -2.19 0.00	27.82 -2.26 0.00	27.87 -2.10 0.00	29.96 -2.25 0.00	35.66 -4.05 0.00	38.19 -4.77 0.00	37.83 -5.25 -0.07	37.59 -5.77 0.00	36.29 -5.42 0.00	35.84 -5.21 0.00	35.22 -4.85 0.00	34.99 -4.86 0.00	34.58 -4.89 0.00	35.35 -5.14 0.00	35.32 -5.42 0.00	37.99 -4.94 0.00	37.05 -4.72 0.00	34.00 -4.12 0.00	31.03 -3.64 0.00	30.57 -2.88 0.00	27.71 -3.01 0.00	26.99 -2.35 0.00
HUNTLEY___68 23562	31.22 -2.42 0.00	28.91 -2.24 0.00	28.25 -2.19 0.00	27.82 -2.26 0.00	27.87 -2.10 0.00	29.96 -2.25 0.00	35.66 -4.05 0.00	38.19 -4.77 0.00	37.83 -5.25 -0.07	37.59 -5.77 0.00	36.29 -5.42 0.00	35.84 -5.21 0.00	35.22 -4.85 0.00	34.99 -4.86 0.00	34.58 -4.89 0.00	35.35 -5.14 0.00	35.32 -5.42 0.00	37.99 -4.94 0.00	37.05 -4.72 0.00	34.00 -4.12 0.00	31.03 -3.64 0.00	30.57 -2.88 0.00	27.71 -3.01 0.00	26.99 -2.35 0.00



HYLAND___LFGE 323620	34.01 0.37 0.00	31.43 0.28 0.00	30.51 0.06 0.00	30.13 0.06 0.00	30.18 0.21 0.00	32.54 0.32 0.00	39.47 -0.24 0.00	42.88 -0.09 0.00	42.71 -0.39 -0.09	42.93 -0.43 0.00	40.71 -1.00 0.00	40.23 -0.82 0.00	39.31 -0.76 0.00	39.09 -0.76 0.00	38.72 -0.75 0.00	39.93 -0.57 0.00	40.41 -0.33 0.00	42.79 -0.13 0.00	41.52 -0.25 0.00	37.78 -0.34 0.00	34.29 -0.38 0.00	32.81 -0.64 0.00	30.20 -0.52 0.00	29.02 -0.32 0.00
INDECK___CORINTH 23802	34.42 0.77 0.00	31.83 0.68 0.00	31.11 0.67 0.00	30.70 0.63 0.00	30.57 0.60 0.00	32.96 0.74 0.00	40.98 1.27 0.00	44.60 1.63 0.00	45.43 1.76 -0.66	45.01 1.65 0.00	43.14 1.42 0.00	42.45 1.40 0.00	41.35 1.28 0.00	41.09 1.24 0.00	40.66 1.18 0.00	41.67 1.18 0.00	42.13 1.39 0.00	44.55 1.63 0.00	43.03 1.25 0.00	39.30 1.18 0.00	35.78 1.11 0.00	34.79 1.34 0.00	31.79 1.07 0.00	31.42 2.08 0.00
INDECK___ILION 23567	34.15 0.50 0.00	31.59 0.44 0.00	30.84 0.40 0.00	30.43 0.36 0.00	30.30 0.33 0.00	32.54 0.32 0.00	40.18 0.48 0.00	43.52 0.56 0.00	43.52 0.52 0.00	43.79 0.43 0.00	42.13 0.42 0.00	41.46 0.41 0.00	40.51 0.44 0.00	40.29 0.44 0.00	39.91 0.43 0.00	40.94 0.45 0.00	41.19 0.45 0.00	43.44 0.52 0.00	42.23 0.46 0.00	38.58 0.46 0.00	35.05 0.38 0.00	33.85 0.40 0.00	31.09 0.37 0.00	29.66 0.32 0.00
INDECK___OLEAN 23982	32.70 -0.94 0.00	30.28 -0.87 0.00	29.47 -0.98 0.00	28.99 -1.08 0.00	29.04 -0.93 0.00	31.25 -0.97 0.00	37.40 -2.30 0.00	40.13 -2.84 0.00	38.70 -4.39 -0.09	40.02 -3.34 0.00	37.92 -3.80 0.00	37.68 -3.37 0.00	36.86 -3.21 0.00	36.62 -3.23 0.00	36.20 -3.28 0.00	37.26 -3.24 0.00	37.60 -3.14 0.00	40.09 -2.83 0.00	38.77 -3.01 0.00	35.49 -2.63 0.00	32.31 -2.36 0.00	31.14 -2.31 0.00	28.75 -1.97 0.00	27.99 -1.35 0.00
INDECK___OSWEGO 23783	32.50 -1.14 0.00	30.09 -1.06 0.00	29.38 -1.07 0.00	29.05 -1.02 0.00	28.98 -0.99 0.00	31.15 -1.06 0.00	38.36 -1.35 0.00	41.59 -1.38 0.00	41.67 -1.38 -0.04	41.97 -1.39 0.00	40.22 -1.50 0.00	39.61 -1.44 0.00	38.75 -1.32 0.00	38.49 -1.35 0.00	38.17 -1.30 0.00	39.16 -1.34 0.00	39.43 -1.31 0.00	41.67 -1.25 0.00	40.48 -1.30 0.00	36.98 -1.14 0.00	33.59 -1.08 0.00	32.38 -1.07 0.00	29.73 -0.98 0.00	28.40 -0.94 0.00
INDECK___YERKES 23781	31.42 -2.22 0.00	29.22 -1.93 0.00	28.41 -2.04 0.00	27.97 -2.11 0.00	28.05 -1.92 0.00	30.12 -2.09 0.00	35.82 -3.89 0.00	38.41 -4.56 0.00	38.08 -4.99 -0.07	38.46 -4.90 0.00	36.38 -5.34 0.00	36.21 -4.84 0.00	35.42 -4.65 0.00	35.19 -4.66 0.00	34.77 -4.70 0.00	35.92 -4.58 0.00	36.38 -4.36 0.00	38.46 -4.46 0.00	37.22 -4.55 0.00	34.16 -3.97 0.00	31.17 -3.50 0.00	29.90 -3.55 0.00	27.80 -2.92 0.00	27.08 -2.26 0.00
INDIAN POINT_GT_1 24139	35.02 1.38 0.00	32.43 1.28 0.00	31.75 1.31 0.00	31.33 1.26 0.00	31.17 1.20 0.00	33.57 1.35 0.00	41.57 1.87 0.00	45.63 2.66 0.00	46.19 2.67 -0.51	45.66 2.30 0.00	43.89 2.17 0.00	43.18 2.13 0.00	42.08 2.00 0.00	41.84 1.99 0.00	41.56 2.09 0.00	42.76 2.27 0.00	43.06 2.32 0.00	45.41 2.49 0.00	44.07 2.30 0.00	40.26 2.13 0.00	36.51 1.84 0.00	35.19 1.74 0.00	32.44 1.72 0.00	30.87 1.53 0.00
INDIAN POINT_GT_2 23659	35.02 1.38 0.00	32.43 1.28 0.00	31.75 1.31 0.00	31.33 1.26 0.00	31.17 1.20 0.00	33.57 1.35 0.00	41.57 1.87 0.00	45.63 2.66 0.00	46.19 2.67 -0.51	45.66 2.30 0.00	43.89 2.17 0.00	43.18 2.13 0.00	42.08 2.00 0.00	41.84 1.99 0.00	41.56 2.09 0.00	42.76 2.27 0.00	43.06 2.32 0.00	45.41 2.49 0.00	44.07 2.30 0.00	40.26 2.13 0.00	36.51 1.84 0.00	35.19 1.74 0.00	32.44 1.72 0.00	30.87 1.53 0.00
INDIAN POINT_GT_3 24019	35.02 1.38 0.00	32.43 1.28 0.00	31.75 1.31 0.00	31.33 1.26 0.00	31.17 1.20 0.00	33.57 1.35 0.00	41.57 1.87 0.00	45.63 2.66 0.00	46.19 2.67 -0.51	45.66 2.30 0.00	43.89 2.17 0.00	43.18 2.13 0.00	42.08 2.00 0.00	41.84 1.99 0.00	41.56 2.09 0.00	42.76 2.27 0.00	43.06 2.32 0.00	45.41 2.49 0.00	44.07 2.30 0.00	40.26 2.13 0.00	36.51 1.84 0.00	35.19 1.74 0.00	32.44 1.72 0.00	30.87 1.53 0.00
INDIAN POINT___2 23530	34.92 1.28 0.00	32.33 1.18 0.00	31.66 1.22 0.00	31.28 1.20 0.00	31.11 1.14 0.00	33.54 1.32 0.00	41.50 1.79 0.00	45.45 2.49 0.00	46.09 2.58 -0.51	46.00 2.65 0.00	43.80 2.08 0.00	43.06 2.01 0.00	42.00 1.92 0.00	41.76 1.91 0.00	41.48 2.01 0.00	42.56 2.06 0.00	42.78 2.04 0.00	45.37 2.45 0.00	43.99 2.21 0.00	40.14 2.02 0.00	36.44 1.77 0.00	35.25 1.80 0.00	32.41 1.69 0.00	30.84 1.50 0.00
INDIAN POINT___3 23531	34.96 1.31 0.00	32.40 1.25 0.00	31.69 1.25 0.00	31.27 1.20 0.00	31.14 1.17 0.00	33.53 1.32 0.00	41.53 1.83 0.00	45.54 2.58 0.00	46.14 2.62 -0.51	45.57 2.21 0.00	43.80 2.09 0.00	43.10 2.05 0.00	42.04 1.96 0.00	41.80 1.95 0.00	41.49 2.01 0.00	42.68 2.19 0.00	42.98 2.24 0.00	45.32 2.40 0.00	43.99 2.21 0.00	40.18 2.06 0.00	36.44 1.77 0.00	35.15 1.71 0.00	32.41 1.69 0.00	30.87 1.53 0.00
INGHAM_C_115KV_TB7 356103	34.42 0.77 0.00	31.84 0.69 0.00	31.02 0.58 0.00	30.58 0.51 0.00	30.36 0.39 0.00	32.57 0.35 0.00	40.14 0.44 0.00	43.39 0.43 0.00	43.39 0.39 0.00	43.66 0.30 0.00	42.05 0.33 0.00	41.38 0.33 0.00	40.47 0.40 0.00	40.25 0.40 0.00	39.87 0.39 0.00	40.90 0.40 0.00	41.15 0.41 0.00	43.35 0.43 0.00	42.19 0.42 0.00	38.50 0.38 0.00	35.05 0.38 0.00	33.88 0.43 0.00	31.12 0.40 0.00	29.69 0.35 0.00
IP CORINTH___1 23988	34.59 0.94 0.00	32.02 0.87 0.00	31.30 0.85 0.00	30.88 0.81 0.00	30.72 0.75 0.00	33.15 0.93 0.00	41.22 1.51 0.00	44.85 1.89 0.00	45.69 2.02 -0.66	45.01 1.65 0.00	43.38 1.67 0.00	42.69 1.64 0.00	41.55 1.48 0.00	41.32 1.47 0.00	40.85 1.38 0.00	41.91 1.42 0.00	42.41 1.67 0.00	44.77 1.85 0.00	43.28 1.50 0.00	39.53 1.41 0.00	35.99 1.32 0.00	34.82 1.37 0.00	31.98 1.26 0.00	31.42 2.08 0.00
IP___TICONDEROGA 23804	35.93 2.29 0.00	33.21 2.06 0.00	32.48 2.04 0.00	32.00 1.92 0.00	31.83 1.86 0.00	34.40 2.19 0.00	42.92 3.22 0.00	46.79 3.82 0.00	47.67 4.00 -0.66	46.91 3.56 0.00	45.30 3.59 0.00	44.62 3.57 0.00	43.32 3.25 0.00	43.08 3.23 0.00	42.51 3.04 0.00	43.61 3.12 0.00	44.24 3.50 0.00	46.74 3.82 0.00	45.03 3.26 0.00	41.09 2.97 0.00	37.48 2.81 0.00	36.06 2.61 0.00	33.05 2.33 0.00	32.27 2.93 0.00
ISLIP_RES_REC 323679	47.22 2.96 -10.61	41.54 2.71 -7.68	37.21 2.71 -4.06	39.34 2.65 -6.62	40.96 2.61 -8.38	44.65 2.90 -9.54	55.79 3.89 -12.19	58.94 4.90 -11.08	58.00 4.94 -10.05	54.99 4.73 -6.90	46.22 4.38 -0.13	46.44 4.19 -1.20	45.24 4.25 -0.93	44.97 4.18 -0.93	45.74 4.34 -1.92	45.68 4.41 -0.77	48.41 4.52 -3.15	57.75 5.06 -9.77	53.48 4.72 -6.99	48.07 4.34 -5.60	44.37 3.64 -6.06	42.09 3.51 -5.13	40.62 3.22 -6.68	33.98 2.88 -1.76

JAMAICA__27_KV_LOAD 355505	35.29 1.65 0.00	32.74 1.59 0.00	32.03 1.58 0.00	31.57 1.50 0.00	31.44 1.47 0.00	33.89 1.68 0.00	42.05 2.34 0.00	46.31 3.35 0.00	46.97 3.44 -0.52	46.39 3.04 0.00	44.55 2.84 0.00	43.88 2.83 0.00	42.76 2.68 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.53 3.04 0.00	43.84 3.10 0.00	46.18 3.26 0.00	44.78 3.01 0.00	40.94 2.82 0.00	37.06 2.39 0.00	35.75 2.31 0.00	32.99 2.27 0.00	31.25 1.91 0.00
JANIS__SOLAR 323808	35.29 1.65 0.00	32.61 1.46 0.00	31.82 1.37 0.00	31.39 1.32 0.00	31.35 1.38 0.00	33.79 1.58 0.00	41.73 2.02 0.00	45.33 2.36 0.00	45.13 1.98 -0.14	45.31 1.95 0.00	43.30 1.58 0.00	42.57 1.52 0.00	41.63 1.56 0.00	41.40 1.55 0.00	41.01 1.54 0.00	42.12 1.62 0.00	42.49 1.75 0.00	45.07 2.15 0.00	43.61 1.84 0.00	39.76 1.64 0.00	36.09 1.42 0.00	34.69 1.24 0.00	31.73 1.01 0.00	30.19 0.85 0.00
JARVIS____ 23743	33.81 0.17 0.00	31.31 0.16 0.00	30.60 0.15 0.00	30.22 0.15 0.00	30.09 0.12 0.00	32.38 0.16 0.00	39.99 0.28 0.00	43.35 0.39 0.00	43.39 0.39 0.00	43.75 0.39 0.00	41.97 0.25 0.00	41.30 0.25 0.00	40.31 0.24 0.00	40.09 0.24 0.00	39.71 0.24 0.00	40.74 0.24 0.00	41.03 0.29 0.00	43.26 0.34 0.00	42.07 0.29 0.00	38.39 0.27 0.00	34.91 0.24 0.00	33.68 0.24 0.00	30.94 0.22 0.00	29.52 0.18 0.00
JENNISON____1 23625	35.66 2.02 0.00	32.93 1.78 0.00	32.15 1.70 0.00	31.76 1.68 0.00	31.65 1.68 0.00	34.15 1.93 0.00	42.21 2.50 0.00	45.89 2.92 0.00	45.68 2.49 -0.18	45.66 2.30 0.00	44.01 2.29 0.00	43.18 2.13 0.00	42.20 2.12 0.00	41.96 2.11 0.00	41.56 2.09 0.00	42.60 2.11 0.00	42.86 2.12 0.00	45.45 2.53 0.00	44.11 2.34 0.00	40.14 2.02 0.00	36.47 1.80 0.00	35.22 1.77 0.00	32.10 1.38 0.00	30.54 1.20 0.00
JENNISON____2 23626	35.66 2.02 0.00	32.93 1.78 0.00	32.15 1.70 0.00	31.76 1.68 0.00	31.65 1.68 0.00	34.15 1.93 0.00	42.21 2.50 0.00	45.89 2.92 0.00	45.68 2.49 -0.18	45.66 2.30 0.00	44.01 2.29 0.00	43.18 2.13 0.00	42.20 2.12 0.00	41.96 2.11 0.00	41.56 2.09 0.00	42.60 2.11 0.00	42.86 2.12 0.00	45.45 2.53 0.00	44.11 2.34 0.00	40.14 2.02 0.00	36.47 1.80 0.00	35.22 1.77 0.00	32.10 1.38 0.00	30.54 1.20 0.00
JERICOHO_RISE_WT_PWR 323719	34.99 1.35 0.00	32.40 1.25 0.00	31.57 1.13 0.00	31.21 1.14 0.00	31.11 1.14 0.00	33.05 0.84 0.00	40.70 0.99 0.00	43.99 1.03 0.00	43.74 0.73 0.00	44.10 0.74 0.00	42.88 1.17 0.00	42.11 1.07 0.00	40.99 0.92 0.00	40.80 0.95 0.00	40.22 0.75 0.00	41.02 0.53 0.00	41.19 0.45 0.00	43.01 0.09 0.00	41.90 0.13 0.00	37.86 -0.26 0.00	34.22 -0.45 0.00	32.91 -0.54 0.00	29.98 -0.74 0.00	28.87 -0.47 0.00
KATONAH__115KV_46KV_TB4 355592	35.36 1.72 0.00	32.74 1.59 0.00	32.03 1.58 0.00	31.63 1.56 0.00	31.38 1.41 0.00	33.82 1.61 0.00	42.01 2.30 0.00	46.10 3.14 0.00	46.67 3.14 -0.53	46.09 2.73 0.00	44.34 2.63 0.00	43.55 2.50 0.00	42.44 2.36 0.00	42.20 2.35 0.00	41.92 2.45 0.00	43.13 2.63 0.00	43.39 2.65 0.00	45.80 2.88 0.00	44.49 2.72 0.00	40.60 2.48 0.00	36.78 2.11 0.00	35.45 2.01 0.00	32.62 1.90 0.00	31.04 1.70 0.00
KCE_NY_1 323755	35.19 1.55 0.00	32.58 1.43 0.00	31.88 1.43 0.00	31.46 1.38 0.00	31.29 1.32 0.00	33.73 1.51 0.00	41.81 2.10 0.00	45.45 2.49 0.00	46.25 2.58 -0.66	45.83 2.47 0.00	43.88 2.17 0.00	43.18 2.13 0.00	42.11 2.04 0.00	41.84 1.99 0.00	41.45 1.97 0.00	42.52 2.02 0.00	42.90 2.16 0.00	45.32 2.40 0.00	43.90 2.13 0.00	40.10 1.98 0.00	36.51 1.84 0.00	35.29 1.84 0.00	32.35 1.63 0.00	31.16 1.82 0.00
KCE_NY_6_ESR 323823	31.86 -1.78 0.00	29.59 -1.56 0.00	28.77 -1.67 0.00	28.33 -1.74 0.00	28.38 -1.59 0.00	30.51 -1.71 0.00	36.37 -3.34 0.00	39.01 -3.95 0.00	38.43 -4.65 -0.07	39.02 -4.34 0.00	36.92 -4.80 0.00	36.74 -4.31 0.00	35.95 -4.13 0.00	35.70 -4.15 0.00	35.29 -4.19 0.00	36.45 -4.05 0.00	36.83 -3.91 0.00	39.06 -3.86 0.00	37.80 -3.97 0.00	34.65 -3.47 0.00	31.62 -3.05 0.00	30.37 -3.08 0.00	28.17 -2.55 0.00	27.40 -1.94 0.00
KEDC PORT_JEFF_GT2 24210	46.98 2.72 -10.61	41.35 2.52 -7.68	37.03 2.53 -4.06	39.16 2.47 -6.62	40.78 2.43 -8.38	44.46 2.71 -9.54	55.51 3.61 -12.19	58.56 4.51 -11.08	57.66 4.60 -10.05	54.64 4.38 -6.90	45.85 4.01 -0.13	46.07 3.82 -1.20	44.84 3.85 -0.93	44.61 3.83 -0.93	45.34 3.95 -1.92	45.32 4.05 -0.77	48.00 4.11 -3.15	57.33 4.64 -9.77	53.11 4.34 -6.99	47.73 4.00 -5.61	44.09 3.36 -6.06	41.86 3.28 -5.13	40.41 3.01 -6.68	33.80 2.70 -1.76
KEDC PORT_JEFF_GT3 24211	46.98 2.72 -10.61	41.35 2.52 -7.68	37.03 2.53 -4.06	39.16 2.47 -6.62	40.78 2.43 -8.38	44.46 2.71 -9.54	55.51 3.61 -12.19	58.56 4.51 -11.08	57.66 4.60 -10.05	54.64 4.38 -6.90	45.85 4.01 -0.13	46.07 3.82 -1.20	44.84 3.85 -0.93	44.61 3.83 -0.93	45.34 3.95 -1.92	45.32 4.05 -0.77	48.00 4.11 -3.15	57.33 4.64 -9.77	53.11 4.34 -6.99	47.73 4.00 -5.61	44.09 3.36 -6.06	41.86 3.28 -5.13	40.41 3.01 -6.68	33.80 2.70 -1.76
KEDC_GLWD_GT4 24219	46.44 2.19 -10.61	40.85 2.02 -7.68	36.54 2.04 -4.06	38.68 1.98 -6.62	40.30 1.95 -8.38	43.94 2.19 -9.54	54.47 2.58 -12.19	57.44 3.39 -11.08	56.58 3.53 -10.05	53.86 3.60 -6.90	45.01 3.17 -0.13	45.53 3.29 -1.20	44.16 3.16 -0.93	43.89 3.11 -0.93	44.59 3.20 -1.92	44.59 3.32 -0.77	46.82 2.93 -3.15	56.07 3.39 -9.76	51.89 3.13 -6.98	46.61 2.90 -5.59	43.47 2.74 -6.06	41.32 2.74 -5.13	39.88 2.49 -6.68	33.36 2.26 -1.76
KEDC_GLWD_GT5 24220	46.44 2.19 -10.61	40.85 2.02 -7.68	36.54 2.04 -4.06	38.68 1.98 -6.62	40.30 1.95 -8.38	43.94 2.19 -9.54	54.47 2.58 -12.19	57.44 3.39 -11.08	56.58 3.53 -10.05	53.86 3.60 -6.90	45.01 3.17 -0.13	45.53 3.29 -1.20	44.16 3.16 -0.93	43.89 3.11 -0.93	44.59 3.20 -1.92	44.59 3.32 -0.77	46.82 2.93 -3.15	56.07 3.39 -9.76	51.89 3.13 -6.98	46.61 2.90 -5.59	43.47 2.74 -6.06	41.32 2.74 -5.13	39.88 2.49 -6.68	33.36 2.26 -1.76
KENSICO____ 23655	35.09 1.45 0.00	32.52 1.37 0.00	31.85 1.40 0.00	31.39 1.32 0.00	31.26 1.29 0.00	33.66 1.45 0.00	41.73 2.03 0.00	45.76 2.79 0.00	46.36 2.84 -0.52	45.83 2.47 0.00	44.01 2.29 0.00	43.35 2.30 0.00	42.24 2.16 0.00	42.00 2.15 0.00	41.72 2.25 0.00	42.89 2.39 0.00	43.18 2.44 0.00	45.54 2.62 0.00	44.20 2.42 0.00	40.37 2.25 0.00	36.61 1.94 0.00	35.32 1.87 0.00	32.53 1.81 0.00	30.95 1.61 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.29 1.65 0.00	32.65 1.50 0.00	31.94 1.49 0.00	31.54 1.47 0.00	31.38 1.41 0.00	33.86 1.64 0.00	41.89 2.18 0.00	45.89 2.92 0.00	46.38 2.88 -0.49	45.83 2.47 0.00	44.05 2.34 0.00	43.27 2.22 0.00	42.16 2.08 0.00	41.92 2.07 0.00	41.64 2.17 0.00	42.93 2.43 0.00	43.27 2.53 0.00	45.67 2.75 0.00	44.49 2.72 0.00	40.41 2.29 0.00	36.54 1.87 0.00	35.19 1.74 0.00	32.44 1.72 0.00	30.87 1.53 0.00

KIAC_JFK_GT1 23816	35.19 1.55 0.00	32.65 1.50 0.00	31.97 1.52 0.00	31.48 1.41 0.00	31.35 1.38 0.00	33.82 1.61 0.00	41.93 2.22 0.00	46.19 3.22 0.00	46.84 3.31 -0.52	46.26 2.91 0.00	44.43 2.71 0.00	43.76 2.71 0.00	42.64 2.56 0.00	42.40 2.55 0.00	42.16 2.68 0.00	43.41 2.92 0.00	43.67 2.93 0.00	46.05 3.13 0.00	44.66 2.88 0.00	40.83 2.71 0.00	36.96 2.29 0.00	35.65 2.21 0.00	32.90 2.18 0.00	31.16 1.82 0.00
KIAC_JFK_GT2 23817	35.19 1.55 0.00	32.65 1.50 0.00	31.97 1.52 0.00	31.48 1.41 0.00	31.35 1.38 0.00	33.82 1.61 0.00	41.93 2.22 0.00	46.19 3.22 0.00	46.84 3.31 -0.52	46.26 2.91 0.00	44.43 2.71 0.00	43.76 2.71 0.00	42.64 2.56 0.00	42.40 2.55 0.00	42.16 2.68 0.00	43.41 2.92 0.00	43.67 2.93 0.00	46.05 3.13 0.00	44.66 2.88 0.00	40.83 2.71 0.00	36.96 2.29 0.00	35.65 2.21 0.00	32.90 2.18 0.00	31.16 1.82 0.00
KIAC_JFK____ 323774	35.19 1.55 0.00	32.61 1.46 0.00	31.97 1.52 0.00	31.48 1.41 0.00	31.35 1.38 0.00	33.82 1.61 0.00	41.93 2.22 0.00	46.10 3.13 0.00	46.84 3.31 -0.52	46.74 3.38 0.00	44.43 2.71 0.00	43.72 2.67 0.00	42.64 2.57 0.00	42.40 2.55 0.00	42.16 2.69 0.00	43.29 2.79 0.00	43.43 2.69 0.00	46.10 3.18 0.00	44.65 2.88 0.00	40.83 2.71 0.00	36.96 2.29 0.00	35.79 2.34 0.00	32.90 2.18 0.00	31.16 1.82 0.00
KINTIGH____ 23543	31.05 -2.59 0.00	28.78 -2.37 0.00	28.13 -2.31 0.00	27.73 -2.35 0.00	27.78 -2.19 0.00	29.86 -2.35 0.00	35.78 -3.93 0.00	38.41 -4.55 0.00	38.48 -4.60 -0.07	38.03 -5.33 0.00	36.67 -5.05 0.00	36.21 -4.84 0.00	35.54 -4.53 0.00	35.31 -4.54 0.00	34.89 -4.58 0.00	35.72 -4.78 0.00	35.73 -5.01 0.00	38.29 -4.64 0.00	37.35 -4.43 0.00	34.19 -3.93 0.00	31.20 -3.47 0.00	30.64 -2.81 0.00	27.83 -2.89 0.00	26.99 -2.35 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	35.73 2.09 0.00	33.05 1.90 0.00	32.18 1.74 0.00	31.82 1.74 0.00	31.71 1.74 0.00	33.63 1.42 0.00	41.41 1.71 0.00	44.94 1.98 0.00	44.60 1.59 0.00	45.31 1.95 0.00	43.63 1.92 0.00	42.81 1.77 0.00	41.63 1.56 0.00	41.48 1.63 0.00	40.85 1.38 0.00	41.67 1.17 0.00	41.84 1.10 0.00	43.78 0.86 0.00	42.57 0.79 0.00	38.39 0.27 0.00	34.64 -0.03 0.00	33.28 -0.17 0.00	30.29 -0.43 0.00	29.28 -0.06 0.00
LACHUTE____HYDRO 323717	35.93 2.29 0.00	33.21 2.06 0.00	32.48 2.04 0.00	32.00 1.93 0.00	31.83 1.86 0.00	34.41 2.19 0.00	42.92 3.21 0.00	46.79 3.82 0.00	47.67 4.00 -0.66	47.13 3.77 0.00	45.30 3.59 0.00	44.62 3.57 0.00	43.32 3.24 0.00	43.07 3.23 0.00	42.51 3.04 0.00	43.61 3.12 0.00	44.20 3.46 0.00	46.79 3.86 0.00	45.03 3.26 0.00	41.10 2.98 0.00	37.48 2.81 0.00	36.29 2.84 0.00	33.05 2.33 0.00	32.27 2.93 0.00
LAWRNCALV_115KV_TB1 80681	33.68 0.03 0.00	31.12 -0.03 0.00	30.38 -0.06 0.00	30.04 -0.03 0.00	29.91 -0.06 0.00	32.08 -0.13 0.00	39.43 -0.28 0.00	42.53 -0.43 0.00	42.45 -0.56 0.00	43.23 -0.13 0.00	41.67 -0.04 0.00	40.93 -0.12 0.00	39.91 -0.16 0.00	39.77 -0.08 0.00	39.24 -0.24 0.00	40.17 -0.32 0.00	40.37 -0.37 0.00	42.32 -0.60 0.00	41.31 -0.46 0.00	37.47 -0.65 0.00	34.29 -0.38 0.00	32.98 -0.47 0.00	30.17 -0.55 0.00	28.78 -0.56 0.00
LEDERLE____ 23769	34.99 1.35 0.00	32.43 1.28 0.00	31.72 1.28 0.00	31.30 1.23 0.00	31.17 1.20 0.00	33.60 1.39 0.00	41.57 1.87 0.00	45.58 2.62 0.00	46.17 2.67 -0.50	45.61 2.25 0.00	43.89 2.17 0.00	43.14 2.09 0.00	42.08 2.00 0.00	41.80 1.95 0.00	41.53 2.05 0.00	42.72 2.23 0.00	43.02 2.28 0.00	45.37 2.45 0.00	44.07 2.30 0.00	40.22 2.10 0.00	36.51 1.84 0.00	35.19 1.74 0.00	32.47 1.75 0.00	30.90 1.56 0.00
LIGHTHSE_115KV_TB6 355974	33.04 -0.61 0.00	30.56 -0.59 0.00	29.87 -0.58 0.00	29.50 -0.57 0.00	29.46 -0.51 0.00	31.63 -0.58 0.00	38.99 -0.71 0.00	42.32 -0.64 0.00	42.31 -0.73 -0.04	42.45 -0.91 0.00	40.88 -0.83 0.00	40.23 -0.82 0.00	39.43 -0.64 0.00	39.21 -0.64 0.00	38.88 -0.59 0.00	39.85 -0.65 0.00	40.13 -0.61 0.00	42.45 -0.47 0.00	41.27 -0.50 0.00	37.63 -0.50 0.00	34.22 -0.45 0.00	32.98 -0.47 0.00	30.14 -0.58 0.00	28.78 -0.56 0.00
LINDEN COGEN____ 23786	34.99 1.35 0.00	32.43 1.28 0.00	31.78 1.34 0.00	31.33 1.26 0.00	31.20 1.23 0.00	33.63 1.42 0.00	41.61 1.91 0.00	45.72 2.75 0.00	46.41 2.88 -0.52	46.31 2.95 0.00	44.05 2.33 0.00	43.35 2.30 0.00	42.27 2.20 0.00	42.04 2.19 0.00	41.76 2.29 0.00	42.84 2.35 0.00	42.98 2.24 0.00	45.58 2.66 0.00	44.15 2.38 0.00	40.37 2.25 0.00	36.58 1.91 0.00	35.49 2.04 0.00	32.59 1.87 0.00	30.95 1.61 0.00
LINDHRST_69_KV_BK1 356055	46.84 2.59 -10.60	41.25 2.43 -7.67	36.90 2.41 -4.05	39.03 2.35 -6.61	40.65 2.31 -8.37	44.29 2.54 -9.53	55.30 3.41 -12.18	58.42 4.38 -11.07	57.43 4.39 -10.04	54.15 3.90 -6.89	45.59 3.75 -0.12	45.98 3.74 -1.20	44.64 3.65 -0.92	44.40 3.63 -0.93	45.14 3.75 -1.91	45.23 3.97 -0.76	47.95 4.07 -3.14	57.01 4.34 -9.75	52.84 4.09 -6.97	47.48 3.77 -5.58	43.95 3.22 -6.05	41.61 3.04 -5.12	40.27 2.89 -6.67	33.71 2.61 -1.75
LIPA_MISC_IPP 23656	47.01 2.76 -10.60	41.37 2.55 -7.67	37.05 2.56 -4.05	39.18 2.50 -6.61	40.80 2.46 -8.37	44.48 2.74 -9.53	55.58 3.69 -12.18	58.72 4.68 -11.07	57.69 4.64 -10.04	54.11 3.86 -6.89	45.88 4.05 -0.12	46.15 3.90 -1.20	44.96 3.97 -0.92	44.68 3.91 -0.93	45.45 4.07 -1.91	45.47 4.21 -0.76	48.24 4.36 -3.14	57.31 4.64 -9.76	53.14 4.39 -6.98	47.79 4.08 -5.59	44.15 3.43 -6.05	41.78 3.21 -5.12	40.43 3.04 -6.67	33.82 2.73 -1.75
LISF____SOLAR 323691	47.11 2.86 -10.61	41.41 2.58 -7.68	37.12 2.62 -4.06	39.25 2.55 -6.62	40.87 2.52 -8.38	44.55 2.80 -9.54	55.67 3.77 -12.19	58.77 4.73 -11.08	57.83 4.77 -10.05	54.68 4.42 -6.90	46.02 4.17 -0.13	46.23 3.98 -1.20	45.04 4.05 -0.93	44.77 3.98 -0.93	45.54 4.14 -1.92	45.48 4.21 -0.77	48.20 4.32 -3.15	57.54 4.85 -9.77	53.27 4.51 -6.99	47.92 4.19 -5.60	44.23 3.50 -6.06	41.96 3.38 -5.13	40.50 3.10 -6.68	33.89 2.79 -1.76
LITTLE FALLS____HYD 24013	34.42 0.77 0.00	31.84 0.69 0.00	31.02 0.58 0.00	30.58 0.51 0.00	30.36 0.39 0.00	32.57 0.35 0.00	40.14 0.44 0.00	43.39 0.43 0.00	43.39 0.39 0.00	43.66 0.30 0.00	42.05 0.33 0.00	41.38 0.33 0.00	40.47 0.40 0.00	40.25 0.40 0.00	39.87 0.39 0.00	40.90 0.40 0.00	41.15 0.41 0.00	43.35 0.43 0.00	42.19 0.42 0.00	38.50 0.38 0.00	35.05 0.38 0.00	33.88 0.43 0.00	31.12 0.40 0.00	29.69 0.35 0.00
LITTLRIV_115KV_TB1 356100	34.05 0.40 0.00	31.46 0.31 0.00	30.72 0.27 0.00	30.40 0.33 0.00	30.27 0.30 0.00	32.47 0.26 0.00	40.02 0.32 0.00	43.18 0.21 0.00	43.09 0.09 0.00	43.92 0.56 0.00	42.38 0.67 0.00	41.62 0.57 0.00	40.55 0.48 0.00	40.45 0.60 0.00	39.91 0.43 0.00	40.82 0.32 0.00	40.98 0.24 0.00	42.92 0.00 0.00	41.90 0.13 0.00	38.01 -0.11 0.00	34.74 0.07 0.00	33.38 -0.07 0.00	30.50 -0.22 0.00	29.08 -0.26 0.00

LI_NEWBRDGE___DRP 323616	46.17 1.92 -10.60	40.66 1.84 -7.67	36.32 1.83 -4.05	38.46 1.77 -6.61	40.08 1.74 -8.37	43.67 1.93 -9.53	54.47 2.58 -12.18	57.43 3.39 -11.07	56.49 3.44 -10.04	53.33 3.08 -6.89	44.67 2.84 -0.12	45.08 2.83 -1.20	43.71 2.72 -0.92	43.48 2.71 -0.93	44.19 2.80 -1.91	44.26 3.00 -0.76	46.89 3.01 -3.14	55.89 3.22 -9.75	51.75 3.01 -6.97	46.49 2.78 -5.58	43.15 2.43 -6.05	40.91 2.34 -5.12	39.66 2.27 -6.67	33.15 2.05 -1.75
LOCKPORT_115KV_TB60_63_64 80432	31.05 -2.59 0.00	28.75 -2.40 0.00	28.07 -2.37 0.00	27.67 -2.41 0.00	27.75 -2.22 0.00	29.80 -2.42 0.00	35.46 -4.25 0.00	37.98 -4.98 0.00	37.74 -5.33 -0.06	37.42 -5.94 0.00	36.13 -5.59 0.00	35.67 -5.38 0.00	35.06 -5.01 0.00	34.83 -5.02 0.00	34.42 -5.05 0.00	35.23 -5.26 0.00	35.12 -5.62 0.00	37.81 -5.11 0.00	36.89 -4.89 0.00	33.81 -4.31 0.00	30.86 -3.81 0.00	30.40 -3.04 0.00	27.52 -3.19 0.00	26.82 -2.52 0.00
LOCKPORT___CC1 323769	31.05 -2.59 0.00	28.91 -2.24 0.00	28.10 -2.34 0.00	27.66 -2.41 0.00	27.75 -2.22 0.00	29.80 -2.42 0.00	35.46 -4.25 0.00	37.98 -4.98 0.00	37.74 -5.33 -0.06	38.07 -5.29 0.00	36.00 -5.71 0.00	35.84 -5.21 0.00	35.06 -5.01 0.00	34.83 -5.02 0.00	34.42 -5.05 0.00	35.59 -4.90 0.00	36.01 -4.73 0.00	38.07 -4.85 0.00	36.84 -4.93 0.00	33.77 -4.35 0.00	30.86 -3.81 0.00	29.60 -3.85 0.00	27.52 -3.20 0.00	26.85 -2.49 0.00
LOCKPORT___CC2 323770	31.05 -2.59 0.00	28.91 -2.24 0.00	28.10 -2.34 0.00	27.66 -2.41 0.00	27.75 -2.22 0.00	29.80 -2.42 0.00	35.46 -4.25 0.00	37.98 -4.98 0.00	37.74 -5.33 -0.06	38.07 -5.29 0.00	36.00 -5.71 0.00	35.84 -5.21 0.00	35.06 -5.01 0.00	34.83 -5.02 0.00	34.42 -5.05 0.00	35.59 -4.90 0.00	36.01 -4.73 0.00	38.07 -4.85 0.00	36.84 -4.93 0.00	33.77 -4.35 0.00	30.86 -3.81 0.00	29.60 -3.85 0.00	27.52 -3.20 0.00	26.85 -2.49 0.00
LOCKPORT___CC3 323771	31.05 -2.59 0.00	28.91 -2.24 0.00	28.10 -2.34 0.00	27.66 -2.41 0.00	27.75 -2.22 0.00	29.80 -2.42 0.00	35.46 -4.25 0.00	37.98 -4.98 0.00	37.74 -5.33 -0.06	38.07 -5.29 0.00	36.00 -5.71 0.00	35.84 -5.21 0.00	35.06 -5.01 0.00	34.83 -5.02 0.00	34.42 -5.05 0.00	35.59 -4.90 0.00	36.01 -4.73 0.00	38.07 -4.85 0.00	36.84 -4.93 0.00	33.77 -4.35 0.00	30.86 -3.81 0.00	29.60 -3.85 0.00	27.52 -3.20 0.00	26.85 -2.49 0.00
LONG_LAKE_PHOENIX 24014	32.60 -1.04 0.00	30.15 -1.00 0.00	29.47 -0.97 0.00	29.11 -0.96 0.00	29.07 -0.90 0.00	31.25 -0.97 0.00	38.48 -1.23 0.00	41.76 -1.20 0.00	41.84 -1.20 -0.04	41.97 -1.39 0.00	40.38 -1.33 0.00	39.78 -1.27 0.00	38.87 -1.20 0.00	38.65 -1.20 0.00	38.29 -1.18 0.00	39.28 -1.21 0.00	39.48 -1.26 0.00	41.76 -1.16 0.00	40.60 -1.17 0.00	37.09 -1.03 0.00	33.70 -0.97 0.00	32.51 -0.94 0.00	29.80 -0.92 0.00	28.49 -0.85 0.00
LOVETT___3 23632	34.82 1.18 0.00	32.27 1.12 0.00	31.57 1.13 0.00	31.18 1.11 0.00	31.05 1.08 0.00	33.44 1.22 0.00	41.37 1.67 0.00	45.37 2.41 0.00	45.92 2.41 -0.50	45.40 2.04 0.00	43.63 1.92 0.00	42.94 1.89 0.00	41.88 1.80 0.00	41.64 1.79 0.00	41.33 1.86 0.00	42.52 2.02 0.00	42.82 2.08 0.00	45.15 2.23 0.00	43.86 2.09 0.00	40.03 1.91 0.00	36.33 1.66 0.00	35.05 1.61 0.00	32.35 1.63 0.00	30.78 1.44 0.00
LOVETT___4 23642	34.82 1.18 0.00	32.27 1.12 0.00	31.57 1.13 0.00	31.18 1.11 0.00	31.05 1.08 0.00	33.44 1.22 0.00	41.37 1.67 0.00	45.37 2.41 0.00	45.92 2.41 -0.50	45.40 2.04 0.00	43.63 1.92 0.00	42.94 1.89 0.00	41.88 1.80 0.00	41.64 1.79 0.00	41.33 1.86 0.00	42.52 2.02 0.00	42.82 2.08 0.00	45.15 2.23 0.00	43.86 2.09 0.00	40.03 1.91 0.00	36.33 1.66 0.00	35.05 1.61 0.00	32.35 1.63 0.00	30.78 1.44 0.00
LOVETT___5 23593	34.82 1.18 0.00	32.27 1.12 0.00	31.57 1.13 0.00	31.18 1.11 0.00	31.05 1.08 0.00	33.44 1.22 0.00	41.37 1.67 0.00	45.37 2.41 0.00	45.92 2.41 -0.50	45.40 2.04 0.00	43.63 1.92 0.00	42.94 1.89 0.00	41.88 1.80 0.00	41.64 1.79 0.00	41.33 1.86 0.00	42.52 2.02 0.00	42.82 2.08 0.00	45.15 2.23 0.00	43.86 2.09 0.00	40.03 1.91 0.00	36.33 1.66 0.00	35.05 1.61 0.00	32.35 1.63 0.00	30.78 1.44 0.00
LOWER RAQUET___HYD 24057	33.51 -0.13 0.00	31.00 -0.15 0.00	30.23 -0.21 0.00	29.92 -0.15 0.00	29.79 -0.18 0.00	31.92 -0.29 0.00	39.27 -0.44 0.00	42.45 -0.51 0.00	42.32 -0.69 0.00	42.62 -0.74 0.00	41.55 -0.17 0.00	40.80 -0.24 0.00	39.75 -0.32 0.00	39.61 -0.24 0.00	39.12 -0.36 0.00	40.01 -0.48 0.00	40.21 -0.53 0.00	42.06 -0.86 0.00	41.15 -0.63 0.00	37.32 -0.80 0.00	34.11 -0.56 0.00	32.81 -0.64 0.00	29.98 -0.74 0.00	28.64 -0.70 0.00
LOWER___HUDSON 24059	34.92 1.28 0.00	32.33 1.18 0.00	31.63 1.19 0.00	31.21 1.14 0.00	31.11 1.14 0.00	33.47 1.26 0.00	41.45 1.75 0.00	45.07 2.10 0.00	45.81 2.15 -0.65	45.48 2.12 0.00	43.43 1.71 0.00	42.69 1.64 0.00	41.68 1.60 0.00	41.44 1.60 0.00	41.05 1.58 0.00	42.12 1.62 0.00	42.41 1.67 0.00	44.81 1.89 0.00	43.49 1.71 0.00	39.76 1.64 0.00	36.16 1.49 0.00	34.95 1.51 0.00	32.10 1.38 0.00	30.72 1.38 0.00
LOWVILLE_115KV_TB2 356335	34.11 0.47 0.00	31.52 0.37 0.00	30.78 0.33 0.00	30.43 0.36 0.00	30.33 0.36 0.00	32.70 0.48 0.00	40.50 0.79 0.00	43.95 0.99 0.00	43.80 0.77 -0.02	44.14 0.78 0.00	42.47 0.75 0.00	41.71 0.66 0.00	40.75 0.68 0.00	40.61 0.76 0.00	40.22 0.75 0.00	41.23 0.73 0.00	41.55 0.81 0.00	43.87 0.94 0.00	42.65 0.88 0.00	38.77 0.65 0.00	35.22 0.55 0.00	33.92 0.47 0.00	30.96 0.25 0.00	29.46 0.12 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	35.19 1.55 0.00	32.58 1.43 0.00	31.85 1.40 0.00	31.42 1.35 0.00	31.29 1.32 0.00	33.70 1.48 0.00	41.77 2.06 0.00	45.46 2.49 0.00	46.20 2.54 -0.66	45.57 2.21 0.00	43.84 2.13 0.00	43.14 2.09 0.00	42.08 2.00 0.00	41.84 1.99 0.00	41.41 1.93 0.00	42.48 1.98 0.00	42.90 2.16 0.00	45.28 2.36 0.00	43.86 2.09 0.00	40.07 1.94 0.00	36.47 1.80 0.00	35.15 1.71 0.00	32.32 1.60 0.00	31.13 1.79 0.00
LUTHERNY_35_KV_BK2 355980	35.19 1.55 0.00	32.58 1.43 0.00	31.88 1.43 0.00	31.45 1.38 0.00	31.29 1.32 0.00	33.73 1.51 0.00	41.81 2.10 0.00	45.46 2.49 0.00	46.25 2.58 -0.66	45.61 2.25 0.00	43.89 2.17 0.00	43.18 2.13 0.00	42.12 2.04 0.00	41.84 1.99 0.00	41.45 1.97 0.00	42.52 2.02 0.00	42.94 2.20 0.00	45.32 2.40 0.00	43.90 2.13 0.00	40.10 1.98 0.00	36.51 1.84 0.00	35.19 1.74 0.00	32.35 1.63 0.00	31.16 1.82 0.00
LWR___OSWEGATCHIE_HYD 23850	33.44 -0.20 0.00	30.93 -0.22 0.00	30.17 -0.27 0.00	29.86 -0.21 0.00	29.76 -0.21 0.00	31.99 -0.23 0.00	39.47 -0.24 0.00	42.75 -0.21 0.00	42.63 -0.39 -0.01	43.14 -0.22 0.00	41.55 -0.17 0.00	40.84 -0.21 0.00	39.83 -0.24 0.00	39.69 -0.16 0.00	39.28 -0.20 0.00	40.21 -0.28 0.00	40.50 -0.24 0.00	42.58 -0.34 0.00	41.48 -0.29 0.00	37.66 -0.46 0.00	34.32 -0.35 0.00	33.01 -0.43 0.00	30.17 -0.55 0.00	28.72 -0.62 0.00

LYONS_FALL_HYD 23570	34.28 0.64 0.00	31.68 0.53 0.00	30.93 0.49 0.00	30.58 0.51 0.00	30.48 0.51 0.00	32.86 0.64 0.00	40.70 0.99 0.00	44.16 1.20 0.00	44.06 1.03 -0.02	44.44 1.08 0.00	42.72 1.00 0.00	41.95 0.90 0.00	40.99 0.92 0.00	40.80 0.95 0.00	40.42 0.95 0.00	41.47 0.97 0.00	41.80 1.06 0.00	44.08 1.16 0.00	42.82 1.04 0.00	38.96 0.84 0.00	35.40 0.73 0.00	34.08 0.63 0.00	31.18 0.46 0.00	29.69 0.35 0.00
MADISON__COUNTY_LFGE 323628	34.52 0.87 0.00	31.90 0.75 0.00	31.18 0.73 0.00	30.82 0.75 0.00	30.72 0.75 0.00	33.15 0.93 0.00	40.98 1.27 0.00	44.51 1.55 0.00	44.46 1.42 -0.03	44.70 1.34 0.00	43.01 1.27 0.00	42.32 1.28 0.00	41.35 1.28 0.00	41.12 1.28 0.00	40.78 1.30 0.00	41.75 1.26 0.00	42.00 1.26 0.00	44.29 1.37 0.00	43.03 1.25 0.00	39.19 1.07 0.00	35.64 0.97 0.00	34.35 0.90 0.00	31.43 0.71 0.00	29.96 0.62 0.00
MALONE__115KV_TB1 356076	35.12 1.48 0.00	32.49 1.34 0.00	31.66 1.22 0.00	31.30 1.23 0.00	31.20 1.23 0.00	33.24 1.03 0.00	40.94 1.23 0.00	44.34 1.37 0.00	44.08 1.08 0.00	44.88 1.52 0.00	43.22 1.50 0.00	42.44 1.40 0.00	41.31 1.24 0.00	41.16 1.31 0.00	40.54 1.07 0.00	41.39 0.89 0.00	41.55 0.81 0.00	43.48 0.56 0.00	42.32 0.54 0.00	38.24 0.11 0.00	34.67 0.00 0.00	33.31 -0.13 0.00	30.35 -0.37 0.00	29.16 -0.18 0.00
MAPLEWOD_115KV_TB3 80458	34.79 1.14 0.00	32.27 1.12 0.00	31.57 1.13 0.00	31.18 1.11 0.00	31.05 1.08 0.00	33.41 1.19 0.00	41.33 1.63 0.00	44.98 2.02 0.00	45.67 2.02 -0.65	45.14 1.78 0.00	43.22 1.50 0.00	42.57 1.52 0.00	41.55 1.48 0.00	41.32 1.47 0.00	40.93 1.46 0.00	41.99 1.50 0.00	42.33 1.59 0.00	44.59 1.67 0.00	43.28 1.50 0.00	39.61 1.49 0.00	36.09 1.42 0.00	34.75 1.30 0.00	32.01 1.29 0.00	30.57 1.23 0.00
MAPLE_RIDGE_WT_1 323574	33.74 0.10 0.00	31.24 0.09 0.00	30.51 0.06 0.00	30.13 0.06 0.00	30.03 0.06 0.00	32.21 0.00 0.00	39.71 0.00 0.00	42.88 -0.09 0.00	42.88 -0.13 0.00	43.23 -0.13 0.00	41.76 0.04 0.00	41.09 0.04 0.00	40.07 0.00 0.00	39.89 0.04 0.00	39.47 0.00 0.00	40.46 -0.04 0.00	40.70 -0.04 0.00	42.79 -0.13 0.00	41.69 -0.08 0.00	38.01 -0.11 0.00	34.60 -0.07 0.00	33.25 -0.20 0.00	30.54 -0.18 0.00	29.17 -0.17 0.00
MAPLE_RIDGE_WT_2 323611	33.74 0.10 0.00	31.24 0.09 0.00	30.51 0.06 0.00	30.13 0.06 0.00	30.03 0.06 0.00	32.21 0.00 0.00	39.71 0.00 0.00	42.88 -0.09 0.00	42.88 -0.13 0.00	43.23 -0.13 0.00	41.76 0.04 0.00	41.09 0.04 0.00	40.07 0.00 0.00	39.89 0.04 0.00	39.47 0.00 0.00	40.46 -0.04 0.00	40.70 -0.04 0.00	42.79 -0.13 0.00	41.69 -0.08 0.00	38.01 -0.11 0.00	34.60 -0.07 0.00	33.25 -0.20 0.00	30.54 -0.18 0.00	29.17 -0.17 0.00
MARBLE_RIVER_WT_PWR 323696	35.09 1.45 0.00	32.46 1.31 0.00	31.66 1.22 0.00	31.28 1.20 0.00	31.17 1.20 0.00	33.11 0.90 0.00	40.74 1.03 0.00	44.08 1.12 0.00	43.82 0.82 0.00	44.18 0.82 0.00	42.93 1.21 0.00	42.11 1.07 0.00	40.99 0.92 0.00	40.80 0.95 0.00	40.26 0.79 0.00	41.02 0.53 0.00	41.19 0.45 0.00	43.01 0.09 0.00	41.90 0.13 0.00	37.86 -0.26 0.00	34.18 -0.49 0.00	32.88 -0.57 0.00	29.98 -0.74 0.00	28.90 -0.44 0.00
MARSHVLE_115KV_TB1 80742	35.83 2.19 0.00	33.18 2.02 0.00	32.42 1.98 0.00	32.03 1.95 0.00	31.92 1.95 0.00	34.50 2.29 0.00	42.92 3.22 0.00	46.49 3.52 0.00	47.12 3.35 -0.76	46.31 2.95 0.00	44.64 2.92 0.00	43.68 2.63 0.00	42.88 2.81 0.00	42.76 2.91 0.00	42.39 2.92 0.00	43.57 3.08 0.00	43.88 3.14 0.00	46.48 3.56 0.00	44.99 3.22 0.00	40.98 2.86 0.00	37.24 2.57 0.00	35.89 2.44 0.00	32.84 2.12 0.00	31.25 1.91 0.00
MARSH_HILL_WT_PWR 323713	33.48 -0.17 0.00	30.96 -0.19 0.00	30.11 -0.33 0.00	29.62 -0.45 0.00	29.64 -0.33 0.00	31.89 -0.32 0.00	38.55 -1.15 0.00	41.72 -1.25 0.00	41.22 -1.89 -0.10	41.76 -1.60 0.00	39.76 -1.96 0.00	39.33 -1.72 0.00	38.43 -1.64 0.00	38.18 -1.67 0.00	37.78 -1.70 0.00	38.83 -1.66 0.00	39.19 -1.55 0.00	41.59 -1.33 0.00	40.06 -1.71 0.00	36.67 -1.45 0.00	33.28 -1.39 0.00	31.94 -1.50 0.00	29.43 -1.29 0.00	28.37 -0.97 0.00
MCINTYRE_115KV_TB2 80467	34.42 0.77 0.00	31.80 0.65 0.00	31.05 0.61 0.00	30.70 0.63 0.00	30.57 0.60 0.00	32.79 0.58 0.00	40.38 0.68 0.00	43.61 0.64 0.00	43.52 0.52 0.00	44.36 1.00 0.00	42.80 1.08 0.00	42.03 0.99 0.00	40.95 0.88 0.00	40.84 1.00 0.00	40.30 0.83 0.00	41.23 0.73 0.00	41.39 0.65 0.00	43.31 0.39 0.00	42.28 0.50 0.00	38.39 0.27 0.00	35.09 0.42 0.00	33.75 0.30 0.00	30.84 0.12 0.00	29.40 0.06 0.00
MECO____69_KV_BK1 80468	37.51 3.87 0.00	34.73 3.58 0.00	33.95 3.50 0.00	33.50 3.43 0.00	33.36 3.39 0.00	36.14 3.93 0.00	45.07 5.36 0.00	48.85 5.89 0.00	49.41 5.68 -0.73	48.39 5.03 0.00	46.76 5.05 0.00	45.52 4.47 0.00	44.76 4.69 0.00	44.75 4.90 0.00	44.33 4.86 0.00	45.60 5.10 0.00	46.24 5.50 0.00	48.97 6.05 0.00	47.20 5.43 0.00	43.00 4.88 0.00	39.18 4.51 0.00	37.56 4.11 0.00	34.34 3.62 0.00	32.63 3.29 0.00
MENANDS__115KV_TB5 355628	34.65 1.01 0.00	32.18 1.03 0.00	31.48 1.04 0.00	31.06 0.99 0.00	30.93 0.96 0.00	33.24 1.03 0.00	41.18 1.47 0.00	44.77 1.80 0.00	45.46 1.81 -0.64	44.96 1.60 0.00	43.01 1.29 0.00	42.36 1.31 0.00	41.35 1.28 0.00	41.12 1.28 0.00	40.74 1.26 0.00	41.79 1.30 0.00	42.12 1.39 0.00	44.34 1.42 0.00	43.03 1.25 0.00	39.42 1.30 0.00	35.92 1.25 0.00	34.58 1.14 0.00	31.89 1.17 0.00	30.43 1.09 0.00
MG INDUSTRY__DRP 24185	34.72 1.08 0.00	32.21 1.06 0.00	31.51 1.07 0.00	31.09 1.02 0.00	30.96 0.99 0.00	33.28 1.06 0.00	41.14 1.43 0.00	44.68 1.72 0.00	45.36 1.72 -0.63	44.83 1.47 0.00	42.97 1.25 0.00	42.32 1.27 0.00	41.31 1.24 0.00	41.04 1.20 0.00	40.70 1.22 0.00	41.75 1.26 0.00	42.04 1.30 0.00	44.29 1.37 0.00	43.03 1.25 0.00	39.38 1.26 0.00	35.92 1.25 0.00	34.62 1.17 0.00	31.89 1.17 0.00	30.46 1.11 0.00
MID__OSWEGATCHIE_HYD 23849	33.44 -0.20 0.00	30.93 -0.22 0.00	30.17 -0.27 0.00	29.86 -0.21 0.00	29.76 -0.21 0.00	31.99 -0.23 0.00	39.47 -0.24 0.00	42.75 -0.21 0.00	42.63 -0.39 -0.01	43.14 -0.22 0.00	41.55 -0.17 0.00	40.84 -0.21 0.00	39.83 -0.24 0.00	39.69 -0.16 0.00	39.28 -0.20 0.00	40.21 -0.28 0.00	40.50 -0.24 0.00	42.58 -0.34 0.00	41.48 -0.29 0.00	37.66 -0.46 0.00	34.32 -0.35 0.00	33.01 -0.43 0.00	30.17 -0.55 0.00	28.72 -0.62 0.00
MID__RAQUETTE_HYD 23851	33.51 -0.13 0.00	30.99 -0.16 0.00	30.23 -0.21 0.00	29.92 -0.15 0.00	29.79 -0.18 0.00	31.92 -0.29 0.00	39.27 -0.44 0.00	42.41 -0.56 0.00	42.32 -0.69 0.00	43.10 -0.26 0.00	41.55 -0.17 0.00	40.80 -0.25 0.00	39.75 -0.32 0.00	39.61 -0.24 0.00	39.12 -0.36 0.00	40.05 -0.45 0.00	40.25 -0.49 0.00	42.15 -0.77 0.00	41.15 -0.63 0.00	37.32 -0.80 0.00	34.11 -0.55 0.00	32.81 -0.64 0.00	29.98 -0.74 0.00	28.64 -0.70 0.00

MILLIKEN___1 23584	34.05 0.40 0.00	31.46 0.31 0.00	30.75 0.30 0.00	30.34 0.27 0.00	30.30 0.33 0.00	32.63 0.42 0.00	40.18 0.48 0.00	43.69 0.73 0.00	43.67 0.56 -0.11	43.71 0.35 0.00	42.09 0.38 0.00	41.42 0.37 0.00	40.51 0.44 0.00	40.25 0.40 0.00	39.91 0.43 0.00	40.90 0.40 0.00	41.15 0.41 0.00	43.61 0.69 0.00	42.32 0.54 0.00	38.62 0.50 0.00	35.05 0.38 0.00	33.82 0.37 0.00	30.93 0.22 0.00	29.55 0.21 0.00
MILLIKEN___2 23585	34.05 0.40 0.00	31.46 0.31 0.00	30.75 0.30 0.00	30.34 0.27 0.00	30.30 0.33 0.00	32.63 0.42 0.00	40.18 0.48 0.00	43.69 0.73 0.00	43.67 0.56 -0.11	43.71 0.35 0.00	42.09 0.38 0.00	41.42 0.37 0.00	40.51 0.44 0.00	40.25 0.40 0.00	39.91 0.43 0.00	40.90 0.40 0.00	41.15 0.41 0.00	43.61 0.69 0.00	42.32 0.54 0.00	38.62 0.50 0.00	35.05 0.38 0.00	33.82 0.37 0.00	30.93 0.22 0.00	29.55 0.21 0.00
MILLIKEN___DIESEL 23629	34.05 0.40 0.00	31.46 0.31 0.00	30.75 0.30 0.00	30.34 0.27 0.00	30.30 0.33 0.00	32.63 0.42 0.00	40.18 0.48 0.00	43.69 0.73 0.00	43.67 0.56 -0.11	43.71 0.35 0.00	42.09 0.38 0.00	41.42 0.37 0.00	40.51 0.44 0.00	40.25 0.40 0.00	39.91 0.43 0.00	40.90 0.40 0.00	41.15 0.41 0.00	43.61 0.69 0.00	42.32 0.54 0.00	38.62 0.50 0.00	35.05 0.38 0.00	33.82 0.37 0.00	30.93 0.22 0.00	29.55 0.21 0.00
MILLSEAT___LFGE 323607	31.69 -1.95 0.00	29.47 -1.68 0.00	28.59 -1.86 0.00	28.24 -1.84 0.00	28.29 -1.68 0.00	30.41 -1.80 0.00	36.33 -3.38 0.00	39.10 -3.87 0.00	38.94 -4.13 -0.06	39.24 -4.12 0.00	37.17 -4.55 0.00	36.94 -4.10 0.00	36.15 -3.93 0.00	35.94 -3.90 0.00	35.49 -3.99 0.00	36.69 -3.81 0.00	37.07 -3.67 0.00	39.14 -3.78 0.00	37.97 -3.80 0.00	34.69 -3.43 0.00	31.62 -3.05 0.00	30.30 -3.15 0.00	28.11 -2.61 0.00	27.32 -2.02 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.06 1.41 0.00	32.49 1.34 0.00	31.78 1.34 0.00	31.36 1.29 0.00	31.20 1.23 0.00	33.63 1.42 0.00	41.65 1.95 0.00	45.67 2.71 0.00	46.27 2.75 -0.52	45.74 2.38 0.00	43.93 2.21 0.00	43.22 2.18 0.00	42.16 2.08 0.00	41.92 2.07 0.00	41.60 2.13 0.00	42.80 2.31 0.00	43.10 2.36 0.00	45.45 2.53 0.00	44.11 2.34 0.00	40.29 2.17 0.00	36.54 1.87 0.00	35.25 1.81 0.00	32.50 1.78 0.00	30.92 1.58 0.00
MILLWOOD_13_KV_LOAD 356217	35.12 1.48 0.00	32.55 1.40 0.00	31.85 1.40 0.00	31.42 1.35 0.00	31.26 1.29 0.00	33.66 1.45 0.00	41.73 2.03 0.00	45.80 2.84 0.00	46.40 2.88 -0.52	45.83 2.47 0.00	44.05 2.34 0.00	43.35 2.30 0.00	42.24 2.16 0.00	42.00 2.15 0.00	41.72 2.25 0.00	42.93 2.43 0.00	43.18 2.44 0.00	45.58 2.66 0.00	44.24 2.46 0.00	40.41 2.29 0.00	36.65 1.98 0.00	35.32 1.87 0.00	32.53 1.81 0.00	30.95 1.61 0.00
MODEL_CITY_ENERGY 24167	30.65 -2.99 0.00	28.53 -2.62 0.00	27.73 -2.71 0.00	27.33 -2.74 0.00	27.39 -2.58 0.00	29.41 -2.80 0.00	34.98 -4.73 0.00	37.46 -5.50 0.00	37.22 -5.85 -0.06	37.55 -5.81 0.00	35.46 -6.26 0.00	35.30 -5.75 0.00	34.54 -5.53 0.00	34.31 -5.54 0.00	33.91 -5.56 0.00	35.11 -5.39 0.00	35.52 -5.22 0.00	37.55 -5.37 0.00	36.34 -5.43 0.00	33.35 -4.77 0.00	30.44 -4.23 0.00	29.23 -4.22 0.00	27.19 -3.53 0.00	26.52 -2.82 0.00
MODERN_LFGE___ 323580	30.65 -2.99 0.00	28.53 -2.62 0.00	27.73 -2.71 0.00	27.33 -2.74 0.00	27.39 -2.58 0.00	29.41 -2.80 0.00	34.98 -4.73 0.00	37.46 -5.50 0.00	37.22 -5.85 -0.06	37.55 -5.81 0.00	35.46 -6.26 0.00	35.30 -5.75 0.00	34.54 -5.53 0.00	34.31 -5.54 0.00	33.91 -5.56 0.00	35.11 -5.39 0.00	35.52 -5.22 0.00	37.55 -5.37 0.00	36.34 -5.43 0.00	33.35 -4.77 0.00	30.44 -4.23 0.00	29.23 -4.22 0.00	27.19 -3.53 0.00	26.52 -2.82 0.00
MOHAWK_PAPER___DRP 24187	34.79 1.14 0.00	32.27 1.12 0.00	31.57 1.13 0.00	31.18 1.11 0.00	31.05 1.08 0.00	33.41 1.19 0.00	41.33 1.63 0.00	44.98 2.02 0.00	45.67 2.02 -0.65	45.14 1.78 0.00	43.22 1.50 0.00	42.57 1.52 0.00	41.55 1.48 0.00	41.32 1.47 0.00	40.93 1.46 0.00	41.99 1.50 0.00	42.33 1.59 0.00	44.59 1.67 0.00	43.28 1.50 0.00	39.61 1.49 0.00	36.09 1.42 0.00	34.75 1.30 0.00	32.01 1.29 0.00	30.57 1.23 0.00
MOHICAN___35_KV_115KV_LD 80490	34.99 1.35 0.00	32.37 1.21 0.00	31.63 1.19 0.00	31.21 1.14 0.00	31.08 1.11 0.00	33.50 1.29 0.00	41.69 1.99 0.00	45.37 2.41 0.00	46.16 2.49 -0.66	45.48 2.12 0.00	43.84 2.13 0.00	43.14 2.09 0.00	42.04 1.96 0.00	41.80 1.95 0.00	41.33 1.86 0.00	42.40 1.90 0.00	42.90 2.16 0.00	45.28 2.36 0.00	43.74 1.96 0.00	39.95 1.83 0.00	36.37 1.70 0.00	35.12 1.67 0.00	32.25 1.54 0.00	31.51 2.17 0.00
MONGAUP___HYD 23641	35.16 1.52 0.00	32.49 1.34 0.00	31.82 1.37 0.00	31.39 1.32 0.00	31.26 1.29 0.00	33.70 1.48 0.00	41.34 1.63 0.00	45.07 2.10 0.00	45.63 2.15 -0.48	45.48 2.12 0.00	43.39 1.67 0.00	42.61 1.56 0.00	41.51 1.44 0.00	41.28 1.43 0.00	41.01 1.54 0.00	42.20 1.70 0.00	42.53 1.79 0.00	45.07 2.15 0.00	43.82 2.05 0.00	39.84 1.72 0.00	36.40 1.73 0.00	35.22 1.77 0.00	32.28 1.57 0.00	30.75 1.41 0.00
MONTAUK___DIESEL 23721	48.22 3.97 -10.60	42.43 3.61 -7.67	38.06 3.56 -4.05	40.17 3.49 -6.61	41.82 3.48 -8.37	45.61 3.87 -9.53	57.01 5.12 -12.18	60.35 6.32 -11.07	59.33 6.28 -10.04	55.63 5.38 -6.89	47.51 5.67 -0.12	47.75 5.50 -1.20	46.52 5.53 -0.92	46.15 5.38 -0.93	46.95 5.57 -1.91	47.05 5.79 -0.76	49.83 5.95 -3.14	59.12 6.44 -9.76	54.89 6.14 -6.98	49.36 5.64 -5.59	45.51 4.78 -6.05	42.95 4.38 -5.12	41.41 4.02 -6.67	34.70 3.61 -1.75
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.00 -0.64 0.00	30.28 -0.87 0.00	29.35 -1.10 0.00	28.90 -1.17 0.00	28.65 -1.32 0.00	30.80 -1.42 0.00	37.01 -2.70 0.00	39.31 -3.65 0.00	38.48 -4.60 -0.08	38.55 -4.81 0.00	37.09 -4.63 0.00	36.66 -4.39 0.00	35.94 -4.13 0.00	35.62 -4.22 0.00	35.21 -4.26 0.00	35.96 -4.54 0.00	35.81 -4.93 0.00	38.63 -4.29 0.00	37.55 -4.22 0.00	34.42 -3.70 0.00	31.38 -3.29 0.00	30.84 -2.61 0.00	28.17 -2.55 0.00	27.79 -1.56 0.00
MORTIMER_115KV_TB3 55949	32.13 -1.51 0.00	29.72 -1.43 0.00	28.98 -1.46 0.00	28.66 -1.41 0.00	28.65 -1.32 0.00	30.83 -1.39 0.00	37.32 -2.38 0.00	40.34 -2.62 0.00	40.49 -2.58 -0.06	40.24 -3.12 0.00	38.80 -2.92 0.00	38.26 -2.79 0.00	37.51 -2.56 0.00	37.26 -2.59 0.00	36.83 -2.64 0.00	37.74 -2.75 0.00	37.77 -2.97 0.00	40.22 -2.70 0.00	39.18 -2.59 0.00	35.76 -2.36 0.00	32.55 -2.11 0.00	31.74 -1.71 0.00	28.88 -1.84 0.00	27.84 -1.50 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.19 1.55 0.00	32.65 1.50 0.00	31.97 1.52 0.00	31.51 1.44 0.00	31.38 1.41 0.00	33.79 1.58 0.00	41.85 2.14 0.00	46.01 3.05 0.00	46.62 3.10 -0.52	46.09 2.73 0.00	44.26 2.54 0.00	43.59 2.55 0.00	42.48 2.40 0.00	42.24 2.39 0.00	41.96 2.49 0.00	43.17 2.67 0.00	43.43 2.69 0.00	45.80 2.88 0.00	44.41 2.63 0.00	40.56 2.44 0.00	36.78 2.11 0.00	35.49 2.04 0.00	32.75 2.03 0.00	31.10 1.76 0.00

MUNSVILLE_WIND_PWR 323609	36.84 3.20 0.00	33.98 2.83 0.00	33.12 2.68 0.00	32.72 2.65 0.00	32.58 2.61 0.00	35.14 2.93 0.00	43.52 3.81 0.00	47.26 4.30 0.00	46.82 3.65 -0.16	47.04 3.68 0.00	44.93 3.21 0.00	44.04 3.00 0.00	43.08 3.01 0.00	42.76 2.91 0.00	42.32 2.84 0.00	43.37 2.88 0.00	43.75 3.01 0.00	46.40 3.48 0.00	44.91 3.13 0.00	40.83 2.71 0.00	37.10 2.43 0.00	35.72 2.28 0.00	32.59 1.87 0.00	30.84 1.50 0.00
N SALMON___HYD 24042	35.12 1.48 0.00	32.49 1.34 0.00	31.66 1.22 0.00	31.30 1.23 0.00	31.20 1.23 0.00	33.24 1.03 0.00	40.94 1.23 0.00	44.43 1.46 0.00	44.08 1.08 0.00	44.44 1.08 0.00	43.22 1.50 0.00	42.45 1.40 0.00	41.32 1.24 0.00	41.16 1.31 0.00	40.54 1.07 0.00	41.39 0.89 0.00	41.55 0.81 0.00	43.39 0.47 0.00	42.32 0.54 0.00	38.24 0.11 0.00	34.67 0.00 0.00	33.31 -0.13 0.00	30.35 -0.37 0.00	29.17 -0.17 0.00
N.AKRON___115KV_KNAPP 355671	31.69 -1.95 0.00	29.31 -1.84 0.00	28.59 -1.86 0.00	28.21 -1.86 0.00	28.29 -1.68 0.00	30.41 -1.80 0.00	36.33 -3.38 0.00	39.01 -3.95 0.00	38.90 -4.17 -0.06	38.59 -4.77 0.00	37.21 -4.51 0.00	36.74 -4.31 0.00	36.10 -3.97 0.00	35.86 -3.98 0.00	35.45 -4.03 0.00	36.28 -4.21 0.00	36.18 -4.56 0.00	38.84 -4.08 0.00	37.89 -3.88 0.00	34.65 -3.47 0.00	31.58 -3.09 0.00	31.04 -2.41 0.00	28.11 -2.61 0.00	27.32 -2.02 0.00
N.BELMOR_69_KV_BK1 55787	46.47 2.22 -10.60	40.91 2.09 -7.67	36.57 2.07 -4.05	38.67 1.98 -6.61	40.29 1.95 -8.37	43.93 2.19 -9.53	54.78 2.90 -12.18	57.82 3.78 -11.07	56.87 3.83 -10.04	53.68 3.43 -6.89	45.09 3.25 -0.12	45.49 3.24 -1.20	44.07 3.09 -0.92	43.84 3.07 -0.93	44.54 3.16 -1.91	44.62 3.36 -0.76	47.34 3.46 -3.14	56.36 3.69 -9.75	52.25 3.51 -6.97	46.91 3.20 -5.58	43.53 2.81 -6.05	41.21 2.64 -5.12	39.91 2.52 -6.67	33.38 2.29 -1.75
N.E_GEN_SANDY PD 24062	37.92 1.45 -2.83	39.40 1.34 -6.91	38.13 1.37 -6.31	36.97 1.32 -5.58	37.40 1.29 -6.14	39.90 1.45 -6.24	56.10 1.95 -14.45	61.44 2.40 -16.07	56.20 2.45 -10.74	52.20 2.47 -6.37	48.00 1.96 -4.32	48.90 1.85 -6.00	48.10 1.80 -6.22	47.43 1.75 -5.83	44.00 1.82 -2.71	42.36 1.86 0.00	44.37 1.88 -1.76	50.80 2.15 -5.73	48.28 1.96 -4.54	44.40 1.87 -4.41	41.80 1.66 -5.47	36.53 1.67 -1.41	33.78 1.60 -1.46	32.42 1.50 -1.58
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.89 1.24 0.00	32.30 1.15 0.00	31.63 1.19 0.00	31.21 1.14 0.00	31.08 1.11 0.00	33.47 1.26 0.00	41.41 1.71 0.00	45.46 2.49 0.00	46.00 2.49 -0.50	45.48 2.12 0.00	43.72 2.00 0.00	43.02 1.97 0.00	41.92 1.84 0.00	41.68 1.83 0.00	41.41 1.93 0.00	42.56 2.07 0.00	42.86 2.12 0.00	45.24 2.32 0.00	43.95 2.17 0.00	40.10 1.98 0.00	36.40 1.73 0.00	35.09 1.64 0.00	32.38 1.66 0.00	30.84 1.50 0.00
N.QUEENS_27_KV_LOAD 356247	35.49 1.85 0.00	32.89 1.74 0.00	32.15 1.70 0.00	31.63 1.56 0.00	31.68 1.71 0.00	33.92 1.71 0.00	41.93 2.22 0.00	46.14 3.18 0.00	46.62 3.10 -0.52	46.09 2.73 0.00	44.22 2.50 0.00	43.59 2.55 0.00	42.48 2.40 0.00	42.24 2.39 0.00	42.00 2.53 0.00	43.21 2.71 0.00	43.47 2.73 0.00	45.84 2.92 0.00	44.45 2.67 0.00	40.64 2.52 0.00	36.85 2.18 0.00	35.79 2.34 0.00	32.91 2.18 -0.01	31.40 2.05 -0.01
N.TROY___115KV_TB1 355778	34.92 1.28 0.00	32.37 1.21 0.00	31.63 1.19 0.00	31.21 1.14 0.00	31.11 1.14 0.00	33.47 1.26 0.00	41.45 1.75 0.00	45.11 2.15 0.00	45.81 2.15 -0.65	45.22 1.86 0.00	43.43 1.71 0.00	42.73 1.68 0.00	41.67 1.60 0.00	41.44 1.59 0.00	41.05 1.58 0.00	42.16 1.66 0.00	42.49 1.75 0.00	44.77 1.85 0.00	43.49 1.71 0.00	39.76 1.64 0.00	36.16 1.49 0.00	34.85 1.40 0.00	32.10 1.38 0.00	30.72 1.38 0.00
NARROWS_GT1_1 24228	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
NARROWS_GT1_2 24229	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
NARROWS_GT1_3 24230	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
NARROWS_GT1_4 24231	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
NARROWS_GT1_5 24232	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
NARROWS_GT1_6 24233	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
NARROWS_GT1_7 24234	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01

NARROWS_GT1_8 24235	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
NARROWS_GT2_1 24236	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
NARROWS_GT2_2 24237	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
NARROWS_GT2_3 24238	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
NARROWS_GT2_4 24239	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
NARROWS_GT2_5 24240	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
NARROWS_GT2_6 24241	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
NARROWS_GT2_7 24242	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
NARROWS_GT2_8 24243	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.51 2.77 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.90 2.78 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	35.26 1.61 0.00	32.68 1.53 0.00	32.00 1.55 0.00	31.57 1.50 0.00	31.44 1.47 0.00	33.82 1.61 0.00	41.93 2.22 0.00	45.46 2.49 0.00	45.81 2.19 -0.61	45.48 2.12 0.00	43.43 1.71 0.00	42.77 1.72 0.00	41.67 1.60 0.00	41.44 1.59 0.00	41.05 1.58 0.00	42.24 1.74 0.00	42.65 1.91 0.00	44.98 2.06 0.00	43.82 2.05 0.00	40.03 1.91 0.00	36.58 1.91 0.00	35.09 1.64 0.00	32.35 1.63 0.00	30.87 1.53 0.00
NCHELSEA_115KV_TR2 355582	35.33 1.68 0.00	32.71 1.56 0.00	32.00 1.55 0.00	31.57 1.50 0.00	31.41 1.44 0.00	33.86 1.64 0.00	41.93 2.22 0.00	45.89 2.92 0.00	46.46 2.92 -0.52	45.92 2.56 0.00	44.09 2.38 0.00	43.35 2.30 0.00	42.24 2.16 0.00	42.00 2.15 0.00	41.68 2.21 0.00	42.93 2.43 0.00	43.22 2.49 0.00	45.58 2.66 0.00	44.36 2.59 0.00	40.41 2.29 0.00	36.61 1.94 0.00	35.25 1.81 0.00	32.50 1.78 0.00	30.95 1.61 0.00
NEG CAPITAL___MECHNVIL 23645	35.29 1.65 0.00	32.68 1.53 0.00	31.97 1.52 0.00	31.51 1.44 0.00	31.38 1.41 0.00	33.82 1.61 0.00	41.93 2.22 0.00	45.58 2.62 0.00	46.37 2.71 -0.66	45.96 2.60 0.00	44.01 2.29 0.00	43.31 2.26 0.00	42.23 2.16 0.00	41.96 2.11 0.00	41.56 2.09 0.00	42.64 2.14 0.00	43.02 2.28 0.00	45.50 2.58 0.00	44.03 2.25 0.00	40.25 2.13 0.00	36.61 1.94 0.00	35.39 1.94 0.00	32.44 1.72 0.00	31.16 1.82 0.00
NEG CENTRAL_HIGH_ACRES 23767	31.66 -1.98 0.00	29.34 -1.81 0.00	28.59 -1.86 0.00	28.24 -1.84 0.00	28.27 -1.71 0.00	30.38 -1.83 0.00	37.01 -2.70 0.00	40.09 -2.88 0.00	40.36 -2.71 -0.06	40.54 -2.82 0.00	38.71 -3.00 0.00	38.26 -2.79 0.00	37.43 -2.65 0.00	37.18 -2.67 0.00	36.67 -2.80 0.00	37.78 -2.71 0.00	38.05 -2.69 0.00	40.13 -2.79 0.00	39.06 -2.71 0.00	35.64 -2.48 0.00	32.42 -2.25 0.00	31.10 -2.34 0.00	28.66 -2.06 0.00	27.55 -1.79 0.00
NEG CENTRAL___DRP 24199	33.68 0.03 0.00	31.12 -0.03 0.00	30.38 -0.06 0.00	29.95 -0.12 0.00	29.97 0.00 0.00	32.31 0.10 0.00	39.63 -0.08 0.00	42.96 0.00 0.00	42.82 -0.26 -0.08	42.93 -0.43 0.00	41.51 -0.21 0.00	40.89 -0.16 0.00	39.95 -0.12 0.00	39.73 -0.12 0.00	39.35 -0.12 0.00	40.29 -0.20 0.00	40.50 -0.24 0.00	42.88 -0.04 0.00	41.15 -0.63 0.00	37.55 -0.57 0.00	34.08 -0.59 0.00	32.95 -0.50 0.00	30.07 -0.65 0.00	28.81 -0.53 0.00
NEG CENTRAL___INDECK 23768	33.58 -0.07 0.00	31.06 -0.09 0.00	30.17 -0.27 0.00	29.80 -0.27 0.00	29.82 -0.15 0.00	32.15 -0.06 0.00	38.95 -0.76 0.00	42.27 -0.69 0.00	42.15 -0.95 -0.09	42.41 -0.95 0.00	40.30 -1.42 0.00	39.86 -1.19 0.00	38.95 -1.12 0.00	38.73 -1.12 0.00	38.33 -1.15 0.00	39.36 -1.13 0.00	39.76 -0.98 0.00	42.10 -0.82 0.00	40.81 -0.96 0.00	37.21 -0.92 0.00	33.77 -0.90 0.00	32.34 -1.10 0.00	29.83 -0.89 0.00	28.69 -0.65 0.00



NEG CENTRAL___SENECA 23627	34.11 0.47 0.00	31.52 0.37 0.00	30.78 0.33 0.00	30.31 0.24 0.00	30.36 0.39 0.00	32.76 0.55 0.00	40.06 0.36 0.00	43.44 0.47 0.00	43.14 0.04 -0.09	43.19 -0.17 0.00	41.92 0.21 0.00	41.30 0.25 0.00	40.35 0.28 0.00	40.17 0.32 0.00	39.75 0.28 0.00	40.70 0.20 0.00	40.90 0.16 0.00	43.31 0.39 0.00	41.19 -0.58 0.00	37.59 -0.53 0.00	34.11 -0.55 0.00	32.98 -0.47 0.00	30.07 -0.65 0.00	28.84 -0.50 0.00
NEG CENTRAL___STATE_STREET 24147	33.34 -0.30 0.00	30.84 -0.31 0.00	30.11 -0.33 0.00	29.71 -0.36 0.00	29.70 -0.27 0.00	32.02 -0.19 0.00	39.39 -0.32 0.00	42.79 -0.17 0.00	42.86 -0.22 -0.07	42.97 -0.39 0.00	41.38 -0.33 0.00	40.76 -0.29 0.00	39.83 -0.24 0.00	39.61 -0.24 0.00	39.20 -0.28 0.00	40.13 -0.36 0.00	40.33 -0.41 0.00	42.71 -0.21 0.00	41.44 -0.33 0.00	37.82 -0.30 0.00	34.36 -0.31 0.00	33.15 -0.30 0.00	30.29 -0.43 0.00	28.96 -0.38 0.00
NEG MILLWOOD___DRP 24198	35.53 1.88 0.00	32.89 1.74 0.00	32.15 1.70 0.00	31.76 1.68 0.00	31.47 1.50 0.00	33.92 1.71 0.00	42.17 2.46 0.00	46.23 3.27 0.00	46.80 3.27 -0.53	46.22 2.86 0.00	44.43 2.71 0.00	43.68 2.63 0.00	42.52 2.44 0.00	42.28 2.43 0.00	42.00 2.53 0.00	43.25 2.75 0.00	43.47 2.73 0.00	45.93 3.00 0.00	44.66 2.88 0.00	40.68 2.55 0.00	36.85 2.18 0.00	35.49 2.04 0.00	32.65 1.94 0.00	31.07 1.73 0.00
NEG NORTH_FLCN_SEA 23793	35.56 1.92 0.00	32.93 1.78 0.00	32.09 1.64 0.00	31.73 1.65 0.00	31.62 1.65 0.00	33.37 1.16 0.00	41.06 1.35 0.00	44.47 1.50 0.00	44.17 1.16 0.00	44.96 1.60 0.00	43.30 1.59 0.00	42.44 1.40 0.00	41.31 1.24 0.00	41.12 1.28 0.00	40.54 1.07 0.00	41.31 0.81 0.00	41.47 0.73 0.00	43.35 0.43 0.00	42.11 0.33 0.00	38.01 -0.11 0.00	34.29 -0.38 0.00	32.95 -0.50 0.00	30.01 -0.71 0.00	29.13 -0.21 0.00
NEG NORTH_KES_CHATEGAY 23792	35.16 1.51 0.00	32.52 1.37 0.00	31.69 1.25 0.00	31.33 1.26 0.00	31.23 1.26 0.00	33.18 0.97 0.00	40.86 1.15 0.00	44.12 1.16 0.00	43.91 0.90 0.00	44.70 1.34 0.00	43.05 1.33 0.00	42.24 1.19 0.00	41.11 1.04 0.00	40.92 1.08 0.00	40.38 0.91 0.00	41.18 0.69 0.00	41.39 0.65 0.00	43.26 0.34 0.00	42.07 0.29 0.00	38.01 -0.11 0.00	34.36 -0.31 0.00	33.01 -0.43 0.00	30.10 -0.61 0.00	28.99 -0.35 0.00
NEG NORTH___ALICE_FALLS 23915	35.73 2.09 0.00	33.05 1.90 0.00	32.18 1.74 0.00	31.82 1.74 0.00	31.71 1.74 0.00	33.63 1.42 0.00	41.41 1.71 0.00	44.94 1.98 0.00	44.60 1.59 0.00	45.31 1.95 0.00	43.63 1.92 0.00	42.81 1.77 0.00	41.63 1.56 0.00	41.48 1.63 0.00	40.85 1.38 0.00	41.67 1.17 0.00	41.84 1.10 0.00	43.78 0.86 0.00	42.57 0.79 0.00	38.39 0.27 0.00	34.64 -0.03 0.00	33.28 -0.17 0.00	30.29 -0.43 0.00	29.28 -0.06 0.00
NEG NORTH___LWR_SARANAC 23913	35.73 2.09 0.00	33.05 1.90 0.00	32.18 1.74 0.00	31.82 1.74 0.00	31.71 1.74 0.00	33.63 1.42 0.00	41.41 1.71 0.00	44.94 1.98 0.00	44.60 1.59 0.00	45.31 1.95 0.00	43.63 1.92 0.00	42.81 1.77 0.00	41.63 1.56 0.00	41.48 1.63 0.00	40.85 1.38 0.00	41.67 1.17 0.00	41.84 1.10 0.00	43.78 0.86 0.00	42.57 0.79 0.00	38.39 0.27 0.00	34.64 -0.03 0.00	33.28 -0.17 0.00	30.29 -0.43 0.00	29.28 -0.06 0.00
NEG NORTH___PLATTSBURG 23628	35.73 2.09 0.00	33.05 1.90 0.00	32.18 1.73 0.00	31.81 1.74 0.00	31.71 1.74 0.00	33.63 1.42 0.00	41.41 1.71 0.00	44.98 2.02 0.00	44.60 1.59 0.00	44.92 1.56 0.00	43.64 1.92 0.00	42.81 1.76 0.00	41.63 1.56 0.00	41.48 1.63 0.00	40.85 1.38 0.00	41.67 1.18 0.00	41.84 1.10 0.00	43.69 0.77 0.00	42.57 0.79 0.00	38.39 0.27 0.00	34.64 -0.03 0.00	33.28 -0.17 0.00	30.29 -0.43 0.00	29.28 -0.06 0.00
NEG WEST_LEA_LOCKPORT 23791	31.05 -2.59 0.00	28.75 -2.40 0.00	28.10 -2.34 0.00	27.70 -2.38 0.00	27.75 -2.22 0.00	29.80 -2.42 0.00	35.46 -4.25 0.00	37.98 -4.98 0.00	37.74 -5.33 -0.06	37.42 -5.94 0.00	36.08 -5.63 0.00	35.67 -5.38 0.00	35.06 -5.01 0.00	34.83 -5.02 0.00	34.42 -5.05 0.00	35.19 -5.31 0.00	35.12 -5.62 0.00	37.77 -5.15 0.00	36.84 -4.93 0.00	33.78 -4.35 0.00	30.86 -3.81 0.00	30.40 -3.04 0.00	27.52 -3.19 0.00	26.85 -2.49 0.00
NEG WEST___LANCASTR 23811	32.40 -1.24 0.00	29.94 -1.21 0.00	29.23 -1.22 0.00	28.78 -1.29 0.00	28.83 -1.14 0.00	31.02 -1.19 0.00	37.05 -2.66 0.00	39.78 -3.18 0.00	38.40 -4.69 -0.08	39.07 -4.29 0.00	37.75 -3.96 0.00	37.35 -3.69 0.00	36.63 -3.45 0.00	36.38 -3.47 0.00	35.96 -3.51 0.00	36.81 -3.69 0.00	36.83 -3.91 0.00	39.57 -3.35 0.00	38.52 -3.26 0.00	35.30 -2.82 0.00	32.17 -2.50 0.00	31.51 -1.94 0.00	28.63 -2.09 0.00	27.84 -1.50 0.00
NEG_PENN_ALLEGHNY 23528	33.61 -0.03 0.00	31.12 -0.03 0.00	30.38 -0.06 0.00	29.98 -0.09 0.00	29.94 -0.03 0.00	32.25 0.03 0.00	39.55 -0.16 0.00	42.92 -0.04 0.00	42.88 -0.30 -0.17	43.23 -0.13 0.00	41.30 -0.42 0.00	40.72 -0.33 0.00	39.79 -0.28 0.00	39.53 -0.32 0.00	39.20 -0.27 0.00	40.21 -0.28 0.00	40.50 -0.24 0.00	42.92 0.00 0.00	41.61 -0.17 0.00	38.01 -0.11 0.00	34.53 -0.14 0.00	33.25 -0.20 0.00	30.54 -0.18 0.00	29.25 -0.09 0.00
NEG___GEN_MONROE 24207	32.16 -1.48 0.00	29.78 -1.37 0.00	29.07 -1.37 0.00	28.72 -1.35 0.00	28.74 -1.23 0.00	30.93 -1.29 0.00	37.24 -2.46 0.00	40.17 -2.79 0.00	40.32 -2.75 -0.06	40.06 -3.30 0.00	38.63 -3.09 0.00	38.09 -2.96 0.00	37.27 -2.81 0.00	36.98 -2.87 0.00	36.55 -2.92 0.00	37.38 -3.12 0.00	37.44 -3.30 0.00	39.92 -3.00 0.00	38.98 -2.80 0.00	35.61 -2.52 0.00	32.38 -2.29 0.00	31.64 -1.81 0.00	28.78 -1.94 0.00	27.81 -1.53 0.00
NEPA___ENERGY 23901	32.13 -1.51 0.00	29.69 -1.46 0.00	28.98 -1.46 0.00	28.57 -1.50 0.00	28.59 -1.38 0.00	30.76 -1.45 0.00	36.77 -2.94 0.00	39.44 -3.52 0.00	38.74 -4.34 -0.08	38.72 -4.64 0.00	37.42 -4.30 0.00	37.03 -4.02 0.00	36.31 -3.77 0.00	36.06 -3.79 0.00	35.64 -3.83 0.00	36.49 -4.01 0.00	36.54 -4.20 0.00	39.23 -3.69 0.00	38.22 -3.55 0.00	35.00 -3.13 0.00	31.90 -2.77 0.00	31.24 -2.21 0.00	28.42 -2.30 0.00	27.67 -1.67 0.00
NEVERSINK___HYD 23608	35.12 1.48 0.00	32.46 1.31 0.00	31.78 1.34 0.00	31.36 1.29 0.00	31.23 1.26 0.00	33.66 1.45 0.00	41.69 1.98 0.00	45.54 2.58 0.00	46.10 2.62 -0.47	45.96 2.60 0.00	43.80 2.08 0.00	43.02 1.97 0.00	41.92 1.84 0.00	41.68 1.83 0.00	41.37 1.89 0.00	42.56 2.06 0.00	42.86 2.12 0.00	45.45 2.53 0.00	44.20 2.42 0.00	40.14 2.02 0.00	36.33 1.66 0.00	35.15 1.70 0.00	32.22 1.50 0.00	30.66 1.32 0.00
NEWKRMKL_115KV_TB1 55635	34.52 0.87 0.00	32.05 0.90 0.00	31.39 0.94 0.00	30.97 0.90 0.00	30.84 0.87 0.00	33.15 0.93 0.00	41.02 1.31 0.00	44.60 1.63 0.00	45.33 1.68 -0.64	44.79 1.43 0.00	42.84 1.13 0.00	42.24 1.19 0.00	41.19 1.12 0.00	40.96 1.12 0.00	40.62 1.14 0.00	41.63 1.13 0.00	41.92 1.18 0.00	44.12 1.20 0.00	42.82 1.04 0.00	39.26 1.14 0.00	35.85 1.18 0.00	34.48 1.04 0.00	31.79 1.08 0.00	30.34 1.00 0.00

NEWTON___FALLS_HYD 23847	33.44 -0.20 0.00	30.93 -0.22 0.00	30.17 -0.27 0.00	29.86 -0.21 0.00	29.76 -0.21 0.00	31.99 -0.23 0.00	39.47 -0.24 0.00	42.75 -0.21 0.00	42.63 -0.39 -0.01	43.14 -0.22 0.00	41.55 -0.17 0.00	40.84 -0.21 0.00	39.83 -0.24 0.00	39.69 -0.16 0.00	39.28 -0.20 0.00	40.21 -0.28 0.00	40.50 -0.24 0.00	42.58 -0.34 0.00	41.48 -0.29 0.00	37.66 -0.46 0.00	34.32 -0.35 0.00	33.01 -0.43 0.00	30.17 -0.55 0.00	28.72 -0.62 0.00
NGRID_A1_DSASP 323792	30.45 -3.20 0.00	28.38 -2.77 0.00	27.58 -2.86 0.00	27.18 -2.89 0.00	27.27 -2.70 0.00	29.25 -2.96 0.00	34.74 -4.96 0.00	37.16 -5.80 0.00	36.96 -6.11 -0.06	37.25 -6.11 0.00	35.17 -6.55 0.00	35.02 -6.03 0.00	34.26 -5.81 0.00	34.03 -5.82 0.00	33.63 -5.84 0.00	34.83 -5.67 0.00	35.28 -5.46 0.00	37.25 -5.67 0.00	36.09 -5.68 0.00	33.13 -4.99 0.00	30.27 -4.40 0.00	29.07 -4.38 0.00	27.06 -3.66 0.00	26.43 -2.91 0.00
NGRID_A2_DSASP 323793	30.45 -3.20 0.00	28.38 -2.77 0.00	27.58 -2.86 0.00	27.18 -2.89 0.00	27.27 -2.70 0.00	29.25 -2.96 0.00	34.74 -4.96 0.00	37.16 -5.80 0.00	36.96 -6.11 -0.06	37.25 -6.11 0.00	35.17 -6.55 0.00	35.02 -6.03 0.00	34.26 -5.81 0.00	34.03 -5.82 0.00	33.63 -5.84 0.00	34.83 -5.67 0.00	35.28 -5.46 0.00	37.25 -5.67 0.00	36.09 -5.68 0.00	33.13 -4.99 0.00	30.27 -4.40 0.00	29.07 -4.38 0.00	27.06 -3.66 0.00	26.43 -2.91 0.00
NGRID_A4_DSASP 323807	30.45 -3.20 0.00	28.38 -2.77 0.00	27.58 -2.86 0.00	27.18 -2.89 0.00	27.27 -2.70 0.00	29.25 -2.96 0.00	34.74 -4.96 0.00	37.16 -5.80 0.00	36.96 -6.11 -0.06	37.25 -6.11 0.00	35.17 -6.55 0.00	35.02 -6.03 0.00	34.26 -5.81 0.00	34.03 -5.82 0.00	33.63 -5.84 0.00	34.83 -5.67 0.00	35.28 -5.46 0.00	37.25 -5.67 0.00	36.09 -5.68 0.00	33.13 -4.99 0.00	30.27 -4.40 0.00	29.07 -4.38 0.00	27.06 -3.66 0.00	26.43 -2.91 0.00
NIAGARA_115E_LBMP 323715	30.41 -3.23 0.00	28.32 -2.83 0.00	27.52 -2.92 0.00	27.13 -2.95 0.00	27.22 -2.76 0.00	29.22 -3.03 0.00	34.70 -5.04 0.00	37.12 -5.84 0.00	36.92 -6.15 -0.06	37.20 -6.16 0.00	35.17 -6.55 0.00	35.02 -6.03 0.00	34.22 -5.85 0.00	34.03 -5.82 0.00	33.63 -5.84 0.00	34.79 -5.71 0.00	35.24 -5.50 0.00	37.21 -5.71 0.00	36.05 -5.72 0.00	33.09 -5.03 0.00	30.23 -4.44 0.00	29.00 -4.45 0.00	27.00 -3.72 0.00	26.35 -2.99 0.00
NIAGARA_115W_LBMP 323714	30.38 -3.26 0.00	28.32 -2.83 0.00	27.52 -2.92 0.00	27.13 -2.95 0.00	27.22 -2.76 0.00	29.18 -3.03 0.00	34.66 -5.04 0.00	37.08 -5.88 0.00	36.92 -6.15 -0.06	37.16 -6.20 0.00	35.08 -6.63 0.00	34.93 -6.12 0.00	34.18 -5.89 0.00	33.99 -5.86 0.00	33.59 -5.88 0.00	34.75 -5.75 0.00	35.20 -5.54 0.00	37.17 -5.75 0.00	36.01 -5.77 0.00	33.05 -5.07 0.00	30.20 -4.47 0.00	29.00 -4.45 0.00	27.03 -3.69 0.00	26.38 -2.96 0.00
NIAGARA_230_LBMP 323716	30.68 -2.96 0.00	28.60 -2.55 0.00	27.80 -2.65 0.00	27.39 -2.68 0.00	27.49 -2.49 0.00	29.51 -2.71 0.00	35.10 -4.61 0.00	37.55 -5.41 0.00	37.35 -5.72 -0.06	37.63 -5.72 0.00	35.58 -6.13 0.00	35.38 -5.67 0.00	34.62 -5.45 0.00	34.43 -5.42 0.00	34.03 -5.45 0.00	35.19 -5.30 0.00	35.65 -5.09 0.00	37.64 -5.28 0.00	36.47 -5.31 0.00	33.47 -4.65 0.00	30.58 -4.09 0.00	29.37 -4.08 0.00	27.34 -3.38 0.00	26.67 -2.67 0.00
NIAGARA___115KV_198_GIBSON 55903	30.38 -3.26 0.00	28.16 -2.99 0.00	27.52 -2.92 0.00	27.12 -2.95 0.00	27.21 -2.76 0.00	29.19 -3.03 0.00	34.70 -5.00 0.00	37.03 -5.93 0.00	36.92 -6.15 -0.06	36.51 -6.85 0.00	35.21 -6.51 0.00	34.81 -6.24 0.00	34.18 -5.89 0.00	33.95 -5.90 0.00	33.59 -5.88 0.00	34.34 -6.16 0.00	34.26 -6.48 0.00	36.87 -6.05 0.00	36.01 -5.76 0.00	33.05 -5.07 0.00	30.20 -4.47 0.00	29.83 -3.61 0.00	27.03 -3.69 0.00	26.38 -2.96 0.00
NIAGARA____ 23760	30.68 -2.96 0.00	28.60 -2.55 0.00	27.80 -2.65 0.00	27.39 -2.68 0.00	27.49 -2.49 0.00	29.51 -2.71 0.00	35.10 -4.61 0.00	37.55 -5.41 0.00	37.35 -5.72 -0.06	37.63 -5.72 0.00	35.58 -6.13 0.00	35.38 -5.67 0.00	34.62 -5.45 0.00	34.43 -5.42 0.00	34.03 -5.45 0.00	35.19 -5.30 0.00	35.65 -5.09 0.00	37.64 -5.28 0.00	36.47 -5.31 0.00	33.47 -4.65 0.00	30.58 -4.09 0.00	29.37 -4.08 0.00	27.34 -3.38 0.00	26.67 -2.67 0.00
NINE_MILE_1 23575	32.30 -1.35 0.00	29.90 -1.25 0.00	29.20 -1.25 0.00	28.87 -1.20 0.00	28.80 -1.17 0.00	30.92 -1.29 0.00	38.04 -1.67 0.00	41.24 -1.72 0.00	41.32 -1.72 -0.03	41.62 -1.74 0.00	39.92 -1.79 0.00	39.33 -1.72 0.00	38.39 -1.68 0.00	38.18 -1.67 0.00	37.82 -1.66 0.00	38.83 -1.66 0.00	39.07 -1.67 0.00	41.20 -1.72 0.00	40.06 -1.71 0.00	36.59 -1.53 0.00	33.28 -1.39 0.00	32.07 -1.37 0.00	29.46 -1.26 0.00	28.20 -1.14 0.00
NINE_MILE_2 23744	32.30 -1.35 0.00	29.90 -1.25 0.00	29.20 -1.25 0.00	28.87 -1.20 0.00	28.80 -1.17 0.00	30.92 -1.29 0.00	38.04 -1.67 0.00	41.24 -1.72 0.00	41.32 -1.72 -0.03	41.62 -1.74 0.00	39.92 -1.79 0.00	39.33 -1.72 0.00	38.39 -1.68 0.00	38.18 -1.67 0.00	37.82 -1.66 0.00	38.83 -1.66 0.00	39.07 -1.67 0.00	41.25 -1.67 0.00	40.06 -1.71 0.00	36.59 -1.53 0.00	33.28 -1.39 0.00	32.07 -1.37 0.00	29.46 -1.26 0.00	28.20 -1.14 0.00
NM_CAPITAL___DRP 24208	34.59 0.94 0.00	32.12 0.97 0.00	31.42 0.97 0.00	31.00 0.93 0.00	30.87 0.90 0.00	33.21 1.00 0.00	41.10 1.39 0.00	44.68 1.72 0.00	45.37 1.72 -0.64	44.88 1.52 0.00	42.93 1.21 0.00	42.28 1.23 0.00	41.27 1.20 0.00	41.04 1.20 0.00	40.66 1.18 0.00	41.71 1.21 0.00	42.00 1.26 0.00	44.21 1.29 0.00	42.94 1.17 0.00	39.34 1.22 0.00	35.88 1.21 0.00	34.55 1.10 0.00	31.86 1.14 0.00	30.40 1.06 0.00
NM_CENTRAL___DRP 24181	32.90 -0.74 0.00	30.46 -0.69 0.00	29.74 -0.70 0.00	29.38 -0.69 0.00	29.34 -0.63 0.00	31.57 -0.64 0.00	38.79 -0.91 0.00	42.06 -0.90 0.00	42.11 -0.95 -0.05	42.23 -1.13 0.00	40.67 -1.04 0.00	40.02 -1.03 0.00	39.15 -0.92 0.00	38.89 -0.96 0.00	38.53 -0.95 0.00	39.52 -0.97 0.00	39.72 -1.02 0.00	41.98 -0.94 0.00	40.85 -0.92 0.00	37.28 -0.84 0.00	33.94 -0.73 0.00	32.81 -0.64 0.00	30.07 -0.65 0.00	28.75 -0.59 0.00
NM_FRONTIER___DRP 24179	30.38 -3.26 0.00	28.16 -2.99 0.00	27.52 -2.92 0.00	27.12 -2.95 0.00	27.21 -2.76 0.00	29.19 -3.03 0.00	34.70 -5.00 0.00	37.03 -5.93 0.00	36.92 -6.15 -0.06	36.51 -6.85 0.00	35.21 -6.51 0.00	34.81 -6.24 0.00	34.18 -5.89 0.00	33.95 -5.90 0.00	33.59 -5.88 0.00	34.34 -6.16 0.00	34.26 -6.48 0.00	36.87 -6.05 0.00	36.01 -5.76 0.00	33.05 -5.07 0.00	30.20 -4.47 0.00	29.83 -3.61 0.00	27.03 -3.69 0.00	26.38 -2.96 0.00
NM_ST_REGIS___HYD 24053	33.88 0.24 0.00	31.34 0.19 0.00	30.57 0.12 0.00	30.25 0.18 0.00	30.12 0.15 0.00	32.25 0.03 0.00	39.67 -0.04 0.00	42.83 -0.13 0.00	42.71 -0.30 0.00	43.49 0.13 0.00	41.92 0.21 0.00	41.17 0.12 0.00	40.11 0.04 0.00	39.97 0.12 0.00	39.43 -0.04 0.00	40.33 -0.16 0.00	40.54 -0.20 0.00	42.45 -0.47 0.00	41.40 -0.38 0.00	37.51 -0.61 0.00	34.18 -0.49 0.00	32.88 -0.57 0.00	30.01 -0.71 0.00	28.69 -0.65 0.00

NORTHPORT___1 23551	46.48 2.22 -10.61	40.95 2.12 -7.68	36.73 2.22 -4.06	38.86 2.17 -6.62	40.42 2.07 -8.38	44.00 2.25 -9.54	54.87 2.98 -12.19	57.83 3.78 -11.08	56.84 3.79 -10.05	54.03 3.77 -6.90	44.98 3.13 -0.13	45.24 3.00 -1.20	44.04 3.04 -0.93	43.81 3.03 -0.93	44.47 3.08 -1.92	44.47 3.20 -0.77	47.15 3.26 -3.15	56.32 3.65 -9.76	52.09 3.34 -6.98	46.84 3.13 -5.59	43.40 2.67 -6.06	41.32 2.74 -5.13	39.98 2.58 -6.68	33.45 2.35 -1.76
NORTHPORT___2 23552	46.48 2.22 -10.61	40.95 2.12 -7.68	36.73 2.22 -4.06	38.86 2.17 -6.62	40.42 2.07 -8.38	44.00 2.25 -9.54	54.87 2.98 -12.19	57.83 3.78 -11.08	56.84 3.79 -10.05	54.03 3.77 -6.90	44.98 3.13 -0.13	45.24 3.00 -1.20	44.04 3.04 -0.93	43.81 3.03 -0.93	44.47 3.08 -1.92	44.47 3.20 -0.77	47.15 3.26 -3.15	56.32 3.65 -9.76	52.09 3.34 -6.98	46.84 3.13 -5.59	43.40 2.67 -6.06	41.32 2.74 -5.13	39.98 2.58 -6.68	33.45 2.35 -1.76
NORTHPORT___3 23553	46.38 2.12 -10.61	40.79 1.96 -7.68	36.51 2.01 -4.06	38.62 1.93 -6.62	40.24 1.89 -8.38	43.88 2.13 -9.54	54.63 2.74 -12.19	57.31 3.26 -11.08	56.45 3.40 -10.05	53.94 3.68 -6.90	44.52 2.67 -0.13	44.88 2.63 -1.20	43.60 2.60 -0.93	43.37 2.59 -0.93	44.04 2.64 -1.92	44.02 2.76 -0.77	46.58 2.69 -3.15	55.85 3.18 -9.75	51.63 2.88 -6.98	46.38 2.67 -5.59	43.12 2.39 -6.06	41.12 2.54 -5.13	39.85 2.46 -6.68	33.30 2.20 -1.76
NORTHPORT___4 23650	46.38 2.12 -10.61	40.79 1.96 -7.68	36.51 2.01 -4.06	38.62 1.93 -6.62	40.24 1.89 -8.38	43.88 2.13 -9.54	54.63 2.74 -12.19	57.31 3.26 -11.08	56.45 3.40 -10.05	53.94 3.68 -6.90	44.52 2.67 -0.13	44.88 2.63 -1.20	43.60 2.60 -0.93	43.37 2.59 -0.93	44.04 2.64 -1.92	44.02 2.76 -0.77	46.58 2.69 -3.15	55.85 3.18 -9.75	51.63 2.88 -6.98	46.38 2.67 -5.59	43.12 2.39 -6.06	41.12 2.54 -5.13	39.85 2.46 -6.68	33.30 2.20 -1.76
NORTHPORT___IC 23718	46.48 2.22 -10.61	40.95 2.12 -7.68	36.73 2.22 -4.06	38.86 2.17 -6.62	40.42 2.07 -8.38	44.00 2.25 -9.54	54.87 2.98 -12.19	57.83 3.78 -11.08	56.84 3.79 -10.05	54.03 3.77 -6.90	44.98 3.13 -0.13	45.24 3.00 -1.20	44.04 3.04 -0.93	43.81 3.03 -0.93	44.47 3.08 -1.92	44.47 3.20 -0.77	47.15 3.26 -3.15	56.32 3.65 -9.76	52.09 3.34 -6.98	46.84 3.13 -5.59	43.40 2.67 -6.06	41.32 2.74 -5.13	39.98 2.58 -6.68	33.45 2.35 -1.76
NORTH___COUNTRY_ESR 323785	34.99 1.35 0.00	32.40 1.25 0.00	31.57 1.13 0.00	31.21 1.14 0.00	31.11 1.14 0.00	33.05 0.84 0.00	40.70 0.99 0.00	43.99 1.03 0.00	43.74 0.73 0.00	44.10 0.74 0.00	42.88 1.17 0.00	42.11 1.07 0.00	40.99 0.92 0.00	40.80 0.95 0.00	40.22 0.75 0.00	41.02 0.53 0.00	41.19 0.45 0.00	43.01 0.09 0.00	41.90 0.13 0.00	37.86 -0.26 0.00	34.22 -0.45 0.00	32.91 -0.54 0.00	29.98 -0.74 0.00	28.87 -0.47 0.00
NPX_GEN_1385_PROXY 323591	46.34 2.09 -10.61	41.32 2.49 -7.68	37.49 2.99 -4.06	39.52 2.83 -6.62	40.90 2.55 -8.38	44.10 2.35 -9.54	55.31 3.42 -12.19	58.99 4.94 -11.08	57.18 4.13 -10.05	53.29 3.38 -6.55	45.70 3.50 -0.48	45.49 3.24 -1.20	44.40 3.40 -0.93	44.37 3.59 -0.93	44.95 3.55 -1.92	44.91 3.65 -0.77	48.00 4.11 -3.15	56.50 3.82 -9.76	52.30 3.55 -6.98	47.30 3.58 -5.59	43.81 3.08 -6.06	41.49 2.91 -5.13	40.13 2.73 -6.68	33.80 2.70 -1.76
NPX_GEN_CSC 323557	47.15 2.89 -10.61	41.47 2.65 -7.68	37.15 2.65 -4.06	39.28 2.59 -6.62	40.90 2.55 -8.38	44.62 2.87 -9.54	55.70 3.81 -12.19	58.86 4.81 -11.08	57.87 4.82 -10.05	54.20 4.29 -6.55	46.45 4.26 -0.48	46.23 3.98 -1.20	45.13 4.13 -0.93	44.85 4.07 -0.93	45.62 4.23 -1.92	45.56 4.29 -0.77	48.29 4.40 -3.15	57.62 4.93 -9.77	53.36 4.60 -6.99	47.99 4.27 -5.60	44.30 3.57 -6.06	42.03 3.45 -5.13	40.56 3.16 -6.68	33.92 2.82 -1.76
NSINS_S_GLNS_FALLS 23858	34.89 1.24 0.00	32.30 1.15 0.00	31.57 1.13 0.00	31.15 1.08 0.00	30.99 1.02 0.00	33.44 1.22 0.00	41.57 1.87 0.00	45.28 2.32 0.00	46.08 2.41 -0.66	45.40 2.04 0.00	43.76 2.04 0.00	43.06 2.01 0.00	41.96 1.88 0.00	41.68 1.83 0.00	41.21 1.74 0.00	42.28 1.78 0.00	42.78 2.04 0.00	45.20 2.27 0.00	43.65 1.88 0.00	39.87 1.75 0.00	36.30 1.63 0.00	35.09 1.64 0.00	32.22 1.51 0.00	31.54 2.20 0.00
NUCOR_STEEL___DRP 24197	33.34 -0.30 0.00	30.84 -0.31 0.00	30.11 -0.33 0.00	29.74 -0.33 0.00	29.70 -0.27 0.00	31.99 -0.23 0.00	39.31 -0.40 0.00	42.66 -0.30 0.00	42.73 -0.34 -0.06	42.84 -0.52 0.00	41.26 -0.46 0.00	40.64 -0.41 0.00	39.71 -0.36 0.00	39.45 -0.40 0.00	39.08 -0.39 0.00	40.09 -0.40 0.00	40.25 -0.49 0.00	42.62 -0.30 0.00	41.40 -0.38 0.00	37.78 -0.34 0.00	34.32 -0.35 0.00	33.15 -0.30 0.00	30.32 -0.40 0.00	29.02 -0.32 0.00
NUMBER_THREE_WT_PWR 323818	34.05 0.41 0.00	31.46 0.31 0.00	30.72 0.27 0.00	30.40 0.33 0.00	30.30 0.33 0.00	32.66 0.45 0.00	40.42 0.72 0.00	43.87 0.90 0.00	43.71 0.69 -0.02	44.05 0.69 0.00	42.38 0.67 0.00	41.62 0.57 0.00	40.67 0.60 0.00	40.53 0.68 0.00	40.14 0.67 0.00	41.18 0.69 0.00	41.51 0.77 0.00	43.78 0.86 0.00	42.57 0.79 0.00	38.69 0.57 0.00	35.19 0.52 0.00	33.85 0.40 0.00	30.90 0.19 0.00	29.43 0.09 0.00
NYISO_LBMP_REFERENCE 24008	33.64 0.00 0.00	31.15 0.00 0.00	30.44 0.00 0.00	30.07 0.00 0.00	29.97 0.00 0.00	32.21 0.00 0.00	39.71 0.00 0.00	42.96 0.00 0.00	43.01 0.00 0.00	43.36 0.00 0.00	41.72 0.00 0.00	41.05 0.00 0.00	40.07 0.00 0.00	39.85 0.00 0.00	39.47 0.00 0.00	40.50 0.00 0.00	40.74 0.00 0.00	42.92 0.00 0.00	41.77 0.00 0.00	38.12 0.00 0.00	34.67 0.00 0.00	33.45 0.00 0.00	30.72 0.00 0.00	29.34 0.00 0.00
NYPA_BRENTWD___GT 24164	46.95 2.69 -10.61	41.32 2.49 -7.68	37.03 2.53 -4.06	39.13 2.43 -6.62	40.75 2.40 -8.38	44.39 2.64 -9.54	55.42 3.53 -12.19	58.47 4.43 -11.08	57.53 4.47 -10.05	54.68 4.42 -6.90	45.73 3.88 -0.13	45.98 3.74 -1.20	44.72 3.73 -0.93	44.53 3.74 -0.93	45.22 3.83 -1.92	45.20 3.93 -0.77	47.88 3.99 -3.15	57.18 4.51 -9.76	52.93 4.18 -6.98	47.56 3.85 -5.59	43.99 3.26 -6.06	41.82 3.24 -5.13	40.37 2.98 -6.68	33.80 2.70 -1.76
NYPA_GOWANUS___GT5 24156	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.47 2.73 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.87 2.75 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01
NYPA_GOWANUS___GT6 24157	35.46 1.82 0.00	32.83 1.68 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.53 1.56 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.19 3.22 0.00	46.92 3.40 -0.52	46.83 3.47 0.00	44.51 2.80 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.37 2.88 0.00	43.47 2.73 0.00	46.18 3.26 0.00	44.70 2.92 0.00	40.87 2.75 0.00	39.82 2.36 -2.79	45.97 2.51 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01

NYPA_HARLEM__RVR__GT1 24160	35.43 1.78 0.00	32.83 1.68 0.00	32.12 1.67 0.00	31.60 1.53 0.00	31.53 1.56 0.00	33.89 1.67 0.00	41.85 2.14 0.00	45.84 2.88 0.00	46.53 3.01 -0.51	46.43 3.08 0.01	44.17 2.46 0.01	43.46 2.42 0.01	42.39 2.32 0.01	42.15 2.31 0.01	41.91 2.45 0.01	43.00 2.51 0.01	43.18 2.44 0.00	45.84 2.92 0.00	44.36 2.59 0.00	40.71 2.59 0.00	36.75 2.08 0.00	35.82 2.38 0.00	32.88 2.15 -0.01	31.34 2.00 -0.01
NYPA_HARLEM__RVR__GT2 24161	35.43 1.78 0.00	32.83 1.68 0.00	32.12 1.67 0.00	31.60 1.53 0.00	31.53 1.56 0.00	33.89 1.67 0.00	41.85 2.14 0.00	45.84 2.88 0.00	46.53 3.01 -0.51	46.43 3.08 0.01	44.17 2.46 0.01	43.46 2.42 0.01	42.39 2.32 0.01	42.15 2.31 0.01	41.91 2.45 0.01	43.00 2.51 0.01	43.18 2.44 0.00	45.84 2.92 0.00	44.36 2.59 0.00	40.71 2.59 0.00	36.75 2.08 0.00	35.82 2.38 0.00	32.88 2.15 -0.01	31.34 2.00 -0.01
NYPA_KENT____GT 24152	35.39 1.75 0.00	32.80 1.65 0.00	32.12 1.67 0.00	31.63 1.56 0.00	31.50 1.53 0.00	33.92 1.71 0.00	42.01 2.30 0.00	46.14 3.18 0.00	46.84 3.31 -0.52	46.78 3.42 0.00	44.43 2.71 0.00	43.76 2.71 0.00	42.67 2.60 0.00	42.44 2.59 0.00	42.19 2.72 0.00	43.29 2.79 0.00	43.43 2.69 0.00	46.10 3.18 0.00	44.62 2.84 0.00	40.83 2.71 0.00	38.55 2.29 -1.60	41.62 2.44 -5.73	33.00 2.27 -0.01	31.31 1.97 -0.01
NYPA_POUCH1____GT 24155	35.36 1.71 0.00	32.77 1.62 0.00	32.06 1.61 0.00	31.57 1.50 0.00	31.44 1.47 0.00	33.82 1.61 0.00	41.93 2.22 0.00	46.06 3.10 0.00	46.79 3.27 -0.52	46.70 3.34 0.00	44.35 2.63 0.00	43.68 2.63 0.00	42.60 2.53 0.00	42.36 2.51 0.00	42.12 2.64 0.00	43.25 2.76 0.00	43.31 2.57 0.00	46.01 3.09 0.00	44.57 2.80 0.00	40.75 2.63 0.00	39.71 2.25 -2.79	45.87 2.41 -10.01	32.97 2.24 -0.01	31.28 1.94 -0.01
NYPA_VERNON____GT2 24162	35.36 1.71 0.00	32.74 1.59 0.00	32.09 1.64 0.00	31.60 1.53 0.00	31.47 1.50 0.00	33.89 1.67 0.00	41.97 2.26 0.00	46.06 3.10 0.00	46.79 3.27 -0.52	46.70 3.34 0.00	44.39 2.67 0.00	43.68 2.63 0.00	42.60 2.53 0.00	42.36 2.51 0.00	42.12 2.64 0.00	43.21 2.71 0.00	43.35 2.61 0.00	46.01 3.09 0.00	44.53 2.76 0.00	40.75 2.63 0.00	37.29 2.22 -0.40	37.27 2.38 -1.45	32.94 2.21 -0.01	31.29 1.94 -0.01
NYPA_VERNON____GT3 24163	35.36 1.71 0.00	32.74 1.59 0.00	32.09 1.64 0.00	31.60 1.53 0.00	31.47 1.50 0.00	33.89 1.67 0.00	41.97 2.26 0.00	46.06 3.10 0.00	46.79 3.27 -0.52	46.70 3.34 0.00	44.39 2.67 0.00	43.68 2.63 0.00	42.60 2.53 0.00	42.36 2.51 0.00	42.12 2.64 0.00	43.21 2.71 0.00	43.35 2.61 0.00	46.01 3.09 0.00	44.53 2.76 0.00	40.75 2.63 0.00	37.29 2.22 -0.40	37.27 2.38 -1.45	32.94 2.21 -0.01	31.29 1.94 -0.01
NYPA__ASTORIA_CC1 323568	35.33 1.68 0.00	32.74 1.59 0.00	32.06 1.61 0.00	31.57 1.50 0.00	31.47 1.50 0.00	33.86 1.64 0.00	41.93 2.22 0.00	45.97 3.01 0.00	46.71 3.18 -0.52	46.61 3.25 0.00	44.30 2.59 0.00	43.64 2.59 0.00	42.52 2.44 0.00	42.32 2.47 0.00	42.04 2.56 0.00	43.17 2.67 0.00	43.31 2.57 0.00	45.97 3.05 0.00	44.49 2.71 0.00	40.71 2.59 0.00	36.82 2.15 0.00	35.79 2.34 0.00	32.91 2.18 -0.01	31.28 1.94 -0.01
NYPA__ASTORIA_CC2 323569	35.33 1.68 0.00	32.74 1.59 0.00	32.06 1.61 0.00	31.57 1.50 0.00	31.47 1.50 0.00	33.86 1.64 0.00	41.93 2.22 0.00	45.97 3.01 0.00	46.71 3.18 -0.52	46.61 3.25 0.00	44.30 2.59 0.00	43.64 2.59 0.00	42.52 2.44 0.00	42.32 2.47 0.00	42.04 2.56 0.00	43.17 2.67 0.00	43.31 2.57 0.00	45.97 3.05 0.00	44.49 2.71 0.00	40.71 2.59 0.00	36.82 2.15 0.00	35.79 2.34 0.00	32.91 2.18 -0.01	31.28 1.94 -0.01
NYPA__HOLTSVILL 23794	46.88 2.63 -10.61	41.23 2.40 -7.68	36.94 2.44 -4.06	39.07 2.38 -6.62	40.66 2.31 -8.38	44.33 2.58 -9.54	55.35 3.45 -12.19	58.43 4.38 -11.08	57.49 4.43 -10.05	54.51 4.25 -6.90	45.68 3.84 -0.13	45.90 3.65 -1.20	44.68 3.68 -0.93	44.45 3.66 -0.93	45.18 3.79 -1.92	45.12 3.85 -0.77	47.80 3.91 -3.15	57.11 4.42 -9.77	52.90 4.14 -6.99	47.53 3.81 -5.60	43.95 3.22 -6.06	41.72 3.14 -5.13	40.31 2.92 -6.68	33.71 2.61 -1.76
NYPA__HELLGATE_GT1 24158	35.43 1.78 0.00	32.83 1.68 0.00	32.12 1.67 0.00	31.60 1.53 0.00	31.53 1.56 0.00	33.89 1.67 0.00	41.85 2.14 0.00	45.84 2.88 0.00	46.53 3.01 -0.51	46.43 3.08 0.01	44.17 2.46 0.01	43.46 2.42 0.01	42.39 2.32 0.01	42.15 2.31 0.01	41.91 2.45 0.01	43.00 2.51 0.01	43.18 2.44 0.00	45.84 2.92 0.00	44.36 2.59 0.00	40.71 2.59 0.00	36.75 2.08 0.00	35.82 2.38 0.00	32.88 2.15 -0.01	31.34 2.00 -0.01
NYPA__HELLGATE_GT2 24159	35.43 1.78 0.00	32.83 1.68 0.00	32.12 1.67 0.00	31.60 1.53 0.00	31.53 1.56 0.00	33.89 1.67 0.00	41.85 2.14 0.00	45.84 2.88 0.00	46.53 3.01 -0.51	46.43 3.08 0.01	44.17 2.46 0.01	43.46 2.42 0.01	42.39 2.32 0.01	42.15 2.31 0.01	41.91 2.45 0.01	43.00 2.51 0.01	43.18 2.44 0.00	45.84 2.92 0.00	44.36 2.59 0.00	40.71 2.59 0.00	36.75 2.08 0.00	35.82 2.38 0.00	32.88 2.15 -0.01	31.34 2.00 -0.01
NYS_BARGE__HYD 23848	31.05 -2.59 0.00	28.91 -2.24 0.00	28.07 -2.37 0.00	27.66 -2.41 0.00	27.75 -2.22 0.00	29.80 -2.42 0.00	35.46 -4.25 0.00	38.02 -4.94 0.00	37.78 -5.29 -0.06	38.07 -5.29 0.00	36.00 -5.71 0.00	35.84 -5.21 0.00	35.06 -5.01 0.00	34.87 -4.98 0.00	34.42 -5.05 0.00	35.59 -4.90 0.00	36.06 -4.68 0.00	38.07 -4.85 0.00	36.89 -4.89 0.00	33.77 -4.35 0.00	30.86 -3.81 0.00	29.60 -3.85 0.00	27.52 -3.20 0.00	26.82 -2.52 0.00
OAK_ORCHARD__HYD 24046	32.13 -1.51 0.00	29.81 -1.34 0.00	28.98 -1.46 0.00	28.66 -1.41 0.00	28.65 -1.32 0.00	30.83 -1.38 0.00	37.33 -2.38 0.00	40.34 -2.62 0.00	40.49 -2.58 -0.06	40.67 -2.69 0.00	38.76 -2.96 0.00	38.34 -2.71 0.00	37.51 -2.57 0.00	37.26 -2.59 0.00	36.83 -2.64 0.00	37.99 -2.51 0.00	38.30 -2.44 0.00	40.39 -2.53 0.00	39.18 -2.59 0.00	35.76 -2.36 0.00	32.55 -2.12 0.00	31.27 -2.17 0.00	28.88 -1.84 0.00	27.84 -1.50 0.00
OAKDALE__35_KV_LOAD 356122	33.54 -0.10 0.00	31.06 -0.09 0.00	30.32 -0.12 0.00	29.92 -0.15 0.00	29.88 -0.09 0.00	32.18 -0.03 0.00	39.47 -0.24 0.00	42.79 -0.17 0.00	42.74 -0.43 -0.17	42.75 -0.61 0.00	41.17 -0.54 0.00	40.56 -0.49 0.00	39.67 -0.40 0.00	39.41 -0.44 0.00	39.08 -0.39 0.00	40.05 -0.45 0.00	40.29 -0.45 0.00	42.71 -0.21 0.00	41.48 -0.29 0.00	37.89 -0.23 0.00	34.43 -0.24 0.00	33.28 -0.17 0.00	30.50 -0.22 0.00	29.22 -0.12 0.00
OCC_CHEM__DRP 24175	30.45 -3.20 0.00	28.22 -2.93 0.00	27.58 -2.86 0.00	27.18 -2.89 0.00	27.27 -2.70 0.00	29.25 -2.96 0.00	34.74 -4.96 0.00	37.12 -5.84 0.00	36.96 -6.11 -0.06	36.60 -6.76 0.00	35.29 -6.42 0.00	34.85 -6.20 0.00	34.26 -5.81 0.00	34.03 -5.82 0.00	33.63 -5.84 0.00	34.42 -6.07 0.00	34.34 -6.40 0.00	36.95 -5.97 0.00	36.09 -5.68 0.00	33.13 -4.99 0.00	30.27 -4.40 0.00	29.87 -3.58 0.00	27.06 -3.66 0.00	26.44 -2.90 0.00

OH_GEN_PROXY 24063	30.75 -2.89 0.00	28.66 -2.49 0.00	27.86 -2.59 0.00	27.45 -2.62 0.00	27.55 -2.43 0.00	29.54 -2.67 0.00	35.22 -4.49 0.00	37.72 -5.24 0.00	37.53 -5.55 -0.07	37.46 -5.55 0.35	36.10 -5.97 -0.35	35.55 -5.50 0.00	34.78 -5.29 0.00	34.55 -5.30 0.00	34.18 -5.29 0.00	35.31 -5.18 0.00	35.81 -4.93 0.00	37.81 -5.11 0.00	36.63 -5.14 0.00	33.62 -4.50 0.00	30.72 -3.95 0.00	29.50 -3.95 0.00	27.43 -3.29 0.00	26.73 -2.61 0.00
OLIN_CORP_DRP 24177	30.48 -3.16 0.00	28.25 -2.90 0.00	27.61 -2.83 0.00	27.18 -2.89 0.00	27.27 -2.70 0.00	29.28 -2.93 0.00	34.78 -4.92 0.00	37.21 -5.76 0.00	37.01 -6.06 -0.07	36.64 -6.72 0.00	35.33 -6.38 0.00	34.93 -6.12 0.00	34.34 -5.73 0.00	34.11 -5.74 0.00	33.71 -5.76 0.00	34.46 -6.03 0.00	34.42 -6.31 0.00	37.04 -5.88 0.00	36.13 -5.64 0.00	33.17 -4.96 0.00	30.30 -4.37 0.00	29.90 -3.55 0.00	27.09 -3.62 0.00	26.44 -2.90 0.00
OLIN_CORP_DSASP 323712	30.45 -3.20 0.00	28.38 -2.77 0.00	27.58 -2.86 0.00	27.18 -2.89 0.00	27.27 -2.70 0.00	29.25 -2.96 0.00	34.74 -4.96 0.00	37.16 -5.80 0.00	36.96 -6.11 -0.06	37.25 -6.11 0.00	35.17 -6.55 0.00	35.02 -6.03 0.00	34.26 -5.81 0.00	34.03 -5.82 0.00	33.63 -5.84 0.00	34.83 -5.67 0.00	35.28 -5.46 0.00	37.25 -5.67 0.00	36.09 -5.68 0.00	33.13 -4.99 0.00	30.27 -4.40 0.00	29.07 -4.38 0.00	27.06 -3.66 0.00	26.43 -2.91 0.00
ONEIDA_HERK_LFGE 323681	34.38 0.74 0.00	31.81 0.66 0.00	31.05 0.61 0.00	30.70 0.63 0.00	30.60 0.63 0.00	32.99 0.77 0.00	40.82 1.11 0.00	44.30 1.33 0.00	44.23 1.20 -0.02	44.62 1.26 0.00	42.88 1.17 0.00	42.11 1.07 0.00	41.15 1.08 0.00	40.96 1.11 0.00	40.58 1.10 0.00	41.59 1.09 0.00	41.92 1.18 0.00	44.21 1.29 0.00	42.94 1.17 0.00	39.07 0.95 0.00	35.54 0.87 0.00	34.22 0.77 0.00	31.30 0.58 0.00	29.81 0.47 0.00
ONEIDA___115KV_TB4 55905	34.52 0.87 0.00	31.90 0.75 0.00	31.18 0.73 0.00	30.82 0.75 0.00	30.72 0.75 0.00	33.15 0.93 0.00	40.98 1.27 0.00	44.51 1.55 0.00	44.46 1.42 -0.03	44.70 1.34 0.00	43.01 1.29 0.00	42.32 1.27 0.00	41.35 1.28 0.00	41.12 1.28 0.00	40.78 1.30 0.00	41.75 1.26 0.00	42.00 1.26 0.00	44.29 1.37 0.00	43.03 1.25 0.00	39.19 1.07 0.00	35.64 0.97 0.00	34.35 0.90 0.00	31.43 0.71 0.00	29.96 0.62 0.00
ONONDAGA_REF_OCCRA 23987	33.14 -0.50 0.00	30.65 -0.50 0.00	29.93 -0.52 0.00	29.56 -0.51 0.00	29.52 -0.45 0.00	31.76 -0.45 0.00	39.07 -0.64 0.00	42.36 -0.60 0.00	42.42 -0.65 -0.06	42.54 -0.82 0.00	40.97 -0.75 0.00	40.31 -0.74 0.00	39.39 -0.68 0.00	39.17 -0.68 0.00	38.80 -0.67 0.00	39.81 -0.69 0.00	40.01 -0.73 0.00	42.32 -0.60 0.00	41.15 -0.63 0.00	37.59 -0.53 0.00	34.18 -0.49 0.00	33.05 -0.40 0.00	30.26 -0.46 0.00	28.93 -0.41 0.00
ONONDAGA___COGEN 23986	33.14 -0.50 0.00	30.65 -0.50 0.00	29.93 -0.52 0.00	29.56 -0.51 0.00	29.52 -0.45 0.00	31.76 -0.45 0.00	39.07 -0.64 0.00	42.36 -0.60 0.00	42.42 -0.65 -0.05	42.54 -0.82 0.00	40.97 -0.75 0.00	40.35 -0.70 0.00	39.43 -0.64 0.00	39.21 -0.64 0.00	38.84 -0.63 0.00	39.85 -0.65 0.00	40.01 -0.73 0.00	42.32 -0.60 0.00	41.15 -0.63 0.00	37.59 -0.53 0.00	34.18 -0.49 0.00	32.98 -0.47 0.00	30.23 -0.49 0.00	28.90 -0.44 0.00
ONTARIO___LFGE 23819	34.11 0.47 0.00	31.55 0.40 0.00	30.78 0.34 0.00	30.31 0.24 0.00	30.36 0.39 0.00	32.76 0.55 0.00	39.91 0.20 0.00	43.44 0.47 0.00	43.14 0.04 -0.09	43.62 0.26 0.00	41.88 0.17 0.00	41.34 0.29 0.00	40.35 0.28 0.00	40.17 0.32 0.00	39.75 0.28 0.00	40.78 0.29 0.00	41.11 0.37 0.00	43.61 0.68 0.00	41.19 -0.58 0.00	37.59 -0.53 0.00	34.11 -0.56 0.00	32.74 -0.70 0.00	30.07 -0.65 0.00	28.84 -0.50 0.00
ORANGEVILLE_WT_PWR 323706	32.13 -1.51 0.00	29.81 -1.34 0.00	28.98 -1.46 0.00	28.54 -1.53 0.00	28.56 -1.41 0.00	30.70 -1.51 0.00	36.85 -2.86 0.00	39.61 -3.35 0.00	39.05 -4.04 -0.09	39.59 -3.77 0.00	37.54 -4.17 0.00	37.27 -3.78 0.00	36.43 -3.65 0.00	36.18 -3.67 0.00	35.80 -3.67 0.00	36.93 -3.56 0.00	37.32 -3.42 0.00	39.57 -3.35 0.00	38.22 -3.55 0.00	35.03 -3.09 0.00	31.89 -2.77 0.00	30.64 -2.81 0.00	28.35 -2.36 0.00	27.52 -1.82 0.00
ORANGEVILLE___ESR 323794	32.13 -1.51 0.00	29.81 -1.34 0.00	28.98 -1.46 0.00	28.54 -1.53 0.00	28.56 -1.41 0.00	30.70 -1.51 0.00	36.85 -2.86 0.00	39.61 -3.35 0.00	39.05 -4.04 -0.09	39.59 -3.77 0.00	37.54 -4.17 0.00	37.27 -3.78 0.00	36.43 -3.65 0.00	36.18 -3.67 0.00	35.80 -3.67 0.00	36.93 -3.56 0.00	37.32 -3.42 0.00	39.57 -3.35 0.00	38.22 -3.55 0.00	35.03 -3.09 0.00	31.89 -2.77 0.00	30.64 -2.81 0.00	28.35 -2.36 0.00	27.52 -1.82 0.00
OSWEGATCHIE___HYD 24044	33.44 -0.20 0.00	30.93 -0.22 0.00	30.17 -0.27 0.00	29.86 -0.21 0.00	29.76 -0.21 0.00	31.99 -0.22 0.00	39.47 -0.24 0.00	42.75 -0.21 0.00	42.63 -0.39 -0.01	42.93 -0.43 0.00	41.55 -0.17 0.00	40.85 -0.20 0.00	39.83 -0.24 0.00	39.69 -0.16 0.00	39.28 -0.20 0.00	40.21 -0.28 0.00	40.50 -0.24 0.00	42.53 -0.39 0.00	41.48 -0.29 0.00	37.67 -0.46 0.00	34.32 -0.35 0.00	33.05 -0.40 0.00	30.17 -0.55 0.00	28.72 -0.62 0.00
OSWEGO___5 23606	32.57 -1.08 0.00	30.15 -1.00 0.00	29.44 -1.00 0.00	29.08 -0.99 0.00	29.01 -0.96 0.00	31.18 -1.03 0.00	38.36 -1.35 0.00	41.59 -1.38 0.00	41.67 -1.38 -0.04	41.97 -1.39 0.00	40.22 -1.50 0.00	39.61 -1.44 0.00	38.71 -1.36 0.00	38.49 -1.35 0.00	38.13 -1.34 0.00	39.12 -1.38 0.00	39.40 -1.34 0.00	41.59 -1.33 0.00	40.40 -1.38 0.00	36.90 -1.22 0.00	33.53 -1.14 0.00	32.31 -1.14 0.00	29.71 -1.01 0.00	28.40 -0.94 0.00
OSWEGO___6 23613	32.57 -1.08 0.00	30.15 -1.00 0.00	29.44 -1.00 0.00	29.08 -0.99 0.00	29.01 -0.96 0.00	31.18 -1.03 0.00	38.36 -1.35 0.00	41.59 -1.38 0.00	41.67 -1.38 -0.04	41.97 -1.39 0.00	40.22 -1.50 0.00	39.61 -1.44 0.00	38.71 -1.36 0.00	38.49 -1.35 0.00	38.13 -1.34 0.00	39.12 -1.38 0.00	39.40 -1.34 0.00	41.59 -1.33 0.00	40.40 -1.38 0.00	36.90 -1.22 0.00	33.53 -1.14 0.00	32.31 -1.14 0.00	29.71 -1.01 0.00	28.40 -0.94 0.00
OUTOKUMPU-AB___DRP 24206	31.39 -2.25 0.00	29.06 -2.09 0.00	28.37 -2.07 0.00	27.94 -2.14 0.00	28.02 -1.95 0.00	30.09 -2.13 0.00	35.78 -3.93 0.00	38.32 -4.64 0.00	38.04 -5.03 -0.07	37.77 -5.59 0.00	36.42 -5.30 0.00	36.00 -5.05 0.00	35.38 -4.69 0.00	35.15 -4.70 0.00	34.74 -4.74 0.00	35.52 -4.98 0.00	35.44 -5.30 0.00	38.16 -4.76 0.00	37.18 -4.60 0.00	34.12 -4.00 0.00	31.13 -3.54 0.00	30.67 -2.78 0.00	27.77 -2.95 0.00	27.05 -2.29 0.00
OXBOW___BTM 323836	30.95 -2.69 0.00	28.81 -2.34 0.00	28.01 -2.44 0.00	27.61 -2.47 0.00	27.67 -2.31 0.00	29.70 -2.51 0.00	35.30 -4.41 0.00	37.81 -5.16 0.00	37.57 -5.51 -0.06	37.89 -5.46 0.00	35.79 -5.92 0.00	35.67 -5.38 0.00	34.90 -5.17 0.00	34.67 -5.18 0.00	34.26 -5.21 0.00	35.43 -5.06 0.00	35.85 -4.89 0.00	37.90 -5.02 0.00	36.72 -5.06 0.00	33.66 -4.46 0.00	30.75 -3.92 0.00	29.50 -3.95 0.00	27.46 -3.26 0.00	26.76 -2.58 0.00

OXBOW____ 24026	30.95 -2.69 0.00	28.69 -2.46 0.00	28.04 -2.41 0.00	27.61 -2.47 0.00	27.66 -2.31 0.00	29.70 -2.51 0.00	35.30 -4.41 0.00	37.81 -5.16 0.00	37.57 -5.50 -0.06	37.25 -6.11 0.00	35.92 -5.80 0.00	35.51 -5.54 0.00	34.90 -5.17 0.00	34.67 -5.18 0.00	34.26 -5.21 0.00	35.03 -5.47 0.00	34.91 -5.83 0.00	37.60 -5.32 0.00	36.72 -5.05 0.00	33.66 -4.46 0.00	30.75 -3.92 0.00	30.30 -3.14 0.00	27.46 -3.26 0.00	26.76 -2.58 0.00
OXY_CHEM_DSASP 323612	30.45 -3.20 0.00	28.22 -2.93 0.00	27.58 -2.86 0.00	27.18 -2.89 0.00	27.27 -2.70 0.00	29.25 -2.96 0.00	34.74 -4.96 0.00	37.12 -5.84 0.00	36.96 -6.11 -0.06	36.60 -6.76 0.00	35.29 -6.42 0.00	34.85 -6.20 0.00	34.26 -5.81 0.00	34.03 -5.82 0.00	33.63 -5.84 0.00	34.42 -6.07 0.00	34.34 -6.40 0.00	36.95 -5.97 0.00	36.09 -5.68 0.00	33.13 -4.99 0.00	30.27 -4.40 0.00	29.87 -3.58 0.00	27.06 -3.66 0.00	26.44 -2.90 0.00
OZONE_PARK_ESR 323760	35.46 1.82 0.00	32.86 1.71 0.00	32.15 1.70 0.00	31.70 1.62 0.00	31.56 1.59 0.00	33.99 1.77 0.00	42.13 2.42 0.00	46.36 3.39 0.00	46.97 3.44 -0.52	46.44 3.08 0.00	44.55 2.84 0.00	43.88 2.83 0.00	42.76 2.68 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.53 3.04 0.00	43.80 3.06 0.00	46.14 3.22 0.00	44.74 2.97 0.00	40.90 2.78 0.00	37.06 2.39 0.00	35.86 2.41 0.00	32.99 2.27 0.00	31.31 1.97 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	30.45 -3.20 0.00	28.22 -2.93 0.00	27.58 -2.86 0.00	27.18 -2.89 0.00	27.27 -2.70 0.00	29.25 -2.96 0.00	34.74 -4.96 0.00	37.12 -5.84 0.00	36.96 -6.11 -0.06	36.60 -6.76 0.00	35.29 -6.42 0.00	34.85 -6.20 0.00	34.26 -5.81 0.00	34.03 -5.82 0.00	33.63 -5.84 0.00	34.42 -6.07 0.00	34.34 -6.40 0.00	36.95 -5.97 0.00	36.09 -5.68 0.00	33.13 -4.99 0.00	30.27 -4.40 0.00	29.87 -3.58 0.00	27.06 -3.66 0.00	26.44 -2.90 0.00
PACKARD__115KV_DUPONT_184 80571	30.45 -3.20 0.00	28.22 -2.93 0.00	27.58 -2.86 0.00	27.18 -2.89 0.00	27.27 -2.70 0.00	29.25 -2.96 0.00	34.74 -4.96 0.00	37.12 -5.84 0.00	36.96 -6.11 -0.06	36.60 -6.76 0.00	35.29 -6.42 0.00	34.85 -6.20 0.00	34.26 -5.81 0.00	34.03 -5.82 0.00	33.63 -5.84 0.00	34.42 -6.07 0.00	34.34 -6.40 0.00	36.95 -5.97 0.00	36.09 -5.68 0.00	33.13 -4.99 0.00	30.27 -4.40 0.00	29.87 -3.58 0.00	27.06 -3.66 0.00	26.44 -2.90 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	35.43 1.78 0.00	32.86 1.71 0.00	32.12 1.67 0.00	31.60 1.53 0.00	31.59 1.62 0.00	33.86 1.64 0.00	41.85 2.14 0.00	46.01 3.05 0.00	46.49 2.97 -0.52	45.96 2.60 0.00	44.14 2.42 0.00	43.47 2.42 0.00	42.36 2.28 0.00	42.12 2.27 0.00	41.88 2.41 0.00	43.09 2.59 0.00	43.35 2.61 0.00	45.71 2.79 0.00	44.28 2.51 0.00	40.52 2.40 0.00	36.72 2.05 0.00	35.65 2.21 0.00	32.88 2.15 -0.01	31.31 1.97 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	35.86 2.22 0.00	33.27 2.12 0.00	32.55 2.10 0.00	32.03 1.95 0.00	31.98 2.01 0.00	34.28 2.06 0.00	42.33 2.62 0.00	46.53 3.57 0.00	47.05 3.53 -0.52	46.48 3.12 0.00	44.59 2.88 0.00	43.92 2.87 0.00	42.80 2.72 0.00	42.56 2.71 0.00	42.28 2.80 0.00	43.49 3.00 0.00	43.80 3.06 0.00	46.18 3.26 0.00	44.74 2.97 0.00	40.94 2.82 0.00	37.06 2.39 0.00	36.02 2.58 0.00	33.22 2.49 -0.01	31.67 2.32 -0.01
PATROON__115KV_TB1 80586	34.62 0.98 0.00	32.12 0.97 0.00	31.45 1.00 0.00	31.03 0.96 0.00	30.90 0.93 0.00	33.21 1.00 0.00	41.14 1.43 0.00	44.73 1.76 0.00	45.42 1.76 -0.65	44.92 1.56 0.00	42.97 1.25 0.00	42.36 1.31 0.00	41.31 1.24 0.00	41.08 1.24 0.00	40.70 1.22 0.00	41.75 1.26 0.00	42.04 1.30 0.00	44.25 1.33 0.00	42.94 1.17 0.00	39.38 1.26 0.00	35.92 1.25 0.00	34.58 1.14 0.00	31.86 1.14 0.00	30.40 1.06 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	32.23 -1.41 0.00	29.81 -1.34 0.00	29.11 -1.34 0.00	28.66 -1.41 0.00	28.71 -1.26 0.00	30.89 -1.32 0.00	36.85 -2.86 0.00	39.57 -3.39 0.00	38.48 -4.60 -0.07	38.85 -4.51 0.00	37.54 -4.17 0.00	37.15 -3.90 0.00	36.43 -3.65 0.00	36.22 -3.63 0.00	35.80 -3.67 0.00	36.61 -3.89 0.00	36.58 -4.16 0.00	39.36 -3.56 0.00	38.31 -3.47 0.00	35.11 -3.01 0.00	32.00 -2.67 0.00	31.41 -2.04 0.00	28.48 -2.24 0.00	27.70 -1.64 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	35.53 1.88 0.00	32.89 1.74 0.00	32.15 1.70 0.00	31.76 1.68 0.00	31.47 1.50 0.00	33.92 1.71 0.00	42.17 2.46 0.00	46.23 3.27 0.00	46.80 3.27 -0.53	46.22 2.86 0.00	44.43 2.71 0.00	43.68 2.63 0.00	42.52 2.44 0.00	42.28 2.43 0.00	42.00 2.53 0.00	43.25 2.75 0.00	43.47 2.73 0.00	45.93 3.00 0.00	44.66 2.88 0.00	40.68 2.55 0.00	36.85 2.18 0.00	35.49 2.04 0.00	32.65 1.94 0.00	31.07 1.73 0.00
PEEKSKILL____ 23653	35.02 1.38 0.00	32.40 1.25 0.00	31.75 1.31 0.00	31.33 1.26 0.00	31.17 1.20 0.00	33.57 1.35 0.00	41.61 1.91 0.00	45.54 2.58 0.00	46.19 2.67 -0.51	46.09 2.73 0.00	43.88 2.17 0.00	43.18 2.13 0.00	42.07 2.00 0.00	41.84 1.99 0.00	41.56 2.09 0.00	42.68 2.19 0.00	42.86 2.12 0.00	45.45 2.53 0.00	44.07 2.30 0.00	40.25 2.13 0.00	36.51 1.84 0.00	35.32 1.87 0.00	32.44 1.72 0.00	30.86 1.52 0.00
PGE MADISON__WINDPWR 24146	36.84 3.20 0.00	33.98 2.83 0.00	33.12 2.68 0.00	32.72 2.65 0.00	32.58 2.61 0.00	35.14 2.93 0.00	43.52 3.81 0.00	47.26 4.30 0.00	46.82 3.65 -0.16	47.04 3.68 0.00	44.93 3.21 0.00	44.04 3.00 0.00	43.08 3.01 0.00	42.76 2.91 0.00	42.32 2.84 0.00	43.37 2.88 0.00	43.75 3.01 0.00	46.40 3.48 0.00	44.91 3.13 0.00	40.83 2.71 0.00	37.10 2.43 0.00	35.72 2.28 0.00	32.59 1.87 0.00	30.84 1.50 0.00
PIERCEFIELD__HYD 23852	33.51 -0.13 0.00	30.99 -0.16 0.00	30.23 -0.21 0.00	29.92 -0.15 0.00	29.79 -0.18 0.00	31.92 -0.29 0.00	39.27 -0.44 0.00	42.41 -0.56 0.00	42.32 -0.69 0.00	43.10 -0.26 0.00	41.55 -0.17 0.00	40.80 -0.25 0.00	39.75 -0.32 0.00	39.61 -0.24 0.00	39.12 -0.36 0.00	40.05 -0.45 0.00	40.25 -0.49 0.00	42.15 -0.77 0.00	41.15 -0.63 0.00	37.32 -0.80 0.00	34.11 -0.55 0.00	32.81 -0.64 0.00	29.98 -0.74 0.00	28.64 -0.70 0.00
PINELAWN_CC_1 323563	46.64 2.39 -10.61	41.04 2.21 -7.68	36.76 2.25 -4.06	38.86 2.17 -6.62	40.48 2.13 -8.38	44.13 2.38 -9.54	55.07 3.18 -12.19	58.08 4.04 -11.08	57.14 4.09 -10.05	54.38 4.12 -6.90	45.35 3.50 -0.13	45.65 3.41 -1.20	44.36 3.37 -0.93	44.13 3.35 -0.93	44.87 3.47 -1.92	44.87 3.60 -0.77	47.47 3.59 -3.15	56.76 4.08 -9.76	52.55 3.80 -6.98	47.22 3.50 -5.59	43.71 2.98 -6.06	41.52 2.94 -5.13	40.10 2.70 -6.68	33.54 2.43 -1.76
PJM_GEN_HTP_PROXY 323702	35.12 1.48 0.00	32.55 1.40 0.00	31.91 1.46 0.00	31.46 1.38 0.00	31.32 1.35 0.00	33.76 1.55 0.00	41.81 2.10 0.00	45.89 2.92 0.00	46.58 3.05 -0.52	46.13 3.12 0.35	44.57 2.50 -0.35	43.51 2.46 0.00	42.40 2.32 0.00	42.16 2.31 0.00	41.88 2.41 0.00	43.01 2.51 0.00	43.14 2.40 0.00	45.75 2.83 0.00	44.32 2.55 0.00	40.52 2.40 0.00	36.71 2.05 0.00	35.56 2.11 0.00	32.69 1.97 0.00	31.04 1.70 0.00

PJM_GEN_KEystone 24065	33.34 -0.30 0.00	30.90 -0.25 0.00	30.20 -0.24 0.00	29.80 -0.27 0.00	29.73 -0.24 0.00	32.02 -0.19 0.00	39.07 -0.64 0.00	42.45 -0.51 0.00	42.55 -0.77 -0.31	42.39 -0.61 0.36	40.98 -1.08 -0.35	40.15 -0.90 0.00	39.19 -0.88 0.00	38.93 -0.91 0.00	38.60 -0.87 0.00	39.69 -0.81 0.00	40.01 -0.73 0.00	42.45 -0.47 0.00	41.10 -0.67 0.00	37.59 -0.53 0.00	34.18 -0.49 0.00	33.01 -0.44 0.00	30.41 -0.31 0.00	29.19 -0.15 0.00
PJM_GEN_NEPTUNE_PROXY 323594	46.17 1.92 -10.61	40.60 1.77 -7.68	36.30 1.80 -4.06	38.44 1.74 -6.62	40.06 1.71 -8.38	43.65 1.90 -9.54	54.44 2.54 -12.19	57.35 3.31 -11.08	56.45 3.40 -10.05	53.38 3.47 -6.55	45.03 2.84 -0.48	45.04 2.79 -1.20	43.68 2.69 -0.93	43.45 2.67 -0.93	44.16 2.76 -1.92	44.14 2.88 -0.77	46.70 2.81 -3.15	55.94 3.26 -9.76	51.76 3.01 -6.98	46.49 2.78 -5.59	43.12 2.39 -6.06	41.02 2.44 -5.13	39.64 2.24 -6.68	33.13 2.02 -1.76
PJM_GEN_VFT_PROXY 323633	34.99 1.35 0.00	32.43 1.28 0.00	31.78 1.34 0.00	31.33 1.26 0.00	31.20 1.23 0.00	33.63 1.42 0.00	41.61 1.91 0.00	45.72 2.75 0.00	46.41 2.88 -0.52	45.96 2.95 0.35	44.40 2.33 -0.35	43.35 2.30 0.00	42.27 2.20 0.00	42.04 2.19 0.00	41.76 2.29 0.00	42.84 2.35 0.00	42.98 2.24 0.00	45.58 2.66 0.00	44.15 2.38 0.00	40.37 2.25 0.00	36.58 1.91 0.00	35.49 2.04 0.00	32.59 1.87 0.00	30.95 1.61 0.00
PLATSBRG_115KV_PMLD1 355749	35.56 1.92 0.00	32.89 1.74 0.00	32.06 1.61 0.00	31.70 1.62 0.00	31.59 1.62 0.00	33.41 1.19 0.00	41.14 1.43 0.00	44.51 1.55 0.00	44.25 1.25 0.00	45.01 1.65 0.00	43.34 1.63 0.00	42.53 1.48 0.00	41.35 1.28 0.00	41.16 1.31 0.00	40.58 1.11 0.00	41.35 0.85 0.00	41.51 0.77 0.00	43.39 0.47 0.00	42.19 0.42 0.00	38.04 -0.08 0.00	34.36 -0.31 0.00	32.98 -0.47 0.00	30.07 -0.65 0.00	29.11 -0.23 0.00
PLEASANTVLY___LBMP 24000	34.99 1.35 0.00	32.43 1.28 0.00	31.72 1.28 0.00	31.30 1.23 0.00	31.17 1.20 0.00	33.57 1.35 0.00	41.53 1.83 0.00	45.46 2.49 0.00	46.09 2.54 -0.55	45.57 2.21 0.00	43.72 2.00 0.00	43.02 1.97 0.00	41.92 1.84 0.00	41.68 1.83 0.00	41.37 1.89 0.00	42.56 2.07 0.00	42.86 2.12 0.00	45.20 2.27 0.00	43.86 2.09 0.00	40.07 1.94 0.00	36.37 1.70 0.00	35.05 1.61 0.00	32.32 1.60 0.00	30.81 1.47 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.12 1.48 0.00	32.55 1.40 0.00	31.88 1.43 0.00	31.45 1.38 0.00	31.29 1.32 0.00	33.70 1.48 0.00	41.77 2.06 0.00	45.80 2.84 0.00	46.41 2.88 -0.53	45.87 2.51 0.00	44.05 2.34 0.00	43.35 2.30 0.00	42.28 2.20 0.00	42.00 2.15 0.00	41.72 2.25 0.00	42.93 2.43 0.00	43.22 2.49 0.00	45.58 2.66 0.00	44.24 2.46 0.00	40.37 2.25 0.00	36.65 1.98 0.00	35.32 1.87 0.00	32.53 1.81 0.00	30.98 1.64 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.12 1.48 0.00	32.55 1.40 0.00	31.88 1.43 0.00	31.45 1.38 0.00	31.29 1.32 0.00	33.70 1.48 0.00	41.77 2.06 0.00	45.80 2.84 0.00	46.41 2.88 -0.53	45.87 2.51 0.00	44.05 2.34 0.00	43.35 2.30 0.00	42.28 2.20 0.00	42.00 2.15 0.00	41.72 2.25 0.00	42.93 2.43 0.00	43.22 2.49 0.00	45.58 2.66 0.00	44.24 2.46 0.00	40.37 2.25 0.00	36.65 1.98 0.00	35.32 1.87 0.00	32.53 1.81 0.00	30.98 1.64 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.26 1.61 0.00	32.65 1.50 0.00	31.97 1.52 0.00	31.54 1.47 0.00	31.38 1.41 0.00	33.82 1.61 0.00	41.85 2.14 0.00	45.80 2.84 0.00	46.38 2.84 -0.54	45.83 2.47 0.00	44.01 2.29 0.00	43.27 2.22 0.00	42.16 2.08 0.00	41.92 2.07 0.00	41.60 2.13 0.00	42.80 2.31 0.00	43.14 2.40 0.00	45.50 2.58 0.00	44.24 2.46 0.00	40.29 2.17 0.00	36.54 1.87 0.00	35.19 1.74 0.00	32.47 1.75 0.00	30.92 1.58 0.00
POLETTI_____ 23519	35.16 1.51 0.00	32.65 1.50 0.00	31.97 1.52 0.00	31.51 1.44 0.00	31.38 1.41 0.00	33.76 1.55 0.00	41.77 2.06 0.00	45.93 2.96 0.00	46.54 3.01 -0.52	46.00 2.64 0.00	44.18 2.46 0.00	43.51 2.46 0.00	42.40 2.32 0.00	42.16 2.31 0.00	41.88 2.41 0.00	43.09 2.59 0.00	43.39 2.65 0.00	45.67 2.75 0.00	44.28 2.51 0.00	40.48 2.36 0.00	36.68 2.01 0.00	35.42 1.97 0.00	32.69 1.97 0.00	31.07 1.73 0.00
POMONA___ESR 323819	34.89 1.25 0.00	32.27 1.12 0.00	31.63 1.19 0.00	31.21 1.14 0.00	31.08 1.11 0.00	33.47 1.26 0.00	41.45 1.75 0.00	45.37 2.40 0.00	46.00 2.49 -0.50	45.92 2.56 0.00	43.72 2.00 0.00	42.98 1.93 0.00	41.92 1.84 0.00	41.68 1.83 0.00	41.41 1.93 0.00	42.48 1.98 0.00	42.70 1.96 0.00	45.28 2.36 0.00	43.94 2.17 0.00	40.10 1.98 0.00	36.37 1.70 0.00	35.22 1.77 0.00	32.38 1.66 0.00	30.84 1.50 0.00
PORT_JEFF_3 23555	46.95 2.69 -10.61	41.29 2.46 -7.68	37.00 2.50 -4.06	39.13 2.43 -6.62	40.75 2.40 -8.38	44.42 2.67 -9.54	55.42 3.53 -12.19	58.51 4.47 -11.08	57.57 4.51 -10.05	54.60 4.34 -6.90	45.76 3.92 -0.13	46.02 3.77 -1.20	44.81 3.81 -0.93	44.57 3.79 -0.93	45.30 3.91 -1.92	45.24 3.97 -0.77	47.96 4.07 -3.15	57.24 4.55 -9.77	53.02 4.26 -6.99	47.65 3.93 -5.60	44.02 3.30 -6.06	41.82 3.24 -5.13	40.37 2.98 -6.68	33.77 2.67 -1.76
PORT_JEFF_4 23616	46.95 2.69 -10.61	41.29 2.46 -7.68	37.00 2.50 -4.06	39.13 2.43 -6.62	40.75 2.40 -8.38	44.42 2.67 -9.54	55.42 3.53 -12.19	58.51 4.47 -11.08	57.57 4.51 -10.05	54.60 4.34 -6.90	45.76 3.92 -0.13	46.02 3.77 -1.20	44.81 3.81 -0.93	44.57 3.79 -0.93	45.30 3.91 -1.92	45.24 3.97 -0.77	47.96 4.07 -3.15	57.24 4.55 -9.77	53.02 4.26 -6.99	47.65 3.93 -5.60	44.02 3.30 -6.06	41.82 3.24 -5.13	40.37 2.98 -6.68	33.77 2.67 -1.76
PORT_JEFF_IC 23713	46.98 2.72 -10.61	41.35 2.52 -7.68	37.03 2.53 -4.06	39.16 2.47 -6.62	40.78 2.43 -8.38	44.46 2.71 -9.54	55.51 3.61 -12.19	58.56 4.51 -11.08	57.66 4.60 -10.05	54.64 4.38 -6.90	45.85 4.01 -0.13	46.07 3.82 -1.20	44.84 3.85 -0.93	44.61 3.83 -0.93	45.34 3.95 -1.92	45.32 4.05 -0.77	48.00 4.11 -3.15	57.33 4.64 -9.77	53.11 4.34 -6.99	47.73 4.00 -5.61	44.09 3.36 -6.06	41.86 3.28 -5.13	40.41 3.01 -6.68	33.80 2.70 -1.76
PPL PILGRIM_ST_GT1 24216	46.95 2.69 -10.61	41.32 2.49 -7.68	37.03 2.53 -4.06	39.13 2.43 -6.62	40.75 2.40 -8.38	44.39 2.64 -9.54	55.42 3.53 -12.19	58.47 4.43 -11.08	57.53 4.47 -10.05	54.68 4.42 -6.90	45.73 3.88 -0.13	45.98 3.74 -1.20	44.72 3.73 -0.93	44.53 3.74 -0.93	45.22 3.83 -1.92	45.20 3.93 -0.77	47.88 3.99 -3.15	57.18 4.51 -9.76	52.93 4.18 -6.98	47.56 3.85 -5.59	43.99 3.26 -6.06	41.82 3.24 -5.13	40.37 2.98 -6.68	33.80 2.70 -1.76
PPL PILGRIM_ST_GT2 24217	46.95 2.69 -10.61	41.32 2.49 -7.68	37.03 2.53 -4.06	39.13 2.43 -6.62	40.75 2.40 -8.38	44.39 2.64 -9.54	55.42 3.53 -12.19	58.47 4.43 -11.08	57.53 4.47 -10.05	54.68 4.42 -6.90	45.73 3.88 -0.13	45.98 3.74 -1.20	44.72 3.73 -0.93	44.53 3.74 -0.93	45.22 3.83 -1.92	45.20 3.93 -0.77	47.88 3.99 -3.15	57.18 4.51 -9.76	52.93 4.18 -6.98	47.56 3.85 -5.59	43.99 3.26 -6.06	41.82 3.24 -5.13	40.37 2.98 -6.68	33.80 2.70 -1.76

PPL_SHRM_GT3 24213	47.18 2.93 -10.61	41.51 2.68 -7.68	37.18 2.68 -4.06	39.31 2.61 -6.62	40.93 2.58 -8.38	44.62 2.87 -9.54	55.74 3.85 -12.19	58.90 4.85 -11.08	57.91 4.86 -10.05	54.60 4.34 -6.90	46.14 4.30 -0.13	46.23 3.98 -1.20	45.13 4.13 -0.93	44.89 4.11 -0.93	45.62 4.23 -1.92	45.60 4.34 -0.77	48.29 4.40 -3.15	57.67 4.98 -9.77	53.44 4.68 -6.99	48.03 4.31 -5.60	44.34 3.61 -6.06	42.06 3.48 -5.13	40.59 3.19 -6.68	33.95 2.85 -1.76
PPL_SHRM_GT4 24214	47.18 2.93 -10.61	41.51 2.68 -7.68	37.18 2.68 -4.06	39.31 2.61 -6.62	40.93 2.58 -8.38	44.62 2.87 -9.54	55.74 3.85 -12.19	58.90 4.85 -11.08	57.91 4.86 -10.05	54.60 4.34 -6.90	46.14 4.30 -0.13	46.23 3.98 -1.20	45.13 4.13 -0.93	44.89 4.11 -0.93	45.62 4.23 -1.92	45.60 4.34 -0.77	48.29 4.40 -3.15	57.67 4.98 -9.77	53.44 4.68 -6.99	48.03 4.31 -5.60	44.34 3.61 -6.06	42.06 3.48 -5.13	40.59 3.19 -6.68	33.95 2.85 -1.76
PROJECT___ORANGE 1 24174	32.94 -0.71 0.00	30.46 -0.69 0.00	29.77 -0.67 0.00	29.41 -0.66 0.00	29.34 -0.63 0.00	31.57 -0.64 0.00	38.79 -0.91 0.00	42.06 -0.90 0.00	42.15 -0.90 -0.05	42.28 -1.08 0.00	40.67 -1.04 0.00	40.06 -0.99 0.00	39.15 -0.92 0.00	38.93 -0.92 0.00	38.56 -0.91 0.00	39.56 -0.93 0.00	39.72 -1.02 0.00	42.02 -0.90 0.00	40.85 -0.92 0.00	37.32 -0.80 0.00	33.98 -0.69 0.00	32.85 -0.60 0.00	30.07 -0.65 0.00	28.78 -0.56 0.00
PROJECT___ORANGE 2 24166	32.94 -0.71 0.00	30.46 -0.69 0.00	29.77 -0.67 0.00	29.41 -0.66 0.00	29.34 -0.63 0.00	31.57 -0.64 0.00	38.79 -0.91 0.00	42.06 -0.90 0.00	42.15 -0.90 -0.05	42.28 -1.08 0.00	40.67 -1.04 0.00	40.06 -0.99 0.00	39.15 -0.92 0.00	38.93 -0.92 0.00	38.56 -0.91 0.00	39.56 -0.93 0.00	39.72 -1.02 0.00	42.02 -0.90 0.00	40.85 -0.92 0.00	37.32 -0.80 0.00	33.98 -0.69 0.00	32.85 -0.60 0.00	30.07 -0.65 0.00	28.78 -0.56 0.00
PUCKETT___SOLAR 323809	34.38 0.74 0.00	31.81 0.66 0.00	31.05 0.61 0.00	30.64 0.57 0.00	30.60 0.63 0.00	32.99 0.77 0.00	40.58 0.87 0.00	44.04 1.07 0.00	43.91 0.73 -0.17	44.23 0.87 0.00	42.26 0.54 0.00	41.58 0.53 0.00	40.63 0.56 0.00	40.41 0.56 0.00	40.07 0.59 0.00	41.10 0.61 0.00	41.43 0.69 0.00	43.91 0.99 0.00	42.57 0.79 0.00	38.81 0.69 0.00	35.26 0.59 0.00	33.95 0.50 0.00	31.15 0.43 0.00	29.75 0.41 0.00
PYRITES___HYD 24023	34.25 0.61 0.00	31.65 0.50 0.00	30.90 0.46 0.00	30.61 0.54 0.00	30.48 0.51 0.00	32.73 0.52 0.00	40.34 0.64 0.00	43.57 0.60 0.00	43.48 0.47 0.00	44.31 0.95 0.00	42.76 1.04 0.00	41.99 0.94 0.00	40.95 0.88 0.00	40.80 0.96 0.00	40.26 0.79 0.00	41.14 0.65 0.00	41.31 0.57 0.00	43.31 0.39 0.00	42.28 0.50 0.00	38.31 0.19 0.00	35.02 0.35 0.00	33.65 0.20 0.00	30.72 0.00 0.00	29.28 -0.06 0.00
QUAKERRD_115KV_BK1 80622	31.49 -2.15 0.00	29.13 -2.02 0.00	28.44 -2.01 0.00	28.12 -1.95 0.00	28.11 -1.86 0.00	30.22 -2.00 0.00	36.77 -2.94 0.00	39.74 -3.22 0.00	39.97 -3.10 -0.06	39.80 -3.56 0.00	38.38 -3.34 0.00	37.81 -3.24 0.00	37.03 -3.05 0.00	36.82 -3.03 0.00	36.39 -3.08 0.00	37.30 -3.20 0.00	37.36 -3.38 0.00	39.66 -3.26 0.00	38.77 -3.01 0.00	35.34 -2.78 0.00	32.17 -2.50 0.00	31.27 -2.17 0.00	28.51 -2.21 0.00	27.40 -1.94 0.00
QUENSBRY_115KV_TB8 356137	34.85 1.21 0.00	32.24 1.09 0.00	31.51 1.07 0.00	31.09 1.02 0.00	30.93 0.96 0.00	33.37 1.16 0.00	41.53 1.83 0.00	45.24 2.28 0.00	46.03 2.37 -0.66	45.35 1.99 0.00	43.72 2.00 0.00	43.02 1.97 0.00	41.92 1.84 0.00	41.64 1.79 0.00	41.17 1.70 0.00	42.24 1.74 0.00	42.74 2.00 0.00	45.15 2.23 0.00	43.61 1.84 0.00	39.84 1.72 0.00	36.26 1.59 0.00	35.05 1.61 0.00	32.16 1.44 0.00	31.57 2.23 0.00
RAMAPO___LBMP 323565	34.82 1.18 0.00	32.24 1.09 0.00	31.57 1.13 0.00	31.15 1.08 0.00	31.02 1.05 0.00	33.41 1.19 0.00	41.33 1.63 0.00	45.33 2.36 0.00	45.87 2.37 -0.50	45.35 1.99 0.00	43.59 1.88 0.00	42.90 1.85 0.00	41.83 1.76 0.00	41.56 1.71 0.00	41.29 1.82 0.00	42.44 1.94 0.00	42.78 2.04 0.00	45.11 2.19 0.00	43.82 2.05 0.00	39.99 1.87 0.00	36.30 1.63 0.00	34.99 1.54 0.00	32.29 1.57 0.00	30.72 1.38 0.00
RANKINE____ 23646	31.83 -1.82 0.00	29.44 -1.71 0.00	28.77 -1.67 0.00	28.33 -1.74 0.00	28.38 -1.59 0.00	30.47 -1.74 0.00	36.33 -3.38 0.00	38.97 -4.00 0.00	38.39 -4.69 -0.07	38.33 -5.03 0.00	37.00 -4.71 0.00	36.57 -4.47 0.00	35.90 -4.17 0.00	35.66 -4.18 0.00	35.25 -4.22 0.00	36.08 -4.41 0.00	36.01 -4.73 0.00	38.76 -4.16 0.00	37.76 -4.01 0.00	34.61 -3.51 0.00	31.58 -3.09 0.00	31.04 -2.41 0.00	28.14 -2.58 0.00	27.40 -1.94 0.00
RAVENSWOOD_GT2_1 24244	35.19 1.55 0.00	32.65 1.50 0.00	31.97 1.52 0.00	31.51 1.44 0.00	31.38 1.41 0.00	33.79 1.58 0.00	41.85 2.14 0.00	46.01 3.05 0.00	46.62 3.10 -0.52	46.09 2.73 0.00	44.26 2.54 0.00	43.55 2.50 0.00	42.48 2.40 0.00	42.24 2.39 0.00	41.96 2.49 0.00	43.17 2.67 0.00	43.43 2.69 0.00	45.75 2.83 0.00	44.36 2.59 0.00	40.56 2.44 0.00	36.75 2.08 0.00	35.49 2.04 0.00	32.75 2.03 0.00	31.10 1.76 0.00
RAVENSWOOD_GT2_2 24245	35.19 1.55 0.00	32.65 1.50 0.00	31.97 1.52 0.00	31.51 1.44 0.00	31.38 1.41 0.00	33.79 1.58 0.00	41.85 2.14 0.00	46.01 3.05 0.00	46.62 3.10 -0.52	46.09 2.73 0.00	44.26 2.54 0.00	43.55 2.50 0.00	42.48 2.40 0.00	42.24 2.39 0.00	41.96 2.49 0.00	43.17 2.67 0.00	43.43 2.69 0.00	45.75 2.83 0.00	44.36 2.59 0.00	40.56 2.44 0.00	36.75 2.08 0.00	35.49 2.04 0.00	32.75 2.03 0.00	31.10 1.76 0.00
RAVENSWOOD_GT2_3 24246	35.22 1.58 0.00	32.68 1.53 0.00	31.97 1.52 0.00	31.51 1.44 0.00	31.38 1.41 0.00	33.79 1.58 0.00	41.85 2.14 0.00	46.01 3.05 0.00	46.67 3.14 -0.52	46.09 2.73 0.00	44.26 2.54 0.00	43.59 2.55 0.00	42.48 2.40 0.00	42.24 2.39 0.00	41.96 2.49 0.00	43.21 2.71 0.00	43.47 2.73 0.00	45.80 2.88 0.00	44.41 2.63 0.00	40.60 2.48 0.00	36.78 2.11 0.00	35.52 2.07 0.00	32.75 2.03 0.00	31.13 1.79 0.00
RAVENSWOOD_GT2_4 24247	35.22 1.58 0.00	32.68 1.53 0.00	31.97 1.52 0.00	31.51 1.44 0.00	31.38 1.41 0.00	33.79 1.58 0.00	41.85 2.14 0.00	46.01 3.05 0.00	46.67 3.14 -0.52	46.09 2.73 0.00	44.26 2.54 0.00	43.59 2.55 0.00	42.48 2.40 0.00	42.24 2.39 0.00	41.96 2.49 0.00	43.21 2.71 0.00	43.47 2.73 0.00	45.80 2.88 0.00	44.41 2.63 0.00	40.60 2.48 0.00	36.78 2.11 0.00	35.52 2.07 0.00	32.75 2.03 0.00	31.13 1.79 0.00
RAVENSWOOD_GT3_1 24248	35.19 1.55 0.00	32.65 1.50 0.00	31.97 1.52 0.00	31.51 1.44 0.00	31.38 1.41 0.00	33.79 1.58 0.00	41.85 2.14 0.00	46.01 3.05 0.00	46.62 3.10 -0.52	46.09 2.73 0.00	44.26 2.54 0.00	43.59 2.55 0.00	42.48 2.40 0.00	42.24 2.39 0.00	41.96 2.49 0.00	43.17 2.67 0.00	43.43 2.69 0.00	45.75 2.83 0.00	44.41 2.63 0.00	40.56 2.44 0.00	36.78 2.11 0.00	35.49 2.04 0.00	32.75 2.03 0.00	31.10 1.76 0.00



RAVENSWOOD_GT3_2 24249	35.19 1.55 0.00	32.65 1.50 0.00	31.97 1.52 0.00	31.51 1.44 0.00	31.38 1.41 0.00	33.79 1.58 0.00	41.85 2.14 0.00	46.01 3.05 0.00	46.62 3.10 -0.52	46.09 2.73 0.00	44.26 2.54 0.00	43.59 2.55 0.00	42.48 2.40 0.00	42.24 2.39 0.00	41.96 2.49 0.00	43.17 2.67 0.00	43.43 2.69 0.00	45.75 2.83 0.00	44.41 2.63 0.00	40.56 2.44 0.00	36.78 2.11 0.00	35.49 2.04 0.00	32.75 2.03 0.00	31.10 1.76 0.00
RAVENSWOOD_GT3_3 24250	35.22 1.58 0.00	32.68 1.53 0.00	32.00 1.55 0.00	31.54 1.47 0.00	31.41 1.44 0.00	33.82 1.61 0.00	41.89 2.18 0.00	46.06 3.09 0.00	46.71 3.18 -0.52	46.13 2.77 0.00	44.30 2.59 0.00	43.64 2.59 0.00	42.52 2.44 0.00	42.28 2.43 0.00	42.00 2.53 0.00	43.25 2.75 0.00	43.51 2.77 0.00	45.84 2.92 0.00	44.45 2.67 0.00	40.64 2.52 0.00	36.82 2.15 0.00	35.55 2.11 0.00	32.78 2.06 0.00	31.13 1.79 0.00
RAVENSWOOD_GT3_4 24251	35.22 1.58 0.00	32.68 1.53 0.00	32.00 1.55 0.00	31.54 1.47 0.00	31.41 1.44 0.00	33.82 1.61 0.00	41.89 2.18 0.00	46.06 3.09 0.00	46.71 3.18 -0.52	46.13 2.77 0.00	44.30 2.59 0.00	43.64 2.59 0.00	42.52 2.44 0.00	42.28 2.43 0.00	42.00 2.53 0.00	43.25 2.75 0.00	43.51 2.77 0.00	45.84 2.92 0.00	44.45 2.67 0.00	40.64 2.52 0.00	36.82 2.15 0.00	35.55 2.11 0.00	32.78 2.06 0.00	31.13 1.79 0.00
RAVENSWOOD_GT_1 23729	35.36 1.72 0.00	32.80 1.65 0.00	32.09 1.64 0.00	31.60 1.53 0.00	31.50 1.53 0.00	33.89 1.68 0.00	41.97 2.26 0.00	46.19 3.22 0.00	46.79 3.27 -0.52	46.22 2.86 0.00	44.39 2.67 0.00	43.72 2.67 0.00	42.60 2.52 0.00	42.36 2.51 0.00	42.12 2.64 0.00	43.33 2.83 0.00	43.59 2.85 0.00	45.93 3.00 0.00	44.53 2.76 0.00	40.71 2.59 0.00	37.29 2.22 -0.40	37.14 2.24 -1.45	32.94 2.21 -0.01	31.29 1.94 -0.01
RAVENSWOOD_GT_10 24258	35.19 1.55 0.00	32.65 1.50 0.00	31.97 1.52 0.00	31.51 1.44 0.00	31.38 1.41 0.00	33.79 1.58 0.00	41.85 2.14 0.00	46.01 3.05 0.00	46.62 3.10 -0.52	46.09 2.73 0.00	44.26 2.54 0.00	43.55 2.50 0.00	42.48 2.40 0.00	42.24 2.39 0.00	41.96 2.49 0.00	43.17 2.67 0.00	43.43 2.69 0.00	45.75 2.83 0.00	44.36 2.59 0.00	40.56 2.44 0.00	36.75 2.08 0.00	35.49 2.04 0.00	32.75 2.03 0.00	31.10 1.76 0.00
RAVENSWOOD_GT_11 24259	35.19 1.55 0.00	32.65 1.50 0.00	31.97 1.52 0.00	31.51 1.44 0.00	31.38 1.41 0.00	33.79 1.58 0.00	41.85 2.14 0.00	46.01 3.05 0.00	46.62 3.10 -0.52	46.09 2.73 0.00	44.26 2.54 0.00	43.55 2.50 0.00	42.48 2.40 0.00	42.24 2.39 0.00	41.96 2.49 0.00	43.17 2.67 0.00	43.43 2.69 0.00	45.75 2.83 0.00	44.36 2.59 0.00	40.56 2.44 0.00	36.75 2.08 0.00	35.49 2.04 0.00	32.75 2.03 0.00	31.10 1.76 0.00
RAVENSWOOD_GT_4 24252	35.19 1.55 0.00	32.61 1.46 0.00	31.94 1.49 0.00	31.48 1.41 0.00	31.35 1.38 0.00	33.76 1.55 0.00	41.81 2.10 0.00	45.97 3.01 0.00	46.62 3.10 -0.52	46.05 2.69 0.00	44.22 2.50 0.00	43.55 2.50 0.00	42.44 2.36 0.00	42.20 2.35 0.00	41.92 2.45 0.00	43.17 2.67 0.00	43.43 2.69 0.00	45.75 2.83 0.00	44.36 2.59 0.00	40.56 2.44 0.00	37.06 2.08 -0.31	36.56 2.01 -1.11	32.71 2.00 0.01	31.07 1.73 0.01
RAVENSWOOD_GT_5 24254	35.19 1.55 0.00	32.61 1.46 0.00	31.94 1.49 0.00	31.48 1.41 0.00	31.35 1.38 0.00	33.76 1.55 0.00	41.81 2.10 0.00	45.97 3.01 0.00	46.62 3.10 -0.52	46.05 2.69 0.00	44.22 2.50 0.00	43.55 2.50 0.00	42.44 2.36 0.00	42.20 2.35 0.00	41.92 2.45 0.00	43.17 2.67 0.00	43.43 2.69 0.00	45.75 2.83 0.00	44.36 2.59 0.00	40.56 2.44 0.00	37.06 2.08 -0.31	36.56 2.01 -1.11	32.71 2.00 0.01	31.07 1.73 0.01
RAVENSWOOD_GT_6 24253	35.19 1.55 0.00	32.61 1.46 0.00	31.94 1.49 0.00	31.48 1.41 0.00	31.35 1.38 0.00	33.76 1.55 0.00	41.81 2.10 0.00	45.97 3.01 0.00	46.62 3.10 -0.52	46.05 2.69 0.00	44.22 2.50 0.00	43.55 2.50 0.00	42.44 2.36 0.00	42.20 2.35 0.00	41.92 2.45 0.00	43.17 2.67 0.00	43.43 2.69 0.00	45.75 2.83 0.00	44.36 2.59 0.00	40.56 2.44 0.00	37.06 2.08 -0.31	36.56 2.01 -1.11	32.71 2.00 0.01	31.07 1.73 0.01
RAVENSWOOD_GT_7 24255	35.19 1.55 0.00	32.61 1.46 0.00	31.94 1.49 0.00	31.48 1.41 0.00	31.35 1.38 0.00	33.76 1.55 0.00	41.81 2.10 0.00	45.97 3.01 0.00	46.62 3.10 -0.52	46.05 2.69 0.00	44.22 2.50 0.00	43.55 2.50 0.00	42.44 2.36 0.00	42.20 2.35 0.00	41.92 2.45 0.00	43.17 2.67 0.00	43.43 2.69 0.00	45.75 2.83 0.00	44.36 2.59 0.00	40.56 2.44 0.00	37.06 2.08 -0.31	36.56 2.01 -1.11	32.71 2.00 0.01	31.07 1.73 0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.19 1.55 0.00	32.65 1.50 0.00	31.97 1.52 0.00	31.51 1.44 0.00	31.38 1.41 0.00	33.79 1.58 0.00	41.85 2.14 0.00	46.01 3.05 0.00	46.62 3.10 -0.52	46.09 2.73 0.00	44.26 2.54 0.00	43.55 2.50 0.00	42.48 2.40 0.00	42.24 2.39 0.00	41.96 2.49 0.00	43.17 2.67 0.00	43.43 2.69 0.00	45.75 2.83 0.00	44.36 2.59 0.00	40.56 2.44 0.00	36.75 2.08 0.00	35.49 2.04 0.00	32.75 2.03 0.00	31.10 1.76 0.00
RAVENSWOOD_GT_9 24257	35.19 1.55 0.00	32.65 1.50 0.00	31.97 1.52 0.00	31.51 1.44 0.00	31.38 1.41 0.00	33.79 1.58 0.00	41.85 2.14 0.00	46.01 3.05 0.00	46.62 3.10 -0.52	46.09 2.73 0.00	44.26 2.54 0.00	43.55 2.50 0.00	42.48 2.40 0.00	42.24 2.39 0.00	41.96 2.49 0.00	43.17 2.67 0.00	43.43 2.69 0.00	45.75 2.83 0.00	44.36 2.59 0.00	40.56 2.44 0.00	36.75 2.08 0.00	35.49 2.04 0.00	32.75 2.03 0.00	31.10 1.76 0.00
RAVENSWOOD___1 23533	35.33 1.68 0.00	32.74 1.59 0.00	32.06 1.61 0.00	31.60 1.53 0.00	31.47 1.50 0.00	33.86 1.64 0.00	41.93 2.22 0.00	46.01 3.05 0.00	46.75 3.23 -0.52	46.65 3.29 0.00	44.35 2.63 0.00	43.68 2.63 0.00	42.56 2.49 0.00	42.36 2.51 0.00	42.08 2.60 0.00	43.21 2.71 0.00	43.35 2.61 0.00	46.01 3.09 0.00	44.53 2.76 0.00	40.71 2.59 0.00	36.86 2.19 0.00	35.79 2.34 0.00	32.91 2.18 -0.01	31.28 1.94 -0.01
RAVENSWOOD___2 23534	35.33 1.68 0.00	32.74 1.59 0.00	32.06 1.61 0.00	31.57 1.50 0.00	31.44 1.47 0.00	33.86 1.64 0.00	41.93 2.22 0.00	46.01 3.05 0.00	46.75 3.23 -0.52	46.65 3.29 0.00	44.35 2.63 0.00	43.68 2.63 0.00	42.56 2.49 0.00	42.32 2.47 0.00	42.08 2.60 0.00	43.17 2.67 0.00	43.31 2.57 0.00	45.97 3.05 0.00	44.53 2.76 0.00	40.71 2.59 0.00	36.86 2.19 0.00	35.79 2.34 0.00	32.91 2.18 -0.01	31.25 1.91 -0.01
RAVENSWOOD___3 23535	35.19 1.55 0.00	32.61 1.46 0.00	31.97 1.52 0.00	31.51 1.44 0.00	31.38 1.41 0.00	33.79 1.58 0.00	41.85 2.14 0.00	45.93 2.96 0.00	46.62 3.10 -0.52	46.52 3.16 0.00	44.26 2.55 0.00	43.55 2.50 0.00	42.48 2.40 0.00	42.24 2.39 0.00	41.96 2.49 0.00	43.09 2.59 0.00	43.23 2.49 0.00	45.84 2.92 0.00	44.41 2.63 0.00	40.60 2.48 0.00	36.78 2.12 0.00	35.65 2.21 0.00	32.75 2.03 0.00	31.10 1.76 0.00

RAVENSWOOD___4 23820	35.33 1.68 0.00	32.71 1.56 0.00	32.06 1.61 0.00	31.57 1.50 0.00	31.44 1.47 0.00	33.86 1.64 0.00	41.93 2.22 0.00	46.01 3.05 0.00	46.75 3.23 -0.52	46.65 3.29 0.00	44.35 2.63 0.00	43.64 2.59 0.00	42.56 2.49 0.00	42.32 2.47 0.00	42.08 2.60 0.00	43.17 2.67 0.00	43.31 2.57 0.00	45.97 3.05 0.00	44.49 2.71 0.00	40.71 2.59 0.00	36.46 2.19 0.40	34.36 2.34 1.43	32.91 2.18 -0.01	31.25 1.91 -0.01
RCPI_TRUST___DRP 24196	35.16 1.51 0.00	32.61 1.46 0.00	31.94 1.49 0.00	31.48 1.41 0.00	31.35 1.38 0.00	33.76 1.55 0.00	41.85 2.14 0.00	46.01 3.05 0.00	46.62 3.10 -0.52	46.09 2.73 0.00	44.26 2.54 0.00	43.59 2.55 0.00	42.48 2.40 0.00	42.24 2.39 0.00	41.96 2.49 0.00	43.17 2.67 0.00	43.47 2.73 0.00	45.80 2.88 0.00	44.41 2.63 0.00	40.56 2.44 0.00	36.75 2.08 0.00	35.45 2.01 0.00	32.72 2.00 0.00	31.07 1.73 0.00
RED___ROCHESTER 323720	32.30 -1.35 0.00	29.97 -1.18 0.00	29.14 -1.31 0.00	28.78 -1.29 0.00	28.80 -1.17 0.00	30.99 -1.22 0.00	37.52 -2.18 0.00	40.60 -2.36 0.00	40.75 -2.32 -0.06	40.93 -2.43 0.00	39.01 -2.71 0.00	38.63 -2.42 0.00	37.75 -2.33 0.00	37.54 -2.31 0.00	37.11 -2.37 0.00	38.23 -2.27 0.00	38.58 -2.16 0.00	40.69 -2.23 0.00	39.48 -2.30 0.00	35.99 -2.13 0.00	32.76 -1.91 0.00	31.44 -2.01 0.00	29.03 -1.69 0.00	27.96 -1.38 0.00
REGAN___SOLAR 323812	37.51 3.87 0.00	34.73 3.58 0.00	33.94 3.50 0.00	33.50 3.43 0.00	33.36 3.39 0.00	36.14 3.93 0.00	45.07 5.36 0.00	48.85 5.89 0.00	49.41 5.68 -0.73	48.65 5.29 0.00	46.76 5.05 0.00	45.52 4.48 0.00	44.76 4.69 0.00	44.75 4.90 0.00	44.33 4.85 0.00	45.64 5.14 0.00	46.24 5.50 0.00	49.06 6.14 0.00	47.20 5.43 0.00	43.00 4.88 0.00	39.21 4.54 0.00	37.73 4.28 0.00	34.34 3.62 0.00	32.63 3.29 0.00
RENSSELAER___COGEN 23796	34.45 0.81 0.00	31.96 0.81 0.00	31.30 0.85 0.00	30.88 0.81 0.00	30.75 0.78 0.00	33.05 0.84 0.00	40.90 1.19 0.00	44.43 1.46 0.00	45.15 1.50 -0.64	44.88 1.52 0.00	42.72 1.00 0.00	42.03 0.98 0.00	41.03 0.96 0.00	40.80 0.95 0.00	40.46 0.99 0.00	41.47 0.97 0.00	41.72 0.98 0.00	43.99 1.07 0.00	42.69 0.92 0.00	39.15 1.03 0.00	35.75 1.08 0.00	34.52 1.07 0.00	31.73 1.01 0.00	30.28 0.94 0.00
REPUBLIC_115KV_BARTNBRK 55605	36.13 2.49 0.00	33.39 2.24 0.00	32.64 2.19 0.00	32.15 2.07 0.00	31.98 2.01 0.00	34.57 2.35 0.00	43.20 3.49 0.00	47.09 4.12 0.00	48.01 4.34 -0.66	47.17 3.82 0.00	45.60 3.88 0.00	44.91 3.86 0.00	43.60 3.53 0.00	43.32 3.47 0.00	42.75 3.28 0.00	43.90 3.40 0.00	44.53 3.79 0.00	47.08 4.16 0.00	45.32 3.55 0.00	41.36 3.24 0.00	37.69 3.02 0.00	36.26 2.81 0.00	33.21 2.49 0.00	32.42 3.08 0.00
REVERE_CPPR_DRP 24186	34.85 1.21 0.00	32.21 1.06 0.00	31.48 1.04 0.00	31.09 1.02 0.00	31.02 1.05 0.00	33.47 1.26 0.00	41.41 1.71 0.00	45.03 2.06 0.00	44.93 1.89 -0.03	45.18 1.82 0.00	43.51 1.79 0.00	42.77 1.72 0.00	41.83 1.76 0.00	41.60 1.75 0.00	41.25 1.78 0.00	42.24 1.74 0.00	42.49 1.75 0.00	44.81 1.89 0.00	43.53 1.75 0.00	39.61 1.49 0.00	36.02 1.35 0.00	34.72 1.27 0.00	31.70 0.98 0.00	30.19 0.85 0.00
REYNOLDS_115KV_TB3 80639	34.69 1.04 0.00	32.18 1.03 0.00	31.48 1.04 0.00	31.06 0.99 0.00	30.93 0.96 0.00	33.28 1.06 0.00	41.18 1.47 0.00	44.77 1.80 0.00	45.45 1.81 -0.64	44.92 1.56 0.00	43.01 1.29 0.00	42.36 1.31 0.00	41.31 1.24 0.00	41.08 1.24 0.00	40.74 1.26 0.00	41.79 1.30 0.00	42.08 1.34 0.00	44.34 1.42 0.00	43.03 1.25 0.00	39.42 1.30 0.00	35.92 1.25 0.00	34.58 1.14 0.00	31.92 1.20 0.00	30.46 1.11 0.00
RIVERBAY____ 323610	35.86 2.22 0.00	33.27 2.12 0.00	32.55 2.10 0.00	32.03 1.95 0.00	31.98 2.01 0.00	34.28 2.06 0.00	42.33 2.62 0.00	46.53 3.57 0.00	47.05 3.53 -0.52	46.48 3.12 0.00	44.59 2.88 0.00	43.92 2.87 0.00	42.80 2.72 0.00	42.56 2.71 0.00	42.28 2.80 0.00	43.49 3.00 0.00	43.80 3.06 0.00	46.18 3.26 0.00	44.74 2.97 0.00	40.94 2.82 0.00	37.06 2.39 0.00	36.02 2.58 0.00	33.22 2.49 -0.01	31.67 2.32 -0.01
RIVERSDE_115KV_TB3 55908	34.59 0.94 0.00	32.12 0.97 0.00	31.42 0.97 0.00	31.00 0.93 0.00	30.87 0.90 0.00	33.21 1.00 0.00	41.10 1.39 0.00	44.68 1.72 0.00	45.37 1.72 -0.64	44.88 1.52 0.00	42.93 1.21 0.00	42.28 1.23 0.00	41.27 1.20 0.00	41.04 1.20 0.00	40.66 1.18 0.00	41.71 1.21 0.00	42.00 1.26 0.00	44.21 1.29 0.00	42.94 1.17 0.00	39.34 1.22 0.00	35.88 1.21 0.00	34.55 1.10 0.00	31.86 1.14 0.00	30.40 1.06 0.00
ROARING___BROOK_WT_PWR 323790	33.74 0.10 0.00	31.24 0.09 0.00	30.51 0.06 0.00	30.13 0.06 0.00	30.03 0.06 0.00	32.21 0.00 0.00	39.71 0.00 0.00	42.88 -0.09 0.00	42.88 -0.13 0.00	43.23 -0.13 0.00	41.76 0.04 0.00	41.09 0.04 0.00	40.07 0.00 0.00	39.89 0.04 0.00	39.47 0.00 0.00	40.46 -0.04 0.00	40.70 -0.04 0.00	42.79 -0.13 0.00	41.69 -0.08 0.00	38.01 -0.11 0.00	34.60 -0.07 0.00	33.25 -0.20 0.00	30.54 -0.18 0.00	29.17 -0.17 0.00
ROCHESRG_115KV_T4 355643	31.96 -1.68 0.00	29.56 -1.59 0.00	28.86 -1.58 0.00	28.51 -1.56 0.00	28.53 -1.44 0.00	30.67 -1.55 0.00	37.13 -2.58 0.00	40.09 -2.88 0.00	40.23 -2.84 -0.06	40.02 -3.34 0.00	38.55 -3.17 0.00	38.01 -3.04 0.00	37.27 -2.81 0.00	37.02 -2.83 0.00	36.63 -2.84 0.00	37.50 -3.00 0.00	37.56 -3.18 0.00	40.00 -2.92 0.00	38.98 -2.80 0.00	35.61 -2.52 0.00	32.42 -2.25 0.00	31.61 -1.84 0.00	28.75 -1.97 0.00	27.73 -1.61 0.00
ROCHESTER_9_IC 23652	32.16 -1.48 0.00	29.75 -1.40 0.00	29.01 -1.43 0.00	28.66 -1.41 0.00	28.68 -1.29 0.00	30.86 -1.35 0.00	37.36 -2.34 0.00	40.34 -2.62 0.00	40.53 -2.54 -0.06	40.28 -3.08 0.00	38.84 -2.88 0.00	38.30 -2.75 0.00	37.55 -2.52 0.00	37.34 -2.51 0.00	36.91 -2.57 0.00	37.78 -2.71 0.00	37.81 -2.93 0.00	40.26 -2.66 0.00	39.27 -2.51 0.00	35.83 -2.29 0.00	32.59 -2.08 0.00	31.77 -1.67 0.00	28.91 -1.81 0.00	27.87 -1.47 0.00
ROCKVIEW_13_KV_LD 356306	35.19 1.55 0.00	32.65 1.50 0.00	31.94 1.49 0.00	31.51 1.44 0.00	31.35 1.38 0.00	33.79 1.58 0.00	41.89 2.18 0.00	45.97 3.01 0.00	46.58 3.05 -0.52	46.05 2.69 0.00	44.22 2.50 0.00	43.55 2.50 0.00	42.44 2.36 0.00	42.20 2.35 0.00	41.88 2.41 0.00	43.13 2.63 0.00	43.43 2.69 0.00	45.80 2.88 0.00	44.45 2.67 0.00	40.56 2.44 0.00	36.78 2.11 0.00	35.45 2.01 0.00	32.65 1.94 0.00	31.07 1.73 0.00
ROME_____115KV_TB2 80656	34.85 1.21 0.00	32.21 1.06 0.00	31.48 1.04 0.00	31.09 1.02 0.00	31.02 1.05 0.00	33.47 1.26 0.00	41.41 1.71 0.00	45.03 2.06 0.00	44.93 1.89 -0.03	45.18 1.82 0.00	43.51 1.79 0.00	42.77 1.72 0.00	41.83 1.76 0.00	41.60 1.75 0.00	41.25 1.78 0.00	42.24 1.74 0.00	42.49 1.75 0.00	44.81 1.89 0.00	43.53 1.75 0.00	39.61 1.49 0.00	36.02 1.35 0.00	34.72 1.27 0.00	31.70 0.98 0.00	30.19 0.85 0.00

ROSETON___1 23587	34.89 1.25 0.00	32.30 1.15 0.00	31.63 1.19 0.00	31.24 1.17 0.00	31.08 1.11 0.00	33.47 1.26 0.00	41.45 1.75 0.00	45.28 2.32 0.00	45.94 2.41 -0.52	45.79 2.43 0.00	43.64 1.92 0.00	42.90 1.85 0.00	41.83 1.76 0.00	41.60 1.75 0.00	41.29 1.82 0.00	42.40 1.90 0.00	42.61 1.88 0.00	45.15 2.23 0.00	43.78 2.01 0.00	39.99 1.87 0.00	36.30 1.63 0.00	35.12 1.67 0.00	32.25 1.54 0.00	30.72 1.38 0.00
ROSETON___2 23588	34.89 1.25 0.00	32.30 1.15 0.00	31.63 1.19 0.00	31.24 1.17 0.00	31.08 1.11 0.00	33.47 1.26 0.00	41.45 1.75 0.00	45.28 2.32 0.00	45.94 2.41 -0.52	45.79 2.43 0.00	43.64 1.92 0.00	42.90 1.85 0.00	41.83 1.76 0.00	41.60 1.75 0.00	41.29 1.82 0.00	42.40 1.90 0.00	42.61 1.88 0.00	45.15 2.23 0.00	43.78 2.01 0.00	39.99 1.87 0.00	36.30 1.63 0.00	35.12 1.67 0.00	32.25 1.54 0.00	30.72 1.38 0.00
ROTTTRDAM_115KV_TB3 80664	34.62 0.98 0.00	32.05 0.90 0.00	31.36 0.91 0.00	30.94 0.87 0.00	30.84 0.87 0.00	33.18 0.97 0.00	41.06 1.35 0.00	44.64 1.68 0.00	45.35 1.68 -0.67	44.79 1.43 0.00	43.05 1.33 0.00	42.36 1.31 0.00	41.35 1.28 0.00	41.12 1.28 0.00	40.74 1.26 0.00	41.83 1.34 0.00	42.17 1.43 0.00	44.47 1.55 0.00	43.15 1.38 0.00	39.42 1.30 0.00	35.85 1.18 0.00	34.55 1.10 0.00	31.79 1.08 0.00	30.43 1.09 0.00
RUSSELL___1 23602	32.30 -1.35 0.00	29.87 -1.28 0.00	29.14 -1.31 0.00	28.78 -1.29 0.00	28.80 -1.17 0.00	30.99 -1.22 0.00	37.52 -2.18 0.00	40.56 -2.41 0.00	40.75 -2.32 -0.06	40.50 -2.86 0.00	39.09 -2.63 0.00	38.50 -2.55 0.00	37.79 -2.28 0.00	37.54 -2.31 0.00	37.10 -2.37 0.00	38.03 -2.47 0.00	38.01 -2.73 0.00	40.52 -2.40 0.00	39.48 -2.30 0.00	36.02 -2.10 0.00	32.76 -1.91 0.00	31.94 -1.51 0.00	29.03 -1.69 0.00	27.96 -1.38 0.00
RUSSELL___2 23532	32.30 -1.35 0.00	29.87 -1.28 0.00	29.14 -1.31 0.00	28.78 -1.29 0.00	28.80 -1.17 0.00	30.99 -1.22 0.00	37.52 -2.18 0.00	40.56 -2.41 0.00	40.75 -2.32 -0.06	40.50 -2.86 0.00	39.09 -2.63 0.00	38.50 -2.55 0.00	37.79 -2.28 0.00	37.54 -2.31 0.00	37.10 -2.37 0.00	38.03 -2.47 0.00	38.01 -2.73 0.00	40.52 -2.40 0.00	39.48 -2.30 0.00	36.02 -2.10 0.00	32.76 -1.91 0.00	31.94 -1.51 0.00	29.03 -1.69 0.00	27.96 -1.38 0.00
RUSSELL___3 23549	32.30 -1.35 0.00	29.87 -1.28 0.00	29.14 -1.31 0.00	28.78 -1.29 0.00	28.80 -1.17 0.00	30.99 -1.22 0.00	37.52 -2.18 0.00	40.56 -2.41 0.00	40.75 -2.32 -0.06	40.50 -2.86 0.00	39.09 -2.63 0.00	38.50 -2.55 0.00	37.79 -2.28 0.00	37.54 -2.31 0.00	37.10 -2.37 0.00	38.03 -2.47 0.00	38.01 -2.73 0.00	40.52 -2.40 0.00	39.48 -2.30 0.00	36.02 -2.10 0.00	32.76 -1.91 0.00	31.94 -1.51 0.00	29.03 -1.69 0.00	27.96 -1.38 0.00
RUSSELL___4 23556	32.30 -1.35 0.00	29.87 -1.28 0.00	29.14 -1.31 0.00	28.78 -1.29 0.00	28.80 -1.17 0.00	30.99 -1.22 0.00	37.52 -2.18 0.00	40.56 -2.41 0.00	40.75 -2.32 -0.06	40.50 -2.86 0.00	39.09 -2.63 0.00	38.50 -2.55 0.00	37.79 -2.28 0.00	37.54 -2.31 0.00	37.10 -2.37 0.00	38.03 -2.47 0.00	38.01 -2.73 0.00	40.52 -2.40 0.00	39.48 -2.30 0.00	36.02 -2.10 0.00	32.76 -1.91 0.00	31.94 -1.51 0.00	29.03 -1.69 0.00	27.96 -1.38 0.00
RUSSELL___STATION 23914	32.30 -1.35 0.00	29.87 -1.28 0.00	29.14 -1.31 0.00	28.78 -1.29 0.00	28.80 -1.17 0.00	30.99 -1.22 0.00	37.52 -2.18 0.00	40.56 -2.41 0.00	40.75 -2.32 -0.06	40.50 -2.86 0.00	39.09 -2.63 0.00	38.50 -2.55 0.00	37.79 -2.28 0.00	37.54 -2.31 0.00	37.10 -2.37 0.00	38.03 -2.47 0.00	38.01 -2.73 0.00	40.52 -2.40 0.00	39.48 -2.30 0.00	36.02 -2.10 0.00	32.76 -1.91 0.00	31.94 -1.51 0.00	29.03 -1.69 0.00	27.96 -1.38 0.00
S SALMON___HYD 24043	33.04 -0.60 0.00	30.59 -0.56 0.00	29.87 -0.58 0.00	29.50 -0.57 0.00	29.46 -0.51 0.00	31.63 -0.58 0.00	38.99 -0.71 0.00	42.32 -0.64 0.00	42.31 -0.73 -0.04	42.62 -0.74 0.00	40.84 -0.88 0.00	40.23 -0.82 0.00	39.43 -0.64 0.00	39.21 -0.64 0.00	38.88 -0.59 0.00	39.89 -0.61 0.00	40.21 -0.53 0.00	42.49 -0.43 0.00	41.27 -0.50 0.00	37.62 -0.50 0.00	34.22 -0.45 0.00	32.91 -0.54 0.00	30.13 -0.58 0.00	28.78 -0.56 0.00
S.PERRY___115KV_TB1 80734	33.58 -0.07 0.00	30.96 -0.19 0.00	30.17 -0.27 0.00	29.80 -0.27 0.00	29.82 -0.15 0.00	32.15 -0.06 0.00	38.99 -0.71 0.00	42.23 -0.73 0.00	42.15 -0.95 -0.09	41.88 -1.47 0.00	40.38 -1.33 0.00	39.78 -1.27 0.00	38.95 -1.12 0.00	38.73 -1.12 0.00	38.33 -1.14 0.00	39.12 -1.38 0.00	39.19 -1.55 0.00	41.89 -1.03 0.00	40.81 -0.96 0.00	37.21 -0.91 0.00	33.77 -0.90 0.00	32.85 -0.60 0.00	29.83 -0.89 0.00	28.69 -0.65 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	31.29 -2.36 0.00	28.97 -2.18 0.00	28.31 -2.13 0.00	27.88 -2.20 0.00	27.96 -2.01 0.00	30.02 -2.19 0.00	35.74 -3.97 0.00	38.28 -4.68 0.00	37.96 -5.12 -0.07	37.68 -5.68 0.00	36.38 -5.34 0.00	35.96 -5.09 0.00	35.30 -4.77 0.00	35.07 -4.78 0.00	34.70 -4.78 0.00	35.47 -5.02 0.00	35.40 -5.34 0.00	38.11 -4.81 0.00	37.18 -4.60 0.00	34.08 -4.04 0.00	31.13 -3.54 0.00	30.64 -2.81 0.00	27.77 -2.95 0.00	27.05 -2.29 0.00
SAWYER___23_KV_LOAD 55526	31.29 -2.36 0.00	28.97 -2.18 0.00	28.31 -2.13 0.00	27.88 -2.20 0.00	27.96 -2.01 0.00	30.02 -2.19 0.00	35.74 -3.97 0.00	38.28 -4.68 0.00	37.96 -5.12 -0.07	37.68 -5.68 0.00	36.38 -5.34 0.00	35.96 -5.09 0.00	35.30 -4.77 0.00	35.07 -4.78 0.00	34.70 -4.78 0.00	35.47 -5.02 0.00	35.40 -5.34 0.00	38.11 -4.81 0.00	37.18 -4.60 0.00	34.08 -4.04 0.00	31.13 -3.54 0.00	30.64 -2.81 0.00	27.77 -2.95 0.00	27.05 -2.29 0.00
SELKIRK___I 23801	34.72 1.08 0.00	32.21 1.06 0.00	31.51 1.07 0.00	31.09 1.02 0.00	30.96 0.99 0.00	33.28 1.06 0.00	41.13 1.43 0.00	44.64 1.67 0.00	45.36 1.72 -0.63	45.05 1.69 0.00	43.01 1.29 0.00	42.32 1.27 0.00	41.32 1.24 0.00	41.04 1.19 0.00	40.70 1.23 0.00	41.71 1.21 0.00	42.00 1.26 0.00	44.34 1.41 0.00	43.03 1.25 0.00	39.38 1.26 0.00	35.92 1.25 0.00	34.69 1.24 0.00	31.89 1.17 0.00	30.45 1.11 0.00
SELKIRK___II 23799	34.49 0.84 0.00	31.96 0.81 0.00	31.30 0.85 0.00	30.88 0.81 0.00	30.78 0.81 0.00	33.08 0.87 0.00	40.90 1.19 0.00	44.43 1.46 0.00	45.15 1.50 -0.64	44.88 1.52 0.00	42.80 1.08 0.00	42.08 1.03 0.00	41.07 1.00 0.00	40.85 1.00 0.00	40.50 1.02 0.00	41.55 1.05 0.00	41.80 1.06 0.00	44.12 1.20 0.00	42.82 1.04 0.00	39.19 1.07 0.00	35.71 1.04 0.00	34.49 1.04 0.00	31.70 0.98 0.00	30.25 0.91 0.00
SENECA OSWGO___HYD 24041	32.60 -1.04 0.00	30.18 -0.97 0.00	29.47 -0.98 0.00	29.11 -0.96 0.00	29.07 -0.90 0.00	31.25 -0.97 0.00	38.48 -1.23 0.00	41.76 -1.20 0.00	41.84 -1.20 -0.04	42.15 -1.21 0.00	40.38 -1.34 0.00	39.78 -1.27 0.00	38.87 -1.20 0.00	38.65 -1.19 0.00	38.29 -1.18 0.00	39.32 -1.18 0.00	39.56 -1.18 0.00	41.80 -1.12 0.00	40.60 -1.17 0.00	37.09 -1.03 0.00	33.70 -0.97 0.00	32.44 -1.00 0.00	29.80 -0.92 0.00	28.49 -0.85 0.00

SENECA___115KV_TB3 355854	31.89 -1.75 0.00	29.50 -1.65 0.00	28.80 -1.64 0.00	28.39 -1.68 0.00	28.41 -1.56 0.00	30.54 -1.68 0.00	36.41 -3.30 0.00	39.05 -3.91 0.00	38.48 -4.60 -0.07	38.37 -4.99 0.00	37.04 -4.67 0.00	36.66 -4.39 0.00	35.98 -4.09 0.00	35.74 -4.10 0.00	35.33 -4.14 0.00	36.12 -4.37 0.00	36.10 -4.64 0.00	38.80 -4.12 0.00	37.85 -3.93 0.00	34.69 -3.43 0.00	31.62 -3.05 0.00	31.11 -2.34 0.00	28.20 -2.52 0.00	27.43 -1.91 0.00
SENECA___ENERGY 23797	33.41 -0.23 0.00	30.90 -0.25 0.00	30.14 -0.30 0.00	29.74 -0.33 0.00	29.76 -0.21 0.00	32.09 -0.13 0.00	39.27 -0.44 0.00	42.71 -0.26 0.00	42.61 -0.47 -0.07	42.97 -0.39 0.00	41.22 -0.50 0.00	40.64 -0.41 0.00	39.67 -0.40 0.00	39.45 -0.40 0.00	39.04 -0.43 0.00	40.09 -0.40 0.00	40.37 -0.37 0.00	42.75 -0.17 0.00	40.81 -0.96 0.00	37.25 -0.88 0.00	33.80 -0.87 0.00	32.51 -0.94 0.00	29.86 -0.86 0.00	28.58 -0.76 0.00
SHOEMAKER___GT 23640	34.75 1.11 0.00	32.15 1.00 0.00	31.48 1.04 0.00	31.06 0.99 0.00	30.93 0.96 0.00	33.31 1.10 0.00	41.18 1.47 0.00	44.94 1.98 0.00	45.51 2.02 -0.48	45.44 2.08 0.00	43.30 1.58 0.00	42.61 1.56 0.00	41.56 1.48 0.00	41.28 1.43 0.00	40.97 1.50 0.00	42.12 1.62 0.00	42.33 1.59 0.00	44.85 1.93 0.00	43.57 1.80 0.00	39.72 1.60 0.00	36.06 1.39 0.00	34.88 1.44 0.00	32.01 1.29 0.00	30.52 1.17 0.00
SHOEMAKR_138KV_BK 111 55601	34.72 1.08 0.00	32.15 1.00 0.00	31.45 1.00 0.00	31.06 0.99 0.00	30.93 0.96 0.00	33.31 1.10 0.00	41.14 1.43 0.00	44.98 2.02 0.00	45.50 2.02 -0.47	45.05 1.69 0.00	43.30 1.59 0.00	42.61 1.56 0.00	41.51 1.44 0.00	41.28 1.43 0.00	40.97 1.50 0.00	42.16 1.66 0.00	42.45 1.71 0.00	44.77 1.85 0.00	43.53 1.75 0.00	39.72 1.60 0.00	36.02 1.35 0.00	34.75 1.30 0.00	32.01 1.29 0.00	30.51 1.17 0.00
SHOREHAM_IC_1 23715	47.18 2.93 -10.61	41.51 2.68 -7.68	37.18 2.68 -4.06	39.31 2.61 -6.62	40.93 2.58 -8.38	44.62 2.87 -9.54	55.74 3.85 -12.19	58.90 4.85 -11.08	57.91 4.86 -10.05	54.60 4.34 -6.90	46.14 4.30 -0.13	46.23 3.98 -1.20	45.13 4.13 -0.93	44.89 4.11 -0.93	45.62 4.23 -1.92	45.60 4.34 -0.77	48.29 4.40 -3.15	57.67 4.98 -9.77	53.44 4.68 -6.99	48.03 4.31 -5.60	44.34 3.61 -6.06	42.06 3.48 -5.13	40.59 3.19 -6.68	33.95 2.85 -1.76
SHOREHAM_IC_2 23716	47.18 2.93 -10.61	41.51 2.68 -7.68	37.18 2.68 -4.06	39.31 2.61 -6.62	40.93 2.58 -8.38	44.62 2.87 -9.54	55.74 3.85 -12.19	58.90 4.86 -11.08	57.91 4.86 -10.05	54.60 4.34 -6.90	46.14 4.30 -0.13	46.23 3.98 -1.20	45.13 4.13 -0.93	44.89 4.11 -0.93	45.62 4.23 -1.92	45.60 4.34 -0.77	48.29 4.40 -3.15	57.67 4.98 -9.77	53.44 4.68 -6.99	48.03 4.31 -5.60	44.34 3.61 -6.06	42.06 3.48 -5.13	40.59 3.19 -6.68	33.95 2.85 -1.76
SISSONVILLE____ 23735	33.51 -0.13 0.00	30.99 -0.16 0.00	30.23 -0.21 0.00	29.92 -0.15 0.00	29.79 -0.18 0.00	31.92 -0.29 0.00	39.27 -0.44 0.00	42.41 -0.56 0.00	42.32 -0.69 0.00	43.10 -0.26 0.00	41.55 -0.17 0.00	40.80 -0.25 0.00	39.75 -0.32 0.00	39.61 -0.24 0.00	39.12 -0.36 0.00	40.05 -0.45 0.00	40.25 -0.49 0.00	42.15 -0.77 0.00	41.15 -0.63 0.00	37.32 -0.80 0.00	34.11 -0.55 0.00	32.81 -0.64 0.00	29.98 -0.74 0.00	28.64 -0.70 0.00
SITHE_IND_GS1 24169	32.26 -1.38 0.00	29.87 -1.28 0.00	29.17 -1.28 0.00	28.84 -1.23 0.00	28.77 -1.20 0.00	30.89 -1.32 0.00	38.00 -1.71 0.00	41.20 -1.76 0.00	41.27 -1.77 -0.03	41.58 -1.78 0.00	39.88 -1.83 0.00	39.29 -1.76 0.00	38.35 -1.72 0.00	38.14 -1.71 0.00	37.78 -1.70 0.00	38.80 -1.70 0.00	39.03 -1.71 0.00	41.20 -1.72 0.00	40.02 -1.75 0.00	36.56 -1.56 0.00	33.25 -1.42 0.00	32.04 -1.40 0.00	29.43 -1.29 0.00	28.17 -1.17 0.00
SITHE_IND_GS2 24170	32.26 -1.38 0.00	29.87 -1.28 0.00	29.17 -1.28 0.00	28.84 -1.23 0.00	28.77 -1.20 0.00	30.89 -1.32 0.00	38.00 -1.71 0.00	41.20 -1.76 0.00	41.27 -1.77 -0.03	41.58 -1.78 0.00	39.88 -1.83 0.00	39.29 -1.76 0.00	38.35 -1.72 0.00	38.14 -1.71 0.00	37.78 -1.70 0.00	38.80 -1.70 0.00	39.03 -1.71 0.00	41.20 -1.72 0.00	40.02 -1.75 0.00	36.56 -1.56 0.00	33.25 -1.42 0.00	32.04 -1.40 0.00	29.43 -1.29 0.00	28.17 -1.17 0.00
SITHE_IND_GS3 24171	32.26 -1.38 0.00	29.87 -1.28 0.00	29.17 -1.28 0.00	28.84 -1.23 0.00	28.77 -1.20 0.00	30.89 -1.32 0.00	38.00 -1.71 0.00	41.20 -1.76 0.00	41.27 -1.77 -0.03	41.58 -1.78 0.00	39.88 -1.83 0.00	39.29 -1.76 0.00	38.35 -1.72 0.00	38.14 -1.71 0.00	37.78 -1.70 0.00	38.80 -1.70 0.00	39.03 -1.71 0.00	41.20 -1.72 0.00	40.02 -1.75 0.00	36.56 -1.56 0.00	33.25 -1.42 0.00	32.04 -1.40 0.00	29.43 -1.29 0.00	28.17 -1.17 0.00
SITHE_IND_GS4 24172	32.26 -1.38 0.00	29.87 -1.28 0.00	29.17 -1.28 0.00	28.84 -1.23 0.00	28.77 -1.20 0.00	30.89 -1.32 0.00	38.00 -1.71 0.00	41.20 -1.76 0.00	41.27 -1.77 -0.03	41.58 -1.78 0.00	39.88 -1.83 0.00	39.29 -1.76 0.00	38.35 -1.72 0.00	38.14 -1.71 0.00	37.78 -1.70 0.00	38.80 -1.70 0.00	39.03 -1.71 0.00	41.20 -1.72 0.00	40.02 -1.75 0.00	36.56 -1.56 0.00	33.25 -1.42 0.00	32.04 -1.40 0.00	29.43 -1.29 0.00	28.17 -1.17 0.00
SITHE___BATAVIA 24024	32.10 -1.55 0.00	29.81 -1.34 0.00	28.92 -1.52 0.00	28.57 -1.50 0.00	28.62 -1.35 0.00	30.80 -1.42 0.00	36.89 -2.82 0.00	39.74 -3.22 0.00	39.67 -3.40 -0.06	39.93 -3.43 0.00	37.88 -3.84 0.00	37.60 -3.45 0.00	36.83 -3.24 0.00	36.58 -3.27 0.00	36.12 -3.36 0.00	37.34 -3.16 0.00	37.73 -3.01 0.00	39.83 -3.09 0.00	38.60 -3.18 0.00	35.22 -2.90 0.00	32.10 -2.57 0.00	30.77 -2.68 0.00	28.51 -2.21 0.00	27.64 -1.70 0.00
SITHE___INDEPEND 23800	32.26 -1.38 0.00	29.84 -1.31 0.00	29.17 -1.28 0.00	28.84 -1.23 0.00	28.77 -1.20 0.00	30.93 -1.29 0.00	38.00 -1.71 0.00	41.20 -1.76 0.00	41.28 -1.76 -0.03	41.41 -1.95 0.00	39.88 -1.84 0.00	39.24 -1.81 0.00	38.35 -1.72 0.00	38.14 -1.71 0.00	37.78 -1.70 0.00	38.75 -1.74 0.00	38.95 -1.79 0.00	41.12 -1.80 0.00	40.02 -1.75 0.00	36.56 -1.56 0.00	33.25 -1.42 0.00	32.11 -1.34 0.00	29.43 -1.29 0.00	28.17 -1.17 0.00
SITHE___MASSENA 23902	34.11 0.47 0.00	31.55 0.40 0.00	30.81 0.37 0.00	30.46 0.39 0.00	30.33 0.36 0.00	32.54 0.32 0.00	39.95 0.24 0.00	43.05 0.09 0.00	42.96 -0.04 0.00	43.32 -0.04 0.00	42.13 0.42 0.00	41.42 0.37 0.00	40.39 0.32 0.00	40.25 0.40 0.00	39.75 0.28 0.00	40.70 0.20 0.00	40.90 0.16 0.00	42.79 -0.13 0.00	41.86 0.08 0.00	38.08 -0.04 0.00	34.81 0.14 0.00	33.51 0.07 0.00	30.72 0.00 0.00	29.34 0.00 0.00
SITHE___OGDNSBRG 24021	34.38 0.74 0.00	31.77 0.62 0.00	31.02 0.58 0.00	30.67 0.60 0.00	30.54 0.57 0.00	32.76 0.55 0.00	40.34 0.64 0.00	43.52 0.56 0.00	43.44 0.43 0.00	44.27 0.91 0.00	42.72 1.00 0.00	41.95 0.90 0.00	40.87 0.80 0.00	40.77 0.92 0.00	40.22 0.75 0.00	41.18 0.69 0.00	41.35 0.61 0.00	43.26 0.34 0.00	42.23 0.46 0.00	38.35 0.23 0.00	35.05 0.38 0.00	33.71 0.27 0.00	30.81 0.09 0.00	29.40 0.06 0.00

SITHE___STERLING 23777	34.52 0.87 0.00	31.93 0.78 0.00	31.17 0.73 0.00	30.82 0.75 0.00	30.72 0.75 0.00	33.15 0.93 0.00	40.98 1.27 0.00	44.51 1.54 0.00	44.45 1.42 -0.03	44.83 1.48 0.00	43.01 1.29 0.00	42.32 1.27 0.00	41.35 1.28 0.00	41.12 1.27 0.00	40.77 1.30 0.00	41.79 1.30 0.00	42.04 1.30 0.00	44.34 1.41 0.00	43.03 1.25 0.00	39.19 1.07 0.00	35.64 0.97 0.00	34.32 0.87 0.00	31.43 0.71 0.00	29.96 0.62 0.00
SLEIGHT__34_KV_TB1 80719	32.33 -1.31 0.00	29.90 -1.25 0.00	29.17 -1.28 0.00	28.84 -1.23 0.00	28.83 -1.14 0.00	31.05 -1.16 0.00	37.92 -1.79 0.00	41.12 -1.85 0.00	41.26 -1.81 -0.06	41.19 -2.17 0.00	39.71 -2.00 0.00	39.12 -1.93 0.00	38.31 -1.76 0.00	38.06 -1.79 0.00	37.66 -1.82 0.00	38.59 -1.90 0.00	38.66 -2.08 0.00	41.03 -1.89 0.00	39.98 -1.80 0.00	36.48 -1.64 0.00	33.14 -1.53 0.00	32.14 -1.30 0.00	29.28 -1.44 0.00	28.11 -1.23 0.00
SOUTH CAIRO___GT 23612	35.66 2.02 0.00	33.02 1.87 0.00	32.36 1.92 0.00	31.91 1.83 0.00	31.77 1.80 0.00	34.21 2.00 0.00	42.41 2.70 0.00	45.93 2.96 0.00	46.33 2.71 -0.61	46.14 2.78 0.00	43.88 2.17 0.00	43.10 2.05 0.00	42.00 1.92 0.00	41.76 1.91 0.00	41.41 1.93 0.00	42.60 2.10 0.00	43.06 2.32 0.00	45.50 2.58 0.00	44.36 2.59 0.00	40.45 2.33 0.00	36.92 2.25 0.00	35.62 2.17 0.00	32.59 1.87 0.00	31.13 1.79 0.00
SOUTH HAMPTN___IC 23720	47.62 3.36 -10.61	41.88 3.05 -7.68	37.55 3.04 -4.06	39.67 2.98 -6.62	41.32 2.97 -8.38	45.04 3.29 -9.54	56.30 4.41 -12.19	59.50 5.46 -11.08	58.52 5.46 -10.05	55.29 5.03 -6.90	46.72 4.88 -0.13	46.89 4.64 -1.20	45.72 4.73 -0.93	45.44 4.66 -0.93	46.21 4.81 -1.92	46.17 4.90 -0.77	48.90 5.01 -3.15	58.31 5.62 -9.77	54.02 5.26 -6.99	48.56 4.84 -5.60	44.78 4.05 -6.06	42.46 3.88 -5.13	40.93 3.53 -6.68	34.27 3.17 -1.76
SOUTHDOW_115KV_TB1 355954	33.74 0.10 0.00	30.99 -0.16 0.00	30.11 -0.33 0.00	29.65 -0.42 0.00	29.49 -0.48 0.00	31.73 -0.48 0.00	38.12 -1.59 0.00	40.77 -2.19 0.00	39.78 -3.31 -0.08	39.93 -3.43 0.00	38.50 -3.21 0.00	38.13 -2.91 0.00	37.39 -2.68 0.00	37.06 -2.79 0.00	36.59 -2.88 0.00	37.38 -3.12 0.00	37.20 -3.54 0.00	40.13 -2.79 0.00	38.98 -2.80 0.00	35.72 -2.40 0.00	32.49 -2.18 0.00	31.88 -1.57 0.00	29.00 -1.72 0.00	28.40 -0.94 0.00
SOUTHOLD_69_KV_BK 2 55809	48.18 3.94 -10.60	42.40 3.58 -7.67	38.00 3.50 -4.05	40.11 3.43 -6.61	41.76 3.42 -8.37	45.58 3.83 -9.53	56.97 5.08 -12.18	60.31 6.27 -11.07	59.28 6.24 -10.04	55.58 5.33 -6.89	47.47 5.63 -0.12	47.71 5.46 -1.20	46.44 5.45 -0.92	46.11 5.34 -0.93	46.91 5.53 -1.91	47.01 5.75 -0.76	49.79 5.91 -3.14	59.07 6.40 -9.76	54.85 6.10 -6.98	49.32 5.60 -5.59	45.47 4.75 -6.05	42.89 4.31 -5.12	41.35 3.96 -6.67	34.64 3.55 -1.75
SOUTHOLD___IC 23719	48.19 3.93 -10.61	42.38 3.55 -7.68	38.00 3.50 -4.06	40.12 3.43 -6.62	41.77 3.42 -8.38	45.58 3.83 -9.54	56.98 5.08 -12.19	60.23 6.19 -11.08	59.29 6.23 -10.05	56.07 5.81 -6.90	47.47 5.63 -0.13	47.67 5.42 -1.20	46.45 5.45 -0.93	46.12 5.34 -0.93	46.88 5.48 -1.92	46.90 5.63 -0.77	49.67 5.78 -3.15	59.17 6.48 -9.77	54.86 6.10 -6.99	49.33 5.61 -5.60	45.38 4.65 -6.06	42.99 4.41 -5.13	41.36 3.96 -6.68	34.65 3.55 -1.76
SOUTH_FORK_WT_PWR 323839	48.26 4.00 -10.61	42.44 3.61 -7.68	38.07 3.56 -4.06	40.18 3.49 -6.62	41.83 3.48 -8.38	45.61 3.86 -9.54	57.02 5.12 -12.19	60.32 6.27 -11.08	59.33 6.28 -10.05	56.16 5.90 -6.90	47.56 5.72 -0.13	47.75 5.50 -1.20	46.53 5.53 -0.93	46.20 5.42 -0.93	46.96 5.57 -1.92	46.98 5.71 -0.77	49.71 5.83 -3.15	59.21 6.52 -9.77	54.90 6.14 -6.99	49.36 5.64 -5.60	45.44 4.71 -6.06	43.06 4.48 -5.13	41.42 4.02 -6.68	34.71 3.61 -1.76
SPIERFLS_115KV_TB 1 80737	34.59 0.94 0.00	32.02 0.87 0.00	31.30 0.85 0.00	30.88 0.81 0.00	30.72 0.75 0.00	33.15 0.93 0.00	41.22 1.51 0.00	44.85 1.89 0.00	45.69 2.02 -0.66	45.01 1.65 0.00	43.38 1.67 0.00	42.69 1.64 0.00	41.55 1.48 0.00	41.32 1.47 0.00	40.85 1.38 0.00	41.91 1.42 0.00	42.41 1.67 0.00	44.77 1.85 0.00	43.28 1.50 0.00	39.53 1.41 0.00	35.99 1.32 0.00	34.82 1.37 0.00	31.98 1.26 0.00	31.42 2.08 0.00
ST LAWRENCE____ 23600	33.71 0.07 0.00	31.21 0.06 0.00	30.48 0.03 0.00	30.13 0.06 0.00	30.00 0.03 0.00	32.18 -0.03 0.00	39.59 -0.12 0.00	42.62 -0.35 0.00	42.62 -0.39 0.00	42.93 -0.43 0.00	41.76 0.04 0.00	41.05 0.00 0.00	40.07 0.00 0.00	39.85 0.00 0.00	39.39 -0.08 0.00	40.38 -0.12 0.00	40.58 -0.16 0.00	42.49 -0.43 0.00	41.57 -0.21 0.00	37.81 -0.31 0.00	34.46 -0.21 0.00	33.21 -0.23 0.00	30.44 -0.28 0.00	29.08 -0.26 0.00
STATE_CA_115KV_115_LB 55624	34.62 0.98 0.00	32.15 1.00 0.00	31.45 1.00 0.00	31.03 0.96 0.00	30.90 0.93 0.00	33.21 1.00 0.00	41.14 1.43 0.00	44.73 1.76 0.00	45.42 1.76 -0.65	44.92 1.56 0.00	42.97 1.25 0.00	42.36 1.31 0.00	41.31 1.24 0.00	41.08 1.24 0.00	40.74 1.26 0.00	41.75 1.26 0.00	42.04 1.30 0.00	44.25 1.33 0.00	42.94 1.17 0.00	39.38 1.26 0.00	35.92 1.25 0.00	34.58 1.14 0.00	31.86 1.14 0.00	30.40 1.06 0.00
STATE_ST_34_KV_LOAD 55959	33.34 -0.30 0.00	30.84 -0.31 0.00	30.11 -0.33 0.00	29.71 -0.36 0.00	29.70 -0.27 0.00	32.02 -0.19 0.00	39.39 -0.32 0.00	42.79 -0.17 0.00	42.86 -0.22 -0.07	42.97 -0.39 0.00	41.38 -0.33 0.00	40.76 -0.29 0.00	39.83 -0.24 0.00	39.61 -0.24 0.00	39.20 -0.28 0.00	40.13 -0.36 0.00	40.33 -0.41 0.00	42.71 -0.21 0.00	41.44 -0.33 0.00	37.82 -0.30 0.00	34.36 -0.31 0.00	33.15 -0.30 0.00	30.29 -0.43 0.00	28.96 -0.38 0.00
STATION 5_MISC_HYD 23604	32.13 -1.51 0.00	29.81 -1.34 0.00	29.01 -1.43 0.00	28.66 -1.41 0.00	28.68 -1.29 0.00	30.86 -1.35 0.00	37.36 -2.34 0.00	40.39 -2.58 0.00	40.53 -2.54 -0.06	40.71 -2.65 0.00	38.79 -2.92 0.00	38.38 -2.67 0.00	37.55 -2.52 0.00	37.34 -2.51 0.00	36.91 -2.57 0.00	38.02 -2.47 0.00	38.34 -2.40 0.00	40.43 -2.49 0.00	39.27 -2.51 0.00	35.79 -2.33 0.00	32.59 -2.08 0.00	31.31 -2.14 0.00	28.91 -1.81 0.00	27.87 -1.47 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.71 0.07 0.00	31.15 0.00 0.00	30.32 -0.12 0.00	30.01 -0.06 0.00	30.03 0.06 0.00	32.37 0.16 0.00	39.47 -0.24 0.00	42.88 -0.09 0.00	43.07 0.00 -0.06	42.97 -0.39 0.00	41.47 -0.25 0.00	40.84 -0.21 0.00	40.03 -0.04 0.00	39.77 -0.08 0.00	39.28 -0.20 0.00	40.29 -0.20 0.00	40.29 -0.45 0.00	42.79 -0.13 0.00	40.40 -1.38 0.00	36.82 -1.30 0.00	33.46 -1.21 0.00	32.48 -0.97 0.00	29.58 -1.14 0.00	28.40 -0.94 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.03 -1.61 0.00	29.62 -1.53 0.00	28.89 -1.55 0.00	28.57 -1.50 0.00	28.56 -1.41 0.00	30.73 -1.48 0.00	37.28 -2.42 0.00	40.30 -2.66 0.00	40.49 -2.58 -0.06	40.28 -3.08 0.00	38.84 -2.88 0.00	38.30 -2.75 0.00	37.55 -2.52 0.00	37.30 -2.55 0.00	36.87 -2.61 0.00	37.78 -2.71 0.00	37.81 -2.93 0.00	40.22 -2.70 0.00	39.23 -2.55 0.00	35.80 -2.33 0.00	32.55 -2.11 0.00	31.71 -1.74 0.00	28.85 -1.87 0.00	27.79 -1.56 0.00

STA_56___34_KV_BUS2 355983	32.03 -1.61 0.00	29.62 -1.53 0.00	28.89 -1.55 0.00	28.57 -1.50 0.00	28.56 -1.41 0.00	30.73 -1.48 0.00	37.28 -2.42 0.00	40.30 -2.66 0.00	40.49 -2.58 -0.06	40.28 -3.08 0.00	38.84 -2.88 0.00	38.30 -2.75 0.00	37.55 -2.52 0.00	37.30 -2.55 0.00	36.87 -2.61 0.00	37.78 -2.71 0.00	37.81 -2.93 0.00	40.22 -2.70 0.00	39.23 -2.55 0.00	35.80 -2.33 0.00	32.55 -2.11 0.00	31.71 -1.74 0.00	28.85 -1.87 0.00	27.79 -1.56 0.00
STA_67___115KV_BK2 355882	32.06 -1.58 0.00	29.69 -1.46 0.00	28.95 -1.49 0.00	28.60 -1.47 0.00	28.62 -1.35 0.00	30.80 -1.42 0.00	37.28 -2.42 0.00	40.26 -2.71 0.00	40.44 -2.62 -0.06	40.19 -3.17 0.00	38.75 -2.96 0.00	38.22 -2.83 0.00	37.43 -2.64 0.00	37.22 -2.63 0.00	36.79 -2.68 0.00	37.70 -2.79 0.00	37.72 -3.01 0.00	40.17 -2.75 0.00	39.14 -2.63 0.00	35.72 -2.40 0.00	32.52 -2.15 0.00	31.71 -1.74 0.00	28.85 -1.87 0.00	27.81 -1.53 0.00
STA_7___115KV_9TRANS 80674	32.30 -1.35 0.00	29.87 -1.28 0.00	29.14 -1.31 0.00	28.78 -1.29 0.00	28.80 -1.17 0.00	30.99 -1.22 0.00	37.52 -2.18 0.00	40.56 -2.41 0.00	40.75 -2.32 -0.06	40.50 -2.86 0.00	39.09 -2.63 0.00	38.50 -2.55 0.00	37.79 -2.28 0.00	37.54 -2.31 0.00	37.10 -2.37 0.00	38.03 -2.47 0.00	38.01 -2.73 0.00	40.52 -2.40 0.00	39.48 -2.30 0.00	36.02 -2.10 0.00	32.76 -1.91 0.00	31.94 -1.51 0.00	29.03 -1.69 0.00	27.96 -1.38 0.00
STA_82___115KV_TB1 80780	32.10 -1.55 0.00	29.69 -1.46 0.00	28.98 -1.46 0.00	28.63 -1.44 0.00	28.65 -1.32 0.00	30.80 -1.42 0.00	37.32 -2.38 0.00	40.30 -2.66 0.00	40.49 -2.58 -0.06	40.24 -3.12 0.00	38.80 -2.92 0.00	38.26 -2.79 0.00	37.47 -2.60 0.00	37.26 -2.59 0.00	36.83 -2.64 0.00	37.74 -2.75 0.00	37.77 -2.97 0.00	40.22 -2.70 0.00	39.18 -2.59 0.00	35.76 -2.36 0.00	32.55 -2.11 0.00	31.74 -1.71 0.00	28.88 -1.84 0.00	27.81 -1.53 0.00
STEEL___WIND 323596	31.86 -1.78 0.00	29.59 -1.56 0.00	28.77 -1.67 0.00	28.33 -1.74 0.00	28.38 -1.59 0.00	30.51 -1.71 0.00	36.37 -3.34 0.00	39.01 -3.95 0.00	38.43 -4.65 -0.07	39.02 -4.34 0.00	36.92 -4.80 0.00	36.74 -4.31 0.00	35.95 -4.13 0.00	35.70 -4.15 0.00	35.29 -4.19 0.00	36.45 -4.05 0.00	36.83 -3.91 0.00	39.06 -3.86 0.00	37.80 -3.97 0.00	34.65 -3.47 0.00	31.62 -3.05 0.00	30.37 -3.08 0.00	28.17 -2.55 0.00	27.40 -1.94 0.00
STEPHTWN_115KV_BK_2 55603	34.96 1.31 0.00	32.46 1.31 0.00	31.75 1.31 0.00	31.33 1.26 0.00	31.20 1.23 0.00	33.57 1.35 0.00	41.61 1.91 0.00	45.28 2.32 0.00	45.97 2.32 -0.64	45.44 2.08 0.00	43.51 1.79 0.00	42.90 1.85 0.00	41.83 1.76 0.00	41.56 1.71 0.00	41.17 1.70 0.00	42.24 1.74 0.00	42.57 1.83 0.00	44.85 1.93 0.00	43.49 1.71 0.00	39.84 1.72 0.00	36.37 1.70 0.00	34.99 1.54 0.00	32.22 1.51 0.00	30.72 1.38 0.00
STEUBEN_REC_LFGE 323667	33.68 0.03 0.00	31.06 -0.09 0.00	30.26 -0.18 0.00	29.77 -0.30 0.00	29.79 -0.18 0.00	32.08 -0.13 0.00	38.83 -0.87 0.00	41.98 -0.99 0.00	41.44 -1.68 -0.11	41.45 -1.91 0.00	40.05 -1.67 0.00	39.53 -1.52 0.00	38.67 -1.40 0.00	38.41 -1.43 0.00	38.01 -1.46 0.00	38.88 -1.62 0.00	38.95 -1.79 0.00	41.63 -1.29 0.00	40.31 -1.46 0.00	36.86 -1.26 0.00	33.46 -1.21 0.00	32.51 -0.94 0.00	29.55 -1.17 0.00	28.49 -0.85 0.00
STILLWATER___SOLAR 323814	35.12 1.48 0.00	32.52 1.37 0.00	31.82 1.37 0.00	31.39 1.32 0.00	31.23 1.26 0.00	33.66 1.45 0.00	41.73 2.02 0.00	45.37 2.40 0.00	46.16 2.49 -0.66	45.74 2.38 0.00	43.80 2.08 0.00	43.10 2.05 0.00	42.03 1.96 0.00	41.76 1.91 0.00	41.37 1.89 0.00	42.44 1.94 0.00	42.78 2.04 0.00	45.24 2.32 0.00	43.82 2.05 0.00	40.03 1.91 0.00	36.44 1.77 0.00	35.22 1.77 0.00	32.28 1.57 0.00	31.10 1.76 0.00
STONY___BROOK 24151	46.95 2.69 -10.61	41.29 2.46 -7.68	37.00 2.50 -4.06	39.10 2.41 -6.62	40.72 2.37 -8.38	44.39 2.64 -9.54	55.42 3.53 -12.19	58.51 4.47 -11.08	57.57 4.51 -10.05	54.64 4.38 -6.90	45.76 3.92 -0.13	45.98 3.74 -1.20	44.76 3.77 -0.93	44.53 3.74 -0.93	45.26 3.87 -1.92	45.24 3.97 -0.77	47.92 4.03 -3.15	57.29 4.59 -9.77	53.03 4.26 -6.99	47.66 3.93 -5.61	44.02 3.30 -6.06	41.82 3.24 -5.13	40.37 2.98 -6.68	33.77 2.67 -1.76
STURGEON_POOL_HYD 23609	34.99 1.35 0.00	32.40 1.25 0.00	31.69 1.25 0.00	31.27 1.20 0.00	31.14 1.17 0.00	33.53 1.32 0.00	41.49 1.79 0.00	45.46 2.49 0.00	45.87 2.32 -0.54	45.53 2.17 0.00	43.72 2.00 0.00	42.98 1.93 0.00	41.88 1.80 0.00	41.64 1.79 0.00	41.33 1.86 0.00	42.56 2.07 0.00	42.86 2.12 0.00	45.24 2.32 0.00	43.99 2.21 0.00	40.07 1.94 0.00	36.26 1.59 0.00	34.92 1.47 0.00	32.22 1.51 0.00	30.69 1.35 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.79 1.14 0.00	32.24 1.09 0.00	31.54 1.10 0.00	31.12 1.05 0.00	30.99 1.02 0.00	33.37 1.16 0.00	41.30 1.59 0.00	45.20 2.23 0.00	45.73 2.24 -0.49	45.27 1.91 0.00	43.51 1.79 0.00	42.81 1.77 0.00	41.71 1.64 0.00	41.48 1.63 0.00	41.17 1.70 0.00	42.36 1.86 0.00	42.65 1.91 0.00	44.98 2.06 0.00	43.74 1.96 0.00	39.87 1.75 0.00	36.20 1.53 0.00	34.89 1.44 0.00	32.16 1.44 0.00	30.63 1.29 0.00
SWANROAD_115KV_TB1 355699	30.51 -3.13 0.00	28.25 -2.90 0.00	27.61 -2.83 0.00	27.21 -2.86 0.00	27.27 -2.70 0.00	29.28 -2.93 0.00	34.82 -4.88 0.00	37.21 -5.76 0.00	37.01 -6.06 -0.06	36.68 -6.68 0.00	35.38 -6.34 0.00	34.97 -6.08 0.00	34.34 -5.73 0.00	34.11 -5.74 0.00	33.75 -5.72 0.00	34.50 -5.99 0.00	34.42 -6.31 0.00	37.04 -5.88 0.00	36.18 -5.60 0.00	33.17 -4.96 0.00	30.30 -4.37 0.00	29.90 -3.55 0.00	27.06 -3.66 0.00	26.41 -2.93 0.00
SYNERGY___BIOGAS 323694	32.10 -1.55 0.00	29.81 -1.34 0.00	28.92 -1.52 0.00	28.57 -1.50 0.00	28.62 -1.35 0.00	30.80 -1.42 0.00	36.89 -2.82 0.00	39.74 -3.22 0.00	39.67 -3.40 -0.06	39.93 -3.43 0.00	37.88 -3.84 0.00	37.60 -3.45 0.00	36.83 -3.24 0.00	36.58 -3.27 0.00	36.12 -3.36 0.00	37.34 -3.16 0.00	37.73 -3.01 0.00	39.83 -3.09 0.00	38.60 -3.18 0.00	35.22 -2.90 0.00	32.10 -2.57 0.00	30.77 -2.68 0.00	28.51 -2.21 0.00	27.64 -1.70 0.00
SYRACUSE___ENERGY_ST1 323597	33.14 -0.50 0.00	30.65 -0.50 0.00	29.93 -0.52 0.00	29.56 -0.51 0.00	29.52 -0.45 0.00	31.76 -0.45 0.00	39.07 -0.64 0.00	42.36 -0.60 0.00	42.42 -0.65 -0.05	42.54 -0.82 0.00	40.97 -0.75 0.00	40.35 -0.70 0.00	39.43 -0.64 0.00	39.21 -0.64 0.00	38.84 -0.63 0.00	39.85 -0.65 0.00	40.01 -0.73 0.00	42.32 -0.60 0.00	41.15 -0.63 0.00	37.59 -0.53 0.00	34.18 -0.49 0.00	32.98 -0.47 0.00	30.23 -0.49 0.00	28.90 -0.44 0.00
SYRACUSE___ENERGY_ST2 323598	33.14 -0.50 0.00	30.65 -0.50 0.00	29.93 -0.52 0.00	29.56 -0.51 0.00	29.52 -0.45 0.00	31.76 -0.45 0.00	39.07 -0.64 0.00	42.36 -0.60 0.00	42.42 -0.65 -0.05	42.54 -0.82 0.00	40.97 -0.75 0.00	40.35 -0.70 0.00	39.43 -0.64 0.00	39.21 -0.64 0.00	38.84 -0.63 0.00	39.85 -0.65 0.00	40.01 -0.73 0.00	42.32 -0.60 0.00	41.15 -0.63 0.00	37.59 -0.53 0.00	34.18 -0.49 0.00	32.98 -0.47 0.00	30.23 -0.49 0.00	28.90 -0.44 0.00

SYRACUSE___POWER 24017	33.11 -0.54 0.00	30.62 -0.53 0.00	29.90 -0.55 0.00	29.53 -0.54 0.00	29.49 -0.48 0.00	31.73 -0.48 0.00	39.03 -0.68 0.00	42.32 -0.64 0.00	42.37 -0.69 -0.06	42.49 -0.87 0.00	40.88 -0.83 0.00	40.27 -0.78 0.00	39.35 -0.72 0.00	39.13 -0.72 0.00	38.76 -0.71 0.00	39.77 -0.73 0.00	39.97 -0.77 0.00	42.28 -0.64 0.00	41.11 -0.67 0.00	37.55 -0.57 0.00	34.15 -0.52 0.00	33.01 -0.43 0.00	30.23 -0.49 0.00	28.90 -0.44 0.00
TALLMAN___138KV_BK151 55660	34.85 1.21 0.00	32.30 1.15 0.00	31.60 1.16 0.00	31.18 1.11 0.00	31.05 1.08 0.00	33.47 1.26 0.00	41.41 1.71 0.00	45.41 2.45 0.00	45.96 2.45 -0.50	45.44 2.08 0.00	43.68 1.96 0.00	42.98 1.93 0.00	41.92 1.84 0.00	41.64 1.79 0.00	41.37 1.89 0.00	42.52 2.02 0.00	42.86 2.12 0.00	45.20 2.27 0.00	43.90 2.13 0.00	40.07 1.94 0.00	36.37 1.70 0.00	35.05 1.61 0.00	32.35 1.63 0.00	30.78 1.44 0.00
TEALLAVE_115KV_TB7 355573	32.90 -0.74 0.00	30.46 -0.69 0.00	29.74 -0.70 0.00	29.38 -0.69 0.00	29.34 -0.63 0.00	31.57 -0.64 0.00	38.79 -0.91 0.00	42.06 -0.90 0.00	42.11 -0.95 -0.05	42.23 -1.13 0.00	40.67 -1.04 0.00	40.02 -1.03 0.00	39.15 -0.92 0.00	38.89 -0.96 0.00	38.53 -0.95 0.00	39.52 -0.97 0.00	39.72 -1.02 0.00	41.98 -0.94 0.00	40.85 -0.92 0.00	37.28 -0.84 0.00	33.94 -0.73 0.00	32.81 -0.64 0.00	30.07 -0.65 0.00	28.75 -0.59 0.00
TELGRAPH_34_KV_EAST 80808	31.49 -2.15 0.00	29.16 -1.99 0.00	28.44 -2.01 0.00	28.06 -2.01 0.00	28.14 -1.83 0.00	30.22 -2.00 0.00	36.09 -3.61 0.00	38.75 -4.21 0.00	38.60 -4.47 -0.06	38.29 -5.07 0.00	36.96 -4.76 0.00	36.49 -4.56 0.00	35.86 -4.21 0.00	35.62 -4.22 0.00	35.21 -4.26 0.00	36.00 -4.50 0.00	35.93 -4.81 0.00	38.59 -4.34 0.00	37.64 -4.14 0.00	34.42 -3.70 0.00	31.41 -3.26 0.00	30.87 -2.58 0.00	27.95 -2.76 0.00	27.17 -2.17 0.00
TEMPLE___115KV_TB 2 55572	32.94 -0.71 0.00	30.46 -0.69 0.00	29.77 -0.67 0.00	29.41 -0.66 0.00	29.34 -0.63 0.00	31.57 -0.64 0.00	38.79 -0.91 0.00	42.06 -0.90 0.00	42.15 -0.90 -0.05	42.28 -1.08 0.00	40.67 -1.04 0.00	40.06 -0.99 0.00	39.15 -0.92 0.00	38.93 -0.92 0.00	38.56 -0.91 0.00	39.56 -0.93 0.00	39.72 -1.02 0.00	42.02 -0.90 0.00	40.85 -0.92 0.00	37.32 -0.80 0.00	33.98 -0.69 0.00	32.85 -0.60 0.00	30.07 -0.65 0.00	28.78 -0.56 0.00
TIANA____69_KV_BK 1 55817	47.48 3.23 -10.60	41.81 2.99 -7.67	37.45 2.95 -4.05	39.57 2.89 -6.61	41.19 2.85 -8.37	44.93 3.19 -9.53	56.13 4.25 -12.18	59.37 5.33 -11.07	58.34 5.29 -10.04	54.67 4.42 -6.89	46.51 4.67 -0.12	46.76 4.52 -1.20	45.56 4.57 -0.92	45.28 4.50 -0.93	46.04 4.66 -1.91	46.08 4.82 -0.76	48.89 5.01 -3.14	58.04 5.37 -9.76	53.85 5.10 -6.98	48.40 4.69 -5.59	44.71 3.99 -6.05	42.25 3.68 -5.12	40.83 3.44 -6.67	34.18 3.08 -1.75
TILDEN___115KV_TB1 80814	33.11 -0.54 0.00	30.62 -0.53 0.00	29.90 -0.55 0.00	29.53 -0.54 0.00	29.49 -0.48 0.00	31.73 -0.48 0.00	39.03 -0.68 0.00	42.32 -0.64 0.00	42.37 -0.69 -0.06	42.49 -0.87 0.00	40.88 -0.83 0.00	40.27 -0.78 0.00	39.35 -0.72 0.00	39.13 -0.72 0.00	38.76 -0.71 0.00	39.77 -0.73 0.00	39.97 -0.77 0.00	42.28 -0.64 0.00	41.11 -0.67 0.00	37.55 -0.57 0.00	34.15 -0.52 0.00	33.01 -0.43 0.00	30.23 -0.49 0.00	28.90 -0.44 0.00
TRIGEN___CC 323695	46.27 2.02 -10.60	40.72 1.90 -7.67	36.38 1.89 -4.05	38.52 1.83 -6.61	40.14 1.80 -8.37	43.74 2.00 -9.53	54.54 2.66 -12.18	57.56 3.52 -11.07	56.62 3.57 -10.04	53.42 3.17 -6.89	44.84 3.00 -0.12	45.24 3.00 -1.20	43.83 2.85 -0.92	43.60 2.83 -0.93	44.31 2.92 -1.91	44.38 3.12 -0.76	47.02 3.14 -3.14	56.02 3.35 -9.75	51.92 3.17 -6.97	46.60 2.90 -5.58	43.25 2.53 -6.05	40.98 2.41 -5.12	39.72 2.33 -6.67	33.21 2.11 -1.75
TRINITY___115KV___ 4 BK 55933	34.52 0.87 0.00	32.02 0.87 0.00	31.36 0.91 0.00	30.94 0.87 0.00	30.81 0.84 0.00	33.12 0.90 0.00	41.02 1.31 0.00	44.60 1.63 0.00	45.28 1.63 -0.64	44.75 1.39 0.00	42.80 1.08 0.00	42.16 1.11 0.00	41.15 1.08 0.00	40.92 1.08 0.00	40.58 1.11 0.00	41.59 1.09 0.00	41.88 1.14 0.00	44.08 1.16 0.00	42.82 1.04 0.00	39.23 1.11 0.00	35.78 1.11 0.00	34.45 1.00 0.00	31.76 1.04 0.00	30.31 0.97 0.00
UNION___PROCESSING_DRP 323587	32.13 -1.51 0.00	29.72 -1.43 0.00	28.98 -1.46 0.00	28.66 -1.41 0.00	28.65 -1.32 0.00	30.83 -1.39 0.00	37.32 -2.38 0.00	40.34 -2.62 0.00	40.49 -2.58 -0.06	40.24 -3.12 0.00	38.80 -2.92 0.00	38.26 -2.79 0.00	37.51 -2.56 0.00	37.26 -2.59 0.00	36.83 -2.64 0.00	37.74 -2.75 0.00	37.77 -2.97 0.00	40.22 -2.70 0.00	39.18 -2.59 0.00	35.76 -2.36 0.00	32.55 -2.11 0.00	31.74 -1.71 0.00	28.88 -1.84 0.00	27.84 -1.50 0.00
UPPER HUDSON___HYD 24058	34.58 0.94 0.00	31.99 0.84 0.00	31.30 0.85 0.00	30.88 0.81 0.00	30.72 0.75 0.00	33.15 0.93 0.00	41.22 1.51 0.00	44.81 1.85 0.00	45.69 2.02 -0.66	45.22 1.86 0.00	43.39 1.67 0.00	42.65 1.60 0.00	41.56 1.48 0.00	41.32 1.48 0.00	40.85 1.38 0.00	41.91 1.42 0.00	42.37 1.63 0.00	44.81 1.89 0.00	43.28 1.50 0.00	39.53 1.41 0.00	35.99 1.32 0.00	34.95 1.51 0.00	31.98 1.26 0.00	31.42 2.08 0.00
UPPER RAQUET___HYD 24056	33.51 -0.13 0.00	31.00 -0.15 0.00	30.23 -0.21 0.00	29.92 -0.15 0.00	29.79 -0.18 0.00	31.92 -0.29 0.00	39.27 -0.44 0.00	42.45 -0.51 0.00	42.32 -0.69 0.00	42.62 -0.74 0.00	41.55 -0.17 0.00	40.80 -0.24 0.00	39.75 -0.32 0.00	39.61 -0.24 0.00	39.12 -0.36 0.00	40.01 -0.48 0.00	40.21 -0.53 0.00	42.06 -0.86 0.00	41.15 -0.63 0.00	37.32 -0.80 0.00	34.11 -0.56 0.00	32.81 -0.64 0.00	29.98 -0.74 0.00	28.64 -0.70 0.00
VALLEY44_115KV_TB2 355964	32.57 -1.08 0.00	30.06 -1.09 0.00	29.35 -1.10 0.00	28.90 -1.17 0.00	28.92 -1.05 0.00	31.15 -1.06 0.00	37.24 -2.46 0.00	40.00 -2.96 0.00	38.62 -4.47 -0.08	39.15 -4.21 0.00	37.88 -3.84 0.00	37.48 -3.57 0.00	36.75 -3.33 0.00	36.50 -3.35 0.00	36.08 -3.39 0.00	36.93 -3.56 0.00	36.99 -3.75 0.00	39.74 -3.18 0.00	38.64 -3.13 0.00	35.41 -2.71 0.00	32.24 -2.43 0.00	31.54 -1.91 0.00	28.69 -2.03 0.00	27.90 -1.44 0.00
VALLEY___115KV_TB 1-4 80826	34.32 0.67 0.00	31.71 0.56 0.00	30.93 0.49 0.00	30.49 0.42 0.00	30.27 0.30 0.00	32.47 0.26 0.00	40.02 0.32 0.00	43.35 0.39 0.00	43.35 0.34 0.00	43.66 0.30 0.00	42.05 0.33 0.00	41.34 0.29 0.00	40.43 0.36 0.00	40.21 0.36 0.00	39.79 0.32 0.00	40.82 0.32 0.00	41.07 0.33 0.00	43.26 0.34 0.00	42.11 0.33 0.00	38.43 0.30 0.00	34.98 0.31 0.00	33.82 0.37 0.00	31.03 0.31 0.00	29.60 0.26 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.76 2.12 0.00	33.05 1.90 0.00	32.30 1.86 0.00	31.94 1.86 0.00	31.80 1.83 0.00	34.31 2.09 0.00	42.49 2.78 0.00	46.31 3.35 0.00	46.42 3.18 -0.23	46.39 3.04 0.00	44.68 2.96 0.00	43.88 2.83 0.00	42.80 2.72 0.00	42.52 2.67 0.00	42.08 2.61 0.00	43.13 2.63 0.00	43.39 2.65 0.00	45.84 2.92 0.00	44.57 2.80 0.00	40.60 2.48 0.00	36.89 2.22 0.00	35.62 2.17 0.00	32.59 1.87 0.00	31.01 1.67 0.00

VISCHER___FERRY HYD 24020	34.92 1.28 0.00	32.33 1.18 0.00	31.63 1.19 0.00	31.21 1.14 0.00	31.11 1.14 0.00	33.47 1.26 0.00	41.45 1.75 0.00	45.07 2.10 0.00	45.81 2.15 -0.65	45.48 2.12 0.00	43.43 1.71 0.00	42.69 1.64 0.00	41.68 1.60 0.00	41.44 1.60 0.00	41.05 1.58 0.00	42.12 1.62 0.00	42.41 1.67 0.00	44.81 1.89 0.00	43.49 1.71 0.00	39.76 1.64 0.00	36.16 1.49 0.00	34.95 1.51 0.00	32.10 1.38 0.00	30.72 1.38 0.00
V_A_10_SYNC_DSASP 323832	31.05 -2.59 0.00	28.91 -2.24 0.00	28.10 -2.34 0.00	27.73 -2.35 0.00	27.79 -2.19 0.00	29.86 -2.35 0.00	35.78 -3.93 0.00	38.41 -4.56 0.00	38.48 -4.60 -0.07	38.59 -4.77 0.00	36.58 -5.13 0.00	36.33 -4.72 0.00	35.54 -4.53 0.00	35.30 -4.54 0.00	34.89 -4.58 0.00	36.04 -4.45 0.00	36.46 -4.28 0.00	38.50 -4.42 0.00	37.34 -4.43 0.00	34.20 -3.93 0.00	31.20 -3.47 0.00	29.97 -3.48 0.00	27.80 -2.92 0.00	26.99 -2.35 0.00
V_CMM_10_SYNC_DSASP 323787	33.88 0.24 0.00	31.34 0.19 0.00	30.60 0.15 0.00	30.25 0.18 0.00	30.12 0.15 0.00	32.31 0.10 0.00	39.75 0.04 0.00	42.79 -0.17 0.00	42.79 -0.21 0.00	43.10 -0.26 0.00	41.93 0.21 0.00	41.21 0.16 0.00	40.23 0.16 0.00	40.05 0.20 0.00	39.55 0.08 0.00	40.54 0.04 0.00	40.74 0.00 0.00	42.67 -0.26 0.00	41.69 -0.08 0.00	37.97 -0.15 0.00	34.57 -0.10 0.00	33.31 -0.13 0.00	30.57 -0.15 0.00	29.19 -0.15 0.00
V_CMP_10_SYNC_DSASP 323788	35.56 1.92 0.00	32.89 1.74 0.00	32.06 1.61 0.00	31.69 1.62 0.00	31.59 1.62 0.00	33.41 1.19 0.00	41.13 1.43 0.00	44.55 1.59 0.00	44.25 1.25 0.00	44.62 1.26 0.00	43.34 1.63 0.00	42.52 1.48 0.00	41.35 1.28 0.00	41.16 1.31 0.00	40.58 1.10 0.00	41.35 0.85 0.00	41.51 0.77 0.00	43.31 0.39 0.00	42.19 0.42 0.00	38.04 -0.08 0.00	34.36 -0.31 0.00	33.01 -0.44 0.00	30.07 -0.65 0.00	29.10 -0.24 0.00
V_D_10_SYNC_DSASP 323841	34.11 0.47 0.00	31.55 0.40 0.00	30.81 0.37 0.00	30.46 0.39 0.00	30.33 0.36 0.00	32.54 0.32 0.00	39.95 0.24 0.00	43.05 0.09 0.00	42.96 -0.04 0.00	43.32 -0.04 0.00	42.13 0.42 0.00	41.42 0.37 0.00	40.39 0.32 0.00	40.25 0.40 0.00	39.75 0.28 0.00	40.70 0.20 0.00	40.90 0.16 0.00	42.79 -0.13 0.00	41.86 0.08 0.00	38.08 -0.04 0.00	34.81 0.14 0.00	33.51 0.07 0.00	30.72 0.00 0.00	29.37 0.03 0.00
V_E_10_SYNC_DSASP 323830	36.84 3.20 0.00	33.98 2.83 0.00	33.12 2.68 0.00	32.72 2.65 0.00	32.58 2.61 0.00	35.14 2.93 0.00	43.52 3.81 0.00	47.26 4.30 0.00	46.82 3.65 -0.16	47.04 3.68 0.00	44.93 3.21 0.00	44.04 3.00 0.00	43.08 3.01 0.00	42.76 2.91 0.00	42.32 2.84 0.00	43.37 2.88 0.00	43.75 3.01 0.00	46.40 3.48 0.00	44.91 3.13 0.00	40.83 2.71 0.00	37.10 2.43 0.00	35.72 2.28 0.00	32.59 1.87 0.00	30.84 1.50 0.00
V_F_30_NSYNC___DSASP 323816	35.19 1.55 0.00	32.55 1.40 0.00	31.85 1.40 0.00	31.43 1.35 0.00	31.29 1.32 0.00	33.70 1.48 0.00	41.77 2.06 0.00	45.41 2.45 0.00	46.20 2.54 -0.66	45.83 2.47 0.00	43.88 2.17 0.00	43.14 2.09 0.00	42.07 2.00 0.00	41.84 1.99 0.00	41.41 1.93 0.00	42.48 1.98 0.00	42.86 2.12 0.00	45.28 2.36 0.00	43.86 2.09 0.00	40.06 1.94 0.00	36.47 1.80 0.00	35.25 1.80 0.00	32.32 1.60 0.00	31.13 1.79 0.00
V_F_30_SYNC_DSASP 323786	34.62 0.98 0.00	32.12 0.97 0.00	31.45 1.00 0.00	31.03 0.96 0.00	30.90 0.93 0.00	33.21 1.00 0.00	41.14 1.43 0.00	44.73 1.76 0.00	45.42 1.76 -0.65	44.92 1.56 0.00	42.97 1.25 0.00	42.36 1.31 0.00	41.31 1.24 0.00	41.08 1.24 0.00	40.70 1.22 0.00	41.75 1.26 0.00	42.04 1.30 0.00	44.25 1.33 0.00	42.94 1.17 0.00	39.38 1.26 0.00	35.92 1.25 0.00	34.58 1.14 0.00	31.86 1.14 0.00	30.40 1.06 0.00
V_XM_10_SYNC_DSASP 323789	35.56 1.92 0.00	32.89 1.74 0.00	32.06 1.61 0.00	31.69 1.62 0.00	31.59 1.62 0.00	33.41 1.19 0.00	41.13 1.43 0.00	44.55 1.59 0.00	44.25 1.25 0.00	44.62 1.26 0.00	43.34 1.63 0.00	42.52 1.48 0.00	41.35 1.28 0.00	41.16 1.31 0.00	40.58 1.10 0.00	41.35 0.85 0.00	41.51 0.77 0.00	43.31 0.39 0.00	42.19 0.42 0.00	38.04 -0.08 0.00	34.36 -0.31 0.00	33.01 -0.44 0.00	30.07 -0.65 0.00	29.10 -0.24 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.96 1.31 0.00	32.40 1.25 0.00	31.69 1.25 0.00	31.27 1.20 0.00	31.14 1.17 0.00	33.57 1.35 0.00	41.53 1.83 0.00	45.54 2.58 0.00	46.13 2.62 -0.50	45.57 2.21 0.00	43.84 2.13 0.00	43.10 2.05 0.00	42.04 1.96 0.00	41.80 1.95 0.00	41.49 2.01 0.00	42.68 2.19 0.00	42.98 2.24 0.00	45.32 2.40 0.00	44.03 2.26 0.00	40.18 2.06 0.00	36.47 1.80 0.00	35.15 1.71 0.00	32.44 1.72 0.00	30.87 1.53 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.16 1.51 0.00	32.61 1.46 0.00	31.94 1.49 0.00	31.48 1.41 0.00	31.35 1.38 0.00	33.76 1.55 0.00	41.81 2.10 0.00	46.01 3.05 0.00	46.62 3.10 -0.52	46.05 2.69 0.00	44.26 2.54 0.00	43.55 2.50 0.00	42.48 2.40 0.00	42.24 2.39 0.00	41.96 2.49 0.00	43.17 2.67 0.00	43.43 2.69 0.00	45.75 2.83 0.00	44.36 2.59 0.00	40.56 2.44 0.00	36.75 2.08 0.00	35.45 2.01 0.00	32.69 1.97 0.00	31.07 1.73 0.00
W50THST__13_KV_LOAD 356117	35.26 1.61 0.00	32.71 1.56 0.00	32.03 1.58 0.00	31.57 1.50 0.00	31.44 1.47 0.00	33.86 1.64 0.00	41.97 2.26 0.00	46.19 3.22 0.00	46.84 3.31 -0.52	46.26 2.91 0.00	44.43 2.71 0.00	43.76 2.71 0.00	42.68 2.60 0.00	42.40 2.55 0.00	42.16 2.68 0.00	43.37 2.88 0.00	43.63 2.89 0.00	45.97 3.05 0.00	44.57 2.80 0.00	40.71 2.59 0.00	36.89 2.22 0.00	35.59 2.14 0.00	32.81 2.09 0.00	31.16 1.82 0.00
WADING RIVER_IC_1 23522	47.18 2.93 -10.61	41.47 2.65 -7.68	37.18 2.68 -4.06	39.28 2.59 -6.62	40.93 2.58 -8.38	44.62 2.87 -9.54	55.74 3.85 -12.19	58.86 4.81 -11.08	57.91 4.86 -10.05	54.55 4.29 -6.90	46.10 4.26 -0.13	46.23 3.98 -1.20	45.13 4.13 -0.93	44.89 4.11 -0.93	45.62 4.23 -1.92	45.56 4.29 -0.77	48.29 4.40 -3.15	57.66 4.98 -9.77	53.40 4.64 -6.99	47.99 4.27 -5.60	44.30 3.57 -6.06	42.03 3.45 -5.13	40.56 3.16 -6.68	33.92 2.82 -1.76
WADING RIVER_IC_2 23547	47.18 2.93 -10.61	41.47 2.65 -7.68	37.18 2.68 -4.06	39.28 2.59 -6.62	40.93 2.58 -8.38	44.62 2.87 -9.54	55.74 3.85 -12.19	58.86 4.81 -11.08	57.91 4.86 -10.05	54.55 4.29 -6.90	46.10 4.26 -0.13	46.23 3.98 -1.20	45.13 4.13 -0.93	44.89 4.11 -0.93	45.62 4.23 -1.92	45.56 4.29 -0.77	48.29 4.40 -3.15	57.66 4.98 -9.77	53.40 4.64 -6.99	47.99 4.27 -5.60	44.30 3.57 -6.06	42.03 3.45 -5.13	40.56 3.16 -6.68	33.92 2.82 -1.76
WADING RIVER_IC_3 23601	47.18 2.93 -10.61	41.47 2.65 -7.68	37.18 2.68 -4.06	39.28 2.59 -6.62	40.93 2.58 -8.38	44.62 2.87 -9.54	55.74 3.85 -12.19	58.86 4.81 -11.08	57.91 4.86 -10.05	54.55 4.29 -6.90	46.10 4.26 -0.13	46.23 3.98 -1.20	45.13 4.13 -0.93	44.89 4.11 -0.93	45.62 4.23 -1.92	45.56 4.29 -0.77	48.29 4.40 -3.15	57.66 4.98 -9.77	53.40 4.64 -6.99	47.99 4.27 -5.60	44.30 3.57 -6.06	42.03 3.45 -5.13	40.56 3.16 -6.68	33.92 2.82 -1.76



WALDENNY_12_KV_BK2 80841	31.79 -1.85 0.00	29.41 -1.74 0.00	28.71 -1.74 0.00	28.27 -1.80 0.00	28.32 -1.65 0.00	30.44 -1.77 0.00	36.29 -3.41 0.00	38.93 -4.04 0.00	38.39 -4.69 -0.07	38.29 -5.07 0.00	36.96 -4.76 0.00	36.53 -4.52 0.00	35.86 -4.21 0.00	35.66 -4.18 0.00	35.25 -4.22 0.00	36.04 -4.45 0.00	35.97 -4.77 0.00	38.71 -4.21 0.00	37.72 -4.05 0.00	34.58 -3.55 0.00	31.55 -3.12 0.00	31.01 -2.44 0.00	28.11 -2.61 0.00	27.37 -1.97 0.00
WALDEN___HYDRO 24148	35.09 1.45 0.00	32.49 1.34 0.00	31.78 1.34 0.00	31.36 1.29 0.00	31.23 1.26 0.00	33.63 1.42 0.00	41.61 1.91 0.00	45.54 2.58 0.00	45.79 2.28 -0.51	45.57 2.21 0.00	43.80 2.09 0.00	43.06 2.01 0.00	41.96 1.88 0.00	41.72 1.87 0.00	41.45 1.97 0.00	42.64 2.15 0.00	42.98 2.24 0.00	45.37 2.45 0.00	44.11 2.34 0.00	40.18 2.06 0.00	36.44 1.77 0.00	35.09 1.64 0.00	32.35 1.63 0.00	30.81 1.47 0.00
WARRENSBURG___ 23737	34.58 0.94 0.00	31.99 0.84 0.00	31.30 0.85 0.00	30.88 0.81 0.00	30.72 0.75 0.00	33.15 0.93 0.00	41.22 1.51 0.00	44.81 1.85 0.00	45.69 2.02 -0.66	45.22 1.86 0.00	43.39 1.67 0.00	42.65 1.60 0.00	41.56 1.48 0.00	41.32 1.48 0.00	40.85 1.38 0.00	41.91 1.42 0.00	42.37 1.63 0.00	44.81 1.89 0.00	43.28 1.50 0.00	39.53 1.41 0.00	35.99 1.32 0.00	34.95 1.51 0.00	31.98 1.26 0.00	31.42 2.08 0.00
WATERSIDE___6 8 9 23538	35.33 1.68 0.00	32.77 1.62 0.00	32.06 1.61 0.00	31.57 1.50 0.00	31.47 1.50 0.00	33.86 1.64 0.00	41.93 2.22 0.00	46.14 3.18 0.00	46.75 3.23 -0.52	46.18 2.82 0.00	44.34 2.63 0.00	43.68 2.63 0.00	42.56 2.48 0.00	42.32 2.47 0.00	42.08 2.61 0.00	43.29 2.79 0.00	43.55 2.81 0.00	45.88 2.96 0.00	44.49 2.72 0.00	40.68 2.55 0.00	36.46 2.18 0.40	34.22 2.21 1.43	32.91 2.18 -0.01	31.25 1.91 -0.01
WATKINRD_115KV_LN8_ILLION 55919	34.15 0.50 0.00	31.59 0.44 0.00	30.84 0.40 0.00	30.43 0.36 0.00	30.30 0.33 0.00	32.54 0.32 0.00	40.18 0.48 0.00	43.52 0.56 0.00	43.52 0.52 0.00	43.79 0.43 0.00	42.13 0.42 0.00	41.46 0.41 0.00	40.51 0.44 0.00	40.29 0.44 0.00	39.91 0.43 0.00	40.94 0.45 0.00	41.19 0.45 0.00	43.44 0.52 0.00	42.23 0.46 0.00	38.58 0.46 0.00	35.05 0.38 0.00	33.85 0.40 0.00	31.09 0.37 0.00	29.66 0.32 0.00
WATSON___69_KV_BK 1 55734	47.21 2.96 -10.60	41.56 2.74 -7.67	37.24 2.74 -4.05	39.33 2.65 -6.61	40.98 2.64 -8.37	44.67 2.93 -9.53	55.82 3.93 -12.18	58.98 4.94 -11.07	57.95 4.90 -10.04	54.59 4.34 -6.89	46.13 4.30 -0.12	46.48 4.23 -1.20	45.20 4.21 -0.92	44.92 4.14 -0.93	45.69 4.30 -1.91	45.76 4.50 -0.76	48.52 4.64 -3.14	57.65 4.98 -9.75	53.47 4.72 -6.97	48.06 4.35 -5.59	44.43 3.71 -6.05	42.02 3.45 -5.12	40.61 3.23 -6.67	34.00 2.90 -1.75
WDELAWARE___HYD 323627	35.02 1.38 0.00	32.36 1.21 0.00	31.69 1.25 0.00	31.28 1.20 0.00	31.14 1.17 0.00	33.57 1.35 0.00	41.57 1.87 0.00	45.41 2.45 0.00	45.97 2.49 -0.47	45.83 2.47 0.00	43.68 1.96 0.00	42.90 1.85 0.00	41.79 1.72 0.00	41.56 1.71 0.00	41.25 1.78 0.00	42.44 1.94 0.00	42.74 2.00 0.00	45.32 2.40 0.00	44.07 2.30 0.00	40.03 1.91 0.00	36.23 1.56 0.00	35.05 1.61 0.00	32.13 1.41 0.00	30.57 1.23 0.00
WEST BABYLON___IC 23714	47.01 2.76 -10.60	41.37 2.55 -7.67	37.02 2.53 -4.05	39.15 2.47 -6.61	40.77 2.43 -8.37	44.45 2.71 -9.53	55.50 3.61 -12.18	58.64 4.60 -11.07	57.61 4.56 -10.04	54.37 4.12 -6.89	45.80 3.96 -0.12	46.19 3.94 -1.20	44.84 3.85 -0.92	44.60 3.83 -0.93	45.33 3.95 -1.91	45.43 4.17 -0.76	48.16 4.28 -3.14	57.26 4.59 -9.75	53.09 4.34 -6.97	47.71 4.00 -5.59	44.12 3.40 -6.05	41.78 3.21 -5.12	40.40 3.01 -6.67	33.82 2.73 -1.75
WEST CANADA___HYD 24049	33.81 0.17 0.00	31.31 0.16 0.00	30.60 0.15 0.00	30.22 0.15 0.00	30.09 0.12 0.00	32.38 0.16 0.00	39.99 0.28 0.00	43.35 0.39 0.00	43.39 0.39 0.00	43.75 0.39 0.00	41.97 0.25 0.00	41.30 0.25 0.00	40.31 0.24 0.00	40.09 0.24 0.00	39.71 0.24 0.00	40.74 0.24 0.00	41.03 0.29 0.00	43.26 0.34 0.00	42.07 0.29 0.00	38.39 0.27 0.00	34.91 0.24 0.00	33.68 0.24 0.00	30.94 0.22 0.00	29.52 0.18 0.00
WESTERN_NY_WIND 24143	32.03 -1.61 0.00	29.62 -1.53 0.00	28.86 -1.58 0.00	28.51 -1.56 0.00	28.56 -1.41 0.00	30.73 -1.48 0.00	36.81 -2.90 0.00	39.61 -3.35 0.00	39.54 -3.53 -0.06	39.24 -4.12 0.00	37.84 -3.88 0.00	37.35 -3.69 0.00	36.71 -3.37 0.00	36.46 -3.39 0.00	36.04 -3.43 0.00	36.89 -3.60 0.00	36.79 -3.95 0.00	39.44 -3.48 0.00	38.52 -3.26 0.00	35.15 -2.97 0.00	32.03 -2.63 0.00	31.41 -2.04 0.00	28.45 -2.27 0.00	27.58 -1.76 0.00
WESTOVER___LESR 323668	33.61 -0.03 0.00	31.09 -0.06 0.00	30.38 -0.06 0.00	29.98 -0.09 0.00	29.94 -0.03 0.00	32.25 0.03 0.00	39.51 -0.20 0.00	42.88 -0.09 0.00	42.79 -0.39 -0.17	42.80 -0.56 0.00	41.22 -0.50 0.00	40.64 -0.41 0.00	39.71 -0.36 0.00	39.45 -0.40 0.00	39.12 -0.36 0.00	40.09 -0.40 0.00	40.33 -0.41 0.00	42.75 -0.17 0.00	41.57 -0.21 0.00	37.93 -0.19 0.00	34.50 -0.17 0.00	33.35 -0.10 0.00	30.53 -0.18 0.00	29.25 -0.09 0.00
WETHRSFD_WT_PWR 323626	32.20 -1.45 0.00	29.87 -1.28 0.00	29.04 -1.40 0.00	28.57 -1.50 0.00	28.62 -1.35 0.00	30.76 -1.45 0.00	36.89 -2.82 0.00	39.70 -3.27 0.00	39.14 -3.96 -0.09	39.63 -3.73 0.00	37.63 -4.09 0.00	37.35 -3.69 0.00	36.51 -3.57 0.00	36.26 -3.59 0.00	35.88 -3.59 0.00	36.97 -3.52 0.00	37.36 -3.38 0.00	39.62 -3.30 0.00	38.27 -3.51 0.00	35.07 -3.05 0.00	31.93 -2.74 0.00	30.71 -2.74 0.00	28.38 -2.34 0.00	27.55 -1.79 0.00
WHAVSTOR_138KV_BK127 55557	34.82 1.18 0.00	32.27 1.12 0.00	31.57 1.13 0.00	31.18 1.11 0.00	31.02 1.05 0.00	33.41 1.19 0.00	41.37 1.67 0.00	45.37 2.41 0.00	45.92 2.41 -0.50	45.40 2.04 0.00	43.63 1.92 0.00	42.94 1.89 0.00	41.88 1.80 0.00	41.60 1.75 0.00	41.33 1.86 0.00	42.48 1.98 0.00	42.82 2.08 0.00	45.15 2.23 0.00	43.82 2.05 0.00	40.03 1.91 0.00	36.33 1.66 0.00	35.05 1.61 0.00	32.35 1.63 0.00	30.78 1.44 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.82 1.18 0.00	32.27 1.12 0.00	31.57 1.13 0.00	31.18 1.11 0.00	31.02 1.05 0.00	33.41 1.19 0.00	41.37 1.67 0.00	45.37 2.41 0.00	45.92 2.41 -0.50	45.40 2.04 0.00	43.63 1.92 0.00	42.94 1.89 0.00	41.88 1.80 0.00	41.60 1.75 0.00	41.33 1.86 0.00	42.48 1.98 0.00	42.82 2.08 0.00	45.15 2.23 0.00	43.82 2.05 0.00	40.03 1.91 0.00	36.33 1.66 0.00	35.05 1.61 0.00	32.35 1.63 0.00	30.78 1.44 0.00
WHITEHAL_115KV_TB1 80871	35.29 1.65 0.00	32.61 1.46 0.00	31.91 1.46 0.00	31.45 1.38 0.00	31.29 1.32 0.00	33.79 1.58 0.00	42.13 2.42 0.00	45.89 2.92 0.00	46.72 3.05 -0.66	46.00 2.64 0.00	44.34 2.63 0.00	43.68 2.63 0.00	42.48 2.40 0.00	42.24 2.39 0.00	41.72 2.25 0.00	42.84 2.35 0.00	43.39 2.65 0.00	45.84 2.92 0.00	44.24 2.46 0.00	40.37 2.25 0.00	36.78 2.11 0.00	35.45 2.01 0.00	32.53 1.81 0.00	31.80 2.46 0.00

WHITEPLN_13_KV_LOAD 356215	35.36 1.72 0.00	32.77 1.62 0.00	32.06 1.61 0.00	31.63 1.56 0.00	31.47 1.50 0.00	33.89 1.68 0.00	42.13 2.42 0.00	46.23 3.27 0.00	46.79 3.27 -0.52	46.22 2.86 0.00	44.47 2.75 0.00	43.76 2.71 0.00	42.64 2.56 0.00	42.36 2.51 0.00	42.08 2.61 0.00	43.33 2.83 0.00	43.63 2.89 0.00	46.10 3.18 0.00	44.70 2.92 0.00	40.75 2.63 0.00	36.96 2.29 0.00	35.59 2.14 0.00	32.78 2.06 0.00	31.19 1.85 0.00
WM_FLOYD_69_KV_BK2 356380	47.14 2.89 -10.60	41.50 2.68 -7.67	37.15 2.65 -4.05	39.27 2.59 -6.61	40.89 2.55 -8.37	44.61 2.87 -9.53	55.74 3.85 -12.18	58.94 4.90 -11.07	57.91 4.86 -10.04	54.28 4.03 -6.89	46.09 4.26 -0.12	46.35 4.10 -1.20	45.16 4.17 -0.92	44.84 4.06 -0.93	45.65 4.26 -1.91	45.67 4.41 -0.76	48.44 4.56 -3.14	57.57 4.89 -9.76	53.39 4.64 -6.98	47.98 4.27 -5.59	44.33 3.61 -6.05	41.92 3.34 -5.12	40.55 3.16 -6.67	33.91 2.82 -1.75
WOODARD__115KV_TB2 355635	32.84 -0.81 0.00	30.40 -0.75 0.00	29.68 -0.76 0.00	29.32 -0.75 0.00	29.28 -0.69 0.00	31.51 -0.71 0.00	38.71 -0.99 0.00	41.98 -0.99 0.00	42.06 -0.99 -0.05	42.19 -1.17 0.00	40.59 -1.13 0.00	39.98 -1.07 0.00	39.07 -1.00 0.00	38.85 -1.00 0.00	38.49 -0.99 0.00	39.48 -1.01 0.00	39.68 -1.06 0.00	41.93 -0.99 0.00	40.81 -0.96 0.00	37.28 -0.84 0.00	33.91 -0.76 0.00	32.74 -0.70 0.00	30.01 -0.71 0.00	28.69 -0.65 0.00
YORK___WARBASSE 23770	35.46 1.82 0.00	32.86 1.71 0.00	32.15 1.70 0.00	31.66 1.59 0.00	31.56 1.59 0.00	33.92 1.71 0.00	42.05 2.34 0.00	46.31 3.35 0.00	46.92 3.40 -0.52	46.39 3.04 0.00	44.51 2.79 0.00	43.84 2.79 0.00	42.72 2.64 0.00	42.52 2.67 0.00	42.28 2.80 0.00	43.49 3.00 0.00	43.67 2.93 0.00	46.10 3.18 0.00	44.66 2.88 0.00	40.87 2.74 0.00	39.81 2.36 -2.79	45.83 2.37 -10.01	33.06 2.33 -0.01	31.37 2.02 -0.01