

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/07/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	40.31	31.01	27.88	26.99	26.53	26.95	28.80	28.13	31.86	34.02	32.54	31.22	32.15	32.78	33.73	35.16	38.61	42.30	47.67	46.81	42.98	39.29	36.28	33.61
24138	3.02	2.59	2.30	2.18	2.15	2.11	2.47	2.63	2.90	2.95	2.74	2.79	3.00	3.09	2.91	2.96	3.53	3.98	4.18	3.79	3.58	2.94	2.69	2.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.33	-5.76	-1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	40.39	31.07	27.91	27.04	26.56	26.97	28.82	28.16	31.88	34.06	32.57	31.25	32.17	32.81	33.76	35.19	38.65	42.34	47.72	46.85	43.06	39.32	36.35	33.71
24260	3.10	2.64	2.33	2.23	2.17	2.14	2.50	2.65	2.92	2.98	2.77	2.81	3.03	3.12	2.94	2.99	3.56	4.02	4.22	3.83	3.66	2.98	2.75	2.64
	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	-3.33	-5.76	-1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	40.39	31.07	27.91	27.04	26.56	26.97	28.82	28.16	31.88	34.06	32.57	31.25	32.17	32.81	33.76	35.19	38.65	42.34	47.72	46.85	43.06	39.32	36.35	33.71
24261	3.10	2.64	2.33	2.23	2.17	2.14	2.50	2.65	2.92	2.98	2.77	2.81	3.03	3.12	2.94	2.99	3.56	4.02	4.22	3.83	3.66	2.98	2.75	2.64
	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	-3.33	-5.76	-1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	40.16	30.58	27.37	26.52	26.12	26.55	28.19	27.45	31.13	33.31	31.71	30.17	30.89	31.47	29.43	28.56	36.15	41.22	46.98	46.63	42.78	39.21	36.11	33.15
24011	2.87	2.16	1.79	1.71	1.73	1.71	1.87	1.94	2.17	2.24	1.91	1.73	1.75	1.78	1.76	1.80	2.49	2.91	3.48	3.61	3.39	2.87	2.52	2.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	-0.32	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	40.42	30.73	27.47	26.62	26.22	26.65	28.30	27.55	31.28	33.43	31.83	30.31	31.01	31.59	29.53	28.68	36.35	41.49	47.24	46.98	43.09	39.47	36.31	33.30
23798	3.13	2.30	1.89	1.81	1.83	1.81	1.98	2.04	2.32	2.36	2.03	1.88	1.87	1.90	1.87	1.93	2.69	3.18	3.74	3.96	3.70	3.13	2.72	2.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	-0.30	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	40.16	30.58	27.37	26.52	26.12	26.55	28.19	27.45	31.13	33.31</														

ALBANY___2 23572	37.48 0.19 0.00	28.85 0.43 0.00	25.96 0.38 0.00	25.16 0.35 0.00	24.75 0.37 0.00	25.14 0.30 0.00	26.69 0.37 0.00	25.94 0.43 0.00	29.39 0.43 0.00	31.45 0.37 0.00	30.10 0.30 0.00	28.72 0.28 0.00	29.49 0.35 0.00	30.05 0.36 0.00	27.90 0.41 0.00	26.95 0.50 0.00	34.09 0.50 0.00	38.73 0.42 0.00	43.84 0.35 0.00	43.32 0.30 0.00	39.79 0.39 0.00	36.49 0.15 0.00	33.83 0.24 0.00	31.25 0.19 0.00
ALBANY___3 23573	37.48 0.19 0.00	28.85 0.43 0.00	25.96 0.38 0.00	25.16 0.35 0.00	24.75 0.37 0.00	25.14 0.30 0.00	26.69 0.37 0.00	25.94 0.43 0.00	29.39 0.43 0.00	31.45 0.37 0.00	30.10 0.30 0.00	28.72 0.28 0.00	29.49 0.35 0.00	30.05 0.36 0.00	27.90 0.41 0.00	26.95 0.50 0.00	34.09 0.50 0.00	38.73 0.42 0.00	43.84 0.35 0.00	43.32 0.30 0.00	39.79 0.39 0.00	36.49 0.15 0.00	33.83 0.24 0.00	31.25 0.19 0.00
ALBANY___4 23574	37.48 0.19 0.00	28.85 0.43 0.00	25.96 0.38 0.00	25.16 0.35 0.00	24.75 0.37 0.00	25.14 0.30 0.00	26.69 0.37 0.00	25.94 0.43 0.00	29.39 0.43 0.00	31.45 0.37 0.00	30.10 0.30 0.00	28.72 0.28 0.00	29.49 0.35 0.00	30.05 0.36 0.00	27.90 0.41 0.00	26.95 0.50 0.00	34.09 0.50 0.00	38.73 0.42 0.00	43.84 0.35 0.00	43.32 0.30 0.00	39.79 0.39 0.00	36.49 0.15 0.00	33.83 0.24 0.00	31.25 0.19 0.00
ALBANY___LFGE 323615	37.89 0.59 0.00	29.11 0.68 0.00	26.19 0.61 0.00	25.38 0.57 0.00	24.97 0.58 0.00	25.36 0.52 0.00	26.93 0.61 0.00	26.17 0.66 0.00	29.65 0.69 0.00	31.73 0.65 0.00	30.39 0.60 0.00	29.00 0.57 0.00	29.78 0.64 0.00	30.34 0.65 0.00	28.31 0.71 -0.11	27.42 0.79 -0.19	34.51 0.87 -0.05	39.15 0.84 0.00	44.32 0.82 0.00	43.84 0.82 0.00	40.22 0.83 0.00	36.89 0.55 0.00	34.16 0.57 0.00	31.53 0.47 0.00
ALCOA_PA_115KV_PL-6C 55860	37.66 0.37 0.00	28.31 -0.11 0.00	25.53 -0.05 0.00	24.78 -0.02 0.00	24.31 -0.07 0.00	24.81 -0.02 0.00	26.22 -0.11 0.00	25.46 -0.05 0.00	28.96 0.00 0.00	31.29 0.22 0.00	30.16 0.36 0.00	28.75 0.31 0.00	29.41 0.26 0.00	29.93 0.24 0.00	27.54 0.05 0.00	26.39 -0.05 0.00	33.82 0.24 0.00	38.58 0.27 0.00	43.89 0.39 0.00	43.41 0.39 0.00	39.55 0.16 0.00	36.74 0.40 0.00	33.93 0.34 0.00	31.41 0.34 0.00
ALCOA_RYNLDS___DRP 24188	37.66 0.37 0.00	28.31 -0.11 0.00	25.53 -0.05 0.00	24.78 -0.02 0.00	24.31 -0.07 0.00	24.81 -0.02 0.00	26.22 -0.11 0.00	25.46 -0.05 0.00	28.96 0.00 0.00	31.29 0.22 0.00	30.16 0.36 0.00	28.75 0.31 0.00	29.41 0.26 0.00	29.93 0.24 0.00	27.54 0.05 0.00	26.39 -0.05 0.00	33.82 0.24 0.00	38.58 0.27 0.00	43.89 0.39 0.00	43.41 0.39 0.00	39.55 0.16 0.00	36.74 0.40 0.00	33.93 0.34 0.00	31.41 0.34 0.00
ALCOA___DSASP 323711	37.66 0.37 0.00	28.31 -0.11 0.00	25.53 -0.05 0.00	24.78 -0.02 0.00	24.31 -0.07 0.00	24.81 -0.02 0.00	26.22 -0.10 0.00	25.46 -0.05 0.00	28.96 0.00 0.00	31.29 0.22 0.00	30.16 0.36 0.00	28.75 0.31 0.00	29.41 0.26 0.00	29.93 0.24 0.00	27.54 0.06 0.00	26.39 -0.05 0.00	33.82 0.24 0.00	38.58 0.27 0.00	43.89 0.39 0.00	43.41 0.39 0.00	39.55 0.16 0.00	36.74 0.40 0.00	33.93 0.34 0.00	31.41 0.34 0.00
ALLEGHENY___COGEN 23514	37.70 0.41 0.00	29.08 0.65 0.00	25.84 0.26 0.00	24.98 0.17 0.00	24.68 0.29 0.00	24.99 0.15 0.00	26.43 0.11 0.00	24.97 -0.54 0.00	28.38 -0.58 0.00	29.52 -1.55 0.00	28.52 -1.28 0.00	27.15 -1.28 0.00	27.75 -1.40 0.00	28.29 -1.39 0.00	26.17 -1.32 0.00	25.28 -1.16 0.00	32.01 -1.58 0.00	36.97 -1.34 0.00	42.80 -0.70 0.00	43.15 0.13 0.00	40.30 0.91 0.00	37.00 0.65 0.00	34.30 0.71 0.00	31.56 0.50 0.00
ALTAMONT_115KV_TB 2 55880	38.00 0.71 0.00	29.16 0.74 0.00	26.25 0.67 0.00	25.43 0.62 0.00	25.02 0.63 0.00	25.43 0.60 0.00	27.01 0.68 0.00	26.22 0.71 0.00	29.74 0.78 0.00	31.79 0.71 0.00	30.42 0.63 0.00	29.03 0.60 0.00	29.78 0.64 0.00	30.37 0.68 0.00	28.17 0.69 0.00	27.19 0.74 0.00	34.43 0.84 0.00	39.23 0.92 0.00	44.41 0.91 0.00	43.92 0.90 0.00	40.34 0.95 0.00	37.03 0.69 0.00	34.23 0.64 0.00	31.63 0.56 0.00
ALTONA_WT_PWR 323606	37.96 0.67 0.00	28.62 0.20 0.00	25.76 0.18 0.00	25.01 0.20 0.00	24.53 0.15 0.00	25.01 0.18 0.00	26.43 0.11 0.00	25.69 0.18 0.00	29.25 0.29 0.00	31.60 0.53 0.00	30.36 0.56 0.00	28.95 0.51 0.00	29.58 0.44 0.00	30.05 0.36 0.00	27.68 0.19 0.00	26.50 0.05 0.00	33.82 0.24 0.00	38.66 0.34 0.00	44.10 0.61 0.00	43.75 0.73 0.00	39.90 0.51 0.00	36.96 0.62 0.00	34.10 0.50 0.00	31.56 0.50 0.00
AMERICAN_REF_FUEL 24010	35.13 -2.16 0.00	27.29 -1.14 0.00	24.30 -1.28 0.00	23.52 -1.29 0.00	23.22 -1.17 0.00	23.57 -1.27 0.00	24.95 -1.37 0.00	23.36 -2.14 0.00	26.96 -2.00 0.00	28.09 -2.98 0.00	27.56 -2.24 0.00	26.36 -2.07 0.00	26.93 -2.22 0.00	27.58 -2.11 0.00	25.45 -2.03 0.00	24.57 -1.88 0.00	30.76 -2.82 0.00	35.13 -3.18 0.00	39.93 -3.57 0.00	39.62 -3.40 0.00	36.83 -2.56 0.00	33.87 -2.47 0.00	31.61 -1.98 0.00	29.64 -1.43 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.73 -0.56 0.00	28.31 -0.11 0.00	25.17 -0.41 0.00	24.36 -0.45 0.00	24.05 -0.34 0.00	24.44 -0.40 0.00	25.95 -0.37 0.00	24.56 -0.94 0.00	28.44 -0.52 0.00	29.67 -1.40 0.00	29.02 -0.77 0.00	27.72 -0.71 0.00	28.33 -0.82 0.00	28.95 -0.74 0.00	26.72 -0.77 0.00	25.86 -0.58 0.00	32.48 -1.11 0.00	37.13 -1.19 0.00	42.28 -1.22 0.00	41.99 -1.03 0.00	38.92 -0.47 0.00	35.80 -0.54 0.00	33.19 -0.40 0.00	30.63 -0.43 0.00
ARTHUR KILL_GT_1 23520	40.58 3.28 -0.01	31.22 2.79 -0.01	28.02 2.43 -0.01	27.15 2.33 -0.01	26.66 2.27 -0.01	27.08 2.24 -0.01	28.96 2.63 -0.01	28.27 2.75 -0.01	31.92 2.95 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.81 -0.01	32.21 3.06 -0.01	32.84 3.15 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.72 3.63 -1.51	42.42 4.10 -0.01	47.72 4.22 -0.01	46.90 3.87 -0.01	43.06 3.66 -0.01	39.48 3.13 -0.01	36.53 2.92 -0.01	33.84 2.76 -0.01
ARTHUR_KILL_2 23512	40.47 3.17 -0.01	31.13 2.70 -0.01	27.94 2.35 -0.01	27.07 2.26 -0.01	26.59 2.20 -0.01	27.01 2.16 -0.01	28.88 2.55 -0.01	28.19 2.68 -0.01	31.83 2.87 -0.01	33.97 2.89 -0.01	32.55 2.74 -0.01	31.17 2.73 -0.01	32.13 2.97 -0.01	32.73 3.03 -0.01	33.71 2.89 -3.34	35.12 2.91 -5.77	38.59 3.49 -1.51	42.27 3.95 -0.01	47.55 4.05 -0.01	46.73 3.70 -0.01	42.90 3.50 -0.01	39.37 3.01 -0.01	36.42 2.82 -0.01	33.75 2.67 -0.01
ARTHUR_KILL_3 23513	40.05 2.76 0.00	30.81 2.39 0.00	27.68 2.10 0.00	26.82 2.01 0.00	26.34 1.95 0.00	26.75 1.91 0.00	28.56 2.24 0.00	27.90 2.40 0.00	31.59 2.63 0.00	33.77 2.70 0.00	32.30 2.50 0.00	30.99 2.56 0.00	31.91 2.77 0.00	32.54 2.85 0.00	33.51 2.70 -3.33	34.95 2.75 -5.76	38.38 3.29 -1.50	41.99 3.68 0.00	47.28 3.78 0.00	46.46 3.44 0.00	42.66 3.27 0.00	38.99 2.65 0.00	36.05 2.45 0.00	33.40 2.33 0.00

ARTHUR_KILL_COGEN 323718	40.58 3.28 -0.01	31.22 2.79 -0.01	28.02 2.43 -0.01	27.15 2.33 -0.01	26.66 2.27 -0.01	27.08 2.24 -0.01	28.96 2.63 -0.01	28.27 2.76 -0.01	31.92 2.96 -0.01	34.06 2.98 -0.01	32.64 2.83 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.84 3.15 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.72 3.63 -1.51	42.38 4.06 -0.01	47.72 4.22 -0.01	46.90 3.87 -0.01	43.06 3.66 -0.01	39.48 3.13 -0.01	36.52 2.92 -0.01	33.84 2.76 -0.01
ASHOKAN____ 23654	39.75 2.46 0.00	30.58 2.16 0.00	27.47 1.89 0.00	26.55 1.74 0.00	26.12 1.73 0.00	26.53 1.69 0.00	28.19 1.87 0.00	27.34 1.84 0.00	30.90 1.94 0.00	32.91 1.83 0.00	31.53 1.73 0.00	30.02 1.59 0.00	30.83 1.69 0.00	31.41 1.72 0.00	30.82 2.01 -1.33	30.78 2.04 -2.30	36.74 2.55 -0.60	40.99 2.68 0.00	46.58 3.09 0.00	46.38 3.36 0.00	42.54 3.15 0.00	38.92 2.58 0.00	36.01 2.42 0.00	33.21 2.14 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.21 2.91 -0.01	30.99 2.56 -0.01	27.86 2.28 -0.01	26.97 2.16 -0.01	26.52 2.12 -0.01	26.95 2.11 -0.01	28.69 2.37 0.00	27.93 2.42 0.00	31.47 2.52 0.01	33.61 2.55 0.01	32.18 2.38 0.01	30.87 2.45 0.01	31.79 2.65 0.01	32.38 2.70 0.01	33.37 2.56 -3.33	34.81 2.62 -5.75	38.21 3.12 -1.50	41.83 3.52 0.00	47.10 3.61 0.01	46.28 3.27 0.01	42.46 3.07 0.01	39.03 2.69 0.00	36.18 2.59 0.00	33.65 2.58 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	40.21 2.91 -0.01	30.99 2.56 -0.01	27.86 2.28 -0.01	26.97 2.16 -0.01	26.52 2.12 -0.01	26.95 2.11 -0.01	28.69 2.37 0.00	27.93 2.42 0.00	31.47 2.52 0.01	33.61 2.55 0.01	32.18 2.38 0.01	30.87 2.45 0.01	31.79 2.65 0.01	32.38 2.70 0.01	33.37 2.56 -3.33	34.81 2.62 -5.75	38.21 3.12 -1.50	41.83 3.52 0.00	47.10 3.61 0.01	46.28 3.27 0.01	42.42 3.03 0.01	39.03 2.69 0.00	36.18 2.59 0.00	33.65 2.58 -0.01
ASTORIA_GT2_1 24094	40.24 2.95 -0.01	30.99 2.56 -0.01	27.86 2.28 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.96 2.11 -0.01	28.69 2.37 0.00	27.95 2.45 0.00	31.51 2.55 0.00	33.62 2.55 0.00	32.18 2.38 0.00	30.88 2.45 0.00	31.82 2.68 0.00	32.42 2.73 0.00	33.40 2.58 -3.33	34.82 2.62 -5.76	38.21 3.12 -1.50	41.95 3.64 0.00	47.15 3.65 0.00	46.29 3.27 0.00	42.46 3.07 0.00	39.03 2.69 0.00	36.18 2.59 0.00	33.65 2.58 -0.01
ASTORIA_GT2_2 24095	40.24 2.95 -0.01	30.99 2.56 -0.01	27.86 2.28 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.96 2.11 -0.01	28.69 2.37 0.00	27.95 2.45 0.00	31.51 2.55 0.00	33.62 2.55 0.00	32.18 2.38 0.00	30.88 2.45 0.00	31.82 2.68 0.00	32.42 2.73 0.00	33.40 2.58 -3.33	34.82 2.62 -5.76	38.21 3.12 -1.50	41.95 3.64 0.00	47.15 3.65 0.00	46.29 3.27 0.00	42.46 3.07 0.00	39.03 2.69 0.00	36.18 2.59 0.00	33.65 2.58 -0.01
ASTORIA_GT2_3 24096	40.24 2.95 -0.01	30.99 2.56 -0.01	27.86 2.28 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.96 2.11 -0.01	28.69 2.37 0.00	27.95 2.45 0.00	31.51 2.55 0.00	33.62 2.55 0.00	32.18 2.38 0.00	30.88 2.45 0.00	31.82 2.68 0.00	32.42 2.73 0.00	33.40 2.58 -3.33	34.82 2.62 -5.76	38.21 3.12 -1.50	41.95 3.64 0.00	47.15 3.65 0.00	46.29 3.27 0.00	42.46 3.07 0.00	39.03 2.69 0.00	36.18 2.59 0.00	33.65 2.58 -0.01
ASTORIA_GT2_4 24097	40.24 2.95 -0.01	30.99 2.56 -0.01	27.86 2.28 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.96 2.11 -0.01	28.69 2.37 0.00	27.95 2.45 0.00	31.51 2.55 0.00	33.62 2.55 0.00	32.18 2.38 0.00	30.88 2.45 0.00	31.82 2.68 0.00	32.42 2.73 0.00	33.40 2.58 -3.33	34.82 2.62 -5.76	38.21 3.12 -1.50	41.95 3.64 0.00	47.15 3.65 0.00	46.29 3.27 0.00	42.46 3.07 0.00	39.03 2.69 0.00	36.18 2.59 0.00	33.65 2.58 -0.01
ASTORIA_GT3_1 24098	40.24 2.95 -0.01	30.99 2.56 -0.01	27.86 2.28 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.96 2.11 -0.01	28.69 2.37 0.00	27.95 2.45 0.00	31.51 2.55 0.00	33.62 2.55 0.00	32.18 2.38 0.00	30.88 2.45 0.00	31.82 2.68 0.00	32.42 2.73 0.00	33.40 2.58 -3.33	34.82 2.62 -5.76	38.21 3.12 -1.50	41.95 3.64 0.00	47.15 3.65 0.00	46.29 3.27 0.00	42.46 3.07 0.00	39.03 2.69 0.00	36.18 2.59 0.00	33.65 2.58 -0.01
ASTORIA_GT3_2 24099	40.24 2.95 -0.01	30.99 2.56 -0.01	27.86 2.28 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.96 2.11 -0.01	28.69 2.37 0.00	27.95 2.45 0.00	31.51 2.55 0.00	33.62 2.55 0.00	32.18 2.38 0.00	30.88 2.45 0.00	31.82 2.68 0.00	32.42 2.73 0.00	33.40 2.58 -3.33	34.82 2.62 -5.76	38.21 3.12 -1.50	41.95 3.64 0.00	47.15 3.65 0.00	46.29 3.27 0.00	42.46 3.07 0.00	39.03 2.69 0.00	36.18 2.59 0.00	33.65 2.58 -0.01
ASTORIA_GT3_3 24100	40.24 2.95 -0.01	30.99 2.56 -0.01	27.86 2.28 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.96 2.11 -0.01	28.69 2.37 0.00	27.95 2.45 0.00	31.51 2.55 0.00	33.62 2.55 0.00	32.18 2.38 0.00	30.88 2.45 0.00	31.82 2.68 0.00	32.42 2.73 0.00	33.40 2.58 -3.33	34.82 2.62 -5.76	38.21 3.12 -1.50	41.95 3.64 0.00	47.15 3.65 0.00	46.29 3.27 0.00	42.46 3.07 0.00	39.03 2.69 0.00	36.18 2.59 0.00	33.65 2.58 -0.01
ASTORIA_GT3_4 24101	40.24 2.95 -0.01	30.99 2.56 -0.01	27.86 2.28 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.96 2.11 -0.01	28.69 2.37 0.00	27.95 2.45 0.00	31.51 2.55 0.00	33.62 2.55 0.00	32.18 2.38 0.00	30.88 2.45 0.00	31.82 2.68 0.00	32.42 2.73 0.00	33.40 2.58 -3.33	34.82 2.62 -5.76	38.21 3.12 -1.50	41.95 3.64 0.00	47.15 3.65 0.00	46.29 3.27 0.00	42.46 3.07 0.00	39.03 2.69 0.00	36.18 2.59 0.00	33.65 2.58 -0.01
ASTORIA_GT4_1 24102	40.24 2.95 -0.01	30.99 2.56 -0.01	27.86 2.28 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.96 2.11 -0.01	28.69 2.37 0.00	27.95 2.45 0.00	31.51 2.55 0.00	33.62 2.55 0.00	32.18 2.38 0.00	30.88 2.45 0.00	31.82 2.68 0.00	32.42 2.73 0.00	33.40 2.58 -3.33	34.82 2.62 -5.76	38.21 3.12 -1.50	41.95 3.64 0.00	47.15 3.65 0.00	46.29 3.27 0.00	42.46 3.07 0.00	39.03 2.69 0.00	36.18 2.59 0.00	33.65 2.58 -0.01
ASTORIA_GT4_2 24103	40.24 2.95 -0.01	30.99 2.56 -0.01	27.86 2.28 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.96 2.11 -0.01	28.69 2.37 0.00	27.95 2.45 0.00	31.51 2.55 0.00	33.62 2.55 0.00	32.18 2.38 0.00	30.88 2.45 0.00	31.82 2.68 0.00	32.42 2.73 0.00	33.40 2.58 -3.33	34.82 2.62 -5.76	38.21 3.12 -1.50	41.95 3.64 0.00	47.15 3.65 0.00	46.29 3.27 0.00	42.46 3.07 0.00	39.03 2.69 0.00	36.18 2.59 0.00	33.65 2.58 -0.01
ASTORIA_GT4_3 24104	40.24 2.95 -0.01	30.99 2.56 -0.01	27.86 2.28 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.96 2.11 -0.01	28.69 2.37 0.00	27.95 2.45 0.00	31.51 2.55 0.00	33.62 2.55 0.00	32.18 2.38 0.00	30.88 2.45 0.00	31.82 2.68 0.00	32.42 2.73 0.00	33.40 2.58 -3.33	34.82 2.62 -5.76	38.21 3.12 -1.50	41.95 3.64 0.00	47.15 3.65 0.00	46.29 3.27 0.00	42.46 3.07 0.00	39.03 2.69 0.00	36.18 2.59 0.00	33.65 2.58 -0.01

ASTORIA_GT4_4 24105	40.24 2.95 -0.01	30.99 2.56 -0.01	27.86 2.28 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.96 2.11 -0.01	28.69 2.37 0.00	27.95 2.45 0.00	31.51 2.55 0.00	33.62 2.55 0.00	32.18 2.38 0.00	30.88 2.45 0.00	31.82 2.68 0.00	32.42 2.73 0.00	33.40 2.58 -3.33	34.82 2.62 -5.76	38.21 3.12 -1.50	41.95 3.64 0.00	47.15 3.65 0.00	46.29 3.27 0.00	42.46 3.07 0.00	39.03 2.69 0.00	36.18 2.59 0.00	33.65 2.58 -0.01
ASTORIA_GT_1 23523	40.32 3.02 -0.01	31.05 2.62 -0.01	27.92 2.33 -0.01	27.02 2.21 -0.01	26.56 2.17 -0.01	27.01 2.16 -0.01	28.74 2.42 0.00	27.98 2.47 0.00	31.54 2.58 0.00	33.68 2.61 0.00	32.24 2.44 0.00	30.93 2.50 0.00	31.88 2.74 0.00	32.48 2.79 0.00	33.46 2.64 -3.33	34.87 2.67 -5.76	38.28 3.19 -1.50	42.03 3.72 0.00	47.24 3.74 0.00	46.37 3.36 0.00	42.54 3.15 0.00	39.10 2.76 0.00	36.25 2.65 0.00	33.71 2.64 -0.01
ASTORIA_GT_10 24110	40.27 2.98 0.00	31.02 2.59 -0.01	27.89 2.30 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.96 2.11 -0.01	28.74 2.42 0.00	28.03 2.53 0.00	31.65 2.69 0.00	33.81 2.73 0.00	32.36 2.56 0.00	31.05 2.62 0.00	31.97 2.83 0.00	32.57 2.88 0.00	33.57 2.75 -3.33	34.98 2.78 -5.76	38.38 3.29 -1.50	42.03 3.72 0.00	47.28 3.78 0.00	46.46 3.44 0.00	42.66 3.27 0.00	39.14 2.80 0.00	36.21 2.62 0.00	33.62 2.55 -0.01
ASTORIA_GT_11 24225	40.27 2.98 0.00	31.02 2.59 -0.01	27.89 2.30 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.96 2.11 -0.01	28.74 2.42 0.00	28.03 2.53 0.00	31.65 2.69 0.00	33.81 2.73 0.00	32.36 2.56 0.00	31.05 2.62 0.00	31.97 2.83 0.00	32.57 2.88 0.00	33.57 2.75 -3.33	34.98 2.78 -5.76	38.38 3.29 -1.50	42.03 3.72 0.00	47.28 3.78 0.00	46.46 3.44 0.00	42.66 3.27 0.00	39.14 2.80 0.00	36.21 2.62 0.00	33.62 2.55 -0.01
ASTORIA_GT_12 24226	40.27 2.98 0.00	31.02 2.59 -0.01	27.89 2.30 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.96 2.11 -0.01	28.74 2.42 0.00	28.03 2.53 0.00	31.65 2.69 0.00	33.81 2.73 0.00	32.36 2.56 0.00	31.05 2.62 0.00	31.97 2.83 0.00	32.57 2.88 0.00	33.57 2.75 -3.33	34.98 2.78 -5.76	38.38 3.29 -1.50	42.03 3.72 0.00	47.28 3.78 0.00	46.46 3.44 0.00	42.66 3.27 0.00	39.14 2.80 0.00	36.21 2.62 0.00	33.62 2.55 -0.01
ASTORIA_GT_13 24227	40.27 2.98 0.00	31.02 2.59 -0.01	27.89 2.30 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.96 2.11 -0.01	28.74 2.42 0.00	28.03 2.53 0.00	31.65 2.69 0.00	33.81 2.73 0.00	32.36 2.56 0.00	31.05 2.62 0.00	31.97 2.83 0.00	32.57 2.88 0.00	33.57 2.75 -3.33	34.98 2.78 -5.76	38.38 3.29 -1.50	42.03 3.72 0.00	47.28 3.78 0.00	46.46 3.44 0.00	42.66 3.27 0.00	39.14 2.80 0.00	36.21 2.62 0.00	33.62 2.55 -0.01
ASTORIA_GT_5 24106	40.32 3.02 -0.01	31.05 2.62 -0.01	27.92 2.33 -0.01	27.02 2.21 -0.01	26.56 2.17 -0.01	27.01 2.16 -0.01	28.74 2.42 0.00	27.98 2.47 0.00	31.54 2.58 0.00	33.68 2.61 0.00	32.24 2.44 0.00	30.93 2.50 0.00	31.88 2.74 0.00	32.48 2.79 0.00	33.46 2.64 -3.33	34.87 2.67 -5.76	38.28 3.19 -1.50	42.03 3.72 0.00	47.24 3.74 0.00	46.37 3.36 0.00	42.54 3.15 0.00	39.10 2.76 0.00	36.25 2.65 0.00	33.71 2.64 -0.01
ASTORIA_GT_7 24107	40.32 3.02 -0.01	31.05 2.62 -0.01	27.92 2.33 -0.01	27.02 2.21 -0.01	26.56 2.17 -0.01	27.01 2.16 -0.01	28.74 2.42 0.00	27.98 2.47 0.00	31.54 2.58 0.00	33.68 2.61 0.00	32.24 2.44 0.00	30.93 2.50 0.00	31.88 2.74 0.00	32.48 2.79 0.00	33.46 2.64 -3.33	34.87 2.67 -5.76	38.28 3.19 -1.50	42.03 3.72 0.00	47.24 3.74 0.00	46.37 3.36 0.00	42.54 3.15 0.00	39.10 2.76 0.00	36.25 2.65 0.00	33.71 2.64 -0.01
ASTORIA_GT_8 24108	40.32 3.02 -0.01	31.05 2.62 -0.01	27.92 2.33 -0.01	27.02 2.21 -0.01	26.56 2.17 -0.01	27.01 2.16 -0.01	28.74 2.42 0.00	27.98 2.47 0.00	31.54 2.58 0.00	33.68 2.61 0.00	32.24 2.44 0.00	30.93 2.50 0.00	31.88 2.74 0.00	32.48 2.79 0.00	33.46 2.64 -3.33	34.87 2.67 -5.76	38.28 3.19 -1.50	42.03 3.72 0.00	47.24 3.74 0.00	46.37 3.36 0.00	42.54 3.15 0.00	39.10 2.76 0.00	36.25 2.65 0.00	33.71 2.64 -0.01
ASTORIA___2 24149	40.24 2.95 -0.01	30.99 2.56 -0.01	27.86 2.28 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.95 2.11 -0.01	28.69 2.37 0.00	27.93 2.42 0.00	31.50 2.55 0.01	33.61 2.55 0.01	32.18 2.38 0.01	30.87 2.45 0.01	31.81 2.68 0.01	32.41 2.73 0.01	33.39 2.58 -3.33	34.81 2.62 -5.75	38.21 3.12 -1.50	41.88 3.56 0.00	47.14 3.65 0.01	46.28 3.27 0.01	42.46 3.07 0.01	39.03 2.69 0.00	36.18 2.59 0.00	33.65 2.58 -0.01
ASTORIA___3 23516	40.27 2.98 0.00	31.02 2.59 -0.01	27.89 2.30 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.95 2.11 -0.01	28.74 2.42 0.00	28.03 2.53 0.00	31.65 2.69 0.00	33.81 2.74 0.00	32.36 2.56 0.00	31.05 2.61 0.00	31.97 2.83 0.00	32.57 2.88 0.00	33.57 2.75 -3.33	34.98 2.78 -5.76	38.38 3.29 -1.50	42.03 3.72 0.00	47.27 3.78 0.01	46.45 3.44 0.01	42.65 3.27 0.01	39.14 2.80 0.00	36.22 2.62 0.00	33.62 2.55 -0.01
ASTORIA___4 23517	40.27 2.98 0.00	31.02 2.59 -0.01	27.89 2.30 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.96 2.11 -0.01	28.74 2.42 0.00	28.03 2.53 0.00	31.65 2.69 0.00	33.81 2.73 0.00	32.36 2.56 0.00	31.05 2.62 0.00	31.97 2.83 0.00	32.57 2.88 0.00	33.57 2.75 -3.33	34.98 2.78 -5.76	38.38 3.29 -1.50	42.03 3.72 0.00	47.28 3.78 0.00	46.46 3.44 0.00	42.66 3.27 0.00	39.14 2.80 0.00	36.21 2.62 0.00	33.62 2.55 -0.01
ASTORIA___5 23518	40.27 2.98 0.00	31.02 2.59 -0.01	27.89 2.30 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.95 2.11 -0.01	28.74 2.42 0.00	28.03 2.53 0.00	31.65 2.69 0.00	33.81 2.74 0.00	32.36 2.56 0.00	31.05 2.61 0.00	31.97 2.83 0.00	32.57 2.88 0.00	33.57 2.75 -3.33	34.98 2.78 -5.76	38.38 3.29 -1.50	42.03 3.72 0.00	47.27 3.78 0.01	46.45 3.44 0.01	42.65 3.27 0.01	39.14 2.80 0.00	36.22 2.62 0.00	33.62 2.55 -0.01
AST_ENERGY_2_CC3 323677	30.92 2.83 9.20	28.81 2.41 2.03	27.73 2.15 0.00	26.84 2.03 0.00	26.39 2.00 0.00	26.80 1.96 0.00	28.60 2.29 0.01	27.92 2.42 0.01	28.81 2.66 2.81	28.81 2.74 5.00	29.89 2.53 2.44	29.89 2.56 1.10	29.89 2.80 2.05	29.89 2.85 2.65	29.89 2.72 0.32	29.89 2.75 -0.69	29.89 3.29 6.99	29.89 3.68 12.10	33.25 3.83 14.07	33.44 3.48 13.06	29.90 3.31 12.80	30.46 2.69 8.57	31.39 2.49 4.69	31.11 2.36 2.32
AST_ENERGY_2_CC4 323678	30.92 2.83 9.20	28.81 2.41 2.03	27.73 2.15 0.00	26.84 2.03 0.00	26.39 2.00 0.00	26.80 1.96 0.00	28.60 2.29 0.01	27.92 2.42 0.01	28.81 2.66 2.81	28.81 2.74 5.00	29.89 2.53 2.44	29.89 2.56 1.10	29.89 2.80 2.05	29.89 2.85 2.65	29.89 2.72 0.32	29.89 2.75 -0.69	29.89 3.29 6.99	29.89 3.68 12.10	33.25 3.83 14.07	33.44 3.48 13.06	29.90 3.31 12.80	30.46 2.69 8.57	31.39 2.49 4.69	31.11 2.36 2.32

ATHENS_STG_1 23668	38.33 1.04 0.00	29.45 1.02 0.00	26.58 1.00 0.00	25.75 0.94 0.00	25.34 0.95 0.00	25.76 0.92 0.00	27.38 1.05 0.00	26.60 1.10 0.00	30.15 1.19 0.00	32.25 1.18 0.00	30.81 1.01 0.00	29.40 0.97 0.00	30.19 1.05 0.00	30.79 1.10 0.00	27.09 1.07 1.47	25.08 1.16 2.53	34.20 1.28 0.66	39.73 1.42 0.00	44.93 1.43 0.00	44.31 1.29 0.00	40.73 1.34 0.00	37.36 1.02 0.00	34.53 0.94 0.00	31.93 0.87 0.00
ATHENS_STG_2 23670	38.33 1.04 0.00	29.45 1.02 0.00	26.58 1.00 0.00	25.75 0.94 0.00	25.34 0.95 0.00	25.76 0.92 0.00	27.38 1.05 0.00	26.60 1.10 0.00	30.15 1.19 0.00	32.25 1.18 0.00	30.81 1.01 0.00	29.40 0.97 0.00	30.19 1.05 0.00	30.79 1.10 0.00	27.09 1.07 1.47	25.08 1.16 2.53	34.20 1.28 0.66	39.73 1.42 0.00	44.93 1.43 0.00	44.31 1.29 0.00	40.73 1.34 0.00	37.36 1.02 0.00	34.53 0.94 0.00	31.93 0.87 0.00
ATHENS_STG_3 23677	38.33 1.04 0.00	29.45 1.02 0.00	26.58 1.00 0.00	25.75 0.94 0.00	25.34 0.95 0.00	25.76 0.92 0.00	27.38 1.05 0.00	26.60 1.10 0.00	30.15 1.19 0.00	32.25 1.18 0.00	30.81 1.01 0.00	29.40 0.97 0.00	30.19 1.05 0.00	30.79 1.10 0.00	27.09 1.07 1.47	25.08 1.16 2.53	34.20 1.28 0.66	39.73 1.42 0.00	44.93 1.43 0.00	44.31 1.29 0.00	40.73 1.34 0.00	37.36 1.02 0.00	34.53 0.94 0.00	31.93 0.87 0.00
AUBURN____LFGE 323710	36.99 -0.30 0.00	28.37 -0.06 0.00	25.45 -0.13 0.00	24.66 -0.15 0.00	24.29 -0.10 0.00	24.71 -0.12 0.00	26.19 -0.13 0.00	25.20 -0.31 0.00	28.73 -0.23 0.00	30.54 -0.53 0.00	29.35 -0.45 0.00	28.03 -0.40 0.00	28.68 -0.47 0.00	29.21 -0.48 0.00	27.07 -0.41 0.00	26.13 -0.32 0.00	33.12 -0.47 0.00	37.82 -0.50 0.00	43.10 -0.39 0.00	42.72 -0.30 0.00	39.35 -0.04 0.00	36.23 -0.11 0.00	33.46 -0.13 0.00	30.85 -0.22 0.00
BABYLON_RES_REC 323704	40.73 3.39 -0.05	34.25 2.90 -2.92	29.01 2.61 -0.82	27.85 2.48 -0.56	27.56 2.44 -0.73	27.29 2.44 -0.02	30.21 2.76 -1.12	29.56 2.83 -1.22	33.20 3.16 -1.08	38.60 3.20 -4.32	37.05 3.04 -4.21	37.39 2.82 -6.14	37.66 3.00 -5.51	37.80 3.06 -5.05	38.58 2.86 -8.23	38.77 2.88 -9.44	39.38 3.46 -2.34	42.79 3.91 -0.57	47.96 4.27 -0.20	46.59 3.57 0.00	43.09 3.62 -0.07	39.67 2.94 -0.38	36.56 2.96 -0.01	34.82 2.86 -0.90
BALL_HILL_WT_PWR 323825	36.29 -1.01 0.00	28.00 -0.43 0.00	24.89 -0.69 0.00	24.09 -0.72 0.00	23.78 -0.61 0.00	24.17 -0.67 0.00	25.64 -0.68 0.00	24.26 -1.25 0.00	28.03 -0.93 0.00	29.27 -1.80 0.00	28.64 -1.16 0.00	27.35 -1.08 0.00	27.95 -1.20 0.00	28.59 -1.10 0.00	26.41 -1.07 0.00	25.55 -0.90 0.00	32.07 -1.51 0.00	36.63 -1.68 0.00	41.71 -1.79 0.00	41.39 -1.63 0.00	38.41 -0.98 0.00	35.33 -1.02 0.00	32.86 -0.74 0.00	30.45 -0.62 0.00
BARON_WINDS____WT_PWR 323822	36.80 -0.49 0.00	28.34 -0.09 0.00	25.27 -0.31 0.00	24.44 -0.37 0.00	24.10 -0.29 0.00	24.49 -0.35 0.00	25.95 -0.37 0.00	24.67 -0.84 0.00	28.21 -0.75 0.00	29.58 -1.49 0.00	28.70 -1.10 0.00	27.35 -1.08 0.00	27.98 -1.17 0.00	28.56 -1.13 0.00	26.41 -1.07 0.00	25.52 -0.93 0.00	32.24 -1.34 0.00	36.90 -1.42 0.00	42.19 -1.30 0.00	42.03 -0.99 0.00	39.04 -0.36 0.00	35.91 -0.43 0.00	33.29 -0.30 0.00	30.82 -0.25 0.00
BARRETT_IC_1 23704	40.44 3.13 -0.02	33.37 2.61 -2.33	27.99 2.38 -0.03	27.11 2.28 -0.02	26.65 2.24 -0.03	27.14 2.28 -0.02	28.90 2.55 -0.03	28.18 2.63 -0.04	31.94 2.96 -0.03	37.99 2.92 -4.00	73.71 2.77 -41.14	36.58 2.56 -5.59	36.34 2.65 -4.54	36.29 2.70 -3.90	37.26 2.56 -7.22	37.55 2.56 -8.54	38.15 3.06 -1.51	41.84 3.52 -0.01	47.28 3.78 0.00	46.20 3.18 0.00	42.62 3.23 0.00	38.96 2.62 0.00	36.09 2.49 -0.01	34.29 2.39 -0.83
BARRETT_IC_10 23701	40.44 3.13 -0.02	33.37 2.61 -2.33	27.99 2.38 -0.03	27.11 2.28 -0.02	26.65 2.24 -0.03	27.14 2.28 -0.02	28.90 2.55 -0.03	28.18 2.63 -0.04	31.94 2.96 -0.03	37.99 2.92 -4.00	73.71 2.77 -41.14	36.58 2.56 -5.59	36.34 2.65 -4.54	36.29 2.70 -3.90	37.26 2.56 -7.22	37.55 2.56 -8.54	38.15 3.06 -1.51	41.84 3.52 -0.01	47.28 3.78 0.00	46.20 3.18 0.00	42.62 3.23 0.00	38.96 2.62 0.00	36.09 2.49 -0.01	34.29 2.39 -0.83
BARRETT_IC_11 23702	40.44 3.13 -0.02	33.37 2.61 -2.33	27.99 2.38 -0.03	27.11 2.28 -0.02	26.65 2.24 -0.03	27.14 2.28 -0.02	28.90 2.55 -0.03	28.18 2.63 -0.04	31.94 2.96 -0.03	37.99 2.92 -4.00	73.71 2.77 -41.14	36.58 2.56 -5.59	36.34 2.65 -4.54	36.29 2.70 -3.90	37.26 2.56 -7.22	37.55 2.56 -8.54	38.15 3.06 -1.51	41.84 3.52 -0.01	47.28 3.78 0.00	46.20 3.18 0.00	42.62 3.23 0.00	38.96 2.62 0.00	36.09 2.49 -0.01	34.29 2.39 -0.83
BARRETT_IC_12 23703	40.44 3.13 -0.02	33.37 2.61 -2.33	27.99 2.38 -0.03	27.11 2.28 -0.02	26.65 2.24 -0.03	27.14 2.28 -0.02	28.90 2.55 -0.03	28.18 2.63 -0.04	31.94 2.96 -0.03	37.99 2.92 -4.00	73.71 2.77 -41.14	36.58 2.56 -5.59	36.34 2.65 -4.54	36.29 2.70 -3.90	37.26 2.56 -7.22	37.55 2.56 -8.54	38.15 3.06 -1.51	41.84 3.52 -0.01	47.28 3.78 0.00	46.20 3.18 0.00	42.62 3.23 0.00	38.96 2.62 0.00	36.09 2.49 -0.01	34.29 2.39 -0.83
BARRETT_IC_2 23705	40.44 3.13 -0.02	33.37 2.61 -2.33	27.99 2.38 -0.03	27.11 2.28 -0.02	26.65 2.24 -0.03	27.14 2.28 -0.02	28.90 2.55 -0.03	28.18 2.63 -0.04	31.94 2.96 -0.03	37.99 2.92 -4.00	73.71 2.77 -41.14	36.58 2.56 -5.59	36.34 2.65 -4.54	36.29 2.70 -3.90	37.26 2.56 -7.22	37.55 2.56 -8.54	38.15 3.06 -1.51	41.84 3.52 -0.01	47.28 3.78 0.00	46.20 3.18 0.00	42.62 3.23 0.00	38.96 2.62 0.00	36.09 2.49 -0.01	34.29 2.39 -0.83
BARRETT_IC_3 23706	40.44 3.13 -0.02	33.37 2.61 -2.33	27.99 2.38 -0.03	27.11 2.28 -0.02	26.65 2.24 -0.03	27.14 2.28 -0.02	28.90 2.55 -0.03	28.18 2.63 -0.04	31.94 2.96 -0.03	37.99 2.92 -4.00	73.71 2.77 -41.14	36.58 2.56 -5.59	36.34 2.65 -4.54	36.29 2.70 -3.90	37.26 2.56 -7.22	37.55 2.56 -8.54	38.15 3.06 -1.51	41.84 3.52 -0.01	47.28 3.78 0.00	46.20 3.18 0.00	42.62 3.23 0.00	38.96 2.62 0.00	36.09 2.49 -0.01	34.29 2.39 -0.83
BARRETT_IC_4 23707	40.44 3.13 -0.02	33.37 2.61 -2.33	27.99 2.38 -0.03	27.11 2.28 -0.02	26.65 2.24 -0.03	27.14 2.28 -0.02	28.90 2.55 -0.03	28.18 2.63 -0.04	31.94 2.96 -0.03	37.99 2.92 -4.00	73.71 2.77 -41.14	36.58 2.56 -5.59	36.34 2.65 -4.54	36.29 2.70 -3.90	37.26 2.56 -7.22	37.55 2.56 -8.54	38.15 3.06 -1.51	41.84 3.52 -0.01	47.28 3.78 0.00	46.20 3.18 0.00	42.62 3.23 0.00	38.96 2.62 0.00	36.09 2.49 -0.01	34.29 2.39 -0.83
BARRETT_IC_5 23708	40.44 3.13 -0.02	33.37 2.61 -2.33	27.99 2.38 -0.03	27.11 2.28 -0.02	26.65 2.24 -0.03	27.14 2.28 -0.02	28.90 2.55 -0.03	28.18 2.63 -0.04	31.94 2.96 -0.03	37.99 2.92 -4.00	73.71 2.77 -41.14	36.58 2.56 -5.59	36.34 2.65 -4.54	36.29 2.70 -3.90	37.26 2.56 -7.22	37.55 2.56 -8.54	38.15 3.06 -1.51	41.84 3.52 -0.01	47.28 3.78 0.00	46.20 3.18 0.00	42.62 3.23 0.00	38.96 2.62 0.00	36.09 2.49 -0.01	34.29 2.39 -0.83

BARRETT_IC_6 23709	40.44 3.13 -0.02	33.37 2.61 -2.33	27.99 2.38 -0.03	27.11 2.28 -0.02	26.65 2.24 -0.03	27.14 2.28 -0.02	28.90 2.55 -0.03	28.18 2.63 -0.04	31.94 2.96 -0.03	37.99 2.92 -4.00	73.71 2.77 -41.14	36.58 2.56 -5.59	36.34 2.65 -4.54	36.29 2.70 -3.90	37.26 2.56 -7.22	37.55 2.56 -8.54	38.15 3.06 -1.51	41.84 3.52 -0.01	47.28 3.78 0.00	46.20 3.18 0.00	42.62 3.23 0.00	38.96 2.62 0.00	36.09 2.49 -0.01	34.29 2.39 -0.83
BARRETT_IC_7 23710	40.43 3.13 -0.01	33.37 2.62 -2.33	27.98 2.38 -0.02	27.11 2.28 -0.02	26.65 2.24 -0.02	27.13 2.29 -0.01	28.90 2.55 -0.03	28.18 2.63 -0.04	31.94 2.95 -0.03	37.99 2.92 -4.00	73.71 2.77 -41.14	36.58 2.56 -5.59	36.34 2.65 -4.54	36.29 2.70 -3.90	37.26 2.56 -7.22	37.55 2.57 -8.54	38.15 3.06 -1.51	41.89 3.56 -0.01	47.28 3.78 0.00	46.20 3.18 0.00	42.62 3.23 0.00	38.96 2.62 0.00	36.09 2.49 -0.01	34.29 2.39 -0.83
BARRETT_IC_8 23711	40.44 3.13 -0.02	33.37 2.61 -2.33	27.99 2.38 -0.03	27.11 2.28 -0.02	26.65 2.24 -0.03	27.14 2.28 -0.02	28.90 2.55 -0.03	28.18 2.63 -0.04	31.94 2.96 -0.03	37.99 2.92 -4.00	73.71 2.77 -41.14	36.58 2.56 -5.59	36.34 2.65 -4.54	36.29 2.70 -3.90	37.26 2.56 -7.22	37.55 2.56 -8.54	38.15 3.06 -1.51	41.84 3.52 -0.01	47.28 3.78 0.00	46.20 3.18 0.00	42.62 3.23 0.00	38.96 2.62 0.00	36.09 2.49 -0.01	34.29 2.39 -0.83
BARRETT_IC_9 23700	40.44 3.13 -0.02	33.37 2.61 -2.33	27.99 2.38 -0.03	27.11 2.28 -0.02	26.65 2.24 -0.03	27.14 2.28 -0.02	28.90 2.55 -0.03	28.18 2.63 -0.04	31.94 2.96 -0.03	37.99 2.92 -4.00	73.71 2.77 -41.14	36.58 2.56 -5.59	36.34 2.65 -4.54	36.29 2.70 -3.90	37.26 2.56 -7.22	37.55 2.56 -8.54	38.15 3.06 -1.51	41.84 3.52 -0.01	47.28 3.78 0.00	46.20 3.18 0.00	42.62 3.23 0.00	38.96 2.62 0.00	36.09 2.49 -0.01	34.29 2.39 -0.83
BARRETT___1 23545	40.44 3.13 -0.02	33.37 2.61 -2.33	27.99 2.38 -0.03	27.11 2.28 -0.02	26.65 2.24 -0.03	27.14 2.28 -0.02	28.90 2.55 -0.03	28.18 2.63 -0.04	31.94 2.96 -0.03	37.99 2.92 -4.00	73.71 2.77 -41.14	36.58 2.56 -5.59	36.34 2.65 -4.54	36.29 2.70 -3.90	37.26 2.56 -7.22	37.55 2.56 -8.54	38.15 3.06 -1.51	41.84 3.52 -0.01	47.28 3.78 0.00	46.20 3.18 0.00	42.62 3.23 0.00	38.96 2.62 0.00	36.09 2.49 -0.01	34.29 2.39 -0.83
BARRETT___2 23546	40.44 3.13 -0.02	33.37 2.61 -2.33	27.99 2.38 -0.03	27.11 2.28 -0.02	26.65 2.24 -0.03	27.14 2.28 -0.02	28.90 2.55 -0.03	28.18 2.63 -0.04	31.94 2.96 -0.03	37.99 2.92 -4.00	73.71 2.77 -41.14	36.58 2.56 -5.59	36.34 2.65 -4.54	36.29 2.70 -3.90	37.26 2.56 -7.22	37.55 2.56 -8.54	38.15 3.06 -1.51	41.84 3.52 -0.01	47.28 3.78 0.00	46.20 3.18 0.00	42.62 3.23 0.00	38.96 2.62 0.00	36.09 2.49 -0.01	34.29 2.39 -0.83
BATAVIA___115KV_TB1 55881	36.66 -0.63 0.00	28.37 -0.06 0.00	25.20 -0.38 0.00	24.39 -0.42 0.00	24.09 -0.29 0.00	24.39 -0.45 0.00	25.82 -0.50 0.00	24.33 -1.17 0.00	28.03 -0.93 0.00	29.30 -1.77 0.00	28.67 -1.13 0.00	27.35 -1.08 0.00	27.92 -1.22 0.00	28.59 -1.10 0.00	26.47 -1.02 0.00	25.63 -0.82 0.00	32.21 -1.38 0.00	36.86 -1.46 0.00	42.15 -1.35 0.00	41.90 -1.12 0.00	38.88 -0.51 0.00	35.69 -0.65 0.00	33.19 -0.40 0.00	30.79 -0.28 0.00
BAYONEEC___CTG1 323682	40.16 2.87 0.00	30.90 2.47 0.00	27.75 2.17 0.00	26.89 2.08 0.00	26.41 2.02 0.00	26.83 1.99 0.00	28.66 2.34 0.00	27.98 2.47 0.00	31.68 2.72 0.00	33.87 2.80 0.00	32.39 2.59 0.00	31.05 2.61 0.00	32.00 2.86 0.00	32.60 2.91 0.00	33.59 2.77 -3.33	35.03 2.83 -5.76	38.45 3.36 -1.50	42.07 3.76 0.00	47.41 3.92 0.00	46.55 3.53 0.00	42.78 3.39 0.00	39.10 2.76 0.00	36.15 2.55 0.00	33.49 2.42 0.00
BAYONEEC___CTG10 323750	40.16 2.87 0.00	30.90 2.47 0.00	27.75 2.17 0.00	26.89 2.08 0.00	26.41 2.02 0.00	26.83 1.99 0.00	28.66 2.34 0.00	27.98 2.47 0.00	31.68 2.72 0.00	33.87 2.80 0.00	32.39 2.59 0.00	31.05 2.61 0.00	32.00 2.86 0.00	32.60 2.91 0.00	33.59 2.77 -3.33	35.03 2.83 -5.76	38.45 3.36 -1.50	42.07 3.76 0.00	47.41 3.92 0.00	46.55 3.53 0.00	42.78 3.39 0.00	39.10 2.76 0.00	36.15 2.55 0.00	33.49 2.42 0.00
BAYONEEC___CTG2 323683	40.16 2.87 0.00	30.90 2.47 0.00	27.75 2.17 0.00	26.89 2.08 0.00	26.41 2.02 0.00	26.83 1.99 0.00	28.66 2.34 0.00	27.98 2.47 0.00	31.68 2.72 0.00	33.87 2.80 0.00	32.39 2.59 0.00	31.05 2.61 0.00	32.00 2.86 0.00	32.60 2.91 0.00	33.59 2.77 -3.33	35.03 2.83 -5.76	38.45 3.36 -1.50	42.07 3.76 0.00	47.41 3.92 0.00	46.55 3.53 0.00	42.78 3.39 0.00	39.10 2.76 0.00	36.15 2.55 0.00	33.49 2.42 0.00
BAYONEEC___CTG3 323684	40.16 2.87 0.00	30.90 2.47 0.00	27.75 2.17 0.00	26.89 2.08 0.00	26.41 2.02 0.00	26.83 1.99 0.00	28.66 2.34 0.00	27.98 2.47 0.00	31.68 2.72 0.00	33.87 2.80 0.00	32.39 2.59 0.00	31.05 2.61 0.00	32.00 2.86 0.00	32.60 2.91 0.00	33.59 2.77 -3.33	35.03 2.83 -5.76	38.45 3.36 -1.50	42.07 3.76 0.00	47.41 3.92 0.00	46.55 3.53 0.00	42.78 3.39 0.00	39.10 2.76 0.00	36.15 2.55 0.00	33.49 2.42 0.00
BAYONEEC___CTG4 323685	40.16 2.87 0.00	30.90 2.47 0.00	27.75 2.17 0.00	26.89 2.08 0.00	26.41 2.02 0.00	26.83 1.99 0.00	28.66 2.34 0.00	27.98 2.47 0.00	31.68 2.72 0.00	33.87 2.80 0.00	32.39 2.59 0.00	31.05 2.61 0.00	32.00 2.86 0.00	32.60 2.91 0.00	33.59 2.77 -3.33	35.03 2.83 -5.76	38.45 3.36 -1.50	42.07 3.76 0.00	47.41 3.92 0.00	46.55 3.53 0.00	42.78 3.39 0.00	39.10 2.76 0.00	36.15 2.55 0.00	33.49 2.42 0.00
BAYONEEC___CTG5 323686	40.16 2.87 0.00	30.90 2.47 0.00	27.75 2.17 0.00	26.89 2.08 0.00	26.41 2.02 0.00	26.83 1.99 0.00	28.66 2.34 0.00	27.98 2.47 0.00	31.68 2.72 0.00	33.87 2.80 0.00	32.39 2.59 0.00	31.05 2.61 0.00	32.00 2.86 0.00	32.60 2.91 0.00	33.59 2.77 -3.33	35.03 2.83 -5.76	38.45 3.36 -1.50	42.07 3.76 0.00	47.41 3.92 0.00	46.55 3.53 0.00	42.78 3.39 0.00	39.10 2.76 0.00	36.15 2.55 0.00	33.49 2.42 0.00
BAYONEEC___CTG6 323687	40.16 2.87 0.00	30.90 2.47 0.00	27.75 2.17 0.00	26.89 2.08 0.00	26.41 2.02 0.00	26.83 1.99 0.00	28.66 2.34 0.00	27.98 2.47 0.00	31.68 2.72 0.00	33.87 2.80 0.00	32.39 2.59 0.00	31.05 2.61 0.00	32.00 2.86 0.00	32.60 2.91 0.00	33.59 2.77 -3.33	35.03 2.83 -5.76	38.45 3.36 -1.50	42.07 3.76 0.00	47.41 3.92 0.00	46.55 3.53 0.00	42.78 3.39 0.00	39.10 2.76 0.00	36.15 2.55 0.00	33.49 2.42 0.00
BAYONEEC___CTG7 323688	40.16 2.87 0.00	30.90 2.47 0.00	27.75 2.17 0.00	26.89 2.08 0.00	26.41 2.02 0.00	26.83 1.99 0.00	28.66 2.34 0.00	27.98 2.47 0.00	31.68 2.72 0.00	33.87 2.80 0.00	32.39 2.59 0.00	31.05 2.61 0.00	32.00 2.86 0.00	32.60 2.91 0.00	33.59 2.77 -3.33	35.03 2.83 -5.76	38.45 3.36 -1.50	42.07 3.76 0.00	47.41 3.92 0.00	46.55 3.53 0.00	42.78 3.39 0.00	39.10 2.76 0.00	36.15 2.55 0.00	33.49 2.42 0.00

BAYONEEC___CTG8 323689	40.16 2.87 0.00	30.90 2.47 0.00	27.75 2.17 0.00	26.89 2.08 0.00	26.41 2.02 0.00	26.83 1.99 0.00	28.66 2.34 0.00	27.98 2.47 0.00	31.68 2.72 0.00	33.87 2.80 0.00	32.39 2.59 0.00	31.05 2.61 0.00	32.00 2.86 0.00	32.60 2.91 0.00	33.59 2.77 -3.33	35.03 2.83 -5.76	38.45 3.36 -1.50	42.07 3.76 0.00	47.41 3.92 0.00	46.55 3.53 0.00	42.78 3.39 0.00	39.10 2.76 0.00	36.15 2.55 0.00	33.49 2.42 0.00
BAYONEEC___CTG9 323749	40.16 2.87 0.00	30.90 2.47 0.00	27.75 2.17 0.00	26.89 2.08 0.00	26.41 2.02 0.00	26.83 1.99 0.00	28.66 2.34 0.00	27.98 2.47 0.00	31.68 2.72 0.00	33.87 2.80 0.00	32.39 2.59 0.00	31.05 2.61 0.00	32.00 2.86 0.00	32.60 2.91 0.00	33.59 2.77 -3.33	35.03 2.83 -5.76	38.45 3.36 -1.50	42.07 3.76 0.00	47.41 3.92 0.00	46.55 3.53 0.00	42.78 3.39 0.00	39.10 2.76 0.00	36.15 2.55 0.00	33.49 2.42 0.00
BEACON___LESR 323632	38.07 0.78 0.00	29.22 0.79 0.00	26.27 0.69 0.00	25.45 0.64 0.00	25.05 0.66 0.00	25.46 0.62 0.00	27.03 0.71 0.00	26.27 0.76 0.00	29.80 0.84 0.00	31.88 0.81 0.00	30.51 0.71 0.00	29.14 0.71 0.00	29.90 0.76 0.00	30.49 0.80 0.00	28.44 0.85 -0.11	27.55 0.93 -0.18	34.68 1.04 -0.05	39.38 1.07 0.00	44.58 1.09 0.00	44.10 1.08 0.00	40.46 1.06 0.00	37.11 0.76 0.00	34.37 0.77 0.00	31.69 0.62 0.00
BEAVER RIVER___HYD 24048	37.66 0.37 0.00	28.57 0.14 0.00	25.76 0.18 0.00	25.01 0.20 0.00	24.63 0.24 0.00	25.09 0.25 0.00	26.43 0.11 0.00	25.53 0.03 0.00	28.96 0.00 0.00	30.95 -0.12 0.00	29.77 -0.03 0.00	28.32 -0.11 0.00	28.76 -0.38 0.00	29.24 -0.44 0.00	26.96 -0.52 0.00	25.94 -0.50 0.00	33.08 -0.50 0.00	37.97 -0.35 0.00	43.63 0.13 0.00	43.54 0.52 0.00	40.10 0.71 0.00	37.03 0.69 0.00	34.23 0.64 0.00	31.44 0.37 0.00
BEEBEE_GT_13 23619	36.36 -0.93 0.00	28.00 -0.43 0.00	24.94 -0.64 0.00	24.14 -0.67 0.00	23.83 -0.56 0.00	24.17 -0.67 0.00	25.64 -0.68 0.00	24.44 -1.07 0.00	28.03 -0.93 0.00	29.58 -1.49 0.00	28.76 -1.04 0.00	27.44 -1.00 0.00	28.04 -1.11 0.00	28.68 -1.01 0.00	26.55 -0.93 0.00	25.65 -0.79 0.00	32.31 -1.28 0.00	36.90 -1.42 0.00	42.10 -1.39 0.00	41.73 -1.29 0.00	38.56 -0.83 0.00	35.43 -0.91 0.00	32.89 -0.71 0.00	30.44 -0.62 0.00
BENSHRST_27_KV_BENSHRST_1 355998	40.73 3.43 -0.01	31.30 2.87 -0.01	28.12 2.53 -0.01	27.22 2.41 -0.01	26.74 2.34 -0.01	27.16 2.31 -0.01	29.04 2.71 -0.01	28.35 2.83 -0.01	32.04 3.07 -0.01	34.22 3.14 -0.01	32.73 2.92 -0.01	31.40 2.96 -0.01	32.36 3.21 -0.01	32.96 3.27 -0.01	33.93 3.11 -3.34	35.33 3.12 -5.77	38.86 3.76 -1.51	42.57 4.25 -0.01	47.90 4.39 -0.01	47.07 4.04 -0.01	43.22 3.82 -0.01	39.59 3.23 -0.01	36.63 3.02 -0.01	33.96 2.89 -0.01
BETHLEHEM___GRP 23843	37.48 0.19 0.00	28.85 0.43 0.00	25.96 0.38 0.00	25.16 0.35 0.00	24.75 0.37 0.00	25.14 0.30 0.00	26.69 0.37 0.00	25.94 0.43 0.00	29.39 0.43 0.00	31.45 0.37 0.00	30.10 0.30 0.00	28.72 0.28 0.00	29.49 0.35 0.00	30.05 0.36 0.00	27.90 0.41 0.00	26.95 0.50 0.00	34.09 0.50 0.00	38.73 0.42 0.00	43.84 0.35 0.00	43.32 0.30 0.00	39.79 0.39 0.00	36.49 0.15 0.00	33.83 0.24 0.00	31.25 0.19 0.00
BETHLEHEM___GS1 323560	37.48 0.19 0.00	28.82 0.40 0.00	25.97 0.38 0.00	25.16 0.35 0.00	24.75 0.37 0.00	25.14 0.30 0.00	26.69 0.37 0.00	25.94 0.43 0.00	29.39 0.44 0.00	31.45 0.37 0.00	30.10 0.30 0.00	28.72 0.28 0.00	29.49 0.35 0.00	30.05 0.36 0.00	27.90 0.41 0.00	26.95 0.50 0.00	34.09 0.50 0.00	38.74 0.42 0.00	43.84 0.35 0.00	43.32 0.30 0.00	39.79 0.39 0.00	36.49 0.15 0.00	33.83 0.24 0.00	31.25 0.19 0.00
BETHLEHEM___GS2 323561	37.48 0.19 0.00	28.82 0.40 0.00	25.97 0.38 0.00	25.16 0.35 0.00	24.75 0.37 0.00	25.14 0.30 0.00	26.69 0.37 0.00	25.94 0.43 0.00	29.39 0.44 0.00	31.45 0.37 0.00	30.10 0.30 0.00	28.72 0.28 0.00	29.49 0.35 0.00	30.05 0.36 0.00	27.90 0.41 0.00	26.95 0.50 0.00	34.09 0.50 0.00	38.74 0.42 0.00	43.84 0.35 0.00	43.32 0.30 0.00	39.79 0.39 0.00	36.49 0.15 0.00	33.83 0.24 0.00	31.25 0.19 0.00
BETHLEHEM___GS3 323562	37.48 0.19 0.00	28.82 0.40 0.00	25.97 0.38 0.00	25.16 0.35 0.00	24.75 0.37 0.00	25.14 0.30 0.00	26.69 0.37 0.00	25.94 0.43 0.00	29.39 0.44 0.00	31.45 0.37 0.00	30.10 0.30 0.00	28.72 0.28 0.00	29.49 0.35 0.00	30.05 0.36 0.00	27.90 0.41 0.00	26.95 0.50 0.00	34.09 0.50 0.00	38.74 0.42 0.00	43.84 0.35 0.00	43.32 0.30 0.00	39.79 0.39 0.00	36.49 0.15 0.00	33.83 0.24 0.00	31.25 0.19 0.00
BETHLEHEM___STEEL 23779	36.13 -1.16 0.00	27.91 -0.51 0.00	24.81 -0.77 0.00	24.02 -0.79 0.00	23.70 -0.68 0.00	24.07 -0.77 0.00	25.53 -0.79 0.00	24.13 -1.38 0.00	27.89 -1.07 0.00	29.11 -1.96 0.00	28.49 -1.31 0.00	27.24 -1.19 0.00	27.83 -1.31 0.00	28.50 -1.19 0.00	26.30 -1.18 0.00	25.44 -1.00 0.00	31.91 -1.68 0.00	36.47 -1.84 0.00	41.50 -2.00 0.00	41.17 -1.85 0.00	38.21 -1.18 0.00	35.18 -1.16 0.00	32.75 -0.84 0.00	30.38 -0.68 0.00
BETHLHEM_115KV_TB1 79974	37.55 0.26 0.00	28.91 0.48 0.00	26.02 0.43 0.00	25.21 0.40 0.00	24.80 0.41 0.00	25.19 0.35 0.00	26.77 0.45 0.00	25.99 0.48 0.00	29.45 0.49 0.00	31.51 0.44 0.00	30.16 0.36 0.00	28.77 0.34 0.00	29.55 0.41 0.00	30.11 0.42 0.00	27.95 0.47 0.00	27.00 0.56 0.00	34.16 0.57 0.00	38.81 0.50 0.00	43.93 0.43 0.00	43.41 0.39 0.00	39.86 0.47 0.00	36.60 0.25 0.00	33.90 0.30 0.00	31.31 0.25 0.00
BETHPAGE_CC_5 323564	40.43 3.13 -0.01	34.00 2.79 -2.79	28.31 2.48 -0.25	27.37 2.38 -0.17	26.95 2.34 -0.22	27.18 2.33 -0.01	29.32 2.66 -0.34	28.64 2.76 -0.38	32.36 3.07 -0.33	38.73 3.08 -4.58	38.36 2.89 -5.67	37.53 2.70 -6.40	37.38 2.91 -5.33	37.30 2.97 -4.64	38.05 2.77 -7.79	38.16 2.78 -8.94	38.36 3.26 -1.51	42.00 3.68 -0.01	47.41 3.92 0.00	46.29 3.27 0.00	42.74 3.35 0.00	39.07 2.73 0.00	36.36 2.76 -0.01	34.78 2.76 -0.95
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.25 -1.04 0.00	27.97 -0.45 0.00	24.86 -0.72 0.00	24.07 -0.74 0.00	23.75 -0.63 0.00	24.12 -0.72 0.00	25.58 -0.74 0.00	24.21 -1.30 0.00	27.97 -0.98 0.00	29.24 -1.83 0.00	28.61 -1.19 0.00	27.32 -1.11 0.00	27.92 -1.22 0.00	28.59 -1.10 0.00	26.41 -1.07 0.00	25.55 -0.90 0.00	32.04 -1.54 0.00	36.63 -1.69 0.00	41.67 -1.83 0.00	41.39 -1.63 0.00	38.37 -1.02 0.00	35.33 -1.02 0.00	32.86 -0.74 0.00	30.48 -0.59 0.00
BINGHAMTON___COGEN 23790	37.33 0.04 0.00	28.65 0.23 0.00	25.71 0.13 0.00	24.91 0.10 0.00	24.51 0.12 0.00	24.94 0.10 0.00	26.45 0.13 0.00	25.46 -0.05 0.00	29.02 0.06 0.00	30.82 -0.25 0.00	29.68 -0.12 0.00	28.32 -0.11 0.00	29.00 -0.15 0.00	29.57 -0.12 0.00	27.47 -0.11 -0.10	26.59 -0.03 -0.17	33.46 -0.17 -0.05	38.16 -0.15 0.00	43.45 -0.04 0.00	43.02 0.00 0.00	39.67 0.28 0.00	36.49 0.15 0.00	33.73 0.13 0.00	31.16 0.09 0.00

BIXINCNT_115KV_LOAD 355685	36.43 -0.86 0.00	28.03 -0.40 0.00	24.94 -0.64 0.00	24.11 -0.69 0.00	23.80 -0.59 0.00	24.19 -0.65 0.00	25.66 -0.66 0.00	24.38 -1.12 0.00	28.21 -0.75 0.00	29.52 -1.55 0.00	28.85 -0.95 0.00	27.55 -0.88 0.00	28.12 -1.02 0.00	28.74 -0.95 0.00	26.55 -0.93 0.00	25.68 -0.77 0.00	32.28 -1.31 0.00	36.93 -1.38 0.00	42.02 -1.48 0.00	41.73 -1.29 0.00	38.72 -0.67 0.00	35.65 -0.69 0.00	33.12 -0.47 0.00	30.60 -0.47 0.00
BLACK RIVER___HYD 24047	37.74 0.45 0.00	28.65 0.23 0.00	25.84 0.26 0.00	25.08 0.27 0.00	24.73 0.34 0.00	25.16 0.32 0.00	26.45 0.13 0.00	25.51 0.00 0.00	28.90 -0.06 0.00	30.76 -0.31 0.00	29.59 -0.21 0.00	28.18 -0.26 0.00	28.65 -0.50 0.00	29.16 -0.53 0.00	26.88 -0.60 0.00	25.92 -0.53 0.00	33.05 -0.54 0.00	37.93 -0.38 0.00	43.80 0.31 0.00	43.84 0.82 0.00	40.34 0.94 0.00	37.21 0.87 0.00	34.37 0.77 0.00	31.50 0.43 0.00
BLACKRVR_115KV_TB2 79977	37.74 0.45 0.00	28.65 0.23 0.00	25.84 0.26 0.00	25.08 0.27 0.00	24.73 0.34 0.00	25.16 0.32 0.00	26.45 0.13 0.00	25.51 0.00 0.00	28.90 -0.06 0.00	30.76 -0.31 0.00	29.59 -0.21 0.00	28.18 -0.26 0.00	28.65 -0.50 0.00	29.16 -0.53 0.00	26.88 -0.60 0.00	25.92 -0.53 0.00	33.05 -0.54 0.00	37.93 -0.38 0.00	43.80 0.30 0.00	43.84 0.82 0.00	40.34 0.95 0.00	37.22 0.87 0.00	34.37 0.77 0.00	31.50 0.43 0.00
BLDWN_LI_69_KV_BK4 356085	40.66 3.36 -0.01	34.31 2.84 -3.05	28.27 2.56 -0.13	27.34 2.43 -0.09	26.90 2.39 -0.12	27.26 2.41 -0.01	29.21 2.71 -0.18	28.49 2.78 -0.21	32.26 3.13 -0.17	39.33 3.14 -5.12	48.44 2.98 -15.66	38.41 2.81 -7.16	38.00 2.97 -5.88	37.83 3.06 -5.08	38.66 2.86 -8.32	38.65 2.88 -9.32	38.56 3.46 -1.51	42.31 3.98 -0.01	47.76 4.26 0.00	46.68 3.66 0.00	43.06 3.66 0.00	39.32 2.98 0.00	36.46 2.86 -0.01	34.90 2.76 -1.07
BLISS_WT_PWR 323608	36.43 -0.86 0.00	28.00 -0.43 0.00	24.89 -0.69 0.00	24.09 -0.72 0.00	23.75 -0.63 0.00	24.14 -0.70 0.00	25.64 -0.68 0.00	24.36 -1.15 0.00	28.21 -0.75 0.00	29.52 -1.55 0.00	28.84 -0.95 0.00	27.55 -0.88 0.00	28.12 -1.02 0.00	28.71 -0.98 0.00	26.52 -0.96 0.00	25.65 -0.79 0.00	32.24 -1.34 0.00	36.90 -1.42 0.00	42.02 -1.48 0.00	41.73 -1.29 0.00	38.68 -0.71 0.00	35.65 -0.69 0.00	33.12 -0.47 0.00	30.60 -0.47 0.00
BLUESTONE___WT_PWR 323821	38.89 1.60 0.00	29.73 1.31 0.00	26.73 1.15 0.00	25.93 1.12 0.00	25.56 1.17 0.00	26.01 1.17 0.00	27.45 1.13 0.00	26.42 0.92 0.00	30.06 1.10 0.00	31.79 0.72 0.00	30.63 0.83 0.00	29.17 0.74 0.00	29.84 0.70 0.00	30.37 0.68 0.00	28.17 0.58 -0.11	27.35 0.71 -0.19	34.44 0.80 -0.05	39.38 1.07 0.00	45.15 1.65 0.00	44.96 1.94 0.00	41.36 1.97 0.00	38.02 1.67 0.00	35.17 1.58 0.00	32.34 1.27 0.00
BLUE_CIRC_CHEM_DRP 24182	37.96 0.67 0.00	29.13 0.71 0.00	26.22 0.64 0.00	25.43 0.62 0.00	25.02 0.63 0.00	25.41 0.57 0.00	26.98 0.66 0.00	26.17 0.66 0.00	29.65 0.70 0.00	31.66 0.59 0.00	30.31 0.51 0.00	28.89 0.45 0.00	29.61 0.47 0.00	30.16 0.48 0.00	28.16 0.52 -0.15	27.32 0.61 -0.26	34.33 0.67 -0.07	39.00 0.69 0.00	44.24 0.74 0.00	43.84 0.82 0.00	40.26 0.87 0.00	36.96 0.62 0.00	34.23 0.64 0.00	31.59 0.53 0.00
BOC_GAS_DRP 24189	37.81 0.52 0.00	29.02 0.60 0.00	26.14 0.56 0.00	25.36 0.55 0.00	24.92 0.54 0.00	25.33 0.50 0.00	26.90 0.58 0.00	26.14 0.64 0.00	29.63 0.67 0.00	31.69 0.62 0.00	30.34 0.54 0.00	28.94 0.51 0.00	29.70 0.55 0.00	30.28 0.59 0.00	28.09 0.60 0.00	27.11 0.66 0.00	34.29 0.71 0.00	39.04 0.73 0.00	44.24 0.74 0.00	43.67 0.65 0.00	40.10 0.71 0.00	36.82 0.47 0.00	34.06 0.47 0.00	31.50 0.43 0.00
BOONVILLE_115KV_TB1 79983	38.00 0.71 0.00	28.94 0.51 0.00	26.04 0.46 0.00	25.28 0.47 0.00	24.90 0.51 0.00	25.33 0.50 0.00	26.77 0.45 0.00	25.89 0.38 0.00	29.39 0.43 0.00	31.35 0.28 0.00	30.13 0.33 0.00	28.72 0.28 0.00	29.29 0.15 0.00	29.81 0.12 0.00	27.54 0.05 0.00	26.55 0.11 0.00	33.75 0.17 0.00	38.62 0.31 0.00	44.15 0.65 0.00	43.88 0.86 0.00	40.42 1.02 0.00	37.22 0.87 0.00	34.40 0.81 0.00	31.66 0.59 0.00
BORALEX_4TH_BRANCH 23824	39.86 2.57 0.00	30.73 2.30 0.00	27.68 2.10 0.00	26.79 1.98 0.00	26.36 1.98 0.00	26.78 1.94 0.00	28.51 2.18 0.00	27.90 2.40 0.00	31.51 2.55 0.00	33.62 2.55 0.00	32.18 2.38 0.00	30.54 2.10 0.00	31.42 2.27 0.00	32.01 2.32 0.00	30.58 2.20 -0.89	30.21 2.22 -1.54	36.61 2.62 -0.40	41.30 2.99 0.00	46.89 3.39 0.00	46.12 3.10 0.00	42.46 3.07 0.00	38.81 2.47 0.00	35.78 2.18 0.00	33.21 2.14 0.00
BOWLINE___1 23526	39.71 2.42 0.00	30.56 2.13 0.00	27.47 1.89 0.00	26.62 1.81 0.00	26.17 1.78 0.00	26.58 1.74 0.00	28.35 2.03 0.00	27.65 2.14 0.00	31.30 2.34 0.00	33.47 2.39 0.00	32.03 2.24 0.00	30.68 2.25 0.00	31.56 2.42 0.00	32.15 2.46 0.00	33.04 2.36 -3.20	34.34 2.38 -5.52	37.85 2.82 -1.44	41.49 3.18 0.00	46.85 3.35 0.00	46.12 3.10 0.00	42.35 2.96 0.00	38.70 2.36 0.00	35.78 2.18 0.00	33.12 2.05 0.00
BOWLINE___2 23595	39.71 2.42 0.00	30.56 2.13 0.00	27.47 1.89 0.00	26.62 1.81 0.00	26.17 1.78 0.00	26.58 1.74 0.00	28.35 2.03 0.00	27.65 2.14 0.00	31.30 2.34 0.00	33.47 2.39 0.00	32.03 2.24 0.00	30.68 2.25 0.00	31.56 2.42 0.00	32.15 2.46 0.00	33.04 2.36 -3.20	34.34 2.38 -5.52	37.85 2.82 -1.44	41.49 3.18 0.00	46.85 3.35 0.00	46.12 3.10 0.00	42.35 2.96 0.00	38.70 2.36 0.00	35.78 2.18 0.00	33.12 2.05 0.00
BRADY___115KV_TB2 356060	37.92 0.63 0.00	28.45 0.03 0.00	25.68 0.10 0.00	24.96 0.15 0.00	24.48 0.10 0.00	24.99 0.15 0.00	26.35 0.03 0.00	25.56 0.05 0.00	29.05 0.09 0.00	31.35 0.28 0.00	30.22 0.42 0.00	28.80 0.37 0.00	29.46 0.32 0.00	29.99 0.30 0.00	27.57 0.08 0.00	26.42 -0.03 0.00	33.89 0.30 0.00	38.73 0.42 0.00	44.19 0.70 0.00	43.84 0.82 0.00	39.94 0.55 0.00	37.11 0.76 0.00	34.27 0.67 0.00	31.66 0.59 0.00
BRANSCOMB___SOLAR 323811	39.53 2.24 0.00	30.22 1.79 0.00	27.12 1.53 0.00	26.27 1.46 0.00	25.85 1.46 0.00	26.25 1.42 0.00	27.90 1.58 0.00	27.14 1.63 0.00	30.76 1.80 0.00	32.87 1.80 0.00	31.32 1.52 0.00	29.83 1.39 0.00	30.57 1.43 0.00	31.17 1.48 0.00	29.13 1.40 -0.24	28.34 1.48 -0.42	35.61 1.91 -0.11	40.53 2.22 0.00	46.06 2.57 0.00	45.69 2.67 0.00	42.03 2.64 0.00	38.52 2.18 0.00	35.54 1.95 0.00	32.71 1.65 0.00
BRDGHMPT_69_KV_BK1 55812	41.94 4.06 -0.59	38.65 3.50 -6.73	37.52 3.12 -8.82	33.84 3.00 -6.03	35.20 2.98 -7.84	27.95 3.03 -0.08	41.86 3.45 -12.09	42.10 3.55 -13.05	44.68 4.05 -11.66	39.38 4.32 -3.99	35.66 3.90 -1.96	39.45 3.92 -7.09	45.20 4.17 -11.89	47.97 4.25 -14.04	49.27 3.90 -17.88	49.24 3.89 -18.91	52.38 4.63 -14.16	52.12 5.25 -8.55	52.08 5.52 -3.06	47.32 4.30 0.00	45.01 4.49 -1.13	45.89 3.71 -5.84	37.13 3.53 -0.01	35.33 3.45 -0.81

BRENTWOD_69_KV_W. BRTWOOD 56703	40.96 3.54 -0.13	34.81 3.04 -3.34	30.34 2.71 -2.04	28.81 2.61 -1.40	28.77 2.56 -1.82	27.45 2.58 -0.02	32.02 2.90 -2.80	31.52 2.98 -3.03	34.96 3.30 -2.70	38.45 3.39 -4.00	35.32 3.19 -2.33	37.26 2.93 -5.90	38.44 3.12 -6.18	39.03 3.18 -6.16	39.90 2.97 -9.45	40.11 2.96 -10.71	41.30 3.56 -4.16	44.13 4.02 -1.80	48.49 4.35 -0.64	46.72 3.70 0.00	43.33 3.70 -0.24	40.58 3.02 -1.22	36.76 3.16 -0.01	34.94 3.04 -0.83
BRISTLHL_115KV_TB1 79998	36.32 -0.97 0.00	27.86 -0.57 0.00	25.07 -0.51 0.00	24.29 -0.52 0.00	23.90 -0.49 0.00	24.32 -0.52 0.00	25.77 -0.55 0.00	24.87 -0.64 0.00	28.26 -0.70 0.00	30.14 -0.93 0.00	28.90 -0.89 0.00	27.58 -0.85 0.00	28.24 -0.90 0.00	28.77 -0.92 0.00	26.63 -0.85 0.00	25.70 -0.74 0.00	32.54 -1.04 0.00	37.16 -1.15 0.00	42.32 -1.17 0.00	41.90 -1.12 0.00	38.49 -0.91 0.00	35.47 -0.87 0.00	32.75 -0.84 0.00	30.29 -0.78 0.00
BROOKHAVEN__DRP 24191	41.42 3.54 -0.58	38.19 3.07 -6.70	37.09 2.74 -8.77	33.43 2.63 -5.99	34.77 2.59 -7.80	27.55 2.63 -0.08	41.29 2.95 -12.02	41.49 3.01 -12.97	43.91 3.36 -11.59	38.54 3.48 -3.98	34.82 3.07 -1.95	38.47 2.96 -7.08	44.14 3.15 -11.85	46.90 3.24 -13.98	48.27 2.97 -17.82	48.28 2.99 -18.84	51.26 3.59 -14.08	50.84 4.02 -8.51	50.80 4.26 -3.04	46.29 3.27 0.00	44.13 3.62 -1.12	45.13 2.98 -5.80	36.56 2.96 -0.01	34.74 2.86 -0.81
BROOKLYN_NAVY_YARD 23515	40.20 2.91 0.00	30.93 2.50 0.00	27.81 2.22 0.00	26.92 2.11 0.00	26.46 2.07 0.00	26.88 2.04 0.00	28.72 2.39 0.00	28.03 2.53 0.00	31.74 2.78 0.00	33.93 2.86 0.00	32.45 2.65 0.00	31.10 2.67 0.00	32.03 2.89 0.00	32.66 2.97 0.00	33.62 2.80 -3.33	35.06 2.86 -5.76	38.52 3.43 -1.50	42.18 3.87 0.00	47.50 4.00 0.00	46.67 3.65 0.00	42.86 3.47 0.00	39.18 2.84 0.00	36.18 2.59 0.00	33.55 2.49 0.00
BROOKLYN__ARMY_DRP 323595	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.12 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.24 2.73 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.81 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.59 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.86 -0.01	33.81 2.73 -0.01
BROOME_2_LFGE 323671	37.33 0.04 0.00	28.65 0.23 0.00	25.71 0.13 0.00	24.91 0.10 0.00	24.51 0.12 0.00	24.94 0.10 0.00	26.45 0.13 0.00	25.46 -0.05 0.00	29.02 0.06 0.00	30.79 -0.28 0.00	29.68 -0.12 0.00	28.32 -0.11 0.00	29.00 -0.14 0.00	29.57 -0.12 0.00	27.48 -0.11 -0.10	26.59 -0.03 -0.17	33.46 -0.17 -0.05	38.16 -0.15 0.00	43.45 -0.04 0.00	43.02 0.00 0.00	39.67 0.28 0.00	36.49 0.15 0.00	33.73 0.13 0.00	31.16 0.09 0.00
BROOME__LFGE 323600	37.33 0.04 0.00	28.65 0.23 0.00	25.71 0.13 0.00	24.91 0.10 0.00	24.51 0.12 0.00	24.94 0.10 0.00	26.45 0.13 0.00	25.46 -0.05 0.00	29.02 0.06 0.00	30.79 -0.28 0.00	29.68 -0.12 0.00	28.32 -0.11 0.00	29.00 -0.14 0.00	29.57 -0.12 0.00	27.48 -0.11 -0.10	26.59 -0.03 -0.17	33.46 -0.17 -0.05	38.16 -0.15 0.00	43.45 -0.04 0.00	43.02 0.00 0.00	39.67 0.28 0.00	36.49 0.15 0.00	33.73 0.13 0.00	31.16 0.09 0.00
BROWNFLS_115KV_TB_3_5 80003	37.44 0.15 0.00	28.25 -0.17 0.00	25.50 -0.08 0.00	24.76 -0.05 0.00	24.36 -0.02 0.00	24.84 0.00 0.00	26.19 -0.13 0.00	25.35 -0.15 0.00	28.81 -0.14 0.00	30.92 -0.16 0.00	29.80 0.00 0.00	28.38 -0.06 0.00	28.91 -0.23 0.00	29.39 -0.30 0.00	27.04 -0.44 0.00	26.00 -0.45 0.00	33.25 -0.34 0.00	38.08 -0.23 0.00	43.63 0.13 0.00	43.41 0.39 0.00	39.75 0.35 0.00	36.82 0.47 0.00	34.00 0.40 0.00	31.31 0.25 0.00
BROWNSV1_27_KV_LOAD 356125	40.50 3.21 0.00	31.15 2.73 0.00	27.99 2.40 0.00	27.09 2.28 0.00	26.61 2.22 0.00	27.02 2.19 0.00	28.87 2.55 0.00	28.21 2.70 0.00	31.94 2.98 0.00	34.12 3.05 0.00	32.63 2.83 0.00	31.30 2.87 0.00	32.26 3.12 0.00	32.90 3.21 0.00	33.84 3.02 -3.33	35.27 3.07 -5.76	38.75 3.66 -1.50	42.45 4.14 0.00	47.85 4.35 0.00	47.02 4.00 0.00	43.17 3.78 0.00	39.43 3.09 0.00	36.45 2.86 0.00	33.77 2.70 0.00
BURROWS__LYONSDAL 23803	37.89 0.60 0.00	28.82 0.40 0.00	25.99 0.41 0.00	25.21 0.40 0.00	24.83 0.44 0.00	25.29 0.45 0.00	26.69 0.37 0.00	25.79 0.28 0.00	29.28 0.32 0.00	31.26 0.19 0.00	30.04 0.24 0.00	28.60 0.17 0.00	29.11 -0.03 0.00	29.63 -0.06 0.00	27.37 -0.11 0.00	26.37 -0.08 0.00	33.52 -0.07 0.00	38.39 0.08 0.00	43.97 0.48 0.00	43.75 0.73 0.00	40.34 0.95 0.00	37.14 0.80 0.00	34.33 0.74 0.00	31.59 0.53 0.00
CAITHNESS_CC_1 323624	41.34 3.47 -0.58	38.08 2.98 -6.67	36.98 2.69 -8.72	33.32 2.56 -5.96	34.65 2.51 -7.75	27.48 2.56 -0.08	41.12 2.84 -11.95	41.34 2.93 -12.90	43.76 3.27 -11.53	38.44 3.39 -3.98	34.78 3.04 -1.94	38.37 2.87 -7.07	44.00 3.06 -11.80	46.72 3.12 -13.92	48.13 2.89 -17.76	48.14 2.91 -18.78	51.06 3.46 -14.01	50.64 3.87 -8.46	50.66 4.13 -3.03	46.25 3.23 0.00	44.01 3.50 -1.11	44.98 2.87 -5.77	36.52 2.92 -0.01	34.71 2.83 -0.81
CALPINE BETH_PAGE_GT4 24209	40.40 3.10 -0.01	34.20 2.81 -2.96	28.37 2.53 -0.25	27.39 2.41 -0.18	26.98 2.37 -0.23	27.23 2.38 -0.01	29.35 2.68 -0.34	28.67 2.78 -0.38	32.39 3.10 -0.33	39.02 3.08 -4.88	40.00 2.89 -7.31	37.98 2.73 -6.82	37.75 2.94 -5.67	37.62 3.00 -4.93	38.37 2.80 -8.08	38.42 2.83 -9.15	38.36 3.26 -1.51	42.00 3.68 -0.01	47.41 3.91 0.00	46.29 3.27 0.00	42.74 3.35 0.00	39.07 2.73 0.00	36.39 2.79 -0.01	34.81 2.73 -1.01
CALPINE_BETH_PAGE_GT_4 323586	40.40 3.09 -0.01	34.20 2.81 -2.96	28.37 2.53 -0.25	27.39 2.41 -0.18	26.98 2.36 -0.23	27.24 2.38 -0.01	29.35 2.69 -0.34	28.67 2.78 -0.38	32.39 3.10 -0.33	39.03 3.08 -4.88	40.03 2.92 -7.31	37.98 2.73 -6.82	37.75 2.94 -5.67	37.62 3.00 -4.93	38.37 2.80 -8.08	38.43 2.83 -9.15	38.36 3.26 -1.51	42.00 3.68 -0.01	47.41 3.92 0.00	46.29 3.27 0.00	42.74 3.35 0.00	39.07 2.73 0.00	36.39 2.79 -0.01	34.82 2.73 -1.01
CALPINE_BP_GT1 23823	40.40 3.09 -0.01	34.20 2.81 -2.96	28.37 2.53 -0.25	27.39 2.41 -0.18	26.98 2.36 -0.23	27.24 2.38 -0.01	29.35 2.69 -0.34	28.67 2.78 -0.38	32.39 3.10 -0.33	39.03 3.08 -4.88	40.03 2.92 -7.31	37.98 2.73 -6.82	37.75 2.94 -5.67	37.62 3.00 -4.93	38.37 2.80 -8.08	38.43 2.83 -9.15	38.36 3.26 -1.51	42.00 3.68 -0.01	47.41 3.92 0.00	46.29 3.27 0.00	42.74 3.35 0.00	39.07 2.73 0.00	36.39 2.79 -0.01	34.82 2.73 -1.01
CALSPAN__DRP 24200	36.13 -1.16 0.00	27.91 -0.51 0.00	24.81 -0.77 0.00	24.02 -0.79 0.00	23.70 -0.68 0.00	24.07 -0.77 0.00	25.53 -0.79 0.00	24.13 -1.38 0.00	27.89 -1.07 0.00	29.11 -1.96 0.00	28.49 -1.31 0.00	27.24 -1.19 0.00	27.83 -1.31 0.00	28.50 -1.19 0.00	26.30 -1.18 0.00	25.44 -1.00 0.00	31.91 -1.68 0.00	36.47 -1.84 0.00	41.50 -2.00 0.00	41.17 -1.85 0.00	38.21 -1.18 0.00	35.18 -1.16 0.00	32.75 -0.84 0.00	30.38 -0.68 0.00

CALVERTON___SOLAR 323806	41.53 3.66 -0.58	38.29 3.15 -6.71	37.18 2.81 -8.79	33.52 2.70 -6.01	34.86 2.66 -7.81	27.63 2.71 -0.08	41.40 3.03 -12.05	41.60 3.09 -13.01	44.06 3.47 -11.62	38.66 3.60 -3.99	34.94 3.19 -1.95	38.59 3.07 -7.08	44.30 3.29 -11.86	47.05 3.35 -14.00	48.43 3.10 -17.84	48.43 3.12 -18.87	51.43 3.73 -14.11	50.98 4.14 -8.53	50.99 4.44 -3.05	46.42 3.40 0.00	44.30 3.78 -1.12	45.25 3.09 -5.82	36.66 3.06 -0.01	34.80 2.92 -0.81
CANDIGU_WT_PWR 323617	36.80 -0.49 0.00	28.34 -0.09 0.00	25.27 -0.31 0.00	24.44 -0.37 0.00	24.10 -0.29 0.00	24.49 -0.35 0.00	25.95 -0.37 0.00	24.67 -0.84 0.00	28.21 -0.75 0.00	29.58 -1.49 0.00	28.70 -1.10 0.00	27.35 -1.08 0.00	27.98 -1.17 0.00	28.56 -1.13 0.00	26.41 -1.07 0.00	25.52 -0.93 0.00	32.24 -1.34 0.00	36.90 -1.42 0.00	42.19 -1.30 0.00	42.03 -0.99 0.00	39.04 -0.36 0.00	35.91 -0.43 0.00	33.29 -0.30 0.00	30.82 -0.25 0.00
CARR STREET_E_SYR 24060	36.84 -0.45 0.00	28.28 -0.14 0.00	25.43 -0.15 0.00	24.64 -0.17 0.00	24.24 -0.15 0.00	24.67 -0.17 0.00	26.14 -0.18 0.00	25.23 -0.28 0.00	28.70 -0.26 0.00	30.54 -0.53 0.00	29.32 -0.48 0.00	27.98 -0.46 0.00	28.68 -0.47 0.00	29.21 -0.48 0.00	27.07 -0.41 0.00	26.10 -0.34 0.00	33.08 -0.50 0.00	37.74 -0.57 0.00	42.98 -0.52 0.00	42.51 -0.51 0.00	39.12 -0.27 0.00	36.02 -0.33 0.00	33.26 -0.34 0.00	30.73 -0.34 0.00
CARTHAGE___PAPER 23857	37.70 0.41 0.00	28.57 0.14 0.00	25.76 0.18 0.00	25.01 0.20 0.00	24.66 0.27 0.00	25.11 0.27 0.00	26.43 0.11 0.00	25.51 0.00 0.00	28.93 -0.03 0.00	30.86 -0.22 0.00	29.68 -0.12 0.00	28.24 -0.20 0.00	28.71 -0.44 0.00	29.18 -0.50 0.00	26.91 -0.58 0.00	25.92 -0.53 0.00	33.05 -0.54 0.00	37.93 -0.38 0.00	43.71 0.22 0.00	43.67 0.65 0.00	40.22 0.83 0.00	37.11 0.76 0.00	34.30 0.71 0.00	31.47 0.40 0.00
CASSADAGA_WT_PWR 323784	36.92 -0.37 0.00	28.45 0.03 0.00	25.30 -0.28 0.00	24.49 -0.32 0.00	24.17 -0.22 0.00	24.57 -0.27 0.00	26.08 -0.24 0.00	24.72 -0.79 0.00	28.64 -0.32 0.00	29.86 -1.21 0.00	29.23 -0.57 0.00	27.92 -0.51 0.00	28.50 -0.64 0.00	29.12 -0.57 0.00	26.88 -0.60 0.00	26.05 -0.40 0.00	32.71 -0.87 0.00	37.39 -0.92 0.00	42.63 -0.87 0.00	42.33 -0.69 0.00	39.23 -0.16 0.00	36.13 -0.22 0.00	33.46 -0.13 0.00	30.85 -0.22 0.00
CE_DUNWOOD___DRP 24194	39.90 2.61 0.00	30.67 2.25 0.00	27.60 2.02 0.00	26.74 1.94 0.00	26.26 1.88 0.00	26.70 1.86 0.00	28.48 2.16 0.00	27.80 2.30 0.00	31.48 2.52 0.00	33.65 2.58 0.00	32.21 2.41 0.00	30.85 2.42 0.00	31.74 2.59 0.00	32.36 2.67 0.00	33.34 2.53 -3.33	34.75 2.57 -5.74	38.14 3.06 -1.50	41.72 3.41 0.00	47.11 3.61 0.00	46.29 3.27 0.00	42.50 3.11 0.00	38.89 2.54 0.00	35.91 2.32 0.00	33.27 2.21 0.00
CE_MILLWOOD___DRP 24193	39.83 2.54 0.00	30.61 2.19 0.00	27.55 1.97 0.00	26.70 1.89 0.00	26.24 1.85 0.00	26.65 1.81 0.00	28.43 2.11 0.00	27.73 2.22 0.00	31.42 2.46 0.00	33.56 2.49 0.00	32.12 2.32 0.00	30.76 2.33 0.00	31.68 2.54 0.00	32.27 2.58 0.00	33.27 2.47 -3.31	34.64 2.49 -5.71	38.03 2.96 -1.49	41.61 3.29 0.00	46.98 3.48 0.00	46.20 3.18 0.00	42.42 3.03 0.00	38.78 2.43 0.00	35.88 2.28 0.00	33.21 2.14 0.00
CE_NYC2_DRP 24202	40.27 2.98 0.00	31.02 2.59 -0.01	27.89 2.30 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.96 2.11 -0.01	28.74 2.42 0.00	28.06 2.55 0.00	31.68 2.72 0.00	33.84 2.77 0.00	32.39 2.59 0.00	31.08 2.64 0.00	32.00 2.86 0.00	32.60 2.91 0.00	33.59 2.78 -3.33	35.01 2.80 -5.76	38.41 3.32 -1.50	42.07 3.75 0.00	47.37 3.87 0.00	46.50 3.48 0.00	42.70 3.31 0.00	39.14 2.80 0.00	36.21 2.62 0.00	33.62 2.55 -0.01
CE_NYC_DRP 24195	40.24 2.95 0.00	30.93 2.50 0.00	27.81 2.23 0.00	26.92 2.11 0.00	26.46 2.07 0.00	26.87 2.04 0.00	28.69 2.37 0.00	28.03 2.53 0.00	31.74 2.78 0.00	33.90 2.83 0.00	32.42 2.62 0.00	31.08 2.64 0.00	32.03 2.89 0.00	32.63 2.94 0.00	33.62 2.80 -3.33	35.06 2.86 -5.76	38.48 3.39 -1.50	42.14 3.83 0.00	47.45 3.96 0.00	46.63 3.61 0.00	42.82 3.43 0.00	39.14 2.80 0.00	36.18 2.59 0.00	33.52 2.45 0.00
CHAFFEE___LFGE 323603	36.21 -1.08 0.00	27.91 -0.51 0.00	24.84 -0.74 0.00	24.04 -0.77 0.00	23.73 -0.66 0.00	24.09 -0.74 0.00	25.56 -0.76 0.00	24.18 -1.33 0.00	27.94 -1.01 0.00	29.15 -1.93 0.00	28.55 -1.25 0.00	27.29 -1.14 0.00	27.89 -1.25 0.00	28.56 -1.13 0.00	26.38 -1.10 0.00	25.52 -0.93 0.00	32.01 -1.58 0.00	36.59 -1.72 0.00	41.67 -1.83 0.00	41.34 -1.68 0.00	38.37 -1.02 0.00	35.29 -1.06 0.00	32.86 -0.74 0.00	30.45 -0.62 0.00
CHATEAUG_35_KV_LOAD 355732	37.78 0.48 0.00	28.45 0.03 0.00	25.61 0.03 0.00	24.86 0.05 0.00	24.39 0.00 0.00	24.86 0.02 0.00	26.27 -0.05 0.00	25.53 0.03 0.00	29.05 0.09 0.00	31.41 0.34 0.00	30.19 0.39 0.00	28.77 0.34 0.00	29.41 0.26 0.00	29.90 0.21 0.00	27.54 0.05 0.00	26.34 -0.11 0.00	33.69 0.10 0.00	38.50 0.19 0.00	43.89 0.39 0.00	43.54 0.52 0.00	39.67 0.28 0.00	36.82 0.47 0.00	33.93 0.34 0.00	31.41 0.34 0.00
CHATEAUG_WT_PWR 323614	37.70 0.41 0.00	28.42 0.00 0.00	25.58 0.00 0.00	24.86 0.05 0.00	24.36 -0.02 0.00	24.86 0.02 0.00	26.27 -0.05 0.00	25.53 0.03 0.00	29.05 0.09 0.00	31.38 0.31 0.00	30.19 0.39 0.00	28.75 0.31 0.00	29.41 0.26 0.00	29.87 0.18 0.00	27.51 0.03 0.00	26.34 -0.11 0.00	33.65 0.07 0.00	38.47 0.15 0.00	43.84 0.35 0.00	43.45 0.43 0.00	39.63 0.24 0.00	36.71 0.36 0.00	33.90 0.30 0.00	31.38 0.31 0.00
CHAT_HIGH_FALL_HYD 323578	37.78 0.48 0.00	28.45 0.03 0.00	25.61 0.03 0.00	24.86 0.05 0.00	24.39 0.00 0.00	24.86 0.02 0.00	26.27 -0.05 0.00	25.53 0.03 0.00	29.05 0.09 0.00	31.41 0.34 0.00	30.19 0.39 0.00	28.77 0.34 0.00	29.41 0.26 0.00	29.90 0.21 0.00	27.54 0.05 0.00	26.34 -0.11 0.00	33.69 0.10 0.00	38.50 0.19 0.00	43.89 0.39 0.00	43.54 0.52 0.00	39.67 0.28 0.00	36.82 0.47 0.00	33.93 0.34 0.00	31.41 0.34 0.00
CHAUTAUQUA___LFGE 323629	36.66 -0.63 0.00	28.25 -0.17 0.00	25.12 -0.46 0.00	24.31 -0.50 0.00	24.00 -0.39 0.00	24.39 -0.45 0.00	25.90 -0.42 0.00	24.51 -1.00 0.00	28.35 -0.61 0.00	29.58 -1.49 0.00	28.93 -0.87 0.00	27.64 -0.80 0.00	28.24 -0.90 0.00	28.89 -0.80 0.00	26.66 -0.82 0.00	25.81 -0.63 0.00	32.38 -1.21 0.00	37.05 -1.26 0.00	42.19 -1.30 0.00	41.86 -1.16 0.00	38.84 -0.55 0.00	35.72 -0.62 0.00	33.16 -0.44 0.00	30.66 -0.40 0.00
CHERRYST_13_KV_LD 356241	40.31 3.02 0.00	31.01 2.59 0.00	27.86 2.28 0.00	26.99 2.18 0.00	26.51 2.12 0.00	26.92 2.09 0.00	28.77 2.45 0.00	28.11 2.60 0.00	31.83 2.87 0.00	33.99 2.92 0.00	32.51 2.71 0.00	31.19 2.76 0.00	32.12 2.97 0.00	32.75 3.06 0.00	33.73 2.91 -3.33	35.14 2.94 -5.76	38.61 3.53 -1.50	42.26 3.95 0.00	47.63 4.13 0.00	46.76 3.74 0.00	42.98 3.58 0.00	39.25 2.91 0.00	36.28 2.69 0.00	33.61 2.55 0.00

CHESTROR_138KV_BK263 355645	39.38 2.09 0.00	30.27 1.85 0.00	27.24 1.66 0.00	26.37 1.56 0.00	25.92 1.54 0.00	26.35 1.52 0.00	28.08 1.76 0.00	27.34 1.84 0.00	30.99 2.03 0.00	33.09 2.02 0.00	31.68 1.88 0.00	30.31 1.88 0.00	31.18 2.04 0.00	31.74 2.05 0.00	32.41 1.98 -2.95	33.55 2.01 -5.09	37.30 2.38 -1.33	41.00 2.68 0.00	46.37 2.87 0.00	45.69 2.67 0.00	41.95 2.56 0.00	38.38 2.04 0.00	35.48 1.88 0.00	32.84 1.77 0.00
CH_MIDHUDSON___DRP 24192	39.64 2.35 0.00	30.47 2.05 0.00	27.45 1.87 0.00	26.57 1.76 0.00	26.12 1.73 0.00	26.55 1.71 0.00	28.30 1.97 0.00	27.57 2.07 0.00	31.22 2.26 0.00	33.34 2.27 0.00	31.94 2.15 0.00	30.51 2.08 0.00	31.39 2.24 0.00	31.98 2.29 0.00	32.99 2.20 -3.31	34.38 2.22 -5.72	37.73 2.65 -1.49	41.30 2.99 0.00	46.72 3.22 0.00	46.03 3.01 0.00	42.27 2.88 0.00	38.67 2.33 0.00	35.74 2.15 0.00	33.05 1.99 0.00
CH_MISC_IPPS 23765	39.83 2.54 0.00	30.64 2.22 0.00	27.58 2.00 0.00	26.69 1.88 0.00	26.24 1.85 0.00	26.68 1.84 0.00	28.43 2.11 0.00	27.67 2.17 0.00	31.36 2.40 0.00	33.47 2.39 0.00	32.09 2.29 0.00	30.65 2.22 0.00	31.50 2.36 0.00	32.09 2.40 0.00	33.05 2.33 -3.23	34.35 2.33 -5.58	37.86 2.82 -1.46	41.49 3.18 0.00	46.98 3.48 0.00	46.33 3.31 0.00	42.54 3.15 0.00	38.89 2.54 0.00	35.95 2.35 0.00	33.24 2.17 0.00
CH_RES_BVR_FALLS 23983	37.25 -0.04 0.00	28.28 -0.14 0.00	25.45 -0.13 0.00	24.69 -0.12 0.00	24.24 -0.15 0.00	24.71 -0.12 0.00	26.16 -0.16 0.00	25.38 -0.13 0.00	28.84 -0.12 0.00	31.04 -0.03 0.00	29.77 -0.03 0.00	28.40 -0.03 0.00	29.09 -0.06 0.00	29.60 -0.09 0.00	27.38 -0.11 0.00	26.29 -0.16 0.00	33.45 -0.13 0.00	38.16 -0.15 0.00	43.32 -0.17 0.00	42.89 -0.13 0.00	39.20 -0.20 0.00	36.23 -0.11 0.00	33.49 -0.10 0.00	30.97 -0.09 0.00
CH_RES_NIAGARA 23895	34.83 -2.46 0.00	26.92 -1.51 0.00	23.92 -1.66 0.00	23.15 -1.66 0.00	22.85 -1.54 0.00	23.20 -1.64 0.00	24.66 -1.66 0.00	23.24 -2.27 0.00	26.85 -2.11 0.00	28.00 -3.08 0.00	27.47 -2.32 0.00	26.24 -2.19 0.00	26.81 -2.33 0.00	27.46 -2.23 0.00	25.34 -2.14 0.00	24.44 -2.01 0.00	30.60 -2.99 0.00	34.90 -3.41 0.00	39.67 -3.83 0.00	39.36 -3.66 0.00	36.59 -2.80 0.00	33.65 -2.69 0.00	31.41 -2.18 0.00	29.33 -1.74 0.00
CH_RES_SYRACUSE 23985	36.88 -0.41 0.00	28.28 -0.14 0.00	25.45 -0.13 0.00	24.64 -0.17 0.00	24.27 -0.12 0.00	24.69 -0.15 0.00	26.16 -0.16 0.00	25.23 -0.28 0.00	28.70 -0.26 0.00	30.57 -0.50 0.00	29.35 -0.45 0.00	28.01 -0.43 0.00	28.68 -0.47 0.00	29.21 -0.48 0.00	27.07 -0.41 0.00	26.10 -0.34 0.00	33.08 -0.50 0.00	37.74 -0.57 0.00	42.98 -0.52 0.00	42.55 -0.47 0.00	39.12 -0.27 0.00	36.02 -0.33 0.00	33.29 -0.30 0.00	30.76 -0.31 0.00
CLINTON_WT_PWR 323605	37.70 0.41 0.00	28.42 0.00 0.00	25.58 0.00 0.00	24.86 0.05 0.00	24.36 -0.02 0.00	24.86 0.02 0.00	26.27 -0.05 0.00	25.53 0.03 0.00	29.05 0.09 0.00	31.38 0.31 0.00	30.19 0.39 0.00	28.75 0.31 0.00	29.41 0.26 0.00	29.87 0.18 0.00	27.51 0.03 0.00	26.34 -0.11 0.00	33.65 0.07 0.00	38.47 0.15 0.00	43.84 0.35 0.00	43.45 0.43 0.00	39.63 0.24 0.00	36.71 0.36 0.00	33.90 0.30 0.00	31.38 0.31 0.00
CLINTON___LFGE 323618	38.30 1.01 0.00	28.88 0.45 0.00	25.99 0.41 0.00	25.23 0.42 0.00	24.73 0.34 0.00	25.19 0.35 0.00	26.61 0.29 0.00	25.89 0.38 0.00	29.51 0.55 0.00	31.88 0.81 0.00	30.66 0.86 0.00	29.20 0.77 0.00	29.84 0.70 0.00	30.34 0.65 0.00	27.92 0.44 0.00	26.74 0.29 0.00	34.16 0.57 0.00	39.08 0.77 0.00	44.58 1.09 0.00	44.27 1.25 0.00	40.34 0.94 0.00	37.36 1.02 0.00	34.43 0.84 0.00	31.87 0.81 0.00
COBBLENY_34_KV_TB1 80064	36.21 -1.08 0.00	27.91 -0.51 0.00	24.84 -0.74 0.00	24.04 -0.77 0.00	23.73 -0.66 0.00	24.09 -0.75 0.00	25.56 -0.76 0.00	24.16 -1.35 0.00	27.95 -1.01 0.00	29.18 -1.90 0.00	28.58 -1.22 0.00	27.30 -1.14 0.00	27.89 -1.25 0.00	28.56 -1.13 0.00	26.39 -1.10 0.00	25.52 -0.93 0.00	32.01 -1.58 0.00	36.59 -1.72 0.00	41.67 -1.83 0.00	41.34 -1.68 0.00	38.37 -1.02 0.00	35.29 -1.05 0.00	32.86 -0.74 0.00	30.44 -0.62 0.00
COFFEEN___115KV_TB3 355620	37.85 0.56 0.00	28.71 0.28 0.00	25.89 0.31 0.00	25.16 0.35 0.00	24.83 0.44 0.00	25.26 0.42 0.00	26.53 0.21 0.00	25.53 0.03 0.00	28.96 0.00 0.00	30.76 -0.31 0.00	29.62 -0.18 0.00	28.18 -0.26 0.00	28.65 -0.50 0.00	29.16 -0.53 0.00	26.88 -0.60 0.00	25.94 -0.50 0.00	33.08 -0.50 0.00	38.01 -0.31 0.00	43.93 0.43 0.00	44.01 0.99 0.00	40.53 1.14 0.00	37.36 1.02 0.00	34.50 0.91 0.00	31.59 0.53 0.00
COLDSPRG_115KV_BK1 355956	37.03 -0.26 0.00	28.51 0.09 0.00	25.35 -0.23 0.00	24.54 -0.27 0.00	24.24 -0.15 0.00	24.64 -0.20 0.00	26.14 -0.18 0.00	24.82 -0.69 0.00	28.73 -0.23 0.00	30.02 -1.06 0.00	29.32 -0.48 0.00	28.01 -0.43 0.00	28.59 -0.55 0.00	29.24 -0.45 0.00	27.02 -0.47 0.00	26.18 -0.26 0.00	32.88 -0.71 0.00	37.66 -0.65 0.00	42.89 -0.61 0.00	42.59 -0.43 0.00	39.47 0.08 0.00	36.34 0.00 0.00	33.70 0.10 0.00	31.00 -0.06 0.00
COLONIE_LFGE___ 323577	38.86 1.57 0.00	29.82 1.39 0.00	26.81 1.23 0.00	26.00 1.19 0.00	25.56 1.17 0.00	25.98 1.14 0.00	27.61 1.29 0.00	26.88 1.38 0.00	30.44 1.48 0.00	32.53 1.46 0.00	31.11 1.31 0.00	29.63 1.19 0.00	30.42 1.28 0.00	31.03 1.34 0.00	29.12 1.29 -0.34	28.38 1.35 -0.58	35.32 1.58 -0.15	40.11 1.80 0.00	45.50 2.00 0.00	44.96 1.94 0.00	41.28 1.89 0.00	37.87 1.53 0.00	34.94 1.35 0.00	32.31 1.24 0.00
COOPERNY_115KV_TB1 80082	38.56 1.27 0.00	29.56 1.14 0.00	26.60 1.02 0.00	25.78 0.97 0.00	25.36 0.98 0.00	25.78 0.94 0.00	27.40 1.08 0.00	26.63 1.12 0.00	30.18 1.22 0.00	32.25 1.18 0.00	30.93 1.13 0.00	29.54 1.11 0.00	30.34 1.19 0.00	30.91 1.22 0.00	30.21 1.18 -1.55	30.34 1.22 -2.67	35.69 1.41 -0.70	39.92 1.61 0.00	45.24 1.74 0.00	44.65 1.63 0.00	41.01 1.62 0.00	37.61 1.27 0.00	34.77 1.18 0.00	32.15 1.09 0.00
COPENHAGEN_WT_PWR 323753	37.63 0.33 0.00	28.57 0.14 0.00	25.76 0.18 0.00	25.01 0.20 0.00	24.66 0.27 0.00	25.09 0.25 0.00	26.40 0.08 0.00	25.46 -0.05 0.00	28.84 -0.12 0.00	30.70 -0.37 0.00	29.53 -0.27 0.00	28.12 -0.31 0.00	28.62 -0.52 0.00	29.12 -0.57 0.00	26.88 -0.60 0.00	25.92 -0.53 0.00	33.01 -0.57 0.00	37.86 -0.46 0.00	43.67 0.17 0.00	43.67 0.65 0.00	40.18 0.79 0.00	37.07 0.73 0.00	34.23 0.64 0.00	31.38 0.31 0.00
CORNELL_____ 23752	37.74 0.45 0.00	28.94 0.51 0.00	25.96 0.38 0.00	25.16 0.35 0.00	24.75 0.37 0.00	25.21 0.37 0.00	26.72 0.39 0.00	25.69 0.18 0.00	29.25 0.29 0.00	31.04 -0.03 0.00	29.83 0.03 0.00	28.43 0.00 0.00	29.11 -0.03 0.00	29.66 -0.03 0.00	27.46 -0.03 0.00	26.52 0.08 0.00	33.62 0.03 0.00	38.43 0.11 0.00	43.93 0.43 0.00	43.58 0.56 0.00	40.18 0.79 0.00	36.96 0.62 0.00	34.13 0.54 0.00	31.47 0.40 0.00

CORONA__69_KV_TB1 355595	40.66 3.36 -0.02	35.36 2.81 -4.12	28.20 2.53 -0.08	27.28 2.41 -0.06	26.83 2.37 -0.08	27.24 2.38 -0.02	29.12 2.68 -0.11	28.43 2.78 -0.14	32.16 3.10 -0.10	41.23 3.14 -7.02	61.96 2.98 -29.18	41.06 2.81 -9.81	40.12 2.97 -8.00	39.60 3.03 -6.88	40.51 2.86 -10.16	39.94 2.86 -10.64	38.56 3.46 -1.52	42.35 4.02 -0.02	47.85 4.35 0.00	46.76 3.74 0.00	43.09 3.70 0.00	39.40 3.05 0.00	36.47 2.86 -0.02	35.23 2.70 -1.46
CORTLAND__115KV_TB3 80093	37.51 0.22 0.00	28.77 0.34 0.00	25.84 0.26 0.00	25.03 0.22 0.00	24.63 0.24 0.00	25.06 0.22 0.00	26.58 0.26 0.00	25.61 0.10 0.00	29.13 0.17 0.00	30.98 -0.09 0.00	29.77 -0.03 0.00	28.38 -0.06 0.00	29.06 -0.09 0.00	29.60 -0.09 0.00	27.43 -0.05 0.00	26.47 0.03 0.00	33.55 -0.03 0.00	38.31 0.00 0.00	43.67 0.17 0.00	43.28 0.26 0.00	39.86 0.47 0.00	36.71 0.36 0.00	33.90 0.30 0.00	31.28 0.22 0.00
COXSACKIE__GT 23611	39.08 1.79 0.00	30.01 1.59 0.00	26.94 1.35 0.00	26.05 1.24 0.00	25.63 1.24 0.00	26.10 1.27 0.00	27.66 1.34 0.00	26.78 1.27 0.00	30.29 1.33 0.00	32.19 1.12 0.00	30.81 1.01 0.00	29.26 0.83 0.00	29.99 0.85 0.00	30.55 0.86 0.00	29.21 1.02 -0.71	28.76 1.08 -1.23	35.32 1.41 -0.32	39.92 1.61 0.00	45.54 2.04 0.00	45.51 2.49 0.00	41.80 2.40 0.00	38.30 1.96 0.00	35.44 1.85 0.00	32.56 1.49 0.00
CPV_VALLEY__CC1 323721	39.19 1.90 0.00	30.16 1.73 0.00	27.14 1.56 0.00	26.30 1.49 0.00	25.85 1.46 0.00	26.25 1.42 0.00	27.98 1.66 0.00	27.27 1.76 0.00	30.87 1.91 0.00	33.00 1.93 0.00	31.59 1.79 0.00	30.23 1.79 0.00	31.10 1.95 0.00	31.65 1.96 0.00	32.37 1.89 -2.99	33.53 1.93 -5.16	37.22 2.28 -1.35	40.88 2.57 0.00	46.19 2.70 0.00	45.47 2.45 0.00	41.76 2.36 0.00	38.20 1.85 0.00	35.31 1.71 0.00	32.68 1.61 0.00
CPV_VALLEY__CC2 323722	39.19 1.90 0.00	30.16 1.73 0.00	27.14 1.56 0.00	26.30 1.49 0.00	25.85 1.46 0.00	26.25 1.42 0.00	27.98 1.66 0.00	27.27 1.76 0.00	30.87 1.91 0.00	33.00 1.93 0.00	31.59 1.79 0.00	30.23 1.79 0.00	31.10 1.95 0.00	31.65 1.96 0.00	32.37 1.89 -2.99	33.53 1.93 -5.16	37.22 2.28 -1.35	40.88 2.57 0.00	46.19 2.70 0.00	45.47 2.45 0.00	41.76 2.36 0.00	38.20 1.85 0.00	35.31 1.71 0.00	32.68 1.61 0.00
CRESCENT__HYD 24018	38.86 1.57 0.00	29.82 1.39 0.00	26.81 1.23 0.00	26.00 1.19 0.00	25.56 1.17 0.00	25.98 1.14 0.00	27.61 1.29 0.00	26.88 1.38 0.00	30.44 1.48 0.00	32.53 1.46 0.00	31.11 1.31 0.00	29.63 1.19 0.00	30.42 1.28 0.00	31.03 1.34 0.00	29.12 1.29 -0.34	28.38 1.35 -0.58	35.32 1.58 -0.15	40.11 1.80 0.00	45.50 2.00 0.00	44.96 1.94 0.00	41.28 1.89 0.00	37.87 1.53 0.00	34.94 1.35 0.00	32.31 1.24 0.00
CRICKET__VALLEY_CC1 323756	39.23 1.94 0.00	30.22 1.79 0.00	27.27 1.69 0.00	26.42 1.61 0.00	25.97 1.58 0.00	26.40 1.57 0.00	28.11 1.79 0.00	27.42 1.91 0.00	31.02 2.06 0.00	33.12 2.05 0.00	31.71 1.91 0.00	30.25 1.82 0.00	31.13 1.98 0.00	31.74 2.05 0.00	32.90 1.95 -3.47	34.42 1.98 -5.99	37.46 2.32 -1.56	40.92 2.61 0.00	46.28 2.79 0.00	45.51 2.49 0.00	41.83 2.44 0.00	38.23 1.89 0.00	35.31 1.71 0.00	32.74 1.68 0.00
CRICKET__VALLEY_CC2 323757	39.23 1.94 0.00	30.22 1.79 0.00	27.27 1.69 0.00	26.42 1.61 0.00	25.97 1.58 0.00	26.40 1.57 0.00	28.11 1.79 0.00	27.42 1.91 0.00	31.02 2.06 0.00	33.12 2.05 0.00	31.71 1.91 0.00	30.25 1.82 0.00	31.13 1.98 0.00	31.74 2.05 0.00	32.90 1.95 -3.47	34.42 1.98 -5.99	37.46 2.32 -1.56	40.92 2.61 0.00	46.28 2.79 0.00	45.51 2.49 0.00	41.83 2.44 0.00	38.23 1.89 0.00	35.31 1.71 0.00	32.74 1.68 0.00
CRICKET__VALLEY_CC3 323758	39.23 1.94 0.00	30.22 1.79 0.00	27.27 1.69 0.00	26.42 1.61 0.00	25.97 1.58 0.00	26.40 1.57 0.00	28.11 1.79 0.00	27.42 1.91 0.00	31.02 2.06 0.00	33.12 2.05 0.00	31.71 1.91 0.00	30.25 1.82 0.00	31.13 1.98 0.00	31.74 2.05 0.00	32.90 1.95 -3.47	34.42 1.98 -5.99	37.46 2.32 -1.56	40.92 2.61 0.00	46.28 2.79 0.00	45.51 2.49 0.00	41.83 2.44 0.00	38.23 1.89 0.00	35.31 1.71 0.00	32.74 1.68 0.00
CRUCIBLE_METL_DRP 24180	36.88 -0.41 0.00	28.28 -0.14 0.00	25.45 -0.13 0.00	24.64 -0.17 0.00	24.27 -0.12 0.00	24.69 -0.15 0.00	26.16 -0.16 0.00	25.23 -0.28 0.00	28.70 -0.26 0.00	30.61 -0.47 0.00	29.35 -0.45 0.00	28.01 -0.43 0.00	28.68 -0.47 0.00	29.21 -0.48 0.00	27.07 -0.41 0.00	26.10 -0.34 0.00	33.08 -0.50 0.00	37.74 -0.57 0.00	42.97 -0.52 0.00	42.55 -0.47 0.00	39.12 -0.28 0.00	36.02 -0.33 0.00	33.29 -0.30 0.00	30.76 -0.31 0.00
DAHOWA__HYDRO 323763	39.75 2.46 0.00	30.36 1.93 0.00	27.22 1.64 0.00	26.37 1.56 0.00	25.95 1.56 0.00	26.38 1.54 0.00	28.03 1.71 0.00	27.27 1.76 0.00	30.90 1.94 0.00	33.03 1.96 0.00	31.47 1.67 0.00	29.94 1.51 0.00	30.69 1.54 0.00	31.29 1.60 0.00	29.24 1.54 -0.22	28.44 1.61 -0.38	35.80 2.12 -0.10	40.80 2.49 0.00	46.37 2.87 0.00	46.03 3.01 0.00	42.31 2.91 0.00	38.78 2.44 0.00	35.75 2.15 0.00	32.87 1.80 0.00
DANC__LFGE 323619	37.18 -0.11 0.00	28.37 -0.06 0.00	25.56 -0.03 0.00	24.78 -0.02 0.00	24.41 0.02 0.00	24.81 -0.02 0.00	26.19 -0.13 0.00	25.25 -0.26 0.00	28.67 -0.29 0.00	30.51 -0.56 0.00	29.32 -0.48 0.00	27.95 -0.48 0.00	28.53 -0.61 0.00	29.04 -0.65 0.00	26.82 -0.66 0.00	25.86 -0.58 0.00	32.88 -0.71 0.00	37.66 -0.65 0.00	43.19 -0.30 0.00	43.06 0.04 0.00	39.63 0.24 0.00	36.53 0.18 0.00	33.76 0.17 0.00	31.04 -0.03 0.00
DANSKAMMER__1 23586	39.83 2.54 0.00	30.64 2.22 0.00	27.58 2.00 0.00	26.69 1.88 0.00	26.24 1.85 0.00	26.68 1.84 0.00	28.43 2.11 0.00	27.67 2.17 0.00	31.36 2.40 0.00	33.47 2.39 0.00	32.09 2.29 0.00	30.65 2.22 0.00	31.50 2.36 0.00	32.09 2.40 0.00	33.05 2.33 -3.23	34.35 2.33 -5.58	37.86 2.82 -1.46	41.49 3.18 0.00	46.98 3.48 0.00	46.33 3.31 0.00	42.54 3.15 0.00	38.89 2.54 0.00	35.95 2.35 0.00	33.24 2.17 0.00
DANSKAMMER__2 23589	39.83 2.54 0.00	30.64 2.22 0.00	27.58 2.00 0.00	26.69 1.88 0.00	26.24 1.85 0.00	26.68 1.84 0.00	28.43 2.11 0.00	27.67 2.17 0.00	31.36 2.40 0.00	33.47 2.39 0.00	32.09 2.29 0.00	30.65 2.22 0.00	31.50 2.36 0.00	32.09 2.40 0.00	33.05 2.33 -3.23	34.35 2.33 -5.58	37.86 2.82 -1.46	41.49 3.18 0.00	46.98 3.48 0.00	46.33 3.31 0.00	42.54 3.15 0.00	38.89 2.54 0.00	35.95 2.35 0.00	33.24 2.17 0.00
DANSKAMMER__3 23590	39.83 2.54 0.00	30.64 2.22 0.00	27.58 2.00 0.00	26.69 1.88 0.00	26.24 1.85 0.00	26.68 1.84 0.00	28.43 2.11 0.00	27.67 2.17 0.00	31.36 2.40 0.00	33.47 2.39 0.00	32.09 2.29 0.00	30.65 2.22 0.00	31.50 2.36 0.00	32.09 2.40 0.00	33.05 2.33 -3.23	34.35 2.33 -5.58	37.86 2.82 -1.46	41.49 3.18 0.00	46.98 3.48 0.00	46.33 3.31 0.00	42.54 3.15 0.00	38.89 2.54 0.00	35.95 2.35 0.00	33.24 2.17 0.00

DANSKAMMER___4 23591	39.83 2.54 0.00	30.64 2.22 0.00	27.58 2.00 0.00	26.69 1.88 0.00	26.24 1.85 0.00	26.68 1.84 0.00	28.43 2.11 0.00	27.67 2.17 0.00	31.36 2.40 0.00	33.47 2.39 0.00	32.09 2.29 0.00	30.65 2.22 0.00	31.50 2.36 0.00	32.09 2.40 0.00	33.05 2.33 -3.23	34.35 2.33 -5.58	37.86 2.82 -1.46	41.49 3.18 0.00	46.98 3.48 0.00	46.33 3.31 0.00	42.54 3.15 0.00	38.89 2.54 0.00	35.95 2.35 0.00	33.24 2.17 0.00
DANSKAMMER___DIESEL 23592	39.83 2.54 0.00	30.64 2.22 0.00	27.58 2.00 0.00	26.70 1.89 0.00	26.24 1.85 0.00	26.68 1.84 0.00	28.43 2.11 0.00	27.70 2.19 0.00	31.36 2.40 0.00	33.46 2.39 0.00	32.06 2.26 0.00	30.65 2.22 0.00	31.50 2.36 0.00	32.09 2.40 0.00	33.05 2.34 -3.23	34.35 2.33 -5.58	37.86 2.82 -1.46	41.49 3.18 0.00	46.98 3.48 0.00	46.33 3.31 0.00	42.54 3.15 0.00	38.89 2.54 0.00	35.95 2.35 0.00	33.24 2.17 0.00
DARBY___SOLAR 323810	39.57 2.28 0.00	30.22 1.79 0.00	27.12 1.53 0.00	26.27 1.46 0.00	25.85 1.46 0.00	26.28 1.44 0.00	27.93 1.61 0.00	27.16 1.66 0.00	30.78 1.83 0.00	32.87 1.80 0.00	31.35 1.55 0.00	29.85 1.42 0.00	30.60 1.46 0.00	31.17 1.48 0.00	29.15 1.43 -0.24	28.37 1.51 -0.42	35.64 1.95 -0.11	40.61 2.30 0.00	46.19 2.70 0.00	45.81 2.79 0.00	42.07 2.68 0.00	38.56 2.22 0.00	35.58 1.98 0.00	32.74 1.68 0.00
DASHVILLE___HYD 23610	39.83 2.54 0.00	30.64 2.22 0.00	27.58 2.00 0.00	26.70 1.89 0.00	26.24 1.85 0.00	26.65 1.81 0.00	28.40 2.08 0.00	27.68 2.17 0.00	31.33 2.37 0.00	33.43 2.36 0.00	32.03 2.23 0.00	30.62 2.19 0.00	31.50 2.36 0.00	32.06 2.38 0.00	32.41 2.39 -2.54	33.23 2.41 -4.38	37.62 2.89 -1.14	41.53 3.22 0.00	46.93 3.44 0.00	46.33 3.31 0.00	42.50 3.11 0.00	38.89 2.54 0.00	35.95 2.35 0.00	33.24 2.17 0.00
DELAWARE___LFGE 323621	38.26 0.97 0.00	29.31 0.88 0.00	26.37 0.79 0.00	25.55 0.74 0.00	25.14 0.76 0.00	25.58 0.75 0.00	27.14 0.82 0.00	26.30 0.79 0.00	29.86 0.90 0.00	31.85 0.78 0.00	30.54 0.74 0.00	29.17 0.74 0.00	29.90 0.76 0.00	30.46 0.77 0.00	28.34 0.71 -0.14	27.48 0.79 -0.25	34.56 0.91 -0.06	39.35 1.03 0.00	44.71 1.22 0.00	44.27 1.25 0.00	40.69 1.30 0.00	37.36 1.02 0.00	34.53 0.94 0.00	31.87 0.81 0.00
DERFIELD_115KV_TB7 355931	37.44 0.15 0.00	28.59 0.17 0.00	25.76 0.18 0.00	24.96 0.15 0.00	24.56 0.17 0.00	24.99 0.15 0.00	26.48 0.16 0.00	25.69 0.18 0.00	29.13 0.17 0.00	31.20 0.12 0.00	29.92 0.12 0.00	28.55 0.11 0.00	29.26 0.12 0.00	29.81 0.12 0.00	27.59 0.11 0.00	26.58 0.13 0.00	33.69 0.10 0.00	38.43 0.11 0.00	43.63 0.13 0.00	43.15 0.13 0.00	39.59 0.20 0.00	36.49 0.15 0.00	33.73 0.13 0.00	31.16 0.09 0.00
DOGLEVILLE___HYD 23807	38.22 0.93 0.00	29.16 0.74 0.00	26.25 0.67 0.00	25.43 0.62 0.00	25.02 0.63 0.00	25.46 0.62 0.00	26.98 0.66 0.00	26.07 0.56 0.00	29.60 0.64 0.00	31.69 0.62 0.00	30.39 0.60 0.00	29.00 0.57 0.00	29.70 0.55 0.00	30.19 0.50 0.00	27.90 0.41 0.00	26.87 0.42 0.00	34.02 0.44 0.00	38.77 0.46 0.00	44.11 0.61 0.00	43.75 0.73 0.00	40.14 0.75 0.00	37.11 0.76 0.00	34.33 0.74 0.00	31.75 0.68 0.00
DUNKIRK___115KV_TB_200 55889	36.58 -0.71 0.00	28.20 -0.23 0.00	25.09 -0.49 0.00	24.29 -0.52 0.00	23.97 -0.41 0.00	24.34 -0.50 0.00	25.85 -0.47 0.00	24.46 -1.05 0.00	28.29 -0.67 0.00	29.55 -1.52 0.00	28.90 -0.89 0.00	27.61 -0.82 0.00	28.18 -0.96 0.00	28.83 -0.86 0.00	26.63 -0.85 0.00	25.76 -0.69 0.00	32.34 -1.24 0.00	36.97 -1.34 0.00	42.10 -1.39 0.00	41.82 -1.20 0.00	38.76 -0.63 0.00	35.65 -0.69 0.00	33.12 -0.47 0.00	30.63 -0.43 0.00
DUNKIRK___1 23563	36.58 -0.71 0.00	28.20 -0.23 0.00	25.09 -0.49 0.00	24.29 -0.52 0.00	23.97 -0.41 0.00	24.34 -0.50 0.00	25.85 -0.47 0.00	24.46 -1.05 0.00	28.29 -0.67 0.00	29.55 -1.52 0.00	28.90 -0.89 0.00	27.61 -0.82 0.00	28.18 -0.96 0.00	28.83 -0.86 0.00	26.63 -0.85 0.00	25.76 -0.69 0.00	32.34 -1.24 0.00	36.97 -1.34 0.00	42.10 -1.39 0.00	41.82 -1.20 0.00	38.76 -0.63 0.00	35.65 -0.69 0.00	33.12 -0.47 0.00	30.63 -0.43 0.00
DUNKIRK___2 23564	36.58 -0.71 0.00	28.20 -0.23 0.00	25.09 -0.49 0.00	24.29 -0.52 0.00	23.97 -0.41 0.00	24.34 -0.50 0.00	25.85 -0.47 0.00	24.46 -1.05 0.00	28.29 -0.67 0.00	29.55 -1.52 0.00	28.90 -0.89 0.00	27.61 -0.82 0.00	28.18 -0.96 0.00	28.83 -0.86 0.00	26.63 -0.85 0.00	25.76 -0.69 0.00	32.34 -1.24 0.00	36.97 -1.34 0.00	42.10 -1.39 0.00	41.82 -1.20 0.00	38.76 -0.63 0.00	35.65 -0.69 0.00	33.12 -0.47 0.00	30.63 -0.43 0.00
DUNKIRK___3 23565	36.40 -0.89 0.00	28.05 -0.37 0.00	24.97 -0.61 0.00	24.16 -0.65 0.00	23.85 -0.54 0.00	24.22 -0.62 0.00	25.72 -0.61 0.00	24.33 -1.17 0.00	28.12 -0.84 0.00	29.36 -1.71 0.00	28.73 -1.07 0.00	27.44 -1.00 0.00	28.04 -1.11 0.00	28.68 -1.01 0.00	26.50 -0.99 0.00	25.60 -0.85 0.00	32.14 -1.44 0.00	36.74 -1.57 0.00	41.84 -1.65 0.00	41.56 -1.46 0.00	38.53 -0.87 0.00	35.43 -0.91 0.00	32.92 -0.67 0.00	30.51 -0.56 0.00
DUNKIRK___4 23566	36.40 -0.89 0.00	28.05 -0.37 0.00	24.97 -0.61 0.00	24.16 -0.65 0.00	23.85 -0.54 0.00	24.22 -0.62 0.00	25.72 -0.61 0.00	24.33 -1.17 0.00	28.12 -0.84 0.00	29.36 -1.71 0.00	28.73 -1.07 0.00	27.44 -1.00 0.00	28.04 -1.11 0.00	28.68 -1.01 0.00	26.50 -0.99 0.00	25.60 -0.85 0.00	32.14 -1.44 0.00	36.74 -1.57 0.00	41.84 -1.65 0.00	41.56 -1.46 0.00	38.53 -0.87 0.00	35.43 -0.91 0.00	32.92 -0.67 0.00	30.51 -0.56 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.98 2.68 0.00	30.73 2.30 0.00	27.63 2.05 0.00	26.77 1.96 0.00	26.31 1.93 0.00	26.73 1.89 0.00	28.53 2.21 0.00	27.85 2.35 0.00	31.57 2.61 0.00	33.74 2.67 0.00	32.27 2.47 0.00	30.93 2.50 0.00	31.82 2.68 0.00	32.45 2.76 0.00	33.43 2.61 -3.33	34.85 2.64 -5.76	38.24 3.16 -1.50	41.84 3.52 0.00	47.24 3.74 0.00	46.42 3.40 0.00	42.62 3.23 0.00	38.96 2.62 0.00	35.98 2.39 0.00	33.33 2.27 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.64 2.35 0.00	30.50 2.07 0.00	27.42 1.84 0.00	26.57 1.76 0.00	26.12 1.73 0.00	26.53 1.69 0.00	28.27 1.95 0.00	27.55 2.04 0.00	31.19 2.23 0.00	33.31 2.24 0.00	31.91 2.12 0.00	30.51 2.08 0.00	31.39 2.24 0.00	31.98 2.29 0.00	32.76 2.20 -3.08	33.98 2.22 -5.32	37.63 2.65 -1.39	41.30 2.99 0.00	46.72 3.22 0.00	46.07 3.05 0.00	42.31 2.91 0.00	38.67 2.33 0.00	35.74 2.15 0.00	33.09 2.02 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	40.43 3.13 -0.01	31.13 2.70 -0.01	27.99 2.40 -0.01	27.10 2.28 -0.01	26.64 2.24 -0.01	27.03 2.19 -0.01	28.77 2.45 0.00	28.03 2.53 0.00	31.56 2.61 0.00	33.71 2.64 0.00	32.24 2.44 0.00	30.93 2.50 0.00	31.88 2.74 0.00	32.48 2.79 0.00	33.46 2.64 -3.33	34.87 2.67 -5.76	38.28 3.19 -1.50	41.99 3.68 0.00	47.24 3.74 0.00	46.37 3.36 0.00	42.58 3.19 0.00	39.14 2.80 0.00	36.28 2.69 0.00	33.74 2.67 -0.01

E179THST_13_KV_LOAD 356214	40.62 3.32 -0.01	31.27 2.84 -0.01	28.12 2.53 -0.01	27.22 2.41 -0.01	26.76 2.37 -0.01	27.15 2.31 -0.01	28.90 2.58 0.00	28.16 2.65 0.00	31.71 2.75 0.00	33.87 2.80 0.00	32.39 2.59 0.00	31.10 2.67 0.00	32.03 2.89 0.00	32.63 2.94 0.00	33.62 2.80 -3.33	35.03 2.83 -5.76	38.48 3.39 -1.50	42.22 3.91 0.00	47.50 4.00 0.00	46.63 3.61 0.00	42.78 3.39 0.00	39.32 2.98 0.00	36.45 2.86 0.00	33.90 2.83 -0.01
EAST HAMPTON___GT 23717	41.83 3.95 -0.58	38.56 3.41 -6.73	37.44 3.04 -8.82	33.79 2.95 -6.03	35.18 2.95 -7.84	27.97 3.05 -0.08	41.94 3.53 -12.10	42.23 3.67 -13.05	44.88 4.26 -11.66	39.66 4.60 -3.99	36.02 4.26 -1.96	39.84 4.32 -7.09	45.64 4.60 -11.89	48.39 4.66 -14.04	49.60 4.23 -17.88	49.56 4.21 -18.91	52.75 5.01 -14.16	52.50 5.63 -8.56	52.34 5.79 -3.06	47.45 4.43 0.00	45.05 4.53 -1.13	45.89 3.71 -5.84	37.13 3.53 -0.01	35.45 3.57 -0.81
EAST RIVER___6 23660	40.24 2.95 0.00	30.93 2.50 0.00	27.81 2.22 0.00	26.92 2.11 0.00	26.46 2.07 0.00	26.88 2.04 0.00	28.69 2.37 0.00	28.03 2.53 0.00	31.74 2.78 0.00	33.90 2.83 0.00	32.42 2.62 0.00	31.08 2.64 0.00	32.03 2.89 0.00	32.66 2.97 0.00	33.65 2.83 -3.33	35.06 2.86 -5.76	38.52 3.43 -1.50	42.14 3.83 0.00	47.50 4.00 0.00	46.63 3.61 0.00	42.82 3.43 0.00	39.14 2.80 0.00	36.18 2.59 0.00	33.52 2.45 0.00
EAST RIVER___7 23524	40.24 2.95 0.00	30.93 2.50 0.00	27.81 2.22 0.00	26.92 2.11 0.00	26.46 2.07 0.00	26.88 2.04 0.00	28.69 2.37 0.00	28.03 2.53 0.00	31.74 2.78 0.00	33.90 2.83 0.00	32.42 2.62 0.00	31.08 2.64 0.00	32.03 2.89 0.00	32.66 2.97 0.00	33.65 2.83 -3.33	35.06 2.86 -5.76	38.52 3.43 -1.50	42.14 3.83 0.00	47.50 4.00 0.00	46.63 3.61 0.00	42.82 3.43 0.00	39.14 2.80 0.00	36.18 2.59 0.00	33.52 2.45 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.90 2.61 0.00	30.67 2.25 0.00	27.60 2.02 0.00	26.74 1.94 0.00	26.26 1.88 0.00	26.70 1.86 0.00	28.48 2.16 0.00	27.80 2.30 0.00	31.48 2.52 0.00	33.65 2.58 0.00	32.21 2.41 0.00	30.85 2.42 0.00	31.74 2.59 0.00	32.36 2.67 0.00	33.34 2.53 -3.33	34.75 2.57 -5.74	38.14 3.06 -1.50	41.72 3.41 0.00	47.11 3.61 0.00	46.29 3.27 0.00	42.50 3.11 0.00	38.89 2.54 0.00	35.91 2.32 0.00	33.27 2.21 0.00
EAST_HAMPTON___DIESEL 23722	41.79 3.91 -0.58	38.50 3.35 -6.73	37.39 2.99 -8.82	33.74 2.90 -6.03	35.15 2.93 -7.84	27.95 3.03 -0.08	41.92 3.50 -12.09	42.23 3.67 -13.05	44.85 4.23 -11.66	39.66 4.60 -3.99	35.99 4.23 -1.96	39.84 4.32 -7.09	45.67 4.63 -11.89	48.39 4.66 -14.04	49.60 4.23 -17.88	49.53 4.18 -18.91	52.71 4.97 -14.16	52.46 5.59 -8.56	52.30 5.74 -3.06	47.41 4.39 0.00	44.97 4.45 -1.13	45.81 3.63 -5.84	37.10 3.49 -0.01	35.39 3.51 -0.81
EAST_POINT___SOLAR 323840	39.94 2.65 0.00	30.33 1.90 0.00	27.12 1.53 0.00	26.30 1.49 0.00	25.90 1.51 0.00	26.33 1.49 0.00	27.85 1.53 0.00	26.81 1.30 0.00	30.32 1.36 0.00	32.32 1.24 0.00	31.02 1.22 0.00	29.34 0.91 0.00	29.58 0.44 0.00	30.14 0.45 0.00	27.76 0.27 0.00	26.50 0.05 0.00	33.72 0.13 0.00	38.74 0.42 0.00	44.63 1.13 0.00	45.73 2.71 0.00	42.43 3.03 0.00	39.07 2.73 0.00	35.95 2.35 0.00	32.93 1.86 0.00
EAST_PULASKI___ESR 323781	36.80 -0.49 0.00	28.14 -0.28 0.00	25.35 -0.23 0.00	24.56 -0.25 0.00	24.19 -0.20 0.00	24.59 -0.25 0.00	26.01 -0.31 0.00	25.10 -0.41 0.00	28.49 -0.46 0.00	30.36 -0.71 0.00	29.14 -0.66 0.00	27.81 -0.63 0.00	28.44 -0.70 0.00	28.98 -0.71 0.00	26.80 -0.69 0.00	25.84 -0.61 0.00	32.78 -0.81 0.00	37.47 -0.84 0.00	42.80 -0.70 0.00	42.51 -0.51 0.00	39.08 -0.32 0.00	36.02 -0.33 0.00	33.29 -0.30 0.00	30.69 -0.37 0.00
EAST_RIVER___1 323558	40.24 2.95 0.00	30.93 2.50 0.00	27.81 2.22 0.00	26.92 2.11 0.00	26.46 2.07 0.00	26.88 2.04 0.00	28.69 2.37 0.00	28.03 2.53 0.00	31.74 2.78 0.00	33.90 2.83 0.00	32.42 2.62 0.00	31.08 2.64 0.00	32.03 2.89 0.00	32.63 2.94 0.00	33.62 2.80 -3.33	35.06 2.86 -5.76	38.48 3.39 -1.50	42.14 3.83 0.00	47.45 3.96 0.00	46.63 3.61 0.00	42.82 3.43 0.00	39.14 2.80 0.00	36.18 2.59 0.00	33.52 2.45 0.00
EAST_RIVER___2 323559	40.24 2.95 0.00	30.93 2.50 0.00	27.81 2.22 0.00	26.92 2.11 0.00	26.46 2.07 0.00	26.88 2.04 0.00	28.69 2.37 0.00	28.03 2.53 0.00	31.74 2.78 0.00	33.90 2.83 0.00	32.42 2.62 0.00	31.08 2.64 0.00	32.03 2.89 0.00	32.66 2.97 0.00	33.65 2.83 -3.33	35.06 2.86 -5.76	38.52 3.43 -1.50	42.14 3.83 0.00	47.50 4.00 0.00	46.63 3.61 0.00	42.82 3.43 0.00	39.14 2.80 0.00	36.18 2.59 0.00	33.52 2.45 0.00
EAST___DELAWARE_HYD 23607	39.71 2.42 0.00	30.50 2.07 0.00	27.42 1.84 0.00	26.55 1.74 0.00	26.09 1.71 0.00	26.55 1.71 0.00	28.24 1.92 0.00	27.44 1.94 0.00	31.10 2.14 0.00	33.19 2.11 0.00	31.83 2.03 0.00	30.39 1.96 0.00	31.21 2.07 0.00	31.80 2.11 0.00	31.92 2.03 -2.41	32.66 2.06 -4.15	37.19 2.52 -1.08	41.22 2.91 0.00	46.76 3.26 0.00	46.25 3.23 0.00	42.47 3.07 0.00	38.85 2.51 0.00	35.95 2.35 0.00	33.18 2.11 0.00
EIGHT_POINT___WT_PWR 323820	37.25 -0.04 0.00	28.65 0.23 0.00	25.53 -0.05 0.00	24.69 -0.12 0.00	24.31 -0.07 0.00	24.69 -0.15 0.00	26.16 -0.16 0.00	24.79 -0.71 0.00	28.41 -0.55 0.00	29.71 -1.37 0.00	28.84 -0.95 0.00	27.47 -0.97 0.00	28.10 -1.05 0.00	28.68 -1.01 0.00	26.52 -0.96 0.00	25.63 -0.82 0.00	32.34 -1.24 0.00	37.05 -1.26 0.00	42.50 -1.00 0.00	42.38 -0.64 0.00	39.43 0.04 0.00	36.34 0.00 0.00	33.70 0.10 0.00	31.13 0.06 0.00
ELBRIDGE_115KV_TB2 80188	36.58 -0.71 0.00	28.08 -0.34 0.00	25.25 -0.33 0.00	24.46 -0.35 0.00	24.07 -0.32 0.00	24.49 -0.35 0.00	25.95 -0.37 0.00	25.02 -0.48 0.00	28.47 -0.49 0.00	30.33 -0.75 0.00	29.11 -0.69 0.00	27.78 -0.65 0.00	28.41 -0.73 0.00	28.98 -0.71 0.00	26.85 -0.63 0.00	25.89 -0.56 0.00	32.78 -0.81 0.00	37.43 -0.88 0.00	42.63 -0.87 0.00	42.16 -0.86 0.00	38.80 -0.59 0.00	35.73 -0.62 0.00	33.02 -0.57 0.00	30.51 -0.56 0.00
ELEC_TRO_TEK 24086	40.37 3.06 -0.02	35.12 2.62 -4.08	28.04 2.35 -0.10	27.12 2.23 -0.08	26.68 2.19 -0.10	27.07 2.21 -0.02	28.96 2.50 -0.14	28.28 2.60 -0.17	31.99 2.90 -0.13	40.92 2.92 -6.92	48.08 2.77 -15.51	40.73 2.62 -9.68	39.82 2.77 -7.91	39.34 2.85 -6.80	40.22 2.67 -10.07	39.72 2.70 -10.57	38.33 3.22 -1.52	42.05 3.72 -0.02	47.45 3.96 0.00	46.38 3.36 0.00	42.78 3.39 0.00	39.10 2.76 0.00	36.20 2.59 -0.02	35.02 2.52 -1.44
ELLENBURG_WT_PWR 323604	37.70 0.41 0.00	28.42 0.00 0.00	25.58 0.00 0.00	24.86 0.05 0.00	24.36 -0.02 0.00	24.86 0.02 0.00	26.27 -0.05 0.00	25.53 0.03 0.00	29.05 0.09 0.00	31.38 0.31 0.00	30.19 0.39 0.00	28.75 0.31 0.00	29.41 0.26 0.00	29.87 0.18 0.00	27.51 0.03 0.00	26.34 -0.11 0.00	33.65 0.07 0.00	38.47 0.15 0.00	43.84 0.35 0.00	43.45 0.43 0.00	39.63 0.24 0.00	36.71 0.36 0.00	33.90 0.30 0.00	31.38 0.31 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.95 -1.34 0.00	27.74 -0.68 0.00	24.66 -0.92 0.00	23.87 -0.94 0.00	23.56 -0.83 0.00	23.94 -0.89 0.00	25.40 -0.92 0.00	23.98 -1.53 0.00	27.71 -1.25 0.00	28.93 -2.14 0.00	28.34 -1.46 0.00	27.07 -1.36 0.00	27.66 -1.49 0.00	28.32 -1.37 0.00	26.17 -1.32 0.00	25.28 -1.16 0.00	31.70 -1.88 0.00	36.21 -2.11 0.00	41.19 -2.31 0.00	40.87 -2.15 0.00	37.93 -1.46 0.00	34.89 -1.45 0.00	32.52 -1.08 0.00	30.23 -0.84 0.00
EMPIRE_CC_1 323656	37.66 0.37 0.00	29.02 0.60 0.00	26.12 0.54 0.00	25.31 0.50 0.00	24.90 0.51 0.00	25.26 0.42 0.00	26.82 0.50 0.00	26.04 0.54 0.00	29.54 0.58 0.00	31.57 0.50 0.00	30.19 0.39 0.00	28.80 0.37 0.00	29.58 0.44 0.00	30.14 0.45 0.00	28.30 0.50 -0.32	27.56 0.56 -0.56	34.27 0.54 -0.15	38.85 0.54 0.00	43.98 0.48 0.00	43.45 0.43 0.00	39.90 0.51 0.00	36.63 0.29 0.00	33.86 0.27 0.00	31.31 0.25 0.00
EMPIRE_CC_2 323658	37.66 0.37 0.00	29.02 0.60 0.00	26.12 0.54 0.00	25.31 0.50 0.00	24.90 0.51 0.00	25.26 0.42 0.00	26.82 0.50 0.00	26.04 0.54 0.00	29.54 0.58 0.00	31.57 0.50 0.00	30.19 0.39 0.00	28.80 0.37 0.00	29.58 0.44 0.00	30.14 0.45 0.00	28.30 0.50 -0.32	27.56 0.56 -0.56	34.27 0.54 -0.15	38.85 0.54 0.00	43.98 0.48 0.00	43.45 0.43 0.00	39.90 0.51 0.00	36.63 0.29 0.00	33.86 0.27 0.00	31.31 0.25 0.00
ENORWICH_115KV_TB1 80156	39.45 2.16 0.00	30.13 1.71 0.00	27.09 1.51 0.00	26.27 1.46 0.00	25.95 1.56 0.00	26.40 1.56 0.00	27.80 1.47 0.00	26.71 1.20 0.00	30.32 1.36 0.00	31.97 0.90 0.00	30.78 0.98 0.00	29.31 0.88 0.00	29.93 0.79 0.00	30.46 0.77 0.00	28.22 0.63 -0.10	27.41 0.79 -0.17	34.60 0.97 -0.04	39.65 1.34 0.00	45.71 2.22 0.00	45.69 2.67 0.00	42.11 2.72 0.00	38.67 2.33 0.00	35.74 2.15 0.00	32.81 1.74 0.00
ERIE_ST__34_KV_TB1-2 80199	36.32 -0.97 0.00	28.00 -0.43 0.00	24.92 -0.67 0.00	24.11 -0.69 0.00	23.80 -0.59 0.00	24.17 -0.67 0.00	25.64 -0.74 0.00	24.28 -0.68 0.00	28.09 -1.22 0.00	29.36 -0.87 0.00	28.73 -1.07 0.00	27.47 -0.97 0.00	28.04 -1.11 0.00	28.71 -0.98 0.00	26.52 -0.96 0.00	25.68 -0.77 0.00	32.24 -1.34 0.00	36.86 -1.46 0.00	41.93 -1.57 0.00	41.60 -1.42 0.00	38.56 -0.83 0.00	35.51 -0.84 0.00	33.02 -0.57 0.00	30.54 -0.53 0.00
ERIE_WT_PWR 323693	36.17 -1.12 0.00	27.91 -0.51 0.00	24.81 -0.77 0.00	24.01 -0.79 0.00	23.70 -0.68 0.00	24.09 -0.74 0.00	25.56 -0.76 0.00	24.15 -1.35 0.00	27.92 -1.04 0.00	29.12 -1.96 0.00	28.52 -1.28 0.00	27.24 -1.19 0.00	27.83 -1.31 0.00	28.50 -1.19 0.00	26.33 -1.15 0.00	25.44 -1.00 0.00	31.94 -1.64 0.00	36.47 -1.84 0.00	41.54 -1.96 0.00	41.21 -1.81 0.00	38.25 -1.14 0.00	35.18 -1.16 0.00	32.76 -0.84 0.00	30.41 -0.65 0.00
ESPRGFLD_115KV_TB1 80157	38.82 1.53 0.00	29.59 1.17 0.00	26.55 0.97 0.00	25.75 0.94 0.00	25.36 0.98 0.00	25.81 0.97 0.00	27.35 1.03 0.00	26.37 0.87 0.00	29.94 0.98 0.00	31.88 0.81 0.00	30.63 0.83 0.00	29.17 0.74 0.00	29.78 0.64 0.00	30.34 0.65 0.00	28.16 0.58 -0.10	27.22 0.61 -0.17	34.37 0.74 -0.04	39.35 1.03 0.00	44.93 1.44 0.00	44.91 1.89 0.00	41.32 1.93 0.00	38.05 1.71 0.00	35.07 1.48 0.00	32.22 1.15 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	37.70 0.41 0.00	28.91 0.48 0.00	25.94 0.36 0.00	25.13 0.32 0.00	24.75 0.37 0.00	25.19 0.35 0.00	26.69 0.37 0.00	25.69 0.18 0.00	29.22 0.26 0.00	31.01 -0.06 0.00	29.80 0.00 0.00	28.43 0.00 0.00	29.09 -0.06 0.00	29.63 -0.06 0.00	27.43 -0.05 0.00	26.50 0.05 0.00	33.59 0.00 0.00	38.39 0.08 0.00	43.84 0.35 0.00	43.54 0.52 0.00	40.10 0.71 0.00	36.92 0.58 0.00	34.10 0.50 0.00	31.44 0.37 0.00
ETNA____115KV_TB2 80207	37.70 0.41 0.00	28.91 0.48 0.00	25.94 0.36 0.00	25.13 0.32 0.00	24.75 0.37 0.00	25.19 0.35 0.00	26.69 0.37 0.00	25.69 0.18 0.00	29.22 0.26 0.00	31.01 -0.06 0.00	29.80 0.00 0.00	28.43 0.00 0.00	29.09 -0.06 0.00	29.63 -0.06 0.00	27.43 -0.05 0.00	26.50 0.05 0.00	33.59 0.00 0.00	38.39 0.08 0.00	43.84 0.35 0.00	43.54 0.52 0.00	40.10 0.71 0.00	36.92 0.58 0.00	34.10 0.50 0.00	31.44 0.37 0.00
EUCLID__115KV_TB2 356179	36.73 -0.56 0.00	28.17 -0.26 0.00	25.35 -0.23 0.00	24.54 -0.27 0.00	24.17 -0.22 0.00	24.56 -0.27 0.00	26.06 -0.26 0.00	25.12 -0.38 0.00	28.58 -0.38 0.00	30.45 -0.62 0.00	29.23 -0.57 0.00	27.89 -0.54 0.00	28.56 -0.58 0.00	29.13 -0.56 0.00	26.96 -0.52 0.00	26.02 -0.42 0.00	32.95 -0.64 0.00	37.62 -0.69 0.00	42.80 -0.70 0.00	42.37 -0.65 0.00	38.96 -0.43 0.00	35.87 -0.47 0.00	33.16 -0.44 0.00	30.63 -0.43 0.00
E_CANADA_CAP_HY 24051	39.38 2.09 0.00	29.93 1.51 0.00	26.81 1.23 0.00	26.00 1.19 0.00	25.61 1.22 0.00	26.03 1.19 0.00	27.58 1.26 0.00	26.58 1.07 0.00	30.12 1.16 0.00	32.10 1.02 0.00	30.75 0.95 0.00	29.26 0.83 0.00	29.76 0.61 0.00	30.31 0.62 0.00	28.03 0.55 0.00	26.97 0.53 0.00	34.29 0.71 0.00	39.35 1.03 0.00	45.02 1.52 0.00	45.30 2.28 0.00	41.76 2.36 0.00	38.49 2.14 0.00	35.44 1.85 0.00	32.53 1.46 0.00
E_CANADA_MHWK_HY 24050	38.22 0.93 0.00	29.16 0.74 0.00	26.24 0.66 0.00	25.43 0.62 0.00	25.02 0.63 0.00	25.46 0.62 0.00	26.98 0.66 0.00	26.07 0.56 0.00	29.60 0.64 0.00	31.69 0.62 0.00	30.39 0.60 0.00	29.00 0.57 0.00	29.70 0.55 0.00	30.19 0.50 0.00	27.90 0.41 0.00	26.87 0.42 0.00	34.02 0.44 0.00	38.77 0.46 0.00	44.10 0.61 0.00	43.75 0.73 0.00	40.14 0.75 0.00	37.11 0.76 0.00	34.33 0.74 0.00	31.75 0.68 0.00
E_FISHKILL__LBMP 23776	39.53 2.24 0.00	30.39 1.96 0.00	27.37 1.79 0.00	26.52 1.71 0.00	26.07 1.68 0.00	26.48 1.64 0.00	28.22 1.90 0.00	27.52 2.02 0.00	31.16 2.20 0.00	33.31 2.24 0.00	31.85 2.06 0.00	30.48 2.05 0.00	31.36 2.21 0.00	31.95 2.26 0.00	33.08 2.17 -3.42	34.55 2.19 -5.91	37.71 2.59 -1.54	41.22 2.91 0.00	46.58 3.09 0.00	45.82 2.80 0.00	42.07 2.68 0.00	38.49 2.14 0.00	35.58 1.98 0.00	32.93 1.86 0.00
FALCON__SEABRD_CC1 323796	38.22 0.93 0.00	28.79 0.37 0.00	25.91 0.33 0.00	25.18 0.37 0.00	24.68 0.29 0.00	25.16 0.32 0.00	26.58 0.26 0.00	25.84 0.33 0.00	29.42 0.46 0.00	31.79 0.72 0.00	30.57 0.77 0.00	29.14 0.71 0.00	29.78 0.64 0.00	30.25 0.56 0.00	27.87 0.38 0.00	26.68 0.24 0.00	34.06 0.47 0.00	38.96 0.65 0.00	44.41 0.91 0.00	44.10 1.08 0.00	40.18 0.79 0.00	37.21 0.87 0.00	34.33 0.74 0.00	31.78 0.72 0.00
FALCON__SEABRD_CC2 323797	38.22 0.93 0.00	28.79 0.37 0.00	25.91 0.33 0.00	25.18 0.37 0.00	24.68 0.29 0.00	25.16 0.32 0.00	26.58 0.26 0.00	25.84 0.33 0.00	29.42 0.46 0.00	31.79 0.72 0.00	30.57 0.77 0.00	29.14 0.71 0.00	29.78 0.64 0.00	30.25 0.56 0.00	27.87 0.38 0.00	26.68 0.24 0.00	34.06 0.47 0.00	38.96 0.65 0.00	44.41 0.91 0.00	44.10 1.08 0.00	40.18 0.79 0.00	37.21 0.87 0.00	34.33 0.74 0.00	31.78 0.72 0.00

FAR ROCKAWAY___4 23548	41.22 3.92 -0.02	35.36 3.21 -3.72	28.55 2.89 -0.08	27.62 2.75 -0.06	27.16 2.71 -0.07	27.59 2.73 -0.02	29.47 3.05 -0.10	28.74 3.11 -0.13	32.53 3.48 -0.09	40.96 3.54 -6.34	63.25 3.40 -30.05	40.54 3.24 -8.87	39.78 3.41 -7.23	39.38 3.47 -6.22	40.26 3.27 -9.50	39.89 3.28 -10.17	39.07 3.96 -1.52	42.96 4.64 -0.01	48.54 5.05 0.00	47.45 4.43 0.00	43.72 4.33 0.00	39.94 3.60 0.00	36.97 3.36 -0.01	35.55 3.17 -1.32
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.24 2.95 0.00	30.95 2.53 0.00	27.81 2.23 0.00	26.92 2.11 0.00	26.46 2.07 0.00	26.87 2.04 0.00	28.72 2.40 0.00	28.03 2.53 0.00	31.74 2.78 0.00	33.90 2.83 0.00	32.42 2.62 0.00	31.11 2.67 0.00	32.03 2.89 0.00	32.66 2.97 0.00	33.65 2.83 -3.33	35.06 2.86 -5.76	38.51 3.43 -1.50	42.14 3.83 0.00	47.50 4.00 0.00	46.63 3.61 0.00	42.86 3.47 0.00	39.18 2.83 0.00	36.18 2.59 0.00	33.55 2.49 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.24 2.95 0.00	30.95 2.53 0.00	27.81 2.23 0.00	26.94 2.13 0.00	26.46 2.07 0.00	26.87 2.04 0.00	28.72 2.40 0.00	28.03 2.53 0.00	31.74 2.78 0.00	33.90 2.83 0.00	32.45 2.65 0.00	31.11 2.67 0.00	32.06 2.91 0.00	32.66 2.97 0.00	33.65 2.83 -3.33	35.06 2.86 -5.76	38.51 3.43 -1.50	42.14 3.83 0.00	47.50 4.00 0.00	46.68 3.66 0.00	42.86 3.47 0.00	39.18 2.83 0.00	36.21 2.62 0.00	33.55 2.49 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.20 2.91 0.00	30.93 2.50 0.00	27.78 2.20 0.00	26.92 2.11 0.00	26.44 2.05 0.00	26.85 2.01 0.00	28.69 2.37 0.00	28.01 2.50 0.00	31.74 2.78 0.00	33.90 2.83 0.00	32.42 2.62 0.00	31.08 2.64 0.00	32.03 2.89 0.00	32.63 2.94 0.00	33.62 2.80 -3.33	35.03 2.83 -5.76	38.48 3.39 -1.50	42.11 3.79 0.00	47.45 3.96 0.00	46.63 3.61 0.00	42.82 3.43 0.00	39.14 2.80 0.00	36.18 2.59 0.00	33.52 2.45 0.00
FARRAGUT___LBMP 323566	40.20 2.91 0.00	30.90 2.47 0.00	27.78 2.20 0.00	26.89 2.08 0.00	26.44 2.05 0.00	26.85 2.01 0.00	28.66 2.34 0.00	28.01 2.50 0.00	31.71 2.75 0.00	33.87 2.80 0.00	32.39 2.59 0.00	31.08 2.64 0.00	32.00 2.86 0.00	32.60 2.91 0.00	33.59 2.78 -3.33	35.03 2.83 -5.76	38.45 3.36 -1.50	42.11 3.79 0.00	47.41 3.91 0.00	46.59 3.57 0.00	42.78 3.39 0.00	39.10 2.76 0.00	36.15 2.55 0.00	33.49 2.42 0.00
FENNER___WINDPWR 24204	37.85 0.56 0.00	28.94 0.51 0.00	26.02 0.43 0.00	25.23 0.42 0.00	24.83 0.44 0.00	25.29 0.45 0.00	26.74 0.42 0.00	25.81 0.31 0.00	29.33 0.38 0.00	31.26 0.19 0.00	30.04 0.24 0.00	28.63 0.20 0.00	29.32 0.18 0.00	29.87 0.18 0.00	27.62 0.14 0.00	26.66 0.21 0.00	33.82 0.24 0.00	38.66 0.34 0.00	44.10 0.61 0.00	43.75 0.73 0.00	40.22 0.83 0.00	37.03 0.69 0.00	34.20 0.61 0.00	31.53 0.47 0.00
FIBERTEK___ENERGY 23856	36.88 -0.41 0.00	28.28 -0.14 0.00	25.45 -0.13 0.00	24.64 -0.17 0.00	24.27 -0.12 0.00	24.69 -0.15 0.00	26.16 -0.16 0.00	25.23 -0.28 0.00	28.70 -0.26 0.00	30.61 -0.47 0.00	29.35 -0.45 0.00	28.01 -0.43 0.00	28.68 -0.47 0.00	29.21 -0.48 0.00	27.07 -0.41 0.00	26.10 -0.34 0.00	33.08 -0.50 0.00	37.74 -0.57 0.00	42.97 -0.52 0.00	42.55 -0.47 0.00	39.12 -0.28 0.00	36.02 -0.33 0.00	33.29 -0.30 0.00	30.76 -0.31 0.00
FITZPATRICK___ 23598	36.06 -1.23 0.00	27.66 -0.77 0.00	24.89 -0.69 0.00	24.12 -0.69 0.00	23.73 -0.66 0.00	24.14 -0.70 0.00	25.61 -0.71 0.00	24.72 -0.79 0.00	28.09 -0.87 0.00	29.96 -1.12 0.00	28.70 -1.10 0.00	27.38 -1.05 0.00	28.07 -1.08 0.00	28.59 -1.10 0.00	26.50 -0.99 0.00	25.52 -0.93 0.00	32.34 -1.24 0.00	36.90 -1.42 0.00	41.97 -1.52 0.00	41.56 -1.46 0.00	38.17 -1.22 0.00	35.14 -1.20 0.00	32.49 -1.11 0.00	30.07 -1.00 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.90 2.61 0.00	30.70 2.27 0.00	27.60 2.02 0.00	26.72 1.91 0.00	26.26 1.88 0.00	26.70 1.86 0.00	28.45 2.13 0.00	27.73 2.22 0.00	31.39 2.43 0.00	33.50 2.42 0.00	32.12 2.32 0.00	30.68 2.25 0.00	31.56 2.42 0.00	32.12 2.43 0.00	33.11 2.36 -3.26	34.46 2.38 -5.63	37.91 2.85 -1.47	41.57 3.26 0.00	47.02 3.52 0.00	46.42 3.40 0.00	42.58 3.19 0.00	38.96 2.62 0.00	36.01 2.42 0.00	33.27 2.21 0.00
FORT ORANGE___ 23900	37.89 0.59 0.00	29.13 0.71 0.00	26.19 0.61 0.00	25.38 0.57 0.00	24.97 0.58 0.00	25.36 0.52 0.00	26.95 0.63 0.00	26.17 0.66 0.00	29.63 0.67 0.00	31.66 0.59 0.00	30.30 0.51 0.00	28.92 0.48 0.00	29.67 0.53 0.00	30.25 0.56 0.00	28.27 0.63 -0.16	27.43 0.71 -0.27	34.43 0.77 -0.07	39.08 0.77 0.00	44.32 0.82 0.00	43.84 0.82 0.00	40.26 0.87 0.00	36.92 0.58 0.00	34.20 0.61 0.00	31.56 0.50 0.00
FORT_DRUM_COGEN 23780	37.70 0.41 0.00	28.62 0.20 0.00	25.81 0.23 0.00	25.06 0.25 0.00	24.70 0.32 0.00	25.14 0.30 0.00	26.43 0.11 0.00	25.48 -0.03 0.00	28.90 -0.06 0.00	30.76 -0.31 0.00	29.59 -0.21 0.00	28.18 -0.26 0.00	28.65 -0.50 0.00	29.16 -0.53 0.00	26.88 -0.60 0.00	25.92 -0.53 0.00	33.01 -0.57 0.00	37.93 -0.38 0.00	43.76 0.26 0.00	43.75 0.73 0.00	40.30 0.91 0.00	37.18 0.84 0.00	34.33 0.74 0.00	31.47 0.40 0.00
FOX_HILLS___ESR 323835	40.54 3.24 -0.01	31.19 2.76 -0.01	27.99 2.40 -0.01	27.12 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.24 2.73 -0.01	31.89 2.92 -0.01	34.03 2.95 -0.01	32.58 2.77 -0.01	31.26 2.81 -0.01	32.18 3.03 -0.01	32.81 3.12 -0.01	33.77 2.94 -3.34	35.17 2.96 -5.77	38.66 3.56 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.81 3.79 -0.01	42.98 3.58 -0.01	39.44 3.09 -0.01	36.49 2.89 -0.01	33.81 2.73 -0.01
FPL_FAR_ROCK_GT1 24212	41.22 3.91 -0.02	35.36 3.21 -3.72	28.55 2.89 -0.08	27.62 2.75 -0.06	27.17 2.71 -0.07	27.59 2.73 -0.02	29.47 3.05 -0.10	28.74 3.11 -0.13	32.53 3.47 -0.09	40.95 3.54 -6.34	63.28 3.43 -30.05	40.54 3.24 -8.87	39.78 3.41 -7.23	39.38 3.47 -6.22	40.26 3.27 -9.50	39.89 3.28 -10.17	39.06 3.96 -1.52	42.92 4.60 -0.01	48.54 5.04 0.00	47.45 4.43 0.00	43.72 4.33 0.00	39.94 3.60 0.00	36.97 3.36 -0.01	35.56 3.17 -1.32
FPL_FAR_ROCK_GT2 23815	41.22 3.91 -0.02	35.36 3.21 -3.72	28.55 2.89 -0.08	27.62 2.75 -0.06	27.17 2.71 -0.07	27.59 2.73 -0.02	29.47 3.05 -0.10	28.74 3.11 -0.13	32.53 3.47 -0.09	40.95 3.54 -6.34	63.28 3.43 -30.05	40.54 3.24 -8.87	39.78 3.41 -7.23	39.38 3.47 -6.22	40.26 3.27 -9.50	39.89 3.28 -10.17	39.06 3.96 -1.52	42.92 4.60 -0.01	48.54 5.04 0.00	47.45 4.43 0.00	43.72 4.33 0.00	39.94 3.60 0.00	36.97 3.36 -0.01	35.56 3.17 -1.32
FRANKLIN_FALL_HYD 24054	38.07 0.78 0.00	28.65 0.23 0.00	25.81 0.23 0.00	25.06 0.25 0.00	24.58 0.20 0.00	25.06 0.22 0.00	26.48 0.16 0.00	25.76 0.26 0.00	29.39 0.43 0.00	31.76 0.68 0.00	30.57 0.77 0.00	29.14 0.71 0.00	29.76 0.61 0.00	30.25 0.56 0.00	27.84 0.36 0.00	26.66 0.21 0.00	34.09 0.50 0.00	39.00 0.69 0.00	44.50 1.00 0.00	44.18 1.16 0.00	40.26 0.87 0.00	37.29 0.94 0.00	34.37 0.77 0.00	31.75 0.68 0.00

FREEPORT_EQUS_GT1 23764	40.62 3.32 -0.01	34.40 2.84 -3.13	28.26 2.53 -0.15	27.35 2.43 -0.10	26.91 2.39 -0.13	27.24 2.38 -0.01	29.23 2.71 -0.20	28.52 2.78 -0.23	32.28 3.13 -0.19	39.51 3.17 -5.26	45.33 3.01 -12.52	38.63 2.84 -7.36	38.19 3.00 -6.05	38.00 3.09 -5.22	38.82 2.89 -8.45	38.77 2.91 -9.42	38.59 3.49 -1.51	42.27 3.95 -0.01	47.76 4.27 0.00	46.67 3.65 0.00	43.06 3.66 0.00	39.32 2.98 0.00	36.50 2.89 -0.01	34.93 2.76 -1.10
FREEPORT___CT2 23818	40.62 3.32 -0.01	34.40 2.84 -3.13	28.26 2.53 -0.15	27.35 2.43 -0.10	26.91 2.39 -0.13	27.24 2.38 -0.01	29.23 2.71 -0.20	28.52 2.78 -0.23	32.28 3.13 -0.19	39.51 3.17 -5.26	45.33 3.01 -12.52	38.63 2.84 -7.36	38.19 3.00 -6.05	38.00 3.09 -5.22	38.82 2.89 -8.45	38.77 2.91 -9.42	38.59 3.49 -1.51	42.27 3.95 -0.01	47.76 4.27 0.00	46.67 3.65 0.00	43.06 3.66 0.00	39.32 2.98 0.00	36.50 2.89 -0.01	34.93 2.76 -1.10
FRESHKLS_33_KV_LOAD 356253	40.58 3.28 -0.01	31.22 2.79 -0.01	28.02 2.43 -0.01	27.15 2.33 -0.01	26.66 2.27 -0.01	27.08 2.24 -0.01	28.96 2.63 -0.01	28.27 2.75 -0.01	31.92 2.95 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.81 -0.01	32.21 3.06 -0.01	32.84 3.15 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.72 3.63 -1.51	42.42 4.10 -0.01	47.72 4.22 -0.01	46.90 3.87 -0.01	43.06 3.66 -0.01	39.48 3.13 -0.01	36.53 2.92 -0.01	33.84 2.76 -0.01
FULTON COGEN____ 23766	36.32 -0.97 0.00	27.86 -0.57 0.00	25.07 -0.51 0.00	24.29 -0.52 0.00	23.90 -0.49 0.00	24.32 -0.52 0.00	25.77 -0.55 0.00	24.87 -0.64 0.00	28.26 -0.70 0.00	30.14 -0.93 0.00	28.90 -0.89 0.00	27.58 -0.85 0.00	28.24 -0.90 0.00	28.77 -0.92 0.00	26.63 -0.85 0.00	25.70 -0.74 0.00	32.54 -1.04 0.00	37.16 -1.15 0.00	42.32 -1.17 0.00	41.90 -1.12 0.00	38.49 -0.91 0.00	35.47 -0.87 0.00	32.75 -0.84 0.00	30.29 -0.78 0.00
FULTON___LFGE 323630	39.68 2.39 0.00	30.19 1.76 0.00	27.01 1.43 0.00	26.20 1.39 0.00	25.80 1.41 0.00	26.20 1.37 0.00	27.79 1.47 0.00	26.86 1.35 0.00	30.46 1.50 0.00	32.47 1.40 0.00	31.11 1.31 0.00	29.60 1.17 0.00	30.16 1.02 0.00	30.73 1.04 0.00	28.45 0.96 0.00	27.40 0.95 0.00	34.79 1.21 0.00	39.92 1.61 0.00	45.63 2.13 0.00	45.78 2.76 0.00	42.11 2.72 0.00	38.74 2.40 0.00	35.68 2.08 0.00	32.74 1.68 0.00
G.F.CEMENT___DRP 24184	40.16 2.87 0.00	30.58 2.16 0.00	27.37 1.79 0.00	26.52 1.71 0.00	26.12 1.73 0.00	26.55 1.71 0.00	28.19 1.87 0.00	27.45 1.94 0.00	31.13 2.17 0.00	33.31 2.24 0.00	31.71 1.91 0.00	30.17 1.73 0.00	30.89 1.75 0.00	31.47 1.78 0.00	29.43 1.76 -0.18	28.56 1.80 -0.32	36.15 2.49 -0.08	41.22 2.91 0.00	46.98 3.48 0.00	46.63 3.61 0.00	42.78 3.39 0.00	39.21 2.87 0.00	36.11 2.52 0.00	33.15 2.08 0.00
GARDENVILLE___LBMP 24039	36.06 -1.23 0.00	27.86 -0.57 0.00	24.76 -0.82 0.00	23.97 -0.84 0.00	23.66 -0.73 0.00	24.04 -0.79 0.00	25.48 -0.84 0.00	24.05 -1.45 0.00	27.77 -1.19 0.00	28.99 -2.08 0.00	28.37 -1.43 0.00	27.10 -1.34 0.00	27.69 -1.46 0.00	28.35 -1.34 0.00	26.19 -1.29 0.00	25.31 -1.14 0.00	31.77 -1.81 0.00	36.32 -1.99 0.00	41.32 -2.17 0.00	41.04 -1.98 0.00	38.13 -1.26 0.00	35.07 -1.27 0.00	32.65 -0.94 0.00	30.32 -0.75 0.00
GARDNVLA_35_KV_LD 355827	36.21 -1.08 0.00	27.94 -0.48 0.00	24.84 -0.74 0.00	24.04 -0.77 0.00	23.73 -0.66 0.00	24.12 -0.72 0.00	25.58 -0.74 0.00	24.16 -1.35 0.00	27.95 -1.01 0.00	29.18 -1.90 0.00	28.55 -1.25 0.00	27.30 -1.14 0.00	27.89 -1.25 0.00	28.56 -1.13 0.00	26.39 -1.10 0.00	25.49 -0.95 0.00	31.97 -1.61 0.00	36.55 -1.76 0.00	41.58 -1.91 0.00	41.30 -1.72 0.00	38.33 -1.06 0.00	35.25 -1.09 0.00	32.82 -0.77 0.00	30.44 -0.62 0.00
GELCKHM___115KV_LOAD 80723	36.77 -0.52 0.00	28.23 -0.20 0.00	25.38 -0.20 0.00	24.56 -0.25 0.00	24.19 -0.20 0.00	24.61 -0.22 0.00	26.08 -0.24 0.00	25.18 -0.33 0.00	28.64 -0.32 0.00	30.51 -0.56 0.00	29.29 -0.51 0.00	27.95 -0.48 0.00	28.62 -0.52 0.00	29.16 -0.53 0.00	27.02 -0.47 0.00	26.05 -0.40 0.00	33.01 -0.57 0.00	37.66 -0.65 0.00	42.89 -0.61 0.00	42.42 -0.60 0.00	39.00 -0.39 0.00	35.91 -0.44 0.00	33.19 -0.40 0.00	30.66 -0.40 0.00
GENERAL___MILLS 23808	36.13 -1.16 0.00	27.91 -0.51 0.00	24.81 -0.77 0.00	24.02 -0.79 0.00	23.70 -0.68 0.00	24.07 -0.77 0.00	25.53 -0.79 0.00	24.13 -1.38 0.00	27.89 -1.07 0.00	29.11 -1.96 0.00	28.49 -1.31 0.00	27.24 -1.19 0.00	27.83 -1.31 0.00	28.50 -1.19 0.00	26.30 -1.18 0.00	25.44 -1.00 0.00	31.91 -1.68 0.00	36.47 -1.84 0.00	41.50 -2.00 0.00	41.17 -1.85 0.00	38.21 -1.18 0.00	35.18 -1.16 0.00	32.75 -0.84 0.00	30.38 -0.68 0.00
GE_PLASTICS___DRP 24183	37.81 0.52 0.00	29.05 0.63 0.00	26.17 0.59 0.00	25.36 0.55 0.00	24.92 0.54 0.00	25.33 0.50 0.00	26.90 0.58 0.00	26.12 0.61 0.00	29.63 0.67 0.00	31.66 0.59 0.00	30.31 0.51 0.00	28.92 0.48 0.00	29.70 0.55 0.00	30.25 0.56 0.00	28.09 0.60 0.00	27.11 0.66 0.00	34.29 0.71 0.00	39.04 0.73 0.00	44.19 0.70 0.00	43.71 0.69 0.00	40.10 0.71 0.00	36.82 0.47 0.00	34.10 0.50 0.00	31.50 0.43 0.00
GILBOA___1 23756	38.11 0.82 0.00	29.25 0.82 0.00	26.35 0.77 0.00	25.55 0.74 0.00	25.12 0.73 0.00	25.53 0.69 0.00	27.14 0.82 0.00	26.35 0.84 0.00	29.89 0.93 0.00	31.94 0.87 0.00	30.57 0.77 0.00	29.17 0.74 0.00	29.93 0.79 0.00	30.52 0.83 0.00	27.78 0.82 0.53	26.40 0.87 0.92	34.32 0.97 0.24	39.38 1.07 0.00	44.54 1.04 0.00	43.97 0.95 0.00	40.46 1.06 0.00	37.14 0.80 0.00	34.33 0.74 0.00	31.75 0.68 0.00
GILBOA___2 23757	38.11 0.82 0.00	29.25 0.82 0.00	26.35 0.77 0.00	25.55 0.74 0.00	25.12 0.73 0.00	25.53 0.69 0.00	27.14 0.82 0.00	26.35 0.84 0.00	29.89 0.93 0.00	31.94 0.87 0.00	30.57 0.77 0.00	29.17 0.74 0.00	29.93 0.79 0.00	30.52 0.83 0.00	27.78 0.82 0.53	26.40 0.87 0.92	34.32 0.97 0.24	39.38 1.07 0.00	44.54 1.04 0.00	43.97 0.95 0.00	40.46 1.06 0.00	37.14 0.80 0.00	34.33 0.74 0.00	31.75 0.68 0.00
GILBOA___3 23758	38.11 0.82 0.00	29.25 0.82 0.00	26.35 0.77 0.00	25.55 0.74 0.00	25.12 0.73 0.00	25.53 0.69 0.00	27.14 0.82 0.00	26.35 0.84 0.00	29.89 0.93 0.00	31.94 0.87 0.00	30.57 0.77 0.00	29.17 0.74 0.00	29.93 0.79 0.00	30.52 0.83 0.00	27.78 0.82 0.53	26.40 0.87 0.92	34.32 0.97 0.24	39.38 1.07 0.00	44.54 1.04 0.00	43.97 0.95 0.00	40.46 1.06 0.00	37.14 0.80 0.00	34.33 0.74 0.00	31.75 0.68 0.00
GILBOA___4 23759	38.11 0.82 0.00	29.25 0.82 0.00	26.35 0.77 0.00	25.55 0.74 0.00	25.12 0.73 0.00	25.53 0.69 0.00	27.14 0.82 0.00	26.35 0.84 0.00	29.89 0.93 0.00	31.94 0.87 0.00	30.57 0.77 0.00	29.17 0.74 0.00	29.93 0.79 0.00	30.52 0.83 0.00	27.78 0.82 0.53	26.40 0.87 0.92	34.32 0.97 0.24	39.38 1.07 0.00	44.54 1.04 0.00	43.97 0.95 0.00	40.46 1.06 0.00	37.14 0.80 0.00	34.33 0.74 0.00	31.75 0.68 0.00

GILBOA____ 23599	38.11 0.82 0.00	29.25 0.82 0.00	26.35 0.77 0.00	25.55 0.74 0.00	25.12 0.73 0.00	25.53 0.70 0.00	27.14 0.82 0.00	26.35 0.84 0.00	29.89 0.93 0.00	31.91 0.84 0.00	30.54 0.74 0.00	29.17 0.74 0.00	29.93 0.79 0.00	30.52 0.83 0.00	27.78 0.82 0.53	26.40 0.87 0.92	34.32 0.97 0.24	39.39 1.07 0.00	44.54 1.04 0.00	43.97 0.95 0.00	40.46 1.06 0.00	37.14 0.80 0.00	34.33 0.74 0.00	31.75 0.68 0.00
GINNA____ 23603	34.75 -2.54 0.00	26.75 -1.68 0.00	23.87 -1.71 0.00	23.10 -1.71 0.00	22.80 -1.58 0.00	23.10 -1.74 0.00	24.48 -1.84 0.00	23.44 -2.07 0.00	26.85 -2.11 0.00	28.37 -2.70 0.00	27.53 -2.27 0.00	26.27 -2.16 0.00	26.84 -2.30 0.00	27.43 -2.26 0.00	25.42 -2.06 0.00	24.57 -1.88 0.00	31.00 -2.59 0.00	35.40 -2.91 0.00	40.41 -3.09 0.00	40.05 -2.97 0.00	36.95 -2.44 0.00	33.94 -2.40 0.00	31.48 -2.12 0.00	29.08 -1.99 0.00
GLEN PARK____ 23778	37.74 0.45 0.00	28.65 0.23 0.00	25.84 0.26 0.00	25.08 0.27 0.00	24.75 0.37 0.00	25.19 0.35 0.00	26.45 0.13 0.00	25.48 -0.03 0.00	28.87 -0.09 0.00	30.70 -0.37 0.00	29.56 -0.24 0.00	28.12 -0.31 0.00	28.59 -0.55 0.00	29.10 -0.59 0.00	26.82 -0.66 0.00	25.89 -0.56 0.00	32.98 -0.60 0.00	37.89 -0.42 0.00	43.80 0.31 0.00	43.88 0.86 0.00	40.41 1.02 0.00	37.25 0.91 0.00	34.40 0.80 0.00	31.50 0.43 0.00
GLENDALE_27_KV_LOAD 356172	40.50 3.21 0.00	31.16 2.73 -0.01	27.99 2.40 -0.01	27.12 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.87 2.55 0.00	28.19 2.68 0.00	31.88 2.92 0.00	34.06 2.98 0.00	32.57 2.77 0.00	31.25 2.81 0.00	32.20 3.06 0.00	32.81 3.12 0.00	33.76 2.94 -3.33	35.19 2.99 -5.76	38.65 3.56 -1.50	42.34 4.02 0.00	47.67 4.18 0.00	46.85 3.83 0.00	43.02 3.62 0.00	39.40 3.05 0.00	36.42 2.82 0.00	33.78 2.70 -0.01
GLENWOOD_IC_1_G5 23712	40.40 3.10 -0.02	35.09 2.64 -4.02	28.09 2.35 -0.16	27.18 2.26 -0.12	26.75 2.22 -0.14	27.07 2.21 -0.02	29.06 2.53 -0.21	28.39 2.63 -0.25	32.09 2.92 -0.21	40.84 2.98 -6.78	43.04 2.71 -10.53	40.64 2.73 -9.48	39.86 2.94 -7.78	39.40 3.00 -6.71	40.25 2.83 -9.93	39.78 2.86 -10.47	38.53 3.43 -1.52	42.08 3.75 -0.02	47.32 3.83 0.00	46.38 3.36 0.00	42.66 3.27 0.00	39.25 2.91 0.00	36.33 2.72 -0.02	35.06 2.58 -1.41
GLENWOOD_IC_2_G1 23688	40.16 2.87 0.00	31.07 2.47 -0.17	27.78 2.20 0.00	26.92 2.11 0.00	26.46 2.07 0.00	26.90 2.06 0.00	28.70 2.37 0.00	27.99 2.47 -0.01	31.72 2.75 0.00	34.16 2.80 -0.29	32.71 2.62 -0.28	31.40 2.56 -0.41	32.21 2.74 -0.33	32.80 2.82 -0.29	33.77 2.67 -3.62	35.11 2.70 -5.96	38.31 3.22 -1.50	41.91 3.60 0.00	47.32 3.83 0.00	46.42 3.40 0.00	42.70 3.31 0.00	39.07 2.73 0.00	36.12 2.52 0.00	33.52 2.39 -0.06
GLENWOOD_IC_3_G1 23689	40.16 2.87 0.00	31.07 2.47 -0.17	27.78 2.20 0.00	26.92 2.11 0.00	26.46 2.07 0.00	26.90 2.06 0.00	28.70 2.37 0.00	27.99 2.47 -0.01	31.72 2.75 0.00	34.16 2.80 -0.29	32.71 2.62 -0.28	31.40 2.56 -0.41	32.21 2.74 -0.33	32.80 2.82 -0.29	33.77 2.67 -3.62	35.11 2.70 -5.96	38.31 3.22 -1.50	41.91 3.60 0.00	47.32 3.83 0.00	46.42 3.40 0.00	42.70 3.31 0.00	39.07 2.73 0.00	36.12 2.52 0.00	33.52 2.39 -0.06
GLENWOOD____4 23550	40.40 3.10 -0.02	35.09 2.64 -4.02	28.09 2.35 -0.16	27.18 2.26 -0.12	26.75 2.22 -0.14	27.07 2.21 -0.02	29.06 2.53 -0.21	28.39 2.63 -0.25	32.09 2.92 -0.21	40.84 2.98 -6.78	43.07 2.74 -10.53	40.64 2.73 -9.48	39.86 2.94 -7.78	39.40 3.00 -6.71	40.25 2.83 -9.93	39.78 2.86 -10.47	38.53 3.43 -1.52	42.12 3.79 -0.02	47.45 3.96 0.00	46.46 3.44 0.00	42.78 3.39 0.00	39.25 2.91 0.00	36.33 2.72 -0.02	35.06 2.58 -1.41
GLENWOOD____5 23614	40.40 3.10 -0.02	35.09 2.64 -4.02	28.09 2.35 -0.16	27.18 2.26 -0.12	26.75 2.22 -0.14	27.07 2.21 -0.02	29.06 2.53 -0.21	28.39 2.63 -0.25	32.09 2.92 -0.21	40.84 2.98 -6.78	43.07 2.74 -10.53	40.64 2.73 -9.48	39.86 2.94 -7.78	39.40 3.00 -6.71	40.25 2.83 -9.93	39.78 2.86 -10.47	38.53 3.43 -1.52	42.12 3.79 -0.02	47.45 3.96 0.00	46.46 3.44 0.00	42.78 3.39 0.00	39.25 2.91 0.00	36.33 2.72 -0.02	35.06 2.58 -1.41
GLOBAL GREEN_PORT_GT1 23814	42.05 4.18 -0.58	38.70 3.55 -6.73	37.58 3.17 -8.82	33.89 3.05 -6.03	35.28 3.05 -7.85	28.05 3.13 -0.08	42.03 3.61 -12.10	42.29 3.72 -13.06	44.89 4.26 -11.67	39.66 4.60 -3.99	35.96 4.20 -1.96	39.76 4.24 -7.09	45.55 4.52 -11.89	48.30 4.57 -14.04	49.58 4.21 -17.89	49.53 4.18 -18.91	52.72 4.97 -14.16	52.51 5.63 -8.56	52.43 5.87 -3.06	47.63 4.61 0.00	45.24 4.72 -1.13	46.07 3.89 -5.84	37.30 3.70 -0.01	35.51 3.63 -0.81
GLOBE____DSASP 323697	34.75 -2.54 0.00	26.86 -1.56 0.00	23.84 -1.74 0.00	23.07 -1.74 0.00	22.78 -1.61 0.00	23.15 -1.69 0.00	24.58 -1.74 0.00	23.16 -2.35 0.00	26.79 -2.17 0.00	27.90 -3.17 0.00	27.39 -2.41 0.00	26.16 -2.27 0.00	26.72 -2.42 0.00	27.37 -2.32 0.00	25.26 -2.23 0.00	24.36 -2.09 0.00	30.53 -3.06 0.00	34.83 -3.49 0.00	39.58 -3.91 0.00	39.28 -3.74 0.00	36.48 -2.91 0.00	33.54 -2.80 0.00	31.31 -2.28 0.00	29.23 -1.83 0.00
GOETHSLN____LBMP 323567	40.01 2.72 0.00	30.81 2.39 0.00	27.68 2.10 0.00	26.79 1.98 0.00	26.34 1.95 0.00	26.75 1.91 0.00	28.56 2.24 0.00	27.90 2.40 0.00	31.59 2.64 0.00	33.74 2.67 0.00	32.30 2.50 0.00	30.96 2.53 0.00	31.91 2.77 0.00	32.51 2.82 0.00	33.51 2.69 -3.33	34.95 2.75 -5.76	38.38 3.29 -1.50	41.99 3.68 0.00	47.28 3.78 0.00	46.42 3.40 0.00	42.66 3.27 0.00	39.00 2.65 0.00	36.01 2.42 0.00	33.40 2.33 0.00
GOLAH____69_KV_TB 1_2 80279	36.32 -0.97 0.00	28.00 -0.43 0.00	24.94 -0.64 0.00	24.14 -0.67 0.00	23.83 -0.56 0.00	24.17 -0.67 0.00	25.61 -0.71 0.00	24.33 -1.17 0.00	27.92 -1.04 0.00	29.36 -1.71 0.00	28.55 -1.25 0.00	27.24 -1.19 0.00	27.83 -1.31 0.00	28.47 -1.22 0.00	26.36 -1.13 0.00	25.47 -0.98 0.00	32.07 -1.51 0.00	36.70 -1.61 0.00	41.89 -1.61 0.00	41.64 -1.38 0.00	38.53 -0.87 0.00	35.36 -0.98 0.00	32.82 -0.77 0.00	30.41 -0.65 0.00
GOODYEAR_LAKE_HYD 323669	38.52 1.23 0.00	29.45 1.02 0.00	26.48 0.90 0.00	25.68 0.87 0.00	25.27 0.88 0.00	25.71 0.87 0.00	27.27 0.95 0.00	26.37 0.87 0.00	29.97 1.01 0.00	31.91 0.84 0.00	30.66 0.86 0.00	29.26 0.82 0.00	29.96 0.82 0.00	30.52 0.83 0.00	28.36 0.74 -0.13	27.49 0.82 -0.22	34.58 0.94 -0.06	39.46 1.15 0.00	44.93 1.44 0.00	44.61 1.59 0.00	41.01 1.62 0.00	37.69 1.34 0.00	34.80 1.21 0.00	32.06 0.99 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	37.36 0.07 0.00	28.68 0.26 0.00	25.71 0.13 0.00	24.91 0.10 0.00	24.53 0.15 0.00	24.96 0.12 0.00	26.48 0.16 0.00	25.48 -0.03 0.00	29.05 0.09 0.00	30.79 -0.28 0.00	29.68 -0.12 0.00	28.32 -0.11 0.00	29.00 -0.15 0.00	29.57 -0.12 0.00	27.47 -0.11 -0.10	26.59 -0.03 -0.17	33.46 -0.17 -0.04	38.16 -0.15 0.00	43.45 -0.04 0.00	43.02 0.00 0.00	39.67 0.28 0.00	36.49 0.15 0.00	33.76 0.17 0.00	31.19 0.12 0.00

GOUDEY___7 23579	37.36 0.07 0.00	28.68 0.26 0.00	25.71 0.13 0.00	24.91 0.10 0.00	24.53 0.15 0.00	24.96 0.12 0.00	26.48 0.16 0.00	25.48 -0.03 0.00	29.05 0.09 0.00	30.79 -0.28 0.00	29.68 -0.12 0.00	28.32 -0.11 0.00	29.00 -0.15 0.00	29.57 -0.12 0.00	27.47 -0.11 -0.10	26.59 -0.03 -0.17	33.46 -0.17 -0.04	38.16 -0.15 0.00	43.45 -0.04 0.00	43.02 0.00 0.00	39.67 0.28 0.00	36.49 0.15 0.00	33.76 0.17 0.00	31.19 0.12 0.00
GOUDEY___8 23580	37.36 0.07 0.00	28.68 0.26 0.00	25.71 0.13 0.00	24.91 0.10 0.00	24.53 0.15 0.00	24.96 0.12 0.00	26.48 0.16 0.00	25.48 -0.03 0.00	29.05 0.09 0.00	30.79 -0.28 0.00	29.68 -0.12 0.00	28.32 -0.11 0.00	29.00 -0.15 0.00	29.57 -0.12 0.00	27.47 -0.11 -0.10	26.59 -0.03 -0.17	33.46 -0.17 -0.04	38.16 -0.15 0.00	43.45 -0.04 0.00	43.02 0.00 0.00	39.67 0.28 0.00	36.49 0.15 0.00	33.76 0.17 0.00	31.19 0.12 0.00
GOWANUS_GT1_1 24077	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.12 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.24 2.73 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.81 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.59 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.86 -0.01	33.81 2.73 -0.01
GOWANUS_GT1_2 24078	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.12 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.24 2.73 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.81 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.59 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.86 -0.01	33.81 2.73 -0.01
GOWANUS_GT1_3 24079	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.12 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.24 2.73 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.81 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.59 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.86 -0.01	33.81 2.73 -0.01
GOWANUS_GT1_4 24080	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.12 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.24 2.73 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.81 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.59 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.86 -0.01	33.81 2.73 -0.01
GOWANUS_GT1_5 24084	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.12 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.24 2.73 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.81 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.59 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.86 -0.01	33.81 2.73 -0.01
GOWANUS_GT1_6 24111	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	2																				

GOWANUS_GT2_6 24119	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
GOWANUS_GT2_7 24120	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
GOWANUS_GT2_8 24121	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
GOWANUS_GT3_1 24122	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
GOWANUS_GT3_2 24123	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
GOWANUS_GT3_3 24124	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
GOWANUS_GT3_4 24125	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
GOWANUS_GT3_5 24126	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
GOWANUS_GT3_6 24127	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
GOWANUS_GT3_7 24128	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
GOWANUS_GT3_8 24129	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
GOWANUS_GT4_1 24130	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.12 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.24 2.73 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.81 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.59 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.86 -0.01	33.81 2.73 -0.01
GOWANUS_GT4_2 24131	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.12 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.24 2.73 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.81 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.59 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.86 -0.01	33.81 2.73 -0.01
GOWANUS_GT4_3 24132	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.12 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.24 2.73 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.81 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.59 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.86 -0.01	33.81 2.73 -0.01
GOWANUS_GT4_4 24133	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.12 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.24 2.73 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.81 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.59 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.86 -0.01	33.81 2.73 -0.01

GOWANUS_GT4_5 24134	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.12 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.24 2.73 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.81 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.59 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.86 -0.01	33.81 2.73 -0.01
GOWANUS_GT4_6 24135	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.12 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.24 2.73 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.81 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.59 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.86 -0.01	33.81 2.73 -0.01
GOWANUS_GT4_7 24136	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.12 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.24 2.73 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.81 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.59 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.86 -0.01	33.81 2.73 -0.01
GOWANUS_GT4_8 24137	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.12 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.24 2.73 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.81 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.59 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.86 -0.01	33.81 2.73 -0.01
GREATVR_69_KV_BK1 356245	41.60 3.95 -0.35	36.84 3.35 -5.06	33.97 2.99 -5.39	31.35 2.85 -3.69	31.99 2.80 -4.80	27.70 2.81 -0.05	36.87 3.16 -7.39	36.73 3.24 -7.98	39.71 3.62 -7.13	38.84 3.70 -4.07	35.89 3.49 -2.60	38.30 3.27 -6.60	41.73 3.50 -9.09	43.38 3.56 -10.13	44.49 3.33 -13.68	44.58 3.33 -14.80	46.66 4.00 -9.08	48.00 4.56 -5.13	50.29 4.96 -1.83	47.24 4.22 0.00	44.32 4.25 -0.67	43.33 3.49 -3.49	37.13 3.53 -0.01	35.26 3.36 -0.84
GREENBSH_115KV_TB3 55895	37.63 0.34 0.00	28.96 0.54 0.00	26.07 0.49 0.00	25.26 0.45 0.00	24.85 0.46 0.00	25.24 0.40 0.00	26.82 0.50 0.00	26.04 0.54 0.00	29.51 0.55 0.00	31.57 0.50 0.00	30.22 0.42 0.00	28.83 0.40 0.00	29.61 0.47 0.00	30.16 0.48 0.00	28.11 0.52 -0.11	27.24 0.61 -0.18	34.27 0.64 -0.05	38.89 0.57 0.00	44.02 0.52 0.00	43.54 0.52 0.00	39.94 0.55 0.00	36.67 0.33 0.00	33.96 0.37 0.00	31.38 0.31 0.00
GREENDGE_115KV_TB5 80291	37.14 -0.15 0.00	28.57 0.14 0.00	25.53 -0.05 0.00	24.69 -0.12 0.00	24.34 -0.05 0.00	24.74 -0.10 0.00	26.24 -0.08 0.00	25.07 -0.43 0.00	28.67 -0.29 0.00	30.23 -0.84 0.00	29.23 -0.57 0.00	27.89 -0.54 0.00	28.50 -0.64 0.00	29.07 -0.62 0.00	26.91 -0.58 0.00	26.02 -0.42 0.00	32.91 -0.67 0.00	37.66 -0.65 0.00	42.80 -0.70 0.00	42.46 -0.56 0.00	39.59 0.20 0.00	36.42 0.07 0.00	33.66 0.07 0.00	31.07 0.00 0.00
GREENIDGE___3 23582	37.14 -0.15 0.00	28.57 0.14 0.00	25.53 -0.05 0.00	24.69 -0.12 0.00	24.34 -0.05 0.00	24.74 -0.10 0.00	26.24 -0.08 0.00	25.07 -0.43 0.00	28.67 -0.29 0.00	30.23 -0.84 0.00	29.23 -0.57 0.00	27.89 -0.54 0.00	28.50 -0.64 0.00	29.07 -0.62 0.00	26.91 -0.58 0.00	26.02 -0.42 0.00	32.91 -0.67 0.00	37.66 -0.65 0.00	42.80 -0.70 0.00	42.46 -0.56 0.00	39.59 0.20 0.00	36.42 0.07 0.00	33.66 0.07 0.00	31.07 0.00 0.00
GREENIDGE___4 23583	37.14 -0.15 0.00	28.57 0.14 0.00	25.53 -0.05 0.00	24.69 -0.12 0.00	24.34 -0.05 0.00	24.74 -0.10 0.00	26.24 -0.08 0.00	25.07 -0.43 0.00	28.67 -0.29 0.00	30.23 -0.84 0.00	29.23 -0.57 0.00	27.89 -0.54 0.00	28.50 -0.64 0.00	29.06 -0.62 0.00	26.91 -0.58 0.00	26.02 -0.42 0.00	32.91 -0.67 0.00	37.66 -0.65 0.00	42.80 -0.70 0.00	42.46 -0.56 0.00	39.59 0.20 0.00	36.42 0.07 0.00	33.66 0.07 0.00	31.07 0.00 0.00
GREENLWN_69_KV_BK 3 55738	40.64 3.47 0.12	33.09 2.96 -1.71	27.01 2.66 1.23	26.50 2.53 0.84	25.78 2.49 1.09	27.34 2.51 0.01	27.48 2.84 1.69	26.61 2.91 1.81	30.60 3.27 1.63	38.39 3.32 -3.99	35.19 3.04 -2.35	36.61 2.93 -5.25	35.56 3.12 -3.29	35.07 3.18 -2.20	35.34 2.97 -4.89	35.70 2.99 -6.27	35.86 3.53 1.25	40.36 3.91 1.86	47.05 4.22 0.67	46.25 3.23 0.00	42.69 3.55 0.25	37.94 2.87 1.27	36.39 2.79 -0.01	34.70 2.80 -0.83
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.12 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.24 2.73 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.81 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.59 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.86 -0.01	33.81 2.73 -0.01
GRISSOM___SOLAR 323813	39.57 2.28 0.00	30.13 1.71 0.00	26.99 1.41 0.00	26.17 1.36 0.00	25.75 1.36 0.00	26.18 1.34 0.00	27.77 1.45 0.00	26.86 1.35 0.00	30.46 1.50 0.00	32.50 1.43 0.00	31.14 1.34 0.00	29.63 1.19 0.00	30.22 1.08 0.00	30.79 1.10 0.00	28.53 1.04 0.00	27.48 1.03 0.00	34.89 1.31 0.00	40.00 1.68 0.00	45.63 2.13 0.00	45.69 2.67 0.00	42.03 2.64 0.00	38.63 2.29 0.00	35.61 2.02 0.00	32.68 1.61 0.00
GROVEVILLE___HYD 323602	39.90 2.61 0.00	30.70 2.27 0.00	27.60 2.02 0.00	26.72 1.91 0.00	26.26 1.88 0.00	26.70 1.86 0.00	28.45 2.13 0.00	27.73 2.22 0.00	31.39 2.43 0.00	33.50 2.42 0.00	32.12 2.32 0.00	30.68 2.25 0.00	31.56 2.42 0.00	32.12 2.43 0.00	33.11 2.36 -3.26	34.46 2.38 -5.63	37.91 2.85 -1.47	41.57 3.26 0.00	47.02 3.52 0.00	46.42 3.40 0.00	42.58 3.19 0.00	38.96 2.62 0.00	36.01 2.42 0.00	33.27 2.21 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.88 -0.41 0.00	28.28 -0.14 0.00	25.45 -0.13 0.00	24.64 -0.17 0.00	24.27 -0.12 0.00	24.69 -0.15 0.00	26.16 -0.16 0.00	25.23 -0.28 0.00	28.70 -0.26 0.00	30.61 -0.47 0.00	29.35 -0.45 0.00	28.01 -0.43 0.00	28.68 -0.47 0.00	29.21 -0.48 0.00	27.07 -0.41 0.00	26.10 -0.34 0.00	33.08 -0.50 0.00	37.74 -0.57 0.00	42.97 -0.52 0.00	42.55 -0.47 0.00	39.12 -0.28 0.00	36.02 -0.33 0.00	33.29 -0.30 0.00	30.76 -0.31 0.00
HAMLTNNY_34_KV_TB 80303	36.81 -0.48 0.00	28.25 -0.17 0.00	25.38 -0.20 0.00	24.56 -0.25 0.00	24.19 -0.20 0.00	24.61 -0.22 0.00	26.08 -0.24 0.00	25.12 -0.38 0.00	28.61 -0.35 0.00	30.45 -0.62 0.00	29.26 -0.54 0.00	27.92 -0.51 0.00	28.56 -0.58 0.00	29.13 -0.56 0.00	26.99 -0.49 0.00	26.05 -0.40 0.00	32.98 -0.60 0.00	37.62 -0.69 0.00	42.84 -0.65 0.00	42.42 -0.60 0.00	39.04 -0.35 0.00	35.94 -0.40 0.00	33.22 -0.37 0.00	30.69 -0.37 0.00

HAMPSHIRE___PAPER_HYD 323593	37.44 0.15 0.00	28.25 -0.17 0.00	25.50 -0.08 0.00	24.76 -0.05 0.00	24.36 -0.02 0.00	24.84 0.00 0.00	26.19 -0.13 0.00	25.36 -0.15 0.00	28.82 -0.14 0.00	30.92 -0.15 0.00	29.80 0.00 0.00	28.38 -0.06 0.00	28.91 -0.23 0.00	29.39 -0.30 0.00	27.04 -0.44 0.00	26.00 -0.45 0.00	33.25 -0.34 0.00	38.08 -0.23 0.00	43.63 0.13 0.00	43.41 0.39 0.00	39.75 0.35 0.00	36.81 0.47 0.00	34.00 0.40 0.00	31.31 0.25 0.00
HARDSCRABBLE_WT_PWR 323673	38.07 0.78 0.00	29.05 0.62 0.00	26.14 0.56 0.00	25.33 0.52 0.00	24.92 0.54 0.00	25.36 0.52 0.00	26.88 0.55 0.00	25.99 0.48 0.00	29.51 0.55 0.00	31.60 0.53 0.00	30.30 0.51 0.00	28.89 0.45 0.00	29.61 0.46 0.00	30.07 0.38 0.00	27.82 0.33 0.00	26.76 0.32 0.00	33.89 0.30 0.00	38.66 0.34 0.00	43.93 0.43 0.00	43.54 0.52 0.00	39.98 0.59 0.00	36.92 0.58 0.00	34.20 0.61 0.00	31.63 0.56 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.75 2.46 0.00	30.56 2.13 0.00	27.47 1.89 0.00	26.62 1.81 0.00	26.17 1.78 0.00	26.58 1.74 0.00	28.32 2.00 0.00	27.60 2.09 0.00	31.28 2.32 0.00	33.37 2.30 0.00	32.00 2.21 0.00	30.59 2.16 0.00	31.47 2.33 0.00	32.03 2.35 0.00	32.78 2.28 -3.02	33.96 2.30 -5.21	37.70 2.75 -1.36	41.45 3.14 0.00	46.89 3.39 0.00	46.20 3.18 0.00	42.42 3.03 0.00	38.81 2.47 0.00	35.85 2.25 0.00	33.15 2.08 0.00
HARSNRAD_115KV_TB1 81005	35.57 -1.72 0.00	27.57 -0.85 0.00	24.51 -1.07 0.00	23.72 -1.09 0.00	23.44 -0.95 0.00	23.79 -1.04 0.00	25.19 -1.13 0.00	23.65 -1.86 0.00	27.34 -1.62 0.00	28.49 -2.58 0.00	27.92 -1.88 0.00	26.67 -1.76 0.00	27.25 -1.89 0.00	27.91 -1.78 0.00	25.78 -1.70 0.00	24.88 -1.56 0.00	31.20 -2.38 0.00	35.63 -2.68 0.00	40.54 -2.96 0.00	40.27 -2.75 0.00	37.38 -2.01 0.00	34.42 -1.93 0.00	32.08 -1.51 0.00	29.98 -1.09 0.00
HARZA MOOSE___RIVER 24016	37.89 0.60 0.00	28.82 0.40 0.00	25.99 0.41 0.00	25.21 0.40 0.00	24.83 0.44 0.00	25.29 0.45 0.00	26.69 0.37 0.00	25.79 0.28 0.00	29.28 0.32 0.00	31.26 0.19 0.00	30.04 0.24 0.00	28.60 0.17 0.00	29.11 -0.03 0.00	29.63 -0.06 0.00	27.37 -0.11 0.00	26.37 -0.08 0.00	33.52 -0.07 0.00	38.39 0.08 0.00	43.97 0.48 0.00	43.75 0.73 0.00	40.34 0.95 0.00	37.14 0.80 0.00	34.33 0.74 0.00	31.59 0.53 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	36.84 -0.45 0.00	28.28 -0.14 0.00	25.43 -0.15 0.00	24.61 -0.20 0.00	24.24 -0.15 0.00	24.64 -0.20 0.00	26.14 -0.18 0.00	25.20 -0.31 0.00	28.67 -0.29 0.00	30.54 -0.53 0.00	29.32 -0.48 0.00	27.98 -0.45 0.00	28.65 -0.50 0.00	29.18 -0.50 0.00	27.04 -0.44 0.00	26.10 -0.34 0.00	33.05 -0.54 0.00	37.74 -0.57 0.00	42.93 -0.57 0.00	42.50 -0.52 0.00	39.08 -0.32 0.00	35.98 -0.36 0.00	33.26 -0.34 0.00	30.72 -0.34 0.00
HELLGATE_13_KV_LD 55870	40.46 3.17 0.00	31.16 2.73 -0.01	28.02 2.43 -0.01	27.12 2.31 -0.01	26.66 2.27 -0.01	27.08 2.24 -0.01	28.87 2.55 0.00	28.18 2.68 0.00	31.82 2.87 0.00	33.96 2.89 0.00	32.51 2.71 0.00	31.19 2.76 0.00	32.14 3.00 0.00	32.75 3.06 0.00	33.70 2.89 -3.33	35.11 2.91 -5.76	38.58 3.49 -1.50	42.26 3.95 0.00	47.54 4.05 0.00	46.72 3.70 0.00	42.90 3.51 0.00	39.32 2.98 0.00	36.38 2.79 0.00	33.81 2.73 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.46 3.17 0.00	31.16 2.73 -0.01	28.02 2.43 -0.01	27.12 2.31 -0.01	26.66 2.27 -0.01	27.08 2.24 -0.01	28.87 2.55 0.00	28.18 2.68 0.00	31.82 2.87 0.00	33.96 2.89 0.00	32.51 2.71 0.00	31.19 2.76 0.00	32.14 3.00 0.00	32.75 3.06 0.00	33.70 2.89 -3.33	35.11 2.91 -5.76	38.58 3.49 -1.50	42.26 3.95 0.00	47.54 4.05 0.00	46.72 3.70 0.00	42.90 3.51 0.00	39.32 2.98 0.00	36.38 2.79 0.00	33.81 2.73 -0.01
HEMPSTEAD___ 23647	40.33 3.02 -0.02	34.48 2.59 -3.47	28.06 2.33 -0.15	27.15 2.23 -0.11	26.72 2.20 -0.13	27.04 2.19 -0.01	29.02 2.50 -0.20	28.34 2.60 -0.23	32.05 2.90 -0.19	39.84 2.92 -5.85	43.31 2.74 -10.77	39.22 2.61 -8.18	38.65 2.80 -6.71	38.34 2.85 -5.80	39.20 2.70 -9.02	38.99 2.72 -9.83	38.33 3.22 -1.52	41.93 3.60 -0.01	47.37 3.87 0.00	46.29 3.27 0.00	42.70 3.31 0.00	39.07 2.73 0.00	36.23 2.62 -0.01	34.80 2.52 -1.22
HICKLING___1 23621	37.33 0.04 0.00	28.71 0.28 0.00	25.63 0.05 0.00	24.81 0.00 0.00	24.44 0.05 0.00	24.86 0.02 0.00	26.37 0.05 0.00	25.12 -0.38 0.00	28.76 -0.20 0.00	30.26 -0.81 0.00	29.32 -0.48 0.00	27.95 -0.48 0.00	28.59 -0.55 0.00	29.16 -0.53 0.00	26.99 -0.49 0.00	26.07 -0.37 0.00	32.95 -0.64 0.00	37.70 -0.61 0.00	43.06 -0.43 0.00	42.80 -0.22 0.00	39.67 0.28 0.00	36.52 0.18 0.00	33.80 0.20 0.00	31.19 0.12 0.00
HICKLING___2 23622	37.33 0.04 0.00	28.71 0.28 0.00	25.63 0.05 0.00	24.81 0.00 0.00	24.44 0.05 0.00	24.86 0.02 0.00	26.37 0.05 0.00	25.12 -0.38 0.00	28.76 -0.20 0.00	30.26 -0.81 0.00	29.32 -0.48 0.00	27.95 -0.48 0.00	28.59 -0.55 0.00	29.16 -0.53 0.00	26.99 -0.49 0.00	26.07 -0.37 0.00	32.95 -0.64 0.00	37.70 -0.61 0.00	43.06 -0.43 0.00	42.80 -0.22 0.00	39.67 0.28 0.00	36.52 0.18 0.00	33.80 0.20 0.00	31.19 0.12 0.00
HIGH FALLS___HY 23754	40.01 2.72 0.00	30.78 2.36 0.00	27.68 2.10 0.00	26.79 1.98 0.00	26.34 1.95 0.00	26.78 1.94 0.00	28.53 2.21 0.00	27.78 2.27 0.00	31.45 2.49 0.00	33.53 2.45 0.00	32.15 2.35 0.00	30.74 2.30 0.00	31.62 2.48 0.00	32.18 2.49 0.00	32.45 2.39 -2.58	33.33 2.43 -4.45	37.70 2.96 -1.16	41.76 3.45 0.00	47.28 3.78 0.00	46.68 3.66 0.00	42.86 3.47 0.00	39.18 2.83 0.00	36.21 2.62 0.00	33.46 2.39 0.00
HIGH_RIVER___SOLAR 323847	38.86 1.57 0.00	29.67 1.25 0.00	26.63 1.05 0.00	25.83 1.02 0.00	25.41 1.02 0.00	25.83 0.99 0.00	27.40 1.08 0.00	26.53 1.02 0.00	30.06 1.10 0.00	32.04 0.96 0.00	30.66 0.86 0.00	29.20 0.77 0.00	29.81 0.67 0.00	30.34 0.65 0.00	28.06 0.58 0.00	27.03 0.58 0.00	34.29 0.71 0.00	39.38 1.07 0.00	44.93 1.43 0.00	44.87 1.85 0.00	41.24 1.85 0.00	37.90 1.56 0.00	34.97 1.38 0.00	32.22 1.15 0.00
HILLBURN___GT 23639	39.83 2.54 0.00	30.64 2.22 0.00	27.55 1.97 0.00	26.69 1.88 0.00	26.22 1.83 0.00	26.65 1.81 0.00	28.43 2.11 0.00	27.73 2.22 0.00	31.39 2.43 0.00	33.56 2.49 0.00	32.15 2.35 0.00	30.76 2.33 0.00	31.65 2.51 0.00	32.24 2.55 0.00	33.03 2.45 -3.10	34.26 2.46 -5.35	37.94 2.96 -1.40	41.61 3.30 0.00	47.02 3.52 0.00	46.29 3.27 0.00	42.50 3.11 0.00	38.85 2.51 0.00	35.91 2.32 0.00	33.24 2.17 0.00
HILLSIDE_115KV_TB1 80332	36.69 -0.60 0.00	28.20 -0.23 0.00	25.22 -0.36 0.00	24.41 -0.40 0.00	24.05 -0.34 0.00	24.47 -0.37 0.00	25.98 -0.34 0.00	24.84 -0.66 0.00	28.41 -0.55 0.00	29.95 -1.12 0.00	28.99 -0.80 0.00	27.67 -0.77 0.00	28.30 -0.85 0.00	28.86 -0.83 0.00	26.71 -0.77 0.00	25.81 -0.63 0.00	32.61 -0.97 0.00	37.28 -1.03 0.00	42.45 -1.04 0.00	42.12 -0.90 0.00	38.96 -0.43 0.00	35.87 -0.47 0.00	33.19 -0.40 0.00	30.66 -0.40 0.00

HISHELDN_WT_PWR 323625	36.21 -1.08 0.00	27.91 -0.51 0.00	24.86 -0.72 0.00	24.04 -0.77 0.00	23.73 -0.66 0.00	24.09 -0.74 0.00	25.56 -0.76 0.00	24.13 -1.38 0.00	27.77 -1.19 0.00	28.99 -2.08 0.00	28.31 -1.49 0.00	27.01 -1.42 0.00	27.60 -1.55 0.00	28.24 -1.45 0.00	26.08 -1.40 0.00	25.20 -1.24 0.00	31.71 -1.88 0.00	36.24 -2.07 0.00	41.37 -2.13 0.00	41.13 -1.89 0.00	38.25 -1.14 0.00	35.22 -1.13 0.00	32.76 -0.84 0.00	30.38 -0.68 0.00
HOLTSVILLE_IC_1 23690	41.33 3.47 -0.57	38.04 2.98 -6.63	36.88 2.66 -8.64	33.27 2.56 -5.91	34.58 2.51 -7.68	27.45 2.53 -0.08	41.01 2.84 -11.85	41.23 2.93 -12.79	43.66 3.27 -11.43	38.38 3.33 -3.98	34.77 3.04 -1.93	38.33 2.84 -7.05	43.91 3.03 -11.74	46.61 3.09 -13.83	48.01 2.86 -17.67	48.03 2.88 -18.70	50.92 3.43 -13.91	50.53 3.83 -8.39	50.63 4.13 -3.00	46.38 3.36 0.00	44.00 3.50 -1.10	44.94 2.87 -5.72	36.56 2.96 -0.01	34.74 2.86 -0.81
HOLTSVILLE_IC_10 23699	41.60 3.69 -0.62	38.57 3.15 -6.99	37.72 2.81 -9.32	33.89 2.70 -6.37	35.34 2.66 -8.29	27.61 2.68 -0.08	42.11 3.00 -12.79	42.39 3.09 -13.80	44.73 3.44 -12.33	38.60 3.51 -4.01	35.13 3.25 -2.08	38.69 3.04 -7.21	44.74 3.26 -12.34	47.65 3.32 -14.64	49.06 3.08 -18.49	49.01 3.07 -19.49	52.13 3.69 -14.85	51.48 4.14 -9.03	51.21 4.48 -3.23	46.67 3.65 0.00	44.40 3.82 -1.19	45.63 3.13 -6.16	36.80 3.19 -0.01	34.93 3.05 -0.82
HOLTSVILLE_IC_2 23691	41.33 3.47 -0.57	38.04 2.98 -6.63	36.88 2.66 -8.64	33.27 2.56 -5.91	34.58 2.51 -7.68	27.45 2.53 -0.08	41.01 2.84 -11.85	41.23 2.93 -12.79	43.66 3.27 -11.43	38.38 3.33 -3.98	34.77 3.04 -1.93	38.33 2.84 -7.05	43.91 3.03 -11.74	46.61 3.09 -13.83	48.01 2.86 -17.67	48.03 2.88 -18.70	50.92 3.43 -13.91	50.53 3.83 -8.39	50.63 4.13 -3.00	46.38 3.36 0.00	44.00 3.50 -1.10	44.94 2.87 -5.72	36.56 2.96 -0.01	34.74 2.86 -0.81
HOLTSVILLE_IC_3 23692	41.33 3.47 -0.57	38.04 2.98 -6.63	36.88 2.66 -8.64	33.27 2.56 -5.91	34.58 2.51 -7.68	27.45 2.53 -0.08	41.01 2.84 -11.85	41.23 2.93 -12.79	43.66 3.27 -11.43	38.38 3.33 -3.98	34.77 3.04 -1.93	38.33 2.84 -7.05	43.91 3.03 -11.74	46.61 3.09 -13.83	48.01 2.86 -17.67	48.03 2.88 -18.70	50.92 3.43 -13.91	50.53 3.83 -8.39	50.63 4.13 -3.00	46.38 3.36 0.00	44.00 3.50 -1.10	44.94 2.87 -5.72	36.56 2.96 -0.01	34.74 2.86 -0.81
HOLTSVILLE_IC_4 23693	41.33 3.47 -0.57	38.04 2.98 -6.63	36.88 2.66 -8.64	33.27 2.56 -5.91	34.58 2.51 -7.68	27.45 2.53 -0.08	41.01 2.84 -11.85	41.23 2.93 -12.79	43.66 3.27 -11.43	38.38 3.33 -3.98	34.77 3.04 -1.93	38.33 2.84 -7.05	43.91 3.03 -11.74	46.61 3.09 -13.83	48.01 2.86 -17.67	48.03 2.88 -18.70	50.92 3.43 -13.91	50.53 3.83 -8.39	50.63 4.13 -3.00	46.38 3.36 0.00	44.00 3.50 -1.10	44.94 2.87 -5.72	36.56 2.96 -0.01	34.74 2.86 -0.81
HOLTSVILLE_IC_5 23694	41.33 3.47 -0.57	38.04 2.98 -6.63	36.88 2.66 -8.64	33.27 2.56 -5.91	34.58 2.51 -7.68	27.45 2.53 -0.08	41.01 2.84 -11.85	41.23 2.93 -12.79	43.66 3.27 -11.43	38.38 3.33 -3.98	34.77 3.04 -1.93	38.33 2.84 -7.05	43.91 3.03 -11.74	46.61 3.09 -13.83	48.01 2.86 -17.67	48.03 2.88 -18.70	50.92 3.43 -13.91	50.53 3.83 -8.39	50.63 4.13 -3.00	46.38 3.36 0.00	44.00 3.50 -1.10	44.94 2.87 -5.72	36.56 2.96 -0.01	34.74 2.86 -0.81
HOLTSVILLE_IC_6 23695	41.60 3.69 -0.62	38.57 3.15 -6.99	37.72 2.81 -9.32	33.89 2.70 -6.37	35.34 2.66 -8.29	27.61 2.68 -0.08	42.11 3.00 -12.79	42.39 3.09 -13.80	44.73 3.44 -12.33	38.60 3.51 -4.01	35.13 3.25 -2.08	38.69 3.04 -7.21	44.74 3.26 -12.34	47.65 3.32 -14.64	49.06 3.08 -18.49	49.01 3.07 -19.49	52.13 3.69 -14.85	51.48 4.14 -9.03	51.21 4.48 -3.23	46.67 3.65 0.00	44.40 3.82 -1.19	45.63 3.13 -6.16	36.80 3.19 -0.01	34.93 3.05 -0.82
HOLTSVILLE_IC_7 23696	41.60 3.69 -0.62	38.57 3.15 -6.99	37.72 2.81 -9.32	33.89 2.70 -6.37	35.34 2.66 -8.29	27.61 2.68 -0.08	42.11 3.00 -12.79	42.39 3.09 -13.80	44.73 3.44 -12.33	38.60 3.51 -4.01	35.13 3.25 -2.08	38.69 3.04 -7.21	44.74 3.26 -12.34	47.65 3.32 -14.64	49.06 3.08 -18.49	49.01 3.07 -19.49	52.13 3.69 -14.85	51.48 4.14 -9.03	51.21 4.48 -3.23	46.67 3.65 0.00	44.40 3.82 -1.19	45.63 3.13 -6.16	36.80 3.19 -0.01	34.93 3.05 -0.82
HOLTSVILLE_IC_8 23697	41.60 3.69 -0.62	38.57 3.15 -6.99	37.72 2.81 -9.32	33.89 2.70 -6.37	35.34 2.66 -8.29	27.61 2.68 -0.08	42.11 3.00 -12.79	42.39 3.09 -13.80	44.73 3.44 -12.33	38.60 3.51 -4.01	35.13 3.25 -2.08	38.69 3.04 -7.21	44.74 3.26 -12.34	47.65 3.32 -14.64	49.06 3.08 -18.49	49.01 3.07 -19.49	52.13 3.69 -14.85	51.48 4.14 -9.03	51.21 4.48 -3.23	46.67 3.65 0.00	44.40 3.82 -1.19	45.63 3.13 -6.16	36.80 3.19 -0.01	34.93 3.05 -0.82
HOLTSVILLE_IC_9 23698	41.60 3.69 -0.62	38.57 3.15 -6.99	37.72 2.81 -9.32	33.89 2.70 -6.37	35.34 2.66 -8.29	27.61 2.68 -0.08	42.11 3.00 -12.79	42.39 3.09 -13.80	44.73 3.44 -12.33	38.60 3.51 -4.01	35.13 3.25 -2.08	38.69 3.04 -7.21	44.74 3.26 -12.34	47.65 3.32 -14.64	49.06 3.08 -18.49	49.01 3.07 -19.49	52.13 3.69 -14.85	51.48 4.14 -9.03	51.21 4.48 -3.23	46.67 3.65 0.00	44.40 3.82 -1.19	45.63 3.13 -6.16	36.80 3.19 -0.01	34.93 3.05 -0.82
HOMER_HL_115KV_TB2 355744	36.40 -0.89 0.00	28.00 -0.43 0.00	24.94 -0.64 0.00	24.14 -0.67 0.00	23.83 -0.56 0.00	24.22 -0.62 0.00	25.72 -0.61 0.00	24.46 -1.05 0.00	28.21 -0.75 0.00	29.52 -1.55 0.00	28.79 -1.01 0.00	27.47 -0.97 0.00	28.07 -1.08 0.00	28.68 -1.01 0.00	26.52 -0.96 0.00	25.65 -0.79 0.00	32.28 -1.31 0.00	36.93 -1.38 0.00	42.10 -1.39 0.00	41.82 -1.20 0.00	38.76 -0.63 0.00	35.65 -0.69 0.00	33.09 -0.50 0.00	30.51 -0.56 0.00
HOWARD_WT_PWR 323690	37.29 0.00 0.00	28.68 0.26 0.00	25.56 -0.03 0.00	24.69 -0.12 0.00	24.31 -0.07 0.00	24.71 -0.12 0.00	26.19 -0.13 0.00	24.82 -0.69 0.00	28.44 -0.52 0.00	29.74 -1.34 0.00	28.87 -0.92 0.00	27.52 -0.91 0.00	28.12 -1.02 0.00	28.71 -0.98 0.00	26.55 -0.93 0.00	25.65 -0.79 0.00	32.38 -1.21 0.00	37.09 -1.23 0.00	42.54 -0.96 0.00	42.42 -0.60 0.00	39.47 0.08 0.00	36.38 0.04 0.00	33.70 0.10 0.00	31.13 0.06 0.00
HQ_GEN_CEDARS 23644	37.66 0.37 0.00	28.28 -0.14 0.00	25.50 -0.08 0.00	24.78 -0.02 0.00	24.31 -0.07 0.00	24.79 -0.05 0.00	26.19 -0.13 0.00	25.43 -0.08 0.00	28.93 -0.03 0.00	31.29 0.22 0.00	30.16 0.36 0.00	28.77 0.34 0.00	29.41 0.26 0.00	29.93 0.24 0.00	27.54 0.05 0.00	26.37 -0.08 0.00	33.82 0.24 0.00	38.62 0.31 0.00	43.93 0.43 0.00	43.41 0.39 0.00	39.55 0.16 0.00	36.78 0.44 0.00	33.96 0.37 0.00	31.41 0.34 0.00
HQ_GEN_CEDARS_PROXY 323590	37.66 0.37 0.00	28.28 -0.14 0.00	25.50 -0.08 0.00	24.78 -0.02 0.00	24.31 -0.07 0.00	24.79 -0.05 0.00	26.19 -0.13 0.00	25.43 -0.08 0.00	28.93 -0.03 0.00	31.29 0.22 0.00	30.16 0.36 0.00	28.78 0.34 0.00	29.41 0.26 0.00	29.93 0.24 0.00	27.54 0.06 0.00	26.37 -0.08 0.00	33.82 0.24 0.00	38.62 0.31 0.00	43.93 0.43 0.00	43.41 0.39 0.00	39.55 0.16 0.00	36.78 0.44 0.00	33.96 0.37 0.00	31.41 0.34 0.00

HQ_GEN_IMPORT 323601	37.22 -0.07 0.00	28.11 -0.31 0.00	25.30 -0.28 0.00	24.56 -0.25 0.00	24.12 -0.27 0.00	24.61 -0.22 0.00	26.03 -0.29 0.00	25.25 -0.26 0.00	28.67 -0.29 0.00	31.01 -0.06 0.00	29.77 -0.03 0.00	28.40 -0.03 0.00	29.09 -0.06 0.00	29.63 -0.06 0.00	27.38 -0.11 0.00	26.23 -0.21 0.00	33.48 -0.10 0.00	38.20 -0.11 0.00	43.41 -0.09 0.00	42.93 -0.09 0.00	39.12 -0.27 0.00	36.27 -0.07 0.00	33.53 -0.07 0.00	31.00 -0.06 0.00
HQ_GEN_WHEEL 23651	37.22 -0.07 0.00	28.11 -0.31 0.00	25.30 -0.28 0.00	24.56 -0.25 0.00	24.12 -0.27 0.00	24.61 -0.22 0.00	26.03 -0.29 0.00	25.25 -0.26 0.00	28.67 -0.29 0.00	31.01 -0.06 0.00	29.77 -0.03 0.00	28.40 -0.03 0.00	29.09 -0.06 0.00	29.63 -0.06 0.00	27.38 -0.11 0.00	26.23 -0.21 0.00	33.48 -0.10 0.00	38.20 -0.11 0.00	43.41 -0.09 0.00	42.93 -0.09 0.00	39.12 -0.27 0.00	36.27 -0.07 0.00	33.53 -0.07 0.00	31.00 -0.06 0.00
HUDSON AVE_GT_3 23810	40.24 2.95 0.00	30.95 2.53 0.00	27.81 2.23 0.00	26.94 2.13 0.00	26.46 2.07 0.00	26.87 2.04 0.00	28.72 2.40 0.00	28.03 2.53 0.00	31.77 2.81 0.00	33.93 2.86 0.00	32.45 2.65 0.00	31.11 2.67 0.00	32.06 2.91 0.00	32.66 2.97 0.00	33.65 2.83 -3.33	35.09 2.88 -5.76	38.51 3.43 -1.50	42.18 3.87 0.00	47.50 4.00 0.00	46.68 3.66 0.00	42.86 3.47 0.00	39.18 2.83 0.00	36.21 2.62 0.00	33.55 2.49 0.00
HUDSON AVE_GT_4 23540	40.24 2.95 0.00	30.95 2.53 0.00	27.81 2.23 0.00	26.94 2.13 0.00	26.46 2.07 0.00	26.87 2.04 0.00	28.72 2.40 0.00	28.03 2.53 0.00	31.77 2.81 0.00	33.93 2.86 0.00	32.45 2.65 0.00	31.11 2.67 0.00	32.06 2.91 0.00	32.66 2.97 0.00	33.65 2.83 -3.33	35.09 2.88 -5.76	38.51 3.43 -1.50	42.18 3.87 0.00	47.50 4.00 0.00	46.68 3.66 0.00	42.86 3.47 0.00	39.18 2.83 0.00	36.21 2.62 0.00	33.55 2.49 0.00
HUDSON AVE_GT_5 23657	40.24 2.95 0.00	30.95 2.53 0.00	27.81 2.23 0.00	26.94 2.13 0.00	26.46 2.07 0.00	26.87 2.04 0.00	28.72 2.40 0.00	28.03 2.53 0.00	31.77 2.81 0.00	33.93 2.86 0.00	32.45 2.65 0.00	31.11 2.67 0.00	32.06 2.91 0.00	32.66 2.97 0.00	33.65 2.83 -3.33	35.09 2.88 -5.76	38.51 3.43 -1.50	42.18 3.87 0.00	47.50 4.00 0.00	46.68 3.66 0.00	42.86 3.47 0.00	39.18 2.83 0.00	36.21 2.62 0.00	33.55 2.49 0.00
HUDSON_AVE_10 24168	40.20 2.91 0.00	30.95 2.53 0.00	27.81 2.23 0.00	26.92 2.11 0.00	26.46 2.07 0.00	26.87 2.04 0.00	28.72 2.40 0.00	28.06 2.55 0.00	31.74 2.78 0.00	33.93 2.86 0.00	32.42 2.62 0.00	31.11 2.67 0.00	32.03 2.89 0.00	32.66 2.97 0.00	33.62 2.80 -3.33	35.06 2.86 -5.76	38.51 3.43 -1.50	42.18 3.87 0.00	47.50 4.00 0.00	46.68 3.66 0.00	42.86 3.47 0.00	39.18 2.83 0.00	36.18 2.59 0.00	33.55 2.49 0.00
HUDSON___115KV_TB 4 355613	38.48 1.19 0.00	29.53 1.11 0.00	26.53 0.95 0.00	25.70 0.89 0.00	25.29 0.90 0.00	25.71 0.87 0.00	27.27 0.95 0.00	26.45 0.94 0.00	29.94 0.98 0.00	31.94 0.87 0.00	30.57 0.77 0.00	29.12 0.68 0.00	29.87 0.73 0.00	30.46 0.77 0.00	28.73 0.88 -0.37	28.03 0.95 -0.63	34.89 1.14 -0.16	39.58 1.26 0.00	44.93 1.44 0.00	44.65 1.63 0.00	40.97 1.58 0.00	37.58 1.24 0.00	34.77 1.18 0.00	32.00 0.93 0.00
HUNTER MOUNT___DRP 323613	38.60 1.31 0.00	29.65 1.22 0.00	26.63 1.05 0.00	25.78 0.97 0.00	25.36 0.98 0.00	25.78 0.94 0.00	27.35 1.03 0.00	26.50 0.99 0.00	30.00 1.04 0.00	31.97 0.90 0.00	30.60 0.80 0.00	29.12 0.68 0.00	29.84 0.70 0.00	30.40 0.71 0.00	29.05 0.85 -0.71	28.62 0.95 -1.23	35.05 1.14 -0.32	39.54 1.23 0.00	45.02 1.52 0.00	44.78 1.76 0.00	41.13 1.73 0.00	37.72 1.38 0.00	34.90 1.31 0.00	32.12 1.06 0.00
HUNTINGTON_RES_REC 323705	40.46 3.58 0.41	30.90 3.07 0.60	22.58 2.74 5.74	23.52 2.63 3.92	21.87 2.58 5.10	27.38 2.58 0.04	21.37 2.92 7.88	20.01 2.98 8.48	24.72 3.36 7.60	38.39 3.42 -3.90	35.06 3.16 -2.10	35.81 3.01 -4.36	31.82 3.23 0.56	29.92 3.30 3.07	29.97 3.08 0.59	63.72 3.07 -34.20	69.93 3.66 -32.68	63.45 4.06 -21.08	55.43 4.39 -7.55	46.55 3.53 0.00	45.91 3.74 -2.77	35.17 3.05 4.22	36.59 2.99 -0.01	34.81 2.92 -0.82
HUNTLEY___63 23557	35.76 -1.53 0.00	27.63 -0.80 0.00	24.56 -1.02 0.00	23.77 -1.04 0.00	23.48 -0.90 0.00	23.84 -0.99 0.00	25.27 -1.05 0.00	23.80 -1.71 0.00	27.54 -1.42 0.00	28.71 -2.36 0.00	28.16 -1.64 0.00	26.90 -1.54 0.00	27.48 -1.66 0.00	28.15 -1.54 0.00	26.00 -1.48 0.00	25.12 -1.32 0.00	31.50 -2.08 0.00	35.98 -2.34 0.00	40.89 -2.61 0.00	40.61 -2.41 0.00	37.70 -1.69 0.00	34.67 -1.67 0.00	32.32 -1.28 0.00	30.07 -0.99 0.00
HUNTLEY___64 23558	35.76 -1.53 0.00	27.63 -0.80 0.00	24.56 -1.02 0.00	23.77 -1.04 0.00	23.48 -0.90 0.00	23.84 -0.99 0.00	25.27 -1.05 0.00	23.80 -1.71 0.00	27.54 -1.42 0.00	28.71 -2.36 0.00	28.16 -1.64 0.00	26.90 -1.54 0.00	27.48 -1.66 0.00	28.15 -1.54 0.00	26.00 -1.48 0.00	25.12 -1.32 0.00	31.50 -2.08 0.00	35.98 -2.34 0.00	40.89 -2.61 0.00	40.61 -2.41 0.00	37.70 -1.69 0.00	34.67 -1.67 0.00	32.32 -1.28 0.00	30.07 -0.99 0.00
HUNTLEY___65 23559	35.76 -1.53 0.00	27.63 -0.80 0.00	24.56 -1.02 0.00	23.77 -1.04 0.00	23.48 -0.90 0.00	23.84 -0.99 0.00	25.27 -1.05 0.00	23.80 -1.71 0.00	27.54 -1.42 0.00	28.71 -2.36 0.00	28.16 -1.64 0.00	26.90 -1.54 0.00	27.48 -1.66 0.00	28.15 -1.54 0.00	26.00 -1.48 0.00	25.12 -1.32 0.00	31.50 -2.08 0.00	35.98 -2.34 0.00	40.89 -2.61 0.00	40.61 -2.41 0.00	37.70 -1.69 0.00	34.67 -1.67 0.00	32.32 -1.28 0.00	30.07 -0.99 0.00
HUNTLEY___66 23560	35.76 -1.53 0.00	27.63 -0.80 0.00	24.56 -1.02 0.00	23.77 -1.04 0.00	23.48 -0.90 0.00	23.84 -0.99 0.00	25.27 -1.05 0.00	23.80 -1.71 0.00	27.54 -1.42 0.00	28.71 -2.36 0.00	28.16 -1.64 0.00	26.90 -1.54 0.00	27.48 -1.66 0.00	28.15 -1.54 0.00	26.00 -1.48 0.00	25.12 -1.32 0.00	31.50 -2.08 0.00	35.98 -2.34 0.00	40.89 -2.61 0.00	40.61 -2.41 0.00	37.70 -1.69 0.00	34.67 -1.67 0.00	32.32 -1.28 0.00	30.07 -0.99 0.00
HUNTLEY___67 23561	35.69 -1.60 0.00	27.57 -0.85 0.00	24.51 -1.07 0.00	23.72 -1.09 0.00	23.41 -0.98 0.00	23.77 -1.07 0.00	25.24 -1.08 0.00	23.82 -1.68 0.00	27.51 -1.45 0.00	28.71 -2.36 0.00	28.13 -1.67 0.00	26.87 -1.56 0.00	27.45 -1.69 0.00	28.12 -1.57 0.00	25.97 -1.51 0.00	25.07 -1.38 0.00	31.44 -2.15 0.00	35.90 -2.41 0.00	40.80 -2.70 0.00	40.52 -2.50 0.00	37.62 -1.77 0.00	34.60 -1.74 0.00	32.25 -1.34 0.00	30.01 -1.06 0.00
HUNTLEY___68 23562	35.69 -1.60 0.00	27.57 -0.85 0.00	24.51 -1.07 0.00	23.72 -1.09 0.00	23.41 -0.98 0.00	23.77 -1.07 0.00	25.24 -1.08 0.00	23.82 -1.68 0.00	27.51 -1.45 0.00	28.71 -2.36 0.00	28.13 -1.67 0.00	26.87 -1.56 0.00	27.45 -1.69 0.00	28.12 -1.57 0.00	25.97 -1.51 0.00	25.07 -1.38 0.00	31.44 -2.15 0.00	35.90 -2.41 0.00	40.80 -2.70 0.00	40.52 -2.50 0.00	37.62 -1.77 0.00	34.60 -1.74 0.00	32.25 -1.34 0.00	30.01 -1.06 0.00

HYLAND___LFGE 323620	37.81 0.52 0.00	29.16 0.74 0.00	25.91 0.33 0.00	25.03 0.22 0.00	24.73 0.34 0.00	25.04 0.20 0.00	26.48 0.16 0.00	24.97 -0.54 0.00	28.35 -0.61 0.00	29.39 -1.68 0.00	28.34 -1.46 0.00	27.01 -1.42 0.00	27.60 -1.55 0.00	28.12 -1.57 0.00	26.00 -1.48 0.00	25.12 -1.32 0.00	31.84 -1.75 0.00	36.86 -1.46 0.00	42.80 -0.70 0.00	43.28 0.26 0.00	40.46 1.06 0.00	37.14 0.80 0.00	34.40 0.80 0.00	31.65 0.59 0.00
INDECK___CORINTH 23802	40.05 2.76 0.00	30.50 2.07 0.00	27.29 1.71 0.00	26.45 1.64 0.00	26.05 1.66 0.00	26.48 1.64 0.00	28.11 1.79 0.00	27.34 1.84 0.00	31.07 2.11 0.00	33.21 2.14 0.00	31.56 1.76 0.00	30.08 1.65 0.00	30.77 1.63 0.00	31.35 1.66 0.00	29.30 1.65 -0.16	28.42 1.69 -0.28	36.08 2.42 -0.07	41.15 2.84 0.00	46.85 3.35 0.00	46.55 3.53 0.00	42.70 3.31 0.00	39.10 2.76 0.00	36.01 2.42 0.00	33.06 1.99 0.00
INDECK___ILION 23567	37.81 0.52 0.00	28.85 0.43 0.00	25.96 0.38 0.00	25.18 0.37 0.00	24.78 0.39 0.00	25.21 0.37 0.00	26.72 0.39 0.00	25.86 0.36 0.00	29.36 0.41 0.00	31.45 0.37 0.00	30.16 0.36 0.00	28.75 0.31 0.00	29.46 0.32 0.00	29.99 0.30 0.00	27.76 0.27 0.00	26.71 0.26 0.00	33.85 0.27 0.00	38.62 0.31 0.00	43.89 0.39 0.00	43.45 0.43 0.00	39.86 0.47 0.00	36.78 0.44 0.00	34.03 0.44 0.00	31.44 0.37 0.00
INDECK___OLEAN 23982	36.39 -0.90 0.00	28.00 -0.43 0.00	24.94 -0.64 0.00	24.14 -0.67 0.00	23.83 -0.56 0.00	24.22 -0.62 0.00	25.72 -0.60 0.00	24.46 -1.05 0.00	28.21 -0.75 0.00	29.52 -1.55 0.00	28.79 -1.01 0.00	27.47 -0.97 0.00	28.07 -1.08 0.00	28.68 -1.01 0.00	26.52 -0.96 0.00	25.65 -0.79 0.00	32.28 -1.31 0.00	36.94 -1.38 0.00	42.10 -1.39 0.00	41.82 -1.20 0.00	38.76 -0.63 0.00	35.65 -0.69 0.00	33.09 -0.50 0.00	30.51 -0.56 0.00
INDECK___OSWEGO 23783	36.25 -1.04 0.00	27.80 -0.63 0.00	25.02 -0.56 0.00	24.24 -0.57 0.00	23.87 -0.51 0.00	24.27 -0.57 0.00	25.74 -0.58 0.00	24.84 -0.66 0.00	28.21 -0.75 0.00	30.08 -1.00 0.00	28.82 -0.98 0.00	27.50 -0.94 0.00	28.15 -0.99 0.00	28.71 -0.98 0.00	26.58 -0.91 0.00	25.63 -0.82 0.00	32.48 -1.11 0.00	37.05 -1.26 0.00	42.19 -1.30 0.00	41.77 -1.25 0.00	38.41 -0.98 0.00	35.36 -0.98 0.00	32.69 -0.91 0.00	30.23 -0.84 0.00
INDECK___YERKES 23781	35.80 -1.49 0.00	27.66 -0.77 0.00	24.58 -1.00 0.00	23.79 -1.02 0.00	23.51 -0.88 0.00	23.87 -0.97 0.00	25.29 -1.03 0.00	23.82 -1.68 0.00	27.57 -1.39 0.00	28.71 -2.36 0.00	28.16 -1.64 0.00	26.93 -1.51 0.00	27.51 -1.63 0.00	28.18 -1.51 0.00	26.03 -1.46 0.00	25.15 -1.30 0.00	31.54 -2.05 0.00	36.02 -2.30 0.00	40.93 -2.57 0.00	40.65 -2.37 0.00	37.74 -1.65 0.00	34.71 -1.63 0.00	32.35 -1.24 0.00	30.10 -0.96 0.00
INDIAN POINT_GT_1 24139	39.83 2.54 0.00	30.61 2.19 0.00	27.52 1.94 0.00	26.67 1.86 0.00	26.22 1.83 0.00	26.63 1.79 0.00	28.40 2.08 0.00	27.73 2.22 0.00	31.39 2.43 0.00	33.56 2.49 0.00	32.12 2.32 0.00	30.76 2.33 0.00	31.65 2.51 0.00	32.24 2.55 0.00	33.22 2.45 -3.29	34.61 2.49 -5.68	37.99 2.92 -1.48	41.61 3.29 0.00	46.98 3.48 0.00	46.20 3.18 0.00	42.42 3.03 0.00	38.78 2.43 0.00	35.85 2.25 0.00	33.18 2.11 0.00
INDIAN POINT_GT_2 23659	39.83 2.54 0.00	30.61 2.19 0.00	27.52 1.94 0.00	26.67 1.86 0.00	26.22 1.83 0.00	26.63 1.79 0.00	28.40 2.08 0.00	27.73 2.22 0.00	31.39 2.43 0.00	33.56 2.49 0.00	32.12 2.32 0.00	30.76 2.33 0.00	31.65 2.51 0.00	32.24 2.55 0.00	33.22 2.45 -3.29	34.61 2.49 -5.68	37.99 2.92 -1.48	41.61 3.29 0.00	46.98 3.48 0.00	46.20 3.18 0.00	42.42 3.03 0.00	38.78 2.43 0.00	35.85 2.25 0.00	33.18 2.11 0.00
INDIAN POINT_GT_3 24019	39.83 2.54 0.00	30.61 2.19 0.00	27.52 1.94 0.00	26.67 1.86 0.00	26.22 1.83 0.00	26.63 1.79 0.00	28.40 2.08 0.00	27.73 2.22 0.00	31.39 2.43 0.00	33.56 2.49 0.00	32.12 2.32 0.00	30.76 2.33 0.00	31.65 2.51 0.00	32.24 2.55 0.00	33.22 2.45 -3.29	34.61 2.49 -5.68	37.99 2.92 -1.48	41.61 3.29 0.00	46.98 3.48 0.00	46.20 3.18 0.00	42.42 3.03 0.00	38.78 2.43 0.00	35.85 2.25 0.00	33.18 2.11 0.00
INDIAN POINT___2 23530	39.79 2.50 0.00	30.58 2.16 0.00	27.52 1.94 0.00	26.67 1.86 0.00	26.19 1.80 0.00	26.63 1.79 0.00	28.40 2.08 0.00	27.70 2.19 0.00	31.36 2.40 0.00	33.53 2.45 0.00	32.09 2.29 0.00	30.73 2.30 0.00	31.62 2.48 0.00	32.21 2.52 0.00	33.13 2.42 -3.22	34.44 2.43 -5.57	37.93 2.89 -1.45	41.57 3.25 0.00	46.93 3.44 0.00	46.16 3.14 0.00	42.38 2.99 0.00	38.78 2.44 0.00	35.85 2.25 0.00	33.18 2.11 0.00
INDIAN POINT___3 23531	39.75 2.46 0.00	30.58 2.16 0.00	27.50 1.92 0.00	26.65 1.84 0.00	26.19 1.80 0.00	26.60 1.76 0.00	28.37 2.05 0.00	27.70 2.19 0.00	31.36 2.40 0.00	33.50 2.42 0.00	32.06 2.26 0.00	30.71 2.27 0.00	31.59 2.45 0.00	32.21 2.52 0.00	33.17 2.39 -3.29	34.56 2.43 -5.68	37.96 2.89 -1.48	41.53 3.22 0.00	46.89 3.39 0.00	46.12 3.10 0.00	42.39 2.99 0.00	38.74 2.40 0.00	35.81 2.22 0.00	33.15 2.08 0.00
INGHAM_C_115KV_TB7 356103	38.22 0.93 0.00	29.16 0.74 0.00	26.25 0.67 0.00	25.43 0.62 0.00	25.02 0.63 0.00	25.46 0.62 0.00	26.98 0.66 0.00	26.07 0.56 0.00	29.60 0.64 0.00	31.69 0.62 0.00	30.39 0.60 0.00	29.00 0.57 0.00	29.70 0.55 0.00	30.19 0.50 0.00	27.90 0.41 0.00	26.87 0.42 0.00	34.02 0.44 0.00	38.77 0.46 0.00	44.11 0.61 0.00	43.75 0.73 0.00	40.14 0.75 0.00	37.11 0.76 0.00	34.33 0.74 0.00	31.75 0.68 0.00
IP CORINTH___1 23988	40.05 2.76 0.00	30.50 2.07 0.00	27.29 1.71 0.00	26.45 1.64 0.00	26.05 1.66 0.00	26.48 1.64 0.00	28.11 1.79 0.00	27.34 1.84 0.00	31.07 2.11 0.00	33.22 2.14 0.00	31.59 1.79 0.00	30.08 1.65 0.00	30.78 1.63 0.00	31.35 1.66 0.00	29.30 1.65 -0.16	28.42 1.69 -0.28	36.08 2.42 -0.07	41.15 2.84 0.00	46.85 3.35 0.00	46.55 3.53 0.00	42.70 3.31 0.00	39.10 2.76 0.00	36.01 2.42 0.00	33.05 1.99 0.00
IP___TICONDEROGA 23804	41.84 4.55 0.00	31.64 3.21 0.00	28.14 2.56 0.00	27.24 2.43 0.00	26.87 2.49 0.00	27.30 2.46 0.00	28.98 2.66 0.00	28.21 2.70 0.00	32.06 3.10 0.00	34.30 3.23 0.00	32.69 2.89 0.00	31.11 2.67 0.00	31.77 2.62 0.00	32.36 2.67 0.00	30.33 2.67 -0.18	29.47 2.72 -0.30	37.46 3.80 -0.08	42.80 4.48 0.00	48.85 5.35 0.00	48.87 5.85 0.00	44.71 5.32 0.00	40.85 4.51 0.00	37.52 3.93 0.00	34.17 3.11 0.00
ISLIP_RES_REC 323679	41.73 3.88 -0.56	38.29 3.27 -6.59	37.03 2.94 -8.51	33.43 2.80 -5.82	34.71 2.75 -7.57	27.70 2.78 -0.08	41.10 3.10 -11.67	41.29 3.19 -12.60	43.78 3.56 -11.26	38.76 3.66 -4.02	35.39 3.40 -2.19	38.70 3.18 -7.08	44.22 3.41 -11.67	46.87 3.47 -13.71	48.22 3.24 -17.50	48.19 3.23 -18.52	51.11 3.86 -13.66	50.90 4.37 -8.22	51.18 4.74 -2.94	46.93 3.91 0.00	44.53 4.06 -1.08	45.29 3.34 -5.61	36.96 3.36 -0.01	35.09 3.20 -0.82

JAMAICA__27_KV_LOAD 355505	40.39 3.10 0.00	31.15 2.73 0.00	27.96 2.38 0.00	27.07 2.26 0.00	26.58 2.19 0.00	27.02 2.19 0.00	28.93 2.61 0.00	28.26 2.75 0.00	31.97 3.01 0.00	34.15 3.08 0.00	32.60 2.80 0.00	31.28 2.84 0.00	32.23 3.09 0.00	32.87 3.18 0.00	33.81 3.00 -3.33	35.24 3.04 -5.76	38.78 3.69 -1.50	42.49 4.18 0.00	47.85 4.35 0.00	47.02 4.00 0.00	43.21 3.82 0.00	39.47 3.13 0.00	36.42 2.82 0.00	33.80 2.73 0.00
JANIS__SOLAR 323808	38.52 1.23 0.00	29.50 1.08 0.00	26.48 0.89 0.00	25.65 0.84 0.00	25.31 0.93 0.00	25.76 0.92 0.00	27.22 0.90 0.00	26.09 0.59 0.00	29.65 0.69 0.00	31.29 0.22 0.00	30.07 0.27 0.00	28.60 0.17 0.00	29.23 0.09 0.00	29.78 0.09 0.00	27.54 0.06 0.00	26.66 0.21 0.00	33.82 0.24 0.00	38.81 0.50 0.00	44.67 1.17 0.00	44.57 1.55 0.00	41.08 1.69 0.00	37.80 1.46 0.00	34.90 1.31 0.00	32.09 1.02 0.00
JARVIS____ 23743	37.44 0.15 0.00	28.60 0.17 0.00	25.76 0.18 0.00	24.96 0.15 0.00	24.56 0.17 0.00	24.99 0.15 0.00	26.48 0.16 0.00	25.69 0.18 0.00	29.13 0.17 0.00	31.20 0.12 0.00	29.92 0.12 0.00	28.55 0.11 0.00	29.26 0.12 0.00	29.81 0.12 0.00	27.59 0.11 0.00	26.58 0.13 0.00	33.69 0.10 0.00	38.43 0.12 0.00	43.63 0.13 0.00	43.15 0.13 0.00	39.59 0.20 0.00	36.49 0.15 0.00	33.73 0.13 0.00	31.16 0.09 0.00
JENNISON____1 23625	38.78 1.49 0.00	29.65 1.22 0.00	26.63 1.05 0.00	25.83 1.02 0.00	25.46 1.07 0.00	25.91 1.07 0.00	27.37 1.05 0.00	26.35 0.84 0.00	29.97 1.01 0.00	31.72 0.65 0.00	30.54 0.74 0.00	29.12 0.68 0.00	29.78 0.64 0.00	30.31 0.62 0.00	28.12 0.52 -0.11	27.30 0.66 -0.19	34.41 0.77 -0.05	39.31 1.00 0.00	45.02 1.52 0.00	44.83 1.81 0.00	41.24 1.85 0.00	37.91 1.56 0.00	35.07 1.48 0.00	32.25 1.18 0.00
JENNISON____2 23626	38.78 1.49 0.00	29.65 1.22 0.00	26.63 1.05 0.00	25.83 1.02 0.00	25.46 1.07 0.00	25.91 1.07 0.00	27.37 1.05 0.00	26.35 0.84 0.00	29.97 1.01 0.00	31.72 0.65 0.00	30.54 0.74 0.00	29.12 0.68 0.00	29.78 0.64 0.00	30.31 0.62 0.00	28.12 0.52 -0.11	27.30 0.66 -0.19	34.41 0.77 -0.05	39.31 1.00 0.00	45.02 1.52 0.00	44.83 1.81 0.00	41.24 1.85 0.00	37.91 1.56 0.00	35.07 1.48 0.00	32.25 1.18 0.00
JERICOHO_RISE_WT_PWR 323719	37.66 0.37 0.00	28.37 -0.06 0.00	25.53 -0.05 0.00	24.81 0.00 0.00	24.31 -0.07 0.00	24.81 -0.02 0.00	26.22 -0.10 0.00	25.48 -0.03 0.00	28.99 0.03 0.00	31.38 0.31 0.00	30.16 0.36 0.00	28.75 0.31 0.00	29.38 0.23 0.00	29.87 0.18 0.00	27.51 0.03 0.00	26.31 -0.13 0.00	33.62 0.03 0.00	38.43 0.12 0.00	43.80 0.31 0.00	43.41 0.39 0.00	39.55 0.16 0.00	36.67 0.33 0.00	33.83 0.24 0.00	31.31 0.25 0.00
KATONAH__115KV_46KV_TB4 355592	39.98 2.68 0.00	30.73 2.30 0.00	27.63 2.05 0.00	26.79 1.98 0.00	26.34 1.95 0.00	26.73 1.89 0.00	28.53 2.21 0.00	27.83 2.32 0.00	31.54 2.58 0.00	33.71 2.64 0.00	32.33 2.53 0.00	30.93 2.50 0.00	31.85 2.71 0.00	32.48 2.79 0.00	33.56 2.69 -3.39	34.94 2.64 -5.85	38.23 3.12 -1.53	41.80 3.49 0.00	47.24 3.74 0.00	46.42 3.40 0.00	42.54 3.15 0.00	38.92 2.58 0.00	36.01 2.42 0.00	33.30 2.24 0.00
KCE_NY_1 323755	39.53 2.24 0.00	30.19 1.76 0.00	27.09 1.51 0.00	26.25 1.44 0.00	25.83 1.44 0.00	26.25 1.42 0.00	27.87 1.55 0.00	27.12 1.61 0.00	30.73 1.77 0.00	32.87 1.80 0.00	31.38 1.58 0.00	29.91 1.48 0.00	30.66 1.51 0.00	31.23 1.54 0.00	29.19 1.51 -0.19	28.34 1.56 -0.33	35.65 1.98 -0.09	40.61 2.30 0.00	46.15 2.65 0.00	45.78 2.76 0.00	41.99 2.60 0.00	38.52 2.18 0.00	35.51 1.91 0.00	32.71 1.65 0.00
KCE_NY_6_ESR 323823	36.17 -1.12 0.00	27.91 -0.51 0.00	24.81 -0.77 0.00	24.01 -0.79 0.00	23.70 -0.68 0.00	24.09 -0.74 0.00	25.56 -0.76 0.00	24.15 -1.35 0.00	27.92 -1.04 0.00	29.12 -1.96 0.00	28.52 -1.28 0.00	27.24 -1.19 0.00	27.83 -1.31 0.00	28.50 -1.19 0.00	26.33 -1.15 0.00	25.44 -1.00 0.00	31.94 -1.64 0.00	36.47 -1.84 0.00	41.54 -1.96 0.00	41.21 -1.81 0.00	38.25 -1.14 0.00	35.18 -1.16 0.00	32.76 -0.84 0.00	30.41 -0.65 0.00
KEDC_PORT_JEFF_GT2 24210	41.63 3.66 -0.69	39.07 3.13 -7.52	38.75 2.79 -10.38	34.59 2.68 -7.10	36.25 2.63 -9.23	27.59 2.66 -0.09	43.53 2.97 -14.23	43.93 3.06 -15.36	46.10 3.42 -13.73	38.59 3.51 -4.01	35.04 3.22 -2.02	38.84 3.01 -7.39	45.60 3.23 -13.22	48.84 3.30 -15.86	50.34 3.08 -19.78	50.18 2.99 -20.75	53.52 3.56 -16.38	52.36 3.98 -10.06	51.40 4.31 -3.60	46.63 3.61 0.00	44.50 3.78 -1.32	46.29 3.09 -6.86	36.76 3.16 -0.01	34.90 3.01 -0.82
KEDC_PORT_JEFF_GT3 24211	41.63 3.66 -0.69	39.07 3.13 -7.52	38.75 2.79 -10.38	34.59 2.68 -7.10	36.25 2.63 -9.23	27.59 2.66 -0.09	43.53 2.97 -14.23	43.93 3.06 -15.36	46.10 3.42 -13.73	38.59 3.51 -4.01	35.04 3.22 -2.02	38.84 3.01 -7.39	45.60 3.23 -13.22	48.84 3.30 -15.86	50.34 3.08 -19.78	50.18 2.99 -20.75	53.52 3.56 -16.38	52.36 3.98 -10.06	51.40 4.31 -3.60	46.63 3.61 0.00	44.50 3.78 -1.32	46.29 3.09 -6.86	36.76 3.16 -0.01	34.90 3.01 -0.82
KEDC_GLWD_GT4 24219	40.40 3.09 -0.02	35.09 2.64 -4.02	28.09 2.35 -0.16	27.18 2.26 -0.12	26.75 2.22 -0.14	27.07 2.21 -0.02	29.06 2.53 -0.21	28.39 2.63 -0.25	32.09 2.92 -0.21	40.84 2.98 -6.78	43.04 2.71 -10.53	40.64 2.73 -9.48	39.86 2.94 -7.78	39.40 3.00 -6.71	40.25 2.83 -9.93	39.78 2.86 -10.47	38.53 3.43 -1.52	41.93 3.60 -0.02	47.32 3.83 0.00	46.38 3.36 0.00	42.66 3.27 0.00	39.25 2.91 0.00	36.33 2.72 -0.02	35.05 2.58 -1.41
KEDC_GLWD_GT5 24220	40.40 3.09 -0.02	35.09 2.64 -4.02	28.09 2.35 -0.16	27.18 2.26 -0.12	26.75 2.22 -0.14	27.07 2.21 -0.02	29.06 2.53 -0.21	28.39 2.63 -0.25	32.09 2.92 -0.21	40.84 2.98 -6.78	43.04 2.71 -10.53	40.64 2.73 -9.48	39.86 2.94 -7.78	39.40 3.00 -6.71	40.25 2.83 -9.93	39.78 2.86 -10.47	38.53 3.43 -1.52	41.93 3.60 -0.02	47.32 3.83 0.00	46.38 3.36 0.00	42.66 3.27 0.00	39.25 2.91 0.00	36.33 2.72 -0.02	35.05 2.58 -1.41
KENSICO____ 23655	39.90 2.61 0.00	30.67 2.25 0.00	27.60 2.02 0.00	26.74 1.94 0.00	26.26 1.88 0.00	26.70 1.86 0.00	28.48 2.16 0.00	27.80 2.30 0.00	31.48 2.52 0.00	33.65 2.58 0.00	32.21 2.41 0.00	30.85 2.42 0.00	31.74 2.59 0.00	32.36 2.67 0.00	33.34 2.53 -3.33	34.75 2.57 -5.74	38.14 3.06 -1.50	41.72 3.41 0.00	47.11 3.61 0.00	46.29 3.27 0.00	42.50 3.11 0.00	38.89 2.54 0.00	35.91 2.32 0.00	33.27 2.21 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.94 2.65 0.00	30.70 2.27 0.00	27.60 2.02 0.00	26.72 1.91 0.00	26.26 1.88 0.00	26.73 1.89 0.00	28.45 2.13 0.00	27.68 2.17 0.00	31.36 2.40 0.00	33.43 2.36 0.00	32.03 2.23 0.00	30.62 2.19 0.00	31.47 2.33 0.00	32.06 2.38 0.00	32.33 2.28 -2.56	33.19 2.33 -4.42	37.56 2.82 -1.15	41.57 3.26 0.00	47.11 3.61 0.00	46.59 3.57 0.00	42.74 3.35 0.00	39.10 2.76 0.00	36.15 2.55 0.00	33.37 2.30 0.00

KIAC_JFK_GT1 23816	40.05 2.76 0.00	30.98 2.56 0.00	27.81 2.23 0.00	26.92 2.11 0.00	26.46 2.07 0.00	26.90 2.06 0.00	28.77 2.45 0.00	28.11 2.60 0.00	31.83 2.87 0.00	33.99 2.92 0.00	32.33 2.53 0.00	31.02 2.59 0.00	31.97 2.83 0.00	32.57 2.88 0.00	33.57 2.75 -3.33	35.01 2.80 -5.76	38.45 3.36 -1.50	42.11 3.79 0.00	47.41 3.91 0.00	46.59 3.57 0.00	42.82 3.43 0.00	39.10 2.76 0.00	36.08 2.49 0.00	33.61 2.55 0.00
KIAC_JFK_GT2 23817	40.05 2.76 0.00	30.98 2.56 0.00	27.81 2.23 0.00	26.92 2.11 0.00	26.46 2.07 0.00	26.90 2.06 0.00	28.77 2.45 0.00	28.11 2.60 0.00	31.83 2.87 0.00	33.99 2.92 0.00	32.33 2.53 0.00	31.02 2.59 0.00	31.97 2.83 0.00	32.57 2.88 0.00	33.57 2.75 -3.33	35.01 2.80 -5.76	38.45 3.36 -1.50	42.11 3.79 0.00	47.41 3.91 0.00	46.59 3.57 0.00	42.82 3.43 0.00	39.10 2.76 0.00	36.08 2.49 0.00	33.61 2.55 0.00
KIAC_JFK____ 323774	40.05 2.76 0.00	30.98 2.56 0.00	27.81 2.22 0.00	26.92 2.11 0.00	26.46 2.07 0.00	26.90 2.06 0.00	28.77 2.45 0.00	28.11 2.60 0.00	31.83 2.87 0.00	33.99 2.92 0.00	32.51 2.71 0.00	31.02 2.59 0.00	31.97 2.83 0.00	32.57 2.88 0.00	33.57 2.75 -3.33	35.00 2.80 -5.76	38.45 3.36 -1.50	42.11 3.79 0.00	47.41 3.92 0.00	46.59 3.57 0.00	42.82 3.43 0.00	39.10 2.76 0.00	36.08 2.49 0.00	33.61 2.55 0.00
KINTIGH__24_KV_GSU 356498	35.58 -1.71 0.00	27.46 -0.97 0.00	24.43 -1.15 0.00	23.67 -1.14 0.00	23.34 -1.05 0.00	23.72 -1.12 0.00	25.16 -1.16 0.00	23.85 -1.66 0.00	27.45 -1.51 0.00	28.74 -2.33 0.00	28.10 -1.70 0.00	26.81 -1.62 0.00	27.42 -1.72 0.00	28.06 -1.63 0.00	25.92 -1.57 0.00	25.02 -1.43 0.00	31.40 -2.18 0.00	35.86 -2.45 0.00	40.80 -2.70 0.00	40.44 -2.58 0.00	37.50 -1.89 0.00	34.49 -1.85 0.00	32.08 -1.51 0.00	29.89 -1.18 0.00
KINTIGH____ 23543	35.57 -1.72 0.00	27.46 -0.97 0.00	24.43 -1.15 0.00	23.67 -1.14 0.00	23.34 -1.05 0.00	23.72 -1.12 0.00	25.16 -1.16 0.00	23.82 -1.68 0.00	27.45 -1.51 0.00	28.74 -2.33 0.00	28.10 -1.70 0.00	26.81 -1.62 0.00	27.42 -1.72 0.00	28.06 -1.63 0.00	25.92 -1.57 0.00	25.02 -1.43 0.00	31.40 -2.18 0.00	35.86 -2.45 0.00	40.80 -2.70 0.00	40.44 -2.58 0.00	37.50 -1.89 0.00	34.49 -1.85 0.00	32.08 -1.51 0.00	29.89 -1.18 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	38.30 1.01 0.00	28.88 0.45 0.00	25.99 0.41 0.00	25.23 0.42 0.00	24.73 0.34 0.00	25.19 0.35 0.00	26.61 0.29 0.00	25.89 0.38 0.00	29.51 0.55 0.00	31.88 0.81 0.00	30.66 0.86 0.00	29.20 0.77 0.00	29.84 0.70 0.00	30.34 0.65 0.00	27.92 0.44 0.00	26.74 0.29 0.00	34.16 0.57 0.00	39.08 0.77 0.00	44.58 1.09 0.00	44.27 1.25 0.00	40.34 0.95 0.00	37.36 1.02 0.00	34.43 0.84 0.00	31.87 0.81 0.00
LACHUTE____HYDRO 323717	41.84 4.55 0.00	31.64 3.21 0.00	28.14 2.56 0.00	27.24 2.43 0.00	26.88 2.49 0.00	27.30 2.46 0.00	28.98 2.66 0.00	28.21 2.70 0.00	32.06 3.10 0.00	34.30 3.23 0.00	32.66 2.86 0.00	31.10 2.67 0.00	31.77 2.62 0.00	32.36 2.67 0.00	30.33 2.67 -0.18	29.47 2.72 -0.30	37.46 3.79 -0.08	42.79 4.48 0.00	48.84 5.35 0.00	48.87 5.85 0.00	44.71 5.32 0.00	40.85 4.51 0.00	37.52 3.93 0.00	34.17 3.11 0.00
LAWRNCV_115KV_TB1 80681	37.48 0.19 0.00	28.11 -0.31 0.00	25.43 -0.15 0.00	24.71 -0.10 0.00	24.27 -0.12 0.00	24.76 -0.07 0.00	26.11 -0.21 0.00	25.38 -0.13 0.00	28.84 -0.12 0.00	31.20 0.12 0.00	30.07 0.27 0.00	28.66 0.23 0.00	29.29 0.15 0.00	29.81 0.12 0.00	27.40 -0.08 0.00	26.23 -0.21 0.00	33.65 0.07 0.00	38.47 0.15 0.00	43.84 0.35 0.00	43.45 0.43 0.00	39.59 0.20 0.00	36.82 0.47 0.00	33.96 0.37 0.00	31.38 0.31 0.00
LEDERLE____ 23769	39.98 2.68 0.00	30.75 2.33 0.00	27.65 2.07 0.00	26.77 1.96 0.00	26.31 1.93 0.00	26.73 1.89 0.00	28.51 2.18 0.00	27.80 2.30 0.00	31.51 2.55 0.00	33.65 2.58 0.00	32.24 2.44 0.00	30.85 2.42 0.00	31.74 2.59 0.00	32.33 2.64 0.00	33.21 2.56 -3.17	34.48 2.57 -5.47	38.07 3.06 -1.43	41.76 3.45 0.00	47.19 3.70 0.00	46.46 3.44 0.00	42.66 3.27 0.00	39.00 2.65 0.00	36.05 2.45 0.00	33.33 2.27 0.00
LIGHTHSE_115KV_TB6 355974	36.92 -0.37 0.00	28.23 -0.20 0.00	25.40 -0.18 0.00	24.64 -0.17 0.00	24.27 -0.12 0.00	24.64 -0.20 0.00	26.06 -0.26 0.00	25.15 -0.36 0.00	28.55 -0.41 0.00	30.42 -0.65 0.00	29.20 -0.60 0.00	27.86 -0.57 0.00	28.50 -0.64 0.00	29.01 -0.68 0.00	26.85 -0.63 0.00	25.86 -0.58 0.00	32.81 -0.77 0.00	37.55 -0.77 0.00	42.93 -0.57 0.00	42.63 -0.39 0.00	39.19 -0.20 0.00	36.16 -0.18 0.00	33.43 -0.17 0.00	30.79 -0.28 0.00
LINDEN COGEN____ 23786	40.01 2.72 0.00	30.78 2.36 0.00	27.65 2.07 0.00	26.80 1.99 0.00	26.31 1.93 0.00	26.72 1.89 0.00	28.56 2.24 0.00	27.88 2.37 0.00	31.59 2.63 0.00	33.75 2.67 0.00	32.30 2.50 0.00	30.96 2.53 0.00	31.88 2.74 0.00	32.51 2.82 0.00	33.51 2.70 -3.33	34.95 2.75 -5.76	38.34 3.26 -1.50	41.99 3.68 0.00	47.24 3.74 0.00	46.42 3.40 0.00	42.62 3.23 0.00	38.96 2.62 0.00	36.01 2.42 0.00	33.37 2.30 0.00
LINDHRST_69_KV_BK1 356055	40.93 3.58 -0.06	34.54 3.07 -3.04	29.29 2.74 -0.97	28.11 2.63 -0.67	27.81 2.56 -0.87	27.44 2.58 -0.02	30.57 2.92 -1.33	29.94 2.98 -1.45	33.57 3.33 -1.28	38.89 3.42 -4.40	37.30 3.22 -4.28	37.72 3.01 -6.28	38.09 3.21 -5.74	38.30 3.30 -5.31	39.10 3.08 -8.54	39.23 3.07 -9.72	39.89 3.69 -2.61	43.28 4.21 -0.75	48.33 4.57 -0.27	46.89 3.87 0.00	43.39 3.90 -0.10	40.05 3.20 -0.51	36.80 3.19 -0.01	35.06 3.08 -0.91
LIPA_MISC_IPP 23656	41.42 3.54 -0.58	38.19 3.07 -6.70	37.09 2.74 -8.77	33.43 2.63 -5.99	34.77 2.59 -7.80	27.55 2.63 -0.08	41.29 2.95 -12.02	41.49 3.01 -12.97	43.91 3.36 -11.59	38.54 3.48 -3.98	34.82 3.07 -1.95	38.47 2.96 -7.08	44.14 3.15 -11.85	46.90 3.24 -13.98	48.27 2.97 -17.82	48.28 2.99 -18.84	51.26 3.59 -14.08	50.84 4.02 -8.51	50.80 4.26 -3.04	46.29 3.27 0.00	44.13 3.62 -1.12	45.13 2.98 -5.80	36.56 2.96 -0.01	34.74 2.86 -0.81
LISF____SOLAR 323691	41.50 3.62 -0.59	38.32 3.13 -6.77	37.29 2.81 -8.89	33.57 2.68 -6.08	34.93 2.63 -7.91	27.60 2.68 -0.08	41.52 3.00 -12.20	41.73 3.06 -13.16	44.14 3.42 -11.76	38.60 3.54 -3.99	34.91 3.13 -1.98	38.55 3.01 -7.11	44.31 3.21 -11.96	47.08 3.27 -14.13	48.48 3.02 -17.97	48.48 3.04 -18.99	51.51 3.66 -14.26	51.00 4.06 -8.63	50.97 4.39 -3.09	46.42 3.40 0.00	44.23 3.70 -1.13	45.28 3.05 -5.88	36.63 3.02 -0.01	34.80 2.92 -0.82
LITTLE FALLS____HYD 24013	38.22 0.93 0.00	29.16 0.74 0.00	26.25 0.67 0.00	25.43 0.62 0.00	25.02 0.63 0.00	25.46 0.62 0.00	26.98 0.66 0.00	26.07 0.56 0.00	29.60 0.64 0.00	31.69 0.62 0.00	30.39 0.60 0.00	29.00 0.57 0.00	29.70 0.55 0.00	30.19 0.50 0.00	27.90 0.41 0.00	26.87 0.42 0.00	34.02 0.44 0.00	38.77 0.46 0.00	44.11 0.61 0.00	43.75 0.73 0.00	40.14 0.75 0.00	37.11 0.76 0.00	34.33 0.74 0.00	31.75 0.68 0.00

LITTLRIV_115KV_TB1 356100	37.85 0.56 0.00	28.37 -0.06 0.00	25.63 0.05 0.00	24.93 0.12 0.00	24.48 0.10 0.00	25.01 0.17 0.00	26.32 0.00 0.00	25.56 0.05 0.00	29.05 0.09 0.00	31.35 0.28 0.00	30.25 0.45 0.00	28.83 0.40 0.00	29.43 0.29 0.00	29.96 0.27 0.00	27.51 0.03 0.00	26.37 -0.08 0.00	33.85 0.27 0.00	38.73 0.42 0.00	44.24 0.74 0.00	43.97 0.95 0.00	40.02 0.63 0.00	37.22 0.87 0.00	34.33 0.74 0.00	31.69 0.62 0.00
LI_NEWBRDGE___DRP 323616	40.28 2.98 -0.01	33.10 2.56 -2.12	27.89 2.30 0.00	27.02 2.21 -0.01	26.56 2.17 0.00	27.03 2.19 -0.01	28.80 2.47 0.00	28.07 2.55 -0.01	31.83 2.87 0.00	37.60 2.89 -3.64	32.92 2.71 -0.41	36.06 2.53 -5.09	35.99 2.71 -4.13	35.99 2.76 -3.54	36.95 2.58 -6.88	37.36 2.62 -8.29	38.22 3.12 -1.51	41.92 3.60 -0.01	47.32 3.83 0.00	46.20 3.18 0.00	42.62 3.23 0.00	38.96 2.62 0.00	36.12 2.52 -0.01	34.28 2.45 -0.76
LOCKPORT_115KV_TB60_63_64 80432	35.54 -1.75 0.00	27.57 -0.85 0.00	24.53 -1.05 0.00	23.74 -1.07 0.00	23.44 -0.95 0.00	23.79 -1.04 0.00	25.19 -1.13 0.00	23.62 -1.89 0.00	27.31 -1.65 0.00	28.46 -2.61 0.00	27.92 -1.88 0.00	26.67 -1.76 0.00	27.25 -1.89 0.00	27.91 -1.78 0.00	25.78 -1.70 0.00	24.88 -1.56 0.00	31.20 -2.38 0.00	35.63 -2.68 0.00	40.54 -2.96 0.00	40.27 -2.75 0.00	37.38 -2.01 0.00	34.38 -1.96 0.00	32.08 -1.51 0.00	29.98 -1.09 0.00
LOCKPORT___CC1 323769	35.58 -1.71 0.00	27.57 -0.85 0.00	24.51 -1.07 0.00	23.72 -1.09 0.00	23.44 -0.95 0.00	23.80 -1.04 0.00	25.19 -1.13 0.00	23.65 -1.86 0.00	27.34 -1.62 0.00	28.46 -2.61 0.00	27.92 -1.88 0.00	26.67 -1.76 0.00	27.25 -1.89 0.00	27.91 -1.78 0.00	25.78 -1.70 0.00	24.88 -1.56 0.00	31.20 -2.38 0.00	35.63 -2.68 0.00	40.54 -2.96 0.00	40.27 -2.75 0.00	37.38 -2.01 0.00	34.42 -1.93 0.00	32.08 -1.51 0.00	29.98 -1.09 0.00
LOCKPORT___CC2 323770	35.58 -1.71 0.00	27.57 -0.85 0.00	24.51 -1.07 0.00	23.72 -1.09 0.00	23.44 -0.95 0.00	23.80 -1.04 0.00	25.19 -1.13 0.00	23.65 -1.86 0.00	27.34 -1.62 0.00	28.46 -2.61 0.00	27.92 -1.88 0.00	26.67 -1.76 0.00	27.25 -1.89 0.00	27.91 -1.78 0.00	25.78 -1.70 0.00	24.88 -1.56 0.00	31.20 -2.38 0.00	35.63 -2.68 0.00	40.54 -2.96 0.00	40.27 -2.75 0.00	37.38 -2.01 0.00	34.42 -1.93 0.00	32.08 -1.51 0.00	29.98 -1.09 0.00
LOCKPORT___CC3 323771	35.58 -1.71 0.00	27.57 -0.85 0.00	24.51 -1.07 0.00	23.72 -1.09 0.00	23.44 -0.95 0.00	23.80 -1.04 0.00	25.19 -1.13 0.00	23.65 -1.86 0.00	27.34 -1.62 0.00	28.46 -2.61 0.00	27.92 -1.88 0.00	26.67 -1.76 0.00	27.25 -1.89 0.00	27.91 -1.78 0.00	25.78 -1.70 0.00	24.88 -1.56 0.00	31.20 -2.38 0.00	35.63 -2.68 0.00	40.54 -2.96 0.00	40.27 -2.75 0.00	37.38 -2.01 0.00	34.42 -1.93 0.00	32.08 -1.51 0.00	29.98 -1.09 0.00
LOCUSVLY_69_KV_BK2 55797	40.66 3.36 -0.02	34.92 2.84 -3.65	28.44 2.56 -0.31	27.45 2.43 -0.21	27.05 2.39 -0.27	27.24 2.38 -0.01	29.45 2.71 -0.41	28.78 2.81 -0.46	32.51 3.16 -0.40	40.29 3.20 -6.01	41.25 2.98 -8.47	39.77 2.93 -8.41	39.25 3.12 -6.98	38.97 3.21 -6.08	39.69 3.02 -9.18	39.40 3.01 -9.94	38.73 3.63 -1.52	42.39 4.06 -0.01	47.80 4.31 0.00	46.68 3.66 0.00	43.06 3.66 0.00	39.43 3.09 0.00	36.50 2.89 -0.01	35.11 2.80 -1.25
LONG_LAKE_PHOENIX 24014	36.32 -0.97 0.00	27.86 -0.57 0.00	25.07 -0.51 0.00	24.29 -0.52 0.00	23.90 -0.49 0.00	24.32 -0.52 0.00	25.77 -0.55 0.00	24.87 -0.64 0.00	28.26 -0.70 0.00	30.14 -0.93 0.00	28.90 -0.89 0.00	27.58 -0.85 0.00	28.24 -0.90 0.00	28.77 -0.92 0.00	26.63 -0.85 0.00	25.70 -0.74 0.00	32.54 -1.04 0.00	37.16 -1.15 0.00	42.32 -1.17 0.00	41.90 -1.12 0.00	38.49 -0.91 0.00	35.47 -0.87 0.00	32.75 -0.84 0.00	30.29 -0.78 0.00
LOVETT___3 23632	39.75 2.46 0.00	30.56 2.13 0.00	27.50 1.92 0.00	26.65 1.84 0.00	26.19 1.80 0.00	26.60 1.76 0.00	28.37 2.05 0.00	27.68 2.17 0.00	31.33 2.37 0.00	33.50 2.42 0.00	32.06 2.26 0.00	30.71 2.27 0.00	31.59 2.45 0.00	32.18 2.49 0.00	33.08 2.39 -3.20	34.38 2.41 -5.53	37.88 2.85 -1.44	41.53 3.22 0.00	46.89 3.39 0.00	46.12 3.10 0.00	42.35 2.95 0.00	38.74 2.40 0.00	35.81 2.22 0.00	33.15 2.08 0.00
LOVETT___4 23642	39.75 2.46 0.00	30.56 2.13 0.00	27.50 1.92 0.00	26.65 1.84 0.00	26.19 1.80 0.00	26.60 1.76 0.00	28.37 2.05 0.00	27.68 2.17 0.00	31.33 2.37 0.00	33.50 2.42 0.00	32.06 2.26 0.00	30.71 2.27 0.00	31.59 2.45 0.00	32.18 2.49 0.00	33.08 2.39 -3.20	34.38 2.41 -5.53	37.88 2.85 -1.44	41.53 3.22 0.00	46.89 3.39 0.00	46.12 3.10 0.00	42.35 2.95 0.00	38.74 2.40 0.00	35.81 2.22 0.00	33.15 2.08 0.00
LOVETT___5 23593	39.75 2.46 0.00	30.56 2.13 0.00	27.50 1.92 0.00	26.65 1.84 0.00	26.19 1.80 0.00	26.60 1.76 0.00	28.37 2.05 0.00	27.68 2.17 0.00	31.33 2.37 0.00	33.50 2.42 0.00	32.06 2.26 0.00	30.71 2.27 0.00	31.59 2.45 0.00	32.18 2.49 0.00	33.08 2.39 -3.20	34.38 2.41 -5.53	37.88 2.85 -1.44	41.53 3.22 0.00	46.89 3.39 0.00	46.12 3.10 0.00	42.35 2.95 0.00	38.74 2.40 0.00	35.81 2.22 0.00	33.15 2.08 0.00
LOWER RAQUET___HYD 24057	37.44 0.15 0.00	28.08 -0.34 0.00	25.40 -0.18 0.00	24.69 -0.12 0.00	24.27 -0.12 0.00	24.74 -0.10 0.00	26.08 -0.24 0.00	25.36 -0.15 0.00	28.84 -0.12 0.00	31.17 0.09 0.00	30.04 0.24 0.00	28.63 0.20 0.00	29.26 0.12 0.00	29.75 0.06 0.00	27.35 -0.14 0.00	26.21 -0.24 0.00	33.62 0.03 0.00	38.43 0.12 0.00	43.84 0.35 0.00	43.45 0.43 0.00	39.59 0.20 0.00	36.81 0.47 0.00	33.96 0.37 0.00	31.38 0.31 0.00
LOWER___HUDSON 24059	38.86 1.57 0.00	29.82 1.39 0.00	26.81 1.23 0.00	26.00 1.19 0.00	25.56 1.17 0.00	25.98 1.14 0.00	27.61 1.29 0.00	26.88 1.38 0.00	30.44 1.48 0.00	32.53 1.46 0.00	31.11 1.31 0.00	29.63 1.19 0.00	30.42 1.28 0.00	31.03 1.34 0.00	29.12 1.29 -0.34	28.38 1.35 -0.58	35.32 1.58 -0.15	40.11 1.80 0.00	45.50 2.00 0.00	44.96 1.94 0.00	41.28 1.89 0.00	37.87 1.53 0.00	34.94 1.35 0.00	32.31 1.24 0.00
LOWVILLE_115KV_TB2 356335	37.89 0.60 0.00	28.77 0.34 0.00	25.94 0.36 0.00	25.16 0.35 0.00	24.80 0.41 0.00	25.26 0.42 0.00	26.61 0.29 0.00	25.71 0.20 0.00	29.19 0.23 0.00	31.13 0.06 0.00	29.95 0.15 0.00	28.49 0.06 0.00	28.91 -0.23 0.00	29.39 -0.30 0.00	27.10 -0.38 0.00	26.10 -0.34 0.00	33.22 -0.37 0.00	38.12 -0.19 0.00	43.80 0.30 0.00	43.62 0.60 0.00	40.34 0.95 0.00	37.22 0.87 0.00	34.40 0.81 0.00	31.59 0.53 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	39.49 2.20 0.00	30.16 1.73 0.00	27.06 1.48 0.00	26.22 1.41 0.00	25.80 1.41 0.00	26.23 1.39 0.00	27.87 1.55 0.00	27.09 1.58 0.00	30.73 1.77 0.00	32.84 1.77 0.00	31.38 1.58 0.00	29.88 1.45 0.00	30.63 1.49 0.00	31.23 1.54 0.00	29.16 1.48 -0.19	28.31 1.53 -0.33	35.65 1.98 -0.09	40.61 2.30 0.00	46.11 2.61 0.00	45.73 2.71 0.00	41.95 2.56 0.00	38.49 2.14 0.00	35.51 1.91 0.00	32.68 1.62 0.00

LUTHERNY_35_KV_BK2 355980	39.53 2.24 0.00	30.19 1.76 0.00	27.09 1.51 0.00	26.25 1.44 0.00	25.83 1.44 0.00	26.25 1.42 0.00	27.87 1.55 0.00	27.11 1.61 0.00	30.73 1.77 0.00	32.84 1.77 0.00	31.38 1.58 0.00	29.91 1.48 0.00	30.66 1.52 0.00	31.23 1.54 0.00	29.19 1.51 -0.19	28.34 1.56 -0.33	35.65 1.98 -0.09	40.61 2.30 0.00	46.15 2.65 0.00	45.77 2.75 0.00	41.99 2.60 0.00	38.52 2.18 0.00	35.51 1.91 0.00	32.71 1.65 0.00
LWR___OSWEGATCHIE_HYD 23850	37.44 0.15 0.00	28.25 -0.17 0.00	25.50 -0.08 0.00	24.76 -0.05 0.00	24.36 -0.02 0.00	24.84 0.00 0.00	26.19 -0.13 0.00	25.35 -0.15 0.00	28.81 -0.14 0.00	30.92 -0.16 0.00	29.80 0.00 0.00	28.38 -0.06 0.00	28.91 -0.23 0.00	29.39 -0.30 0.00	27.04 -0.44 0.00	26.00 -0.45 0.00	33.25 -0.34 0.00	38.08 -0.23 0.00	43.63 0.13 0.00	43.41 0.39 0.00	39.75 0.35 0.00	36.82 0.47 0.00	34.00 0.40 0.00	31.31 0.25 0.00
LYONS_FALL_HYD 23570	37.89 0.59 0.00	28.82 0.40 0.00	25.99 0.41 0.00	25.21 0.40 0.00	24.83 0.44 0.00	25.29 0.45 0.00	26.69 0.37 0.00	25.79 0.28 0.00	29.28 0.32 0.00	31.26 0.19 0.00	30.04 0.24 0.00	28.60 0.17 0.00	29.11 -0.03 0.00	29.63 -0.06 0.00	27.38 -0.11 0.00	26.37 -0.08 0.00	33.52 -0.07 0.00	38.39 0.08 0.00	43.98 0.48 0.00	43.75 0.73 0.00	40.34 0.94 0.00	37.14 0.80 0.00	34.33 0.74 0.00	31.59 0.53 0.00
MADISON___COUNTY_LFGE 323628	38.07 0.78 0.00	29.08 0.65 0.00	26.17 0.59 0.00	25.38 0.57 0.00	25.00 0.61 0.00	25.43 0.60 0.00	26.87 0.55 0.00	25.97 0.46 0.00	29.48 0.52 0.00	31.41 0.34 0.00	30.19 0.39 0.00	28.77 0.34 0.00	29.46 0.32 0.00	30.02 0.33 0.00	27.76 0.27 0.00	26.79 0.34 0.00	33.99 0.40 0.00	38.85 0.54 0.00	44.37 0.87 0.00	44.05 1.03 0.00	40.49 1.10 0.00	37.25 0.91 0.00	34.43 0.84 0.00	31.72 0.65 0.00
MALONE___115KV_TB1 356076	38.07 0.78 0.00	28.65 0.23 0.00	25.81 0.23 0.00	25.06 0.25 0.00	24.58 0.20 0.00	25.06 0.22 0.00	26.48 0.16 0.00	25.76 0.26 0.00	29.39 0.43 0.00	31.76 0.68 0.00	30.57 0.77 0.00	29.14 0.71 0.00	29.76 0.61 0.00	30.25 0.56 0.00	27.84 0.36 0.00	26.66 0.21 0.00	34.09 0.50 0.00	39.00 0.69 0.00	44.50 1.00 0.00	44.18 1.16 0.00	40.26 0.87 0.00	37.29 0.94 0.00	34.37 0.77 0.00	31.75 0.68 0.00
MAPLEWOD_115KV_TB3 80458	38.15 0.86 0.00	29.31 0.88 0.00	26.35 0.77 0.00	25.53 0.72 0.00	25.12 0.73 0.00	25.51 0.67 0.00	27.08 0.76 0.00	26.32 0.82 0.00	29.86 0.90 0.00	31.91 0.84 0.00	30.54 0.74 0.00	29.14 0.71 0.00	29.93 0.79 0.00	30.52 0.83 0.00	28.48 0.85 -0.14	27.62 0.93 -0.25	34.69 1.04 -0.06	39.42 1.11 0.00	44.63 1.13 0.00	44.14 1.12 0.00	40.53 1.14 0.00	37.18 0.84 0.00	34.40 0.81 0.00	31.72 0.65 0.00
MAPLE_RIDGE_WT_1 323574	37.25 -0.04 0.00	28.34 -0.09 0.00	25.48 -0.10 0.00	24.71 -0.10 0.00	24.27 -0.12 0.00	24.71 -0.12 0.00	26.19 -0.13 0.00	25.41 -0.10 0.00	28.87 -0.09 0.00	31.04 -0.03 0.00	29.77 -0.03 0.00	28.38 -0.06 0.00	29.06 -0.09 0.00	29.60 -0.09 0.00	27.35 -0.14 0.00	26.29 -0.16 0.00	33.42 -0.17 0.00	38.12 -0.19 0.00	43.28 -0.22 0.00	42.85 -0.17 0.00	39.20 -0.20 0.00	36.20 -0.14 0.00	33.46 -0.13 0.00	30.97 -0.09 0.00
MAPLE_RIDGE_WT_2 323611	37.25 -0.04 0.00	28.34 -0.09 0.00	25.48 -0.10 0.00	24.71 -0.10 0.00	24.27 -0.12 0.00	24.71 -0.12 0.00	26.19 -0.13 0.00	25.41 -0.10 0.00	28.87 -0.09 0.00	31.04 -0.03 0.00	29.77 -0.03 0.00	28.38 -0.06 0.00	29.06 -0.09 0.00	29.60 -0.09 0.00	27.35 -0.14 0.00	26.29 -0.16 0.00	33.42 -0.17 0.00	38.12 -0.19 0.00	43.28 -0.22 0.00	42.85 -0.17 0.00	39.20 -0.20 0.00	36.20 -0.14 0.00	33.46 -0.13 0.00	30.97 -0.09 0.00
MARBLE_RIVER_WT_PWR 323696	37.74 0.45 0.00	28.45 0.03 0.00	25.61 0.03 0.00	24.86 0.05 0.00	24.39 0.00 0.00	24.86 0.02 0.00	26.27 -0.05 0.00	25.53 0.03 0.00	29.05 0.09 0.00	31.41 0.34 0.00	30.19 0.39 0.00	28.78 0.34 0.00	29.41 0.26 0.00	29.90 0.21 0.00	27.54 0.06 0.00	26.37 -0.08 0.00	33.69 0.10 0.00	38.51 0.19 0.00	43.84 0.35 0.00	43.49 0.47 0.00	39.63 0.24 0.00	36.74 0.40 0.00	33.90 0.30 0.00	31.38 0.31 0.00
MARSHVLE_115KV_TB1 80742	39.49 2.20 0.00	30.04 1.62 0.00	26.89 1.30 0.00	26.07 1.27 0.00	25.68 1.29 0.00	26.10 1.27 0.00	27.66 1.34 0.00	26.66 1.15 0.00	30.20 1.25 0.00	32.19 1.12 0.00	30.87 1.07 0.00	29.34 0.91 0.00	29.84 0.70 0.00	30.37 0.68 0.00	28.09 0.60 0.00	27.03 0.58 0.00	34.36 0.77 0.00	39.42 1.11 0.00	45.15 1.65 0.00	45.47 2.45 0.00	41.95 2.56 0.00	38.63 2.29 0.00	35.58 1.98 0.00	32.62 1.55 0.00
MARSH_HILL_WT_PWR 323713	37.25 -0.04 0.00	28.65 0.23 0.00	25.53 -0.05 0.00	24.69 -0.12 0.00	24.31 -0.07 0.00	24.69 -0.15 0.00	26.16 -0.16 0.00	24.79 -0.71 0.00	28.41 -0.55 0.00	29.71 -1.37 0.00	28.84 -0.95 0.00	27.47 -0.97 0.00	28.10 -1.05 0.00	28.68 -1.01 0.00	26.52 -0.96 0.00	25.63 -0.82 0.00	32.34 -1.24 0.00	37.05 -1.26 0.00	42.50 -1.00 0.00	42.38 -0.64 0.00	39.43 0.04 0.00	36.34 0.00 0.00	33.70 0.10 0.00	31.13 0.06 0.00
MCINTYRE_115KV_TB2 80467	38.11 0.82 0.00	28.54 0.11 0.00	25.76 0.18 0.00	25.06 0.25 0.00	24.61 0.22 0.00	25.11 0.27 0.00	26.43 0.11 0.00	25.63 0.13 0.00	29.10 0.14 0.00	31.45 0.37 0.00	30.31 0.51 0.00	28.89 0.45 0.00	29.52 0.38 0.00	30.02 0.33 0.00	27.59 0.11 0.00	26.45 0.00 0.00	33.95 0.37 0.00	38.85 0.54 0.00	44.41 0.91 0.00	44.18 1.16 0.00	40.22 0.83 0.00	37.40 1.05 0.00	34.50 0.91 0.00	31.84 0.78 0.00
MECO_____69_KV_BK1 80468	40.24 2.95 0.00	30.58 2.16 0.00	27.35 1.77 0.00	26.50 1.69 0.00	26.12 1.73 0.00	26.53 1.69 0.00	28.14 1.82 0.00	27.24 1.73 0.00	30.90 1.94 0.00	32.94 1.86 0.00	31.56 1.76 0.00	30.03 1.59 0.00	30.60 1.46 0.00	31.17 1.48 0.00	28.91 1.43 0.00	27.85 1.40 0.00	35.43 1.85 0.00	40.65 2.34 0.00	46.41 2.91 0.00	46.50 3.48 0.00	42.74 3.35 0.00	39.29 2.94 0.00	36.18 2.59 0.00	33.15 2.08 0.00
MENANDS___115KV_TB5 355628	37.89 0.60 0.00	29.13 0.71 0.00	26.22 0.64 0.00	25.41 0.60 0.00	25.00 0.61 0.00	25.38 0.55 0.00	26.95 0.63 0.00	26.20 0.69 0.00	29.68 0.72 0.00	31.76 0.68 0.00	30.39 0.60 0.00	29.00 0.57 0.00	29.78 0.64 0.00	30.37 0.68 0.00	28.34 0.71 -0.14	27.48 0.79 -0.24	34.52 0.87 -0.06	39.16 0.84 0.00	44.32 0.83 0.00	43.84 0.82 0.00	40.22 0.83 0.00	36.92 0.58 0.00	34.17 0.57 0.00	31.53 0.47 0.00
MG INDUSTRY___DRP 24185	37.96 0.67 0.00	29.13 0.71 0.00	26.22 0.64 0.00	25.43 0.62 0.00	25.02 0.63 0.00	25.41 0.57 0.00	26.98 0.66 0.00	26.17 0.66 0.00	29.65 0.70 0.00	31.66 0.59 0.00	30.31 0.51 0.00	28.89 0.45 0.00	29.61 0.47 0.00	30.16 0.48 0.00	28.16 0.52 -0.15	27.32 0.61 -0.26	34.33 0.67 -0.07	39.00 0.69 0.00	44.24 0.74 0.00	43.84 0.82 0.00	40.26 0.87 0.00	36.96 0.62 0.00	34.23 0.64 0.00	31.59 0.53 0.00

MID___OSWEGATCHIE_HYD 23849	37.44 0.15 0.00	28.25 -0.17 0.00	25.50 -0.08 0.00	24.76 -0.05 0.00	24.36 -0.02 0.00	24.84 0.00 0.00	26.19 -0.13 0.00	25.35 -0.15 0.00	28.81 -0.14 0.00	30.92 -0.16 0.00	29.80 0.00 0.00	28.38 -0.06 0.00	28.91 -0.23 0.00	29.39 -0.30 0.00	27.04 -0.44 0.00	26.00 -0.45 0.00	33.25 -0.34 0.00	38.08 -0.23 0.00	43.63 0.13 0.00	43.41 0.39 0.00	39.75 0.35 0.00	36.82 0.47 0.00	34.00 0.40 0.00	31.31 0.25 0.00
MID___RAQUETTE_HYD 23851	37.44 0.15 0.00	28.08 -0.34 0.00	25.40 -0.18 0.00	24.69 -0.12 0.00	24.27 -0.12 0.00	24.74 -0.10 0.00	26.08 -0.24 0.00	25.35 -0.15 0.00	28.84 -0.12 0.00	31.17 0.09 0.00	30.04 0.24 0.00	28.63 0.20 0.00	29.26 0.12 0.00	29.75 0.06 0.00	27.35 -0.14 0.00	26.21 -0.24 0.00	33.62 0.03 0.00	38.43 0.11 0.00	43.84 0.35 0.00	43.45 0.43 0.00	39.59 0.20 0.00	36.82 0.47 0.00	33.96 0.37 0.00	31.38 0.31 0.00
MILLIKEN___1 23584	37.63 0.34 0.00	28.88 0.45 0.00	25.91 0.33 0.00	25.11 0.30 0.00	24.73 0.34 0.00	25.16 0.32 0.00	26.66 0.34 0.00	25.63 0.13 0.00	29.19 0.23 0.00	30.98 -0.09 0.00	29.80 0.00 0.00	28.40 -0.03 0.00	29.06 -0.09 0.00	29.60 -0.09 0.00	27.43 -0.05 0.00	26.47 0.03 0.00	33.55 -0.03 0.00	38.35 0.04 0.00	43.80 0.30 0.00	43.45 0.43 0.00	40.06 0.67 0.00	36.85 0.51 0.00	34.06 0.47 0.00	31.41 0.34 0.00
MILLIKEN___2 23585	37.63 0.34 0.00	28.88 0.45 0.00	25.91 0.33 0.00	25.11 0.30 0.00	24.73 0.34 0.00	25.16 0.32 0.00	26.66 0.34 0.00	25.63 0.13 0.00	29.19 0.23 0.00	30.98 -0.09 0.00	29.80 0.00 0.00	28.40 -0.03 0.00	29.06 -0.09 0.00	29.60 -0.09 0.00	27.43 -0.05 0.00	26.47 0.03 0.00	33.55 -0.03 0.00	38.35 0.04 0.00	43.80 0.30 0.00	43.45 0.43 0.00	40.06 0.67 0.00	36.85 0.51 0.00	34.06 0.47 0.00	31.41 0.34 0.00
MILLIKEN___DIESEL 23629	37.63 0.34 0.00	28.88 0.45 0.00	25.91 0.33 0.00	25.11 0.30 0.00	24.73 0.34 0.00	25.16 0.32 0.00	26.66 0.34 0.00	25.63 0.13 0.00	29.19 0.23 0.00	30.98 -0.09 0.00	29.80 0.00 0.00	28.40 -0.03 0.00	29.06 -0.09 0.00	29.60 -0.09 0.00	27.43 -0.05 0.00	26.47 0.03 0.00	33.55 -0.03 0.00	38.35 0.04 0.00	43.80 0.30 0.00	43.45 0.43 0.00	40.06 0.67 0.00	36.85 0.51 0.00	34.06 0.47 0.00	31.41 0.34 0.00
MILLSEAT___LFGE 323607	36.32 -0.97 0.00	28.14 -0.28 0.00	25.02 -0.56 0.00	24.19 -0.62 0.00	23.90 -0.49 0.00	24.22 -0.62 0.00	25.64 -0.68 0.00	24.10 -1.40 0.00	27.80 -1.16 0.00	29.02 -2.05 0.00	28.43 -1.37 0.00	27.15 -1.28 0.00	27.72 -1.43 0.00	28.38 -1.31 0.00	26.25 -1.24 0.00	25.41 -1.03 0.00	31.91 -1.68 0.00	36.47 -1.84 0.00	41.67 -1.83 0.00	41.43 -1.59 0.00	38.45 -0.95 0.00	35.29 -1.06 0.00	32.86 -0.74 0.00	30.54 -0.53 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.83 2.54 0.00	30.61 2.19 0.00	27.55 1.97 0.00	26.70 1.89 0.00	26.24 1.85 0.00	26.65 1.81 0.00	28.43 2.11 0.00	27.73 2.22 0.00	31.42 2.46 0.00	33.56 2.49 0.00	32.12 2.32 0.00	30.76 2.33 0.00	31.68 2.54 0.00	32.27 2.58 0.00	33.27 2.47 -3.31	34.64 2.49 -5.71	38.03 2.96 -1.49	41.61 3.29 0.00	46.98 3.48 0.00	46.20 3.18 0.00	42.42 3.03 0.00	38.78 2.43 0.00	35.88 2.28 0.00	33.21 2.14 0.00
MILLWOOD_13_KV_LOAD 356217	39.98 2.68 0.00	30.73 2.30 0.00	27.63 2.05 0.00	26.77 1.96 0.00	26.31 1.93 0.00	26.73 1.89 0.00	28.51 2.18 0.00	27.83 2.32 0.00	31.51 2.55 0.00	33.68 2.61 0.00	32.24 2.44 0.00	30.88 2.45 0.00	31.80 2.65 0.00	32.39 2.70 0.00	33.40 2.61 -3.31	34.75 2.59 -5.71	38.17 3.09 -1.49	41.76 3.45 0.00	47.19 3.70 0.00	46.33 3.31 0.00	42.54 3.15 0.00	38.89 2.54 0.00	35.98 2.39 0.00	33.30 2.24 0.00
MODEL_CITY_ENERGY 24167	35.24 -2.05 0.00	27.37 -1.05 0.00	24.35 -1.23 0.00	23.57 -1.24 0.00	23.29 -1.10 0.00	23.65 -1.19 0.00	25.03 -1.29 0.00	23.42 -2.09 0.00	27.05 -1.91 0.00	28.15 -2.92 0.00	27.65 -2.15 0.00	26.41 -2.02 0.00	26.99 -2.16 0.00	27.64 -2.05 0.00	25.53 -1.95 0.00	24.65 -1.80 0.00	30.87 -2.72 0.00	35.25 -3.07 0.00	40.10 -3.39 0.00	39.79 -3.23 0.00	36.99 -2.40 0.00	34.02 -2.33 0.00	31.71 -1.88 0.00	29.73 -1.33 0.00
MODERN_LFGE___ 323580	35.24 -2.05 0.00	27.37 -1.05 0.00	24.35 -1.23 0.00	23.57 -1.24 0.00	23.29 -1.10 0.00	23.65 -1.19 0.00	25.03 -1.29 0.00	23.42 -2.09 0.00	27.05 -1.91 0.00	28.15 -2.92 0.00	27.65 -2.15 0.00	26.41 -2.02 0.00	26.99 -2.16 0.00	27.64 -2.05 0.00	25.53 -1.95 0.00	24.65 -1.80 0.00	30.87 -2.72 0.00	35.25 -3.07 0.00	40.10 -3.39 0.00	39.79 -3.23 0.00	36.99 -2.40 0.00	34.02 -2.33 0.00	31.71 -1.88 0.00	29.73 -1.33 0.00
MOHAWK_PAPER___DRP 24187	38.15 0.86 0.00	29.31 0.88 0.00	26.35 0.77 0.00	25.53 0.72 0.00	25.12 0.73 0.00	25.51 0.67 0.00	27.08 0.76 0.00	26.32 0.82 0.00	29.86 0.90 0.00	31.91 0.84 0.00	30.54 0.74 0.00	29.14 0.71 0.00	29.93 0.79 0.00	30.52 0.83 0.00	28.48 0.85 -0.14	27.62 0.93 -0.25	34.69 1.04 -0.06	39.42 1.11 0.00	44.63 1.13 0.00	44.14 1.12 0.00	40.53 1.14 0.00	37.18 0.84 0.00	34.40 0.81 0.00	31.72 0.65 0.00
MOHICAN___35_KV_115KV_LD 80490	40.16 2.87 0.00	30.58 2.16 0.00	27.37 1.79 0.00	26.52 1.71 0.00	26.12 1.73 0.00	26.55 1.71 0.00	28.19 1.87 0.00	27.45 1.94 0.00	31.13 2.17 0.00	33.31 2.24 0.00	31.71 1.91 0.00	30.17 1.73 0.00	30.89 1.75 0.00	31.47 1.78 0.00	29.43 1.76 -0.18	28.56 1.80 -0.32	36.15 2.49 -0.08	41.22 2.91 0.00	46.98 3.48 0.00	46.63 3.61 0.00	42.78 3.39 0.00	39.21 2.87 0.00	36.11 2.52 0.00	33.15 2.08 0.00
MONGAUP___HYD 23641	39.45 2.16 0.00	30.33 1.90 0.00	27.27 1.69 0.00	26.40 1.59 0.00	25.95 1.56 0.00	26.40 1.57 0.00	28.09 1.76 0.00	27.29 1.78 0.00	30.87 1.91 0.00	32.91 1.83 0.00	31.53 1.73 0.00	30.11 1.68 0.00	30.95 1.81 0.00	31.50 1.81 0.00	32.08 1.76 -2.84	32.99 1.64 -4.90	36.54 1.68 -1.28	40.30 1.99 0.00	45.71 2.22 0.00	45.26 2.24 0.00	41.52 2.13 0.00	38.02 1.67 0.00	35.44 1.85 0.00	32.96 1.90 0.00
MONTAUK___DIESEL 23721	41.83 3.95 -0.59	38.56 3.41 -6.73	37.45 3.04 -8.82	33.79 2.95 -6.03	35.18 2.95 -7.84	27.97 3.06 -0.08	41.94 3.53 -12.10	42.26 3.70 -13.05	44.88 4.26 -11.66	39.66 4.60 -3.99	35.99 4.23 -1.96	39.84 4.32 -7.09	45.64 4.60 -11.89	48.39 4.66 -14.04	49.60 4.23 -17.88	49.56 4.20 -18.91	52.75 5.00 -14.16	52.54 5.67 -8.56	52.34 5.79 -3.06	47.45 4.43 0.00	45.05 4.53 -1.13	45.89 3.71 -5.84	37.13 3.53 -0.01	35.45 3.57 -0.81
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.92 -0.37 0.00	28.45 0.03 0.00	25.30 -0.28 0.00	24.49 -0.32 0.00	24.17 -0.22 0.00	24.56 -0.27 0.00	26.08 -0.24 0.00	24.72 -0.79 0.00	28.64 -0.32 0.00	29.89 -1.18 0.00	29.23 -0.57 0.00	27.92 -0.51 0.00	28.50 -0.64 0.00	29.13 -0.56 0.00	26.91 -0.58 0.00	26.05 -0.40 0.00	32.71 -0.87 0.00	37.43 -0.88 0.00	42.63 -0.87 0.00	42.33 -0.69 0.00	39.23 -0.16 0.00	36.12 -0.22 0.00	33.46 -0.13 0.00	30.85 -0.22 0.00

MORRIS_RIDGE___SOLAR 323848	36.62 -0.67 0.00	28.20 -0.23 0.00	25.15 -0.44 0.00	24.31 -0.50 0.00	23.97 -0.41 0.00	24.37 -0.47 0.00	25.82 -0.50 0.00	24.41 -1.10 0.00	27.94 -1.01 0.00	29.21 -1.86 0.00	28.40 -1.40 0.00	27.07 -1.36 0.00	27.66 -1.49 0.00	28.26 -1.42 0.00	26.14 -1.35 0.00	25.26 -1.19 0.00	31.87 -1.71 0.00	36.47 -1.84 0.00	41.71 -1.79 0.00	41.64 -1.38 0.00	38.76 -0.63 0.00	35.69 -0.65 0.00	33.12 -0.47 0.00	30.69 -0.37 0.00
MORTIMER_115KV_TB3 55949	36.28 -1.01 0.00	27.94 -0.48 0.00	24.92 -0.67 0.00	24.11 -0.69 0.00	23.78 -0.61 0.00	24.12 -0.72 0.00	25.58 -0.74 0.00	24.41 -1.10 0.00	27.97 -0.98 0.00	29.52 -1.55 0.00	28.70 -1.10 0.00	27.41 -1.02 0.00	28.01 -1.14 0.00	28.62 -1.07 0.00	26.50 -0.99 0.00	25.60 -0.85 0.00	32.24 -1.34 0.00	36.82 -1.49 0.00	42.02 -1.48 0.00	41.64 -1.38 0.00	38.49 -0.91 0.00	35.36 -0.98 0.00	32.82 -0.77 0.00	30.38 -0.68 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.12 2.83 0.00	30.87 2.44 0.00	27.76 2.17 0.00	26.87 2.06 0.00	26.41 2.02 0.00	26.83 1.99 0.00	28.64 2.32 0.00	27.96 2.45 0.00	31.65 2.69 0.00	33.84 2.77 0.00	32.36 2.56 0.00	31.02 2.59 0.00	31.94 2.80 0.00	32.57 2.88 0.00	33.54 2.72 -3.33	34.95 2.75 -5.76	38.38 3.29 -1.50	42.03 3.72 0.00	47.37 3.87 0.00	46.55 3.53 0.00	42.74 3.35 0.00	39.07 2.73 0.00	36.11 2.52 0.00	33.46 2.39 0.00
MUNSVILLE_WIND_PWR 323609	39.68 2.39 0.00	30.27 1.85 0.00	27.22 1.64 0.00	26.42 1.61 0.00	26.07 1.68 0.00	26.53 1.69 0.00	27.93 1.61 0.00	26.83 1.33 0.00	30.49 1.53 0.00	32.10 1.02 0.00	30.93 1.13 0.00	29.45 1.02 0.00	30.08 0.93 0.00	30.61 0.92 0.00	28.33 0.74 -0.10	27.51 0.90 -0.17	34.70 1.07 -0.04	39.81 1.49 0.00	45.93 2.43 0.00	45.95 2.93 0.00	42.31 2.91 0.00	38.89 2.54 0.00	35.95 2.35 0.00	32.96 1.90 0.00
N SALMON___HYD 24042	38.07 0.78 0.00	28.65 0.23 0.00	25.81 0.23 0.00	25.06 0.25 0.00	24.58 0.19 0.00	25.06 0.22 0.00	26.48 0.16 0.00	25.76 0.26 0.00	29.39 0.44 0.00	31.76 0.68 0.00	30.57 0.77 0.00	29.14 0.71 0.00	29.76 0.61 0.00	30.25 0.56 0.00	27.84 0.36 0.00	26.66 0.21 0.00	34.09 0.50 0.00	39.00 0.69 0.00	44.50 1.00 0.00	44.18 1.16 0.00	40.26 0.87 0.00	37.29 0.94 0.00	34.37 0.77 0.00	31.75 0.68 0.00
N.AKRON__115KV_KNAPP 355671	36.25 -1.04 0.00	28.08 -0.34 0.00	24.97 -0.61 0.00	24.14 -0.67 0.00	23.85 -0.54 0.00	24.17 -0.67 0.00	25.58 -0.74 0.00	24.05 -1.45 0.00	27.77 -1.19 0.00	28.99 -2.08 0.00	28.40 -1.40 0.00	27.12 -1.31 0.00	27.66 -1.49 0.00	28.35 -1.34 0.00	26.22 -1.26 0.00	25.36 -1.08 0.00	31.84 -1.75 0.00	36.40 -1.92 0.00	41.54 -1.96 0.00	41.26 -1.76 0.00	38.33 -1.06 0.00	35.18 -1.16 0.00	32.75 -0.84 0.00	30.48 -0.59 0.00
N.E_GEN_SANDY PD 24062	39.53 2.24 0.00	30.44 2.02 0.00	27.90 1.89 -0.43	26.80 1.81 -0.18	26.23 1.78 -0.06	28.40 1.74 -1.82	28.60 1.98 -0.30	27.65 2.14 0.00	31.25 2.29 0.00	33.37 2.30 0.00	31.95 2.15 0.00	30.39 1.96 0.00	31.30 2.16 0.00	31.89 2.20 0.00	32.26 2.09 -2.69	33.21 2.12 -4.64	37.28 2.49 -1.21	41.11 2.80 0.00	46.54 3.04 0.00	45.78 2.76 0.00	42.11 2.72 0.00	38.49 2.14 0.00	35.51 1.91 0.00	32.96 1.90 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.83 2.54 0.00	30.64 2.22 0.00	27.55 1.97 0.00	26.70 1.89 0.00	26.22 1.83 0.00	26.65 1.81 0.00	28.43 2.11 0.00	27.73 2.22 0.00	31.39 2.43 0.00	33.53 2.45 0.00	32.12 2.32 0.00	30.74 2.30 0.00	31.65 2.51 0.00	32.24 2.55 0.00	33.11 2.45 -3.18	34.40 2.46 -5.50	37.94 2.92 -1.43	41.61 3.29 0.00	46.98 3.48 0.00	46.25 3.23 0.00	42.46 3.07 0.00	38.81 2.47 0.00	35.88 2.28 0.00	33.21 2.14 0.00
N.QUEENS_27_KV_LOAD 356247	40.32 3.02 -0.01	31.05 2.62 -0.01	27.92 2.33 -0.01	27.02 2.21 -0.01	26.56 2.17 -0.01	27.01 2.16 -0.01	28.74 2.42 0.00	27.98 2.47 0.00	31.54 2.58 0.00	33.68 2.61 0.00	32.24 2.44 0.00	30.93 2.50 0.00	31.88 2.74 0.00	32.48 2.79 0.00	33.46 2.64 -3.33	34.87 2.67 -5.76	38.28 3.19 -1.50	42.03 3.72 0.00	47.24 3.74 0.00	46.37 3.36 0.00	42.54 3.15 0.00	39.10 2.76 0.00	36.25 2.65 0.00	33.71 2.64 -0.01
N.TROY___115KV_TB1 355778	38.86 1.57 0.00	29.82 1.39 0.00	26.81 1.23 0.00	26.00 1.19 0.00	25.56 1.17 0.00	25.98 1.14 0.00	27.61 1.29 0.00	26.88 1.38 0.00	30.44 1.48 0.00	32.53 1.46 0.00	31.11 1.31 0.00	29.63 1.19 0.00	30.43 1.28 0.00	31.03 1.34 0.00	29.11 1.29 -0.34	28.38 1.35 -0.58	35.32 1.58 -0.15	40.11 1.80 0.00	45.50 2.00 0.00	44.96 1.94 0.00	41.28 1.89 0.00	37.87 1.53 0.00	34.94 1.34 0.00	32.31 1.24 0.00
NARROWS_GT1_1 24228	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
NARROWS_GT1_2 24229	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
NARROWS_GT1_3 24230	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
NARROWS_GT1_4 24231	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
NARROWS_GT1_5 24232	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01

NARROWS_GT1_6 24233	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
NARROWS_GT1_7 24234	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
NARROWS_GT1_8 24235	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
NARROWS_GT2_1 24236	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
NARROWS_GT2_2 24237	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
NARROWS_GT2_3 24238	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
NARROWS_GT2_4 24239	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
NARROWS_GT2_5 24240	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
NARROWS_GT2_6 24241	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
NARROWS_GT2_7 24242	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
NARROWS_GT2_8 24243	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	38.60 1.31 0.00	29.65 1.22 0.00	26.63 1.05 0.00	25.78 0.97 0.00	25.36 0.98 0.00	25.78 0.94 0.00	27.35 1.03 0.00	26.50 0.99 0.00	30.00 1.04 0.00	31.97 0.90 0.00	30.60 0.80 0.00	29.12 0.68 0.00	29.84 0.70 0.00	30.40 0.71 0.00	29.05 0.85 -0.71	28.62 0.95 -1.23	35.05 1.14 -0.32	39.54 1.23 0.00	45.02 1.52 0.00	44.78 1.76 0.00	41.13 1.73 0.00	37.72 1.38 0.00	34.90 1.31 0.00	32.12 1.06 0.00
NCHELSEA_115KV_TR2 355582	39.83 2.54 0.00	30.64 2.22 0.00	27.58 2.00 0.00	26.70 1.89 0.00	26.24 1.85 0.00	26.68 1.84 0.00	28.43 2.11 0.00	27.70 2.19 0.00	31.36 2.40 0.00	33.46 2.39 0.00	32.09 2.29 0.00	30.65 2.22 0.00	31.53 2.39 0.00	32.09 2.40 0.00	33.06 2.34 -3.24	34.39 2.35 -5.60	37.87 2.82 -1.46	41.53 3.22 0.00	46.98 3.48 0.00	46.33 3.31 0.00	42.54 3.15 0.00	38.89 2.54 0.00	35.98 2.39 0.00	33.24 2.17 0.00
NEG CAPITAL____MECHNVIL 23645	39.57 2.28 0.00	30.22 1.79 0.00	27.12 1.53 0.00	26.27 1.46 0.00	25.85 1.46 0.00	26.28 1.44 0.00	27.93 1.61 0.00	27.16 1.66 0.00	30.81 1.86 0.00	32.94 1.86 0.00	31.47 1.67 0.00	30.00 1.56 0.00	30.75 1.60 0.00	31.35 1.66 0.00	29.35 1.62 -0.25	28.54 1.67 -0.43	35.78 2.08 -0.11	40.73 2.42 0.00	46.28 2.79 0.00	45.81 2.79 0.00	42.07 2.68 0.00	38.56 2.22 0.00	35.58 1.98 0.00	32.74 1.68 0.00
NEG CENTRAL_HIGH_ACRES 23767	35.76 -1.53 0.00	27.54 -0.88 0.00	24.58 -1.00 0.00	23.79 -1.02 0.00	23.46 -0.93 0.00	23.80 -1.04 0.00	25.24 -1.08 0.00	24.13 -1.38 0.00	27.66 -1.30 0.00	29.24 -1.83 0.00	28.37 -1.43 0.00	27.07 -1.36 0.00	27.66 -1.49 0.00	28.24 -1.45 0.00	26.17 -1.32 0.00	25.28 -1.16 0.00	31.87 -1.71 0.00	36.40 -1.91 0.00	41.54 -1.96 0.00	41.13 -1.89 0.00	37.98 -1.42 0.00	34.89 -1.45 0.00	32.35 -1.24 0.00	29.92 -1.15 0.00

NEG CENTRAL___DRP 24199	36.95 -0.34 0.00	28.37 -0.06 0.00	25.43 -0.15 0.00	24.61 -0.20 0.00	24.24 -0.15 0.00	24.66 -0.17 0.00	26.14 -0.18 0.00	25.07 -0.43 0.00	28.61 -0.35 0.00	30.33 -0.75 0.00	29.23 -0.57 0.00	27.89 -0.54 0.00	28.50 -0.64 0.00	29.10 -0.59 0.00	26.93 -0.55 0.00	26.02 -0.42 0.00	32.95 -0.64 0.00	37.66 -0.65 0.00	42.89 -0.61 0.00	42.50 -0.52 0.00	39.31 -0.08 0.00	36.16 -0.18 0.00	33.43 -0.17 0.00	30.85 -0.22 0.00
NEG CENTRAL___INDECK 23768	37.52 0.23 0.00	28.91 0.48 0.00	25.71 0.13 0.00	24.86 0.05 0.00	24.53 0.15 0.00	24.86 0.02 0.00	26.32 0.00 0.00	24.92 -0.59 0.00	28.44 -0.52 0.00	29.71 -1.37 0.00	28.79 -1.01 0.00	27.44 -1.00 0.00	28.04 -1.11 0.00	28.62 -1.07 0.00	26.47 -1.02 0.00	25.57 -0.87 0.00	32.31 -1.28 0.00	37.16 -1.15 0.00	42.85 -0.65 0.00	42.93 -0.09 0.00	39.98 0.59 0.00	36.74 0.40 0.00	34.06 0.47 0.00	31.38 0.31 0.00
NEG CENTRAL___SENECA 23627	37.10 -0.19 0.00	28.51 0.09 0.00	25.50 -0.08 0.00	24.69 -0.12 0.00	24.31 -0.07 0.00	24.71 -0.12 0.00	26.22 -0.11 0.00	25.07 -0.43 0.00	28.67 -0.29 0.00	30.30 -0.78 0.00	29.26 -0.54 0.00	27.92 -0.51 0.00	28.53 -0.61 0.00	29.13 -0.56 0.00	26.96 -0.52 0.00	26.05 -0.40 0.00	32.95 -0.64 0.00	37.70 -0.61 0.00	42.93 -0.57 0.00	42.59 -0.43 0.00	39.55 0.16 0.00	36.38 0.04 0.00	33.63 0.03 0.00	31.00 -0.06 0.00
NEG CENTRAL___STATE_STREET 24147	36.99 -0.30 0.00	28.37 -0.06 0.00	25.45 -0.13 0.00	24.66 -0.15 0.00	24.29 -0.10 0.00	24.71 -0.12 0.00	26.19 -0.13 0.00	25.20 -0.31 0.00	28.73 -0.23 0.00	30.54 -0.53 0.00	29.35 -0.45 0.00	28.03 -0.40 0.00	28.68 -0.47 0.00	29.21 -0.48 0.00	27.07 -0.41 0.00	26.13 -0.32 0.00	33.12 -0.47 0.00	37.82 -0.50 0.00	43.10 -0.39 0.00	42.72 -0.30 0.00	39.35 -0.04 0.00	36.23 -0.11 0.00	33.46 -0.13 0.00	30.85 -0.22 0.00
NEG MILLWOOD___DRP 24198	40.09 2.80 0.00	30.78 2.36 0.00	27.68 2.10 0.00	26.84 2.03 0.00	26.41 2.02 0.00	26.80 1.96 0.00	28.59 2.26 0.00	27.88 2.37 0.00	31.57 2.61 0.00	33.74 2.67 0.00	32.36 2.56 0.00	30.96 2.53 0.00	31.85 2.71 0.00	32.48 2.79 0.00	33.51 2.69 -3.33	34.84 2.64 -5.75	38.24 3.16 -1.50	41.84 3.52 0.00	47.37 3.87 0.00	46.55 3.53 0.00	42.70 3.31 0.00	39.07 2.73 0.00	36.15 2.55 0.00	33.37 2.30 0.00
NEG NORTH_FLCN_SEA 23793	38.22 0.93 0.00	28.79 0.37 0.00	25.91 0.33 0.00	25.18 0.37 0.00	24.68 0.29 0.00	25.16 0.32 0.00	26.58 0.26 0.00	25.84 0.33 0.00	29.42 0.46 0.00	31.79 0.71 0.00	30.57 0.77 0.00	29.14 0.71 0.00	29.78 0.64 0.00	30.25 0.56 0.00	27.87 0.38 0.00	26.68 0.24 0.00	34.06 0.47 0.00	38.96 0.65 0.00	44.41 0.91 0.00	44.10 1.08 0.00	40.18 0.79 0.00	37.22 0.87 0.00	34.33 0.74 0.00	31.78 0.71 0.00
NEG NORTH_KES_CHATEGAY 23792	37.78 0.48 0.00	28.45 0.03 0.00	25.61 0.03 0.00	24.86 0.05 0.00	24.39 0.00 0.00	24.86 0.02 0.00	26.27 -0.05 0.00	25.53 0.03 0.00	29.05 0.09 0.00	31.41 0.34 0.00	30.19 0.39 0.00	28.77 0.34 0.00	29.41 0.26 0.00	29.90 0.21 0.00	27.54 0.05 0.00	26.34 -0.11 0.00	33.69 0.10 0.00	38.50 0.19 0.00	43.89 0.39 0.00	43.54 0.52 0.00	39.67 0.28 0.00	36.82 0.47 0.00	33.93 0.34 0.00	31.41 0.34 0.00
NEG NORTH___ALICE_FALLS 23915	38.30 1.01 0.00	28.88 0.45 0.00	25.99 0.41 0.00	25.23 0.42 0.00	24.73 0.34 0.00	25.19 0.35 0.00	26.61 0.29 0.00	25.89 0.38 0.00	29.51 0.55 0.00	31.88 0.81 0.00	30.66 0.86 0.00	29.20 0.77 0.00	29.84 0.70 0.00	30.34 0.65 0.00	27.92 0.44 0.00	26.74 0.29 0.00	34.16 0.57 0.00	39.08 0.77 0.00	44.58 1.09 0.00	44.27 1.25 0.00	40.34 0.95 0.00	37.36 1.02 0.00	34.43 0.84 0.00	31.87 0.81 0.00
NEG NORTH___LWR_SARANAC 23913	38.30 1.01 0.00	28.88 0.45 0.00	25.99 0.41 0.00	25.23 0.42 0.00	24.73 0.34 0.00	25.19 0.35 0.00	26.61 0.29 0.00	25.89 0.38 0.00	29.51 0.55 0.00	31.88 0.81 0.00	30.66 0.86 0.00	29.20 0.77 0.00	29.84 0.70 0.00	30.34 0.65 0.00	27.92 0.44 0.00	26.74 0.29 0.00	34.16 0.57 0.00	39.08 0.77 0.00	44.58 1.09 0.00	44.27 1.25 0.00	40.34 0.95 0.00	37.36 1.02 0.00	34.43 0.84 0.00	31.87 0.81 0.00
NEG NORTH___PLATTSBURG 23628	38.30 1.01 0.00	28.88 0.45 0.00	25.99 0.41 0.00	25.23 0.42 0.00	24.73 0.34 0.00	25.19 0.35 0.00	26.61 0.29 0.00	25.89 0.38 0.00	29.51 0.55 0.00	31.88 0.81 0.00	30.66 0.86 0.00	29.20 0.77 0.00	29.84 0.70 0.00	30.34 0.65 0.00	27.92 0.44 0.00	26.74 0.29 0.00	34.16 0.57 0.00	39.08 0.77 0.00	44.58 1.09 0.00	44.27 1.25 0.00	40.34 0.94 0.00	37.36 1.02 0.00	34.43 0.84 0.00	31.87 0.81 0.00
NEG WEST_LEA_LOCKPORT 23791	35.57 -1.72 0.00	27.57 -0.85 0.00	24.51 -1.07 0.00	23.72 -1.09 0.00	23.44 -0.95 0.00	23.79 -1.04 0.00	25.19 -1.13 0.00	23.65 -1.86 0.00	27.34 -1.62 0.00	28.49 -2.58 0.00	27.92 -1.88 0.00	26.67 -1.76 0.00	27.25 -1.89 0.00	27.91 -1.78 0.00	25.78 -1.70 0.00	24.88 -1.56 0.00	31.20 -2.38 0.00	35.63 -2.68 0.00	40.54 -2.96 0.00	40.27 -2.75 0.00	37.38 -2.01 0.00	34.42 -1.93 0.00	32.08 -1.51 0.00	29.98 -1.09 0.00
NEG WEST___LANCASTR 23811	36.21 -1.08 0.00	27.91 -0.51 0.00	24.84 -0.74 0.00	24.04 -0.77 0.00	23.73 -0.66 0.00	24.12 -0.72 0.00	25.58 -0.74 0.00	24.31 -1.20 0.00	28.06 -0.90 0.00	29.36 -1.71 0.00	28.67 -1.13 0.00	27.38 -1.05 0.00	27.98 -1.17 0.00	28.65 -1.04 0.00	26.47 -1.02 0.00	25.60 -0.85 0.00	32.17 -1.41 0.00	36.78 -1.53 0.00	41.89 -1.61 0.00	41.56 -1.46 0.00	38.53 -0.87 0.00	35.43 -0.91 0.00	32.92 -0.67 0.00	30.41 -0.65 0.00
NEG_PENN_ALLEGHNY 23528	37.40 0.11 0.00	28.71 0.28 0.00	25.74 0.15 0.00	24.93 0.12 0.00	24.53 0.15 0.00	24.96 0.12 0.00	26.48 0.16 0.00	25.48 -0.03 0.00	29.08 0.12 0.00	30.86 -0.22 0.00	29.71 -0.09 0.00	28.35 -0.09 0.00	29.03 -0.12 0.00	29.60 -0.09 0.00	27.50 -0.08 -0.10	26.62 0.00 -0.17	33.50 -0.13 -0.05	38.20 -0.11 0.00	43.50 0.00 0.00	43.06 0.04 0.00	39.71 0.31 0.00	36.53 0.18 0.00	33.76 0.17 0.00	31.19 0.12 0.00
NEG___GEN_MONROE 24207	36.32 -0.97 0.00	28.00 -0.43 0.00	24.94 -0.64 0.00	24.14 -0.67 0.00	23.83 -0.56 0.00	24.17 -0.67 0.00	25.61 -0.71 0.00	24.33 -1.17 0.00	27.92 -1.04 0.00	29.36 -1.71 0.00	28.55 -1.25 0.00	27.24 -1.19 0.00	27.83 -1.31 0.00	28.47 -1.22 0.00	26.36 -1.13 0.00	25.47 -0.98 0.00	32.07 -1.51 0.00	36.70 -1.61 0.00	41.89 -1.61 0.00	41.64 -1.38 0.00	38.53 -0.87 0.00	35.36 -0.98 0.00	32.82 -0.77 0.00	30.41 -0.65 0.00
NEPA___ENERGY 23901	36.40 -0.89 0.00	28.05 -0.37 0.00	24.97 -0.61 0.00	24.19 -0.62 0.00	23.85 -0.54 0.00	24.24 -0.60 0.00	25.74 -0.58 0.00	24.41 -1.10 0.00	28.15 -0.81 0.00	29.46 -1.62 0.00	28.76 -1.04 0.00	27.47 -0.97 0.00	28.07 -1.08 0.00	28.71 -0.98 0.00	26.52 -0.96 0.00	25.63 -0.82 0.00	32.21 -1.38 0.00	36.82 -1.49 0.00	41.93 -1.57 0.00	41.60 -1.42 0.00	38.56 -0.83 0.00	35.47 -0.87 0.00	32.96 -0.64 0.00	30.51 -0.56 0.00

NEVERSINK___HYD 23608	39.68 2.39 0.00	30.47 2.05 0.00	27.40 1.82 0.00	26.52 1.71 0.00	26.07 1.68 0.00	26.53 1.69 0.00	28.22 1.90 0.00	27.42 1.91 0.00	31.07 2.11 0.00	33.12 2.05 0.00	31.80 2.00 0.00	30.34 1.91 0.00	31.18 2.04 0.00	31.77 2.08 0.00	31.87 2.01 -2.38	32.59 2.04 -4.11	37.14 2.49 -1.07	41.19 2.87 0.00	46.71 3.22 0.00	46.20 3.18 0.00	42.43 3.03 0.00	38.82 2.47 0.00	35.91 2.32 0.00	33.15 2.08 0.00
NEWKRMKL_115KV_TB1 55635	37.78 0.48 0.00	29.02 0.60 0.00	26.12 0.54 0.00	25.31 0.50 0.00	24.90 0.51 0.00	25.29 0.45 0.00	26.87 0.55 0.00	26.09 0.59 0.00	29.60 0.64 0.00	31.63 0.56 0.00	30.31 0.51 0.00	28.92 0.48 0.00	29.70 0.55 0.00	30.25 0.56 0.00	28.12 0.63 0.00	27.16 0.71 0.00	34.36 0.77 0.00	39.00 0.69 0.00	44.19 0.70 0.00	43.67 0.65 0.00	40.10 0.71 0.00	36.78 0.44 0.00	34.06 0.47 0.00	31.44 0.37 0.00
NEWTON___FALLS_HYD 23847	37.44 0.15 0.00	28.25 -0.17 0.00	25.50 -0.08 0.00	24.76 -0.05 0.00	24.36 -0.02 0.00	24.84 0.00 0.00	26.19 -0.13 0.00	25.35 -0.15 0.00	28.81 -0.14 0.00	30.92 -0.16 0.00	29.80 0.00 0.00	28.38 -0.06 0.00	28.91 -0.23 0.00	29.39 -0.30 0.00	27.04 -0.44 0.00	26.00 -0.45 0.00	33.25 -0.34 0.00	38.08 -0.23 0.00	43.63 0.13 0.00	43.41 0.39 0.00	39.75 0.35 0.00	36.82 0.47 0.00	34.00 0.40 0.00	31.31 0.25 0.00
NGRID_A1_DSASP 323792	34.83 -2.46 0.00	26.92 -1.51 0.00	23.92 -1.66 0.00	23.15 -1.66 0.00	22.85 -1.54 0.00	23.22 -1.61 0.00	24.66 -1.66 0.00	23.24 -2.27 0.00	26.85 -2.11 0.00	27.97 -3.11 0.00	27.44 -2.35 0.00	26.24 -2.19 0.00	26.81 -2.33 0.00	27.46 -2.23 0.00	25.34 -2.14 0.00	24.43 -2.01 0.00	30.60 -2.99 0.00	34.90 -3.41 0.00	39.67 -3.83 0.00	39.36 -3.66 0.00	36.60 -2.80 0.00	33.65 -2.69 0.00	31.41 -2.18 0.00	29.33 -1.74 0.00
NGRID_A2_DSASP 323793	34.83 -2.46 0.00	26.92 -1.51 0.00	23.92 -1.66 0.00	23.15 -1.66 0.00	22.85 -1.54 0.00	23.22 -1.61 0.00	24.66 -1.66 0.00	23.24 -2.27 0.00	26.85 -2.11 0.00	27.97 -3.11 0.00	27.44 -2.35 0.00	26.24 -2.19 0.00	26.81 -2.33 0.00	27.46 -2.23 0.00	25.34 -2.14 0.00	24.43 -2.01 0.00	30.60 -2.99 0.00	34.90 -3.41 0.00	39.67 -3.83 0.00	39.36 -3.66 0.00	36.60 -2.80 0.00	33.65 -2.69 0.00	31.41 -2.18 0.00	29.33 -1.74 0.00
NGRID_A4_DSASP 323807	34.83 -2.46 0.00	26.92 -1.51 0.00	23.92 -1.66 0.00	23.15 -1.66 0.00	22.85 -1.54 0.00	23.22 -1.61 0.00	24.66 -1.66 0.00	23.24 -2.27 0.00	26.85 -2.11 0.00	27.97 -3.11 0.00	27.44 -2.35 0.00	26.24 -2.19 0.00	26.81 -2.33 0.00	27.46 -2.23 0.00	25.34 -2.14 0.00	24.43 -2.01 0.00	30.60 -2.99 0.00	34.90 -3.41 0.00	39.67 -3.83 0.00	39.36 -3.66 0.00	36.60 -2.80 0.00	33.65 -2.69 0.00	31.41 -2.18 0.00	29.33 -1.74 0.00
NIAGARA_115E_LBMP 323715	35.05 -2.24 0.00	27.26 -1.17 0.00	24.28 -1.30 0.00	23.49 -1.32 0.00	23.19 -1.19 0.00	23.57 -1.27 0.00	24.93 -1.40 0.00	23.29 -2.22 0.00	26.90 -2.06 0.00	28.03 -3.04 0.00	27.50 -2.29 0.00	26.27 -2.16 0.00	26.84 -2.30 0.00	27.49 -2.20 0.00	25.39 -2.09 0.00	24.49 -1.96 0.00	30.70 -2.89 0.00	35.02 -3.30 0.00	39.84 -3.65 0.00	39.54 -3.48 0.00	36.71 -2.68 0.00	33.80 -2.54 0.00	31.54 -2.05 0.00	29.58 -1.49 0.00
NIAGARA_115W_LBMP 323714	34.75 -2.54 0.00	26.86 -1.56 0.00	23.84 -1.74 0.00	23.07 -1.74 0.00	22.78 -1.61 0.00	23.15 -1.69 0.00	24.58 -1.74 0.00	23.19 -2.32 0.00	26.79 -2.17 0.00	27.87 -3.20 0.00	27.39 -2.41 0.00	26.16 -2.28 0.00	26.72 -2.42 0.00	27.37 -2.32 0.00	25.26 -2.23 0.00	24.36 -2.09 0.00	30.53 -3.06 0.00	34.83 -3.49 0.00	39.58 -3.91 0.00	39.28 -3.74 0.00	36.48 -2.91 0.00	33.55 -2.80 0.00	31.31 -2.29 0.00	29.23 -1.83 0.00
NIAGARA_230_LBMP 323716	35.28 -2.01 0.00	27.29 -1.14 0.00	24.22 -1.36 0.00	23.45 -1.36 0.00	23.14 -1.24 0.00	23.52 -1.32 0.00	24.98 -1.34 0.00	23.57 -1.94 0.00	27.19 -1.77 0.00	28.34 -2.73 0.00	27.80 -2.00 0.00	26.56 -1.88 0.00	27.13 -2.01 0.00	27.79 -1.90 0.00	25.64 -1.84 0.00	24.73 -1.72 0.00	31.00 -2.59 0.00	35.36 -2.95 0.00	40.23 -3.26 0.00	39.88 -3.14 0.00	37.07 -2.32 0.00	34.09 -2.25 0.00	31.78 -1.81 0.00	29.70 -1.37 0.00
NIAGARA___115KV_198_GIBSON 55903	34.75 -2.54 0.00	26.86 -1.56 0.00	23.84 -1.74 0.00	23.07 -1.74 0.00	22.78 -1.61 0.00	23.15 -1.69 0.00	24.58 -1.74 0.00	23.16 -2.35 0.00	26.79 -2.17 0.00	27.90 -3.17 0.00	27.39 -2.41 0.00	26.16 -2.27 0.00	26.72 -2.42 0.00	27.37 -2.32 0.00	25.26 -2.23 0.00	24.36 -2.09 0.00	30.53 -3.06 0.00	34.83 -3.49 0.00	39.58 -3.91 0.00	39.28 -3.74 0.00	36.48 -2.91 0.00	33.54 -2.80 0.00	31.31 -2.28 0.00	29.23 -1.83 0.00
NIAGARA____ 23760	35.28 -2.01 0.00	27.29 -1.14 0.00	24.22 -1.36 0.00	23.45 -1.36 0.00	23.14 -1.24 0.00	23.52 -1.32 0.00	24.98 -1.34 0.00	23.57 -1.94 0.00	27.19 -1.77 0.00	28.34 -2.73 0.00	27.80 -2.00 0.00	26.56 -1.88 0.00	27.13 -2.01 0.00	27.79 -1.90 0.00	25.64 -1.84 0.00	24.73 -1.72 0.00	31.00 -2.59 0.00	35.36 -2.95 0.00	40.23 -3.26 0.00	39.88 -3.14 0.00	37.07 -2.32 0.00	34.09 -2.25 0.00	31.78 -1.81 0.00	29.70 -1.37 0.00
NINE_MILE_1 23575	36.06 -1.23 0.00	27.66 -0.77 0.00	24.89 -0.69 0.00	24.12 -0.69 0.00	23.73 -0.66 0.00	24.14 -0.70 0.00	25.58 -0.74 0.00	24.72 -0.79 0.00	28.06 -0.90 0.00	29.96 -1.12 0.00	28.70 -1.10 0.00	27.38 -1.05 0.00	28.07 -1.08 0.00	28.59 -1.10 0.00	26.50 -0.99 0.00	25.52 -0.93 0.00	32.34 -1.24 0.00	36.90 -1.42 0.00	41.97 -1.52 0.00	41.56 -1.46 0.00	38.17 -1.22 0.00	35.14 -1.20 0.00	32.49 -1.11 0.00	30.07 -1.00 0.00
NINE_MILE_2 23744	36.06 -1.23 0.00	27.66 -0.77 0.00	24.89 -0.69 0.00	24.12 -0.69 0.00	23.73 -0.66 0.00	24.14 -0.70 0.00	25.61 -0.71 0.00	24.72 -0.79 0.00	28.09 -0.87 0.00	29.96 -1.12 0.00	28.70 -1.10 0.00	27.38 -1.05 0.00	28.07 -1.08 0.00	28.59 -1.10 0.00	26.50 -0.99 0.00	25.52 -0.93 0.00	32.34 -1.24 0.00	36.90 -1.42 0.00	41.97 -1.52 0.00	41.56 -1.46 0.00	38.17 -1.22 0.00	35.14 -1.20 0.00	32.49 -1.11 0.00	30.07 -1.00 0.00
NM_CAPITAL___DRP 24208	37.81 0.52 0.00	29.08 0.65 0.00	26.17 0.59 0.00	25.36 0.55 0.00	24.95 0.56 0.00	25.33 0.50 0.00	26.90 0.58 0.00	26.14 0.64 0.00	29.63 0.67 0.00	31.69 0.62 0.00	30.34 0.54 0.00	28.94 0.51 0.00	29.73 0.58 0.00	30.31 0.62 0.00	28.28 0.66 -0.14	27.39 0.71 -0.23	34.42 0.77 -0.06	39.08 0.77 0.00	44.24 0.74 0.00	43.71 0.69 0.00	40.14 0.75 0.00	36.82 0.47 0.00	34.10 0.50 0.00	31.47 0.40 0.00
NM_CENTRAL___DRP 24181	36.88 -0.41 0.00	28.31 -0.11 0.00	25.45 -0.13 0.00	24.64 -0.17 0.00	24.27 -0.12 0.00	24.66 -0.17 0.00	26.16 -0.16 0.00	25.23 -0.28 0.00	28.70 -0.26 0.00	30.58 -0.50 0.00	29.35 -0.45 0.00	28.01 -0.43 0.00	28.68 -0.47 0.00	29.24 -0.45 0.00	27.07 -0.41 0.00	26.13 -0.32 0.00	33.08 -0.50 0.00	37.78 -0.54 0.00	43.02 -0.48 0.00	42.55 -0.47 0.00	39.16 -0.24 0.00	36.05 -0.29 0.00	33.29 -0.30 0.00	30.76 -0.31 0.00

NM_FRONTIER___DRP 24179	34.75 -2.54 0.00	26.86 -1.56 0.00	23.84 -1.74 0.00	23.07 -1.74 0.00	22.78 -1.61 0.00	23.15 -1.69 0.00	24.58 -1.74 0.00	23.16 -2.35 0.00	26.79 -2.17 0.00	27.90 -3.17 0.00	27.39 -2.41 0.00	26.16 -2.27 0.00	26.72 -2.42 0.00	27.37 -2.32 0.00	25.26 -2.23 0.00	24.36 -2.09 0.00	30.53 -3.06 0.00	34.83 -3.49 0.00	39.58 -3.91 0.00	39.28 -3.74 0.00	36.48 -2.91 0.00	33.54 -2.80 0.00	31.31 -2.28 0.00	29.23 -1.83 0.00
NM_ST_REGIS___HYD 24053	37.63 0.34 0.00	28.25 -0.17 0.00	25.53 -0.05 0.00	24.78 -0.02 0.00	24.36 -0.02 0.00	24.84 0.00 0.00	26.22 -0.11 0.00	25.48 -0.03 0.00	28.99 0.03 0.00	31.35 0.28 0.00	30.22 0.42 0.00	28.80 0.37 0.00	29.41 0.26 0.00	29.93 0.24 0.00	27.48 0.00 0.00	26.34 -0.11 0.00	33.75 0.17 0.00	38.62 0.31 0.00	44.06 0.57 0.00	43.67 0.65 0.00	39.79 0.39 0.00	36.96 0.62 0.00	34.10 0.50 0.00	31.50 0.43 0.00
NORTHPORT___1 23551	40.21 2.91 -0.01	33.33 2.59 -2.31	28.05 2.33 -0.14	27.12 2.21 -0.10	26.68 2.17 -0.13	27.03 2.19 -0.01	28.98 2.47 -0.19	28.30 2.58 -0.22	32.01 2.87 -0.18	37.85 2.92 -3.86	34.25 2.80 -1.65	36.22 2.39 -5.40	36.19 2.59 -4.45	36.19 2.64 -3.86	36.99 2.42 -7.09	37.32 2.43 -8.44	37.95 2.85 -1.51	41.27 3.14 0.19	46.82 3.39 0.07	45.90 2.88 0.00	42.21 2.84 0.02	38.43 2.22 0.13	36.19 2.59 -0.01	34.45 2.58 -0.80
NORTHPORT___2 23552	40.21 2.91 -0.01	33.33 2.59 -2.31	28.05 2.33 -0.14	27.12 2.21 -0.10	26.68 2.17 -0.13	27.03 2.19 -0.01	28.98 2.47 -0.19	28.30 2.58 -0.22	32.01 2.87 -0.18	37.85 2.92 -3.86	34.25 2.80 -1.65	36.22 2.39 -5.40	36.19 2.59 -4.45	36.19 2.64 -3.86	36.99 2.42 -7.09	37.32 2.43 -8.44	37.95 2.85 -1.51	41.46 3.14 -0.01	46.89 3.39 0.00	45.90 2.88 0.00	42.23 2.84 0.00	38.56 2.22 0.00	36.19 2.59 -0.01	34.45 2.58 -0.80
NORTHPORT___3 23553	40.75 3.50 0.04	33.85 2.98 -2.44	28.62 2.69 -0.35	27.61 2.56 -0.24	27.24 2.54 -0.32	27.40 2.56 0.00	29.68 2.87 -0.49	28.98 2.93 -0.54	32.70 3.27 -0.47	38.29 3.33 -3.89	34.44 3.01 -1.64	36.64 2.90 -5.31	36.64 3.12 -4.38	36.64 3.18 -3.77	36.64 2.97 -6.19	36.96 2.96 -7.56	37.48 3.49 -0.41	41.37 3.79 0.74	47.36 4.13 0.27	46.07 3.05 0.00	42.76 3.47 0.10	38.67 2.84 0.51	36.32 2.72 -0.01	34.64 2.76 -0.81
NORTHPORT___4 23650	40.75 3.50 0.04	33.85 2.98 -2.44	28.62 2.69 -0.35	27.61 2.56 -0.24	27.24 2.54 -0.32	27.40 2.56 0.00	29.68 2.87 -0.49	28.98 2.93 -0.54	32.70 3.27 -0.47	38.29 3.33 -3.89	34.44 3.01 -1.64	36.64 2.90 -5.31	36.64 3.12 -4.38	36.64 3.18 -3.77	36.64 2.97 -6.19	36.96 2.96 -7.56	37.48 3.49 -0.41	41.37 3.79 0.74	47.36 4.13 0.27	46.07 3.05 0.00	42.76 3.47 0.10	38.67 2.84 0.51	36.32 2.72 -0.01	34.64 2.76 -0.81
NORTHPORT___IC 23718	40.21 2.91 -0.01	33.33 2.59 -2.31	28.05 2.33 -0.14	27.12 2.21 -0.10	26.68 2.17 -0.13	27.03 2.19 -0.01	28.99 2.47 -0.19	28.33 2.60 -0.22	32.01 2.87 -0.18	37.85 2.92 -3.86	34.22 2.77 -1.65	36.22 2.39 -5.40	36.19 2.59 -4.45	36.19 2.64 -3.86	36.99 2.42 -7.09	37.32 2.43 -8.44	37.95 2.85 -1.51	41.50 3.18 -0.01	46.89 3.39 0.00	45.90 2.88 0.00	42.23 2.84 0.00	38.56 2.22 0.00	36.19 2.59 -0.01	34.45 2.58 -0.80
NORTH___COUNTRY_ESR 323785	37.66 0.37 0.00	28.37 -0.06 0.00	25.53 -0.05 0.00	24.81 0.00 0.00	24.31 -0.07 0.00	24.81 -0.02 0.00	26.22 -0.10 0.00	25.48 -0.03 0.00	28.99 0.03 0.00	31.38 0.31 0.00	30.16 0.36 0.00	28.75 0.31 0.00	29.38 0.23 0.00	29.87 0.18 0.00	27.51 0.03 0.00	26.31 -0.13 0.00	33.62 0.03 0.00	38.43 0.12 0.00	43.80 0.31 0.00	43.41 0.39 0.00	39.55 0.16 0.00	36.67 0.33 0.00	33.83 0.24 0.00	31.31 0.25 0.00
NPX_GEN_1385_PROXY 323591	34.70 2.76 5.35	31.60 2.47 -0.70	27.97 2.25 -0.14	27.07 2.16 -0.10	26.63 2.12 -0.13	27.03 2.19 -0.01	28.93 2.42 -0.19	28.30 2.58 -0.22	31.95 2.81 -0.18	37.76 2.83 -3.86	34.19 2.74 -1.65	34.70 2.30 -3.96	35.70 2.48 -4.08	35.90 2.52 -3.69	34.60 2.33 -4.78	35.30 2.33 -6.53	36.80 2.75 -0.46	41.39 3.07 -0.01	46.80 3.30 0.00	45.81 2.79 0.00	42.23 2.84 0.00	38.49 2.14 0.00	35.10 2.45 0.95	32.20 2.45 1.32
NPX_GEN_CSC 323557	41.49 3.62 -0.58	38.32 3.18 -6.72	37.22 2.84 -8.80	33.53 2.70 -6.02	34.87 2.66 -7.82	27.63 2.71 -0.08	41.44 3.05 -12.07	41.64 3.11 -13.02	44.07 3.47 -11.64	38.69 3.63 -3.99	34.85 3.10 -1.95	38.59 3.07 -7.08	44.28 3.26 -11.87	47.03 3.32 -14.02	48.42 3.08 -17.86	48.42 3.09 -18.88	51.41 3.69 -14.13	50.91 4.06 -8.54	50.90 4.35 -3.05	46.16 3.14 0.00	44.18 3.66 -1.12	45.22 3.05 -5.82	36.49 2.89 -0.01	34.68 2.80 -0.81
NSINS_S_GLNS_FALLS 23858	40.20 2.91 0.00	30.61 2.19 0.00	27.40 1.82 0.00	26.55 1.74 0.00	26.12 1.73 0.00	26.55 1.71 0.00	28.22 1.90 0.00	27.45 1.94 0.00	31.16 2.20 0.00	33.31 2.24 0.00	31.71 1.91 0.00	30.20 1.76 0.00	30.89 1.75 0.00	31.47 1.78 0.00	29.42 1.76 -0.18	28.57 1.82 -0.30	36.18 2.52 -0.08	41.26 2.95 0.00	47.02 3.52 0.00	46.68 3.66 0.00	42.82 3.43 0.00	39.25 2.91 0.00	36.15 2.55 0.00	33.15 2.08 0.00
NUCOR_STEEL___DRP 24197	37.03 -0.26 0.00	28.42 0.00 0.00	25.53 -0.05 0.00	24.71 -0.10 0.00	24.34 -0.05 0.00	24.76 -0.07 0.00	26.24 -0.08 0.00	25.28 -0.23 0.00	28.79 -0.17 0.00	30.61 -0.47 0.00	29.41 -0.39 0.00	28.06 -0.37 0.00	28.71 -0.44 0.00	29.24 -0.45 0.00	27.10 -0.38 0.00	26.15 -0.29 0.00	33.12 -0.47 0.00	37.82 -0.50 0.00	43.10 -0.39 0.00	42.72 -0.30 0.00	39.31 -0.08 0.00	36.20 -0.15 0.00	33.46 -0.13 0.00	30.88 -0.19 0.00
NUMBER_THREE_WT_PWR 323818	37.85 0.56 0.00	28.74 0.31 0.00	25.91 0.33 0.00	25.13 0.32 0.00	24.78 0.39 0.00	25.23 0.40 0.00	26.58 0.26 0.00	25.69 0.18 0.00	29.16 0.20 0.00	31.10 0.03 0.00	29.92 0.12 0.00	28.49 0.06 0.00	28.88 -0.26 0.00	29.33 -0.35 0.00	27.07 -0.41 0.00	26.05 -0.40 0.00	33.18 -0.40 0.00	38.05 -0.27 0.00	43.71 0.22 0.00	43.58 0.56 0.00	40.30 0.91 0.00	37.18 0.84 0.00	34.37 0.77 0.00	31.56 0.50 0.00
NYISO_LBMP_REFERENCE 24008	37.29 0.00 0.00	28.42 0.00 0.00	25.58 0.00 0.00	24.81 0.00 0.00	24.39 0.00 0.00	24.84 0.00 0.00	26.32 0.00 0.00	25.51 0.00 0.00	28.96 0.00 0.00	31.07 0.00 0.00	29.80 0.00 0.00	28.43 0.00 0.00	29.14 0.00 0.00	29.69 0.00 0.00	27.48 0.00 0.00	26.45 0.00 0.00	33.59 0.00 0.00	38.31 0.00 0.00	43.50 0.00 0.00	43.02 0.00 0.00	39.39 0.00 0.00	36.34 0.00 0.00	33.59 0.00 0.00	31.07 0.00 0.00
NYPA_BRENTWD____GT 24164	40.96 3.54 -0.13	34.81 3.04 -3.34	30.33 2.71 -2.04	28.81 2.60 -1.40	28.76 2.56 -1.82	27.45 2.58 -0.02	32.02 2.90 -2.80	31.52 2.98 -3.03	34.96 3.30 -2.70	38.46 3.39 -4.00	35.35 3.22 -2.33	37.27 2.93 -5.90	38.44 3.12 -6.18	39.03 3.18 -6.16	39.91 2.97 -9.45	40.11 2.96 -10.71	41.30 3.56 -4.16	44.09 3.98 -1.80	48.49 4.35 -0.64	46.72 3.70 0.00	43.33 3.70 -0.24	40.58 3.01 -1.22	36.76 3.16 -0.01	34.94 3.05 -0.83

NYPA_GOWANUS____GT5 24156	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
NYPA_GOWANUS____GT6 24157	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.60 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.85 -0.01	33.81 2.73 -0.01
NYPA_HARLEM__RVR__GT1 24160	40.28 2.98 -0.01	31.05 2.61 -0.01	27.92 2.33 -0.01	27.02 2.21 -0.01	26.56 2.17 -0.01	26.98 2.14 -0.01	28.71 2.39 0.00	27.95 2.45 0.00	31.50 2.55 0.01	33.64 2.58 0.01	32.20 2.41 0.01	30.90 2.47 0.01	31.81 2.68 0.01	32.41 2.73 0.01	33.42 2.61 -3.33	34.84 2.64 -5.75	38.24 3.16 -1.50	41.88 3.56 0.00	47.18 3.70 0.01	46.32 3.31 0.01	42.50 3.11 0.01	39.07 2.73 0.00	36.22 2.62 0.00	33.68 2.61 -0.01
NYPA_HARLEM__RVR__GT2 24161	40.28 2.98 -0.01	31.05 2.61 -0.01	27.92 2.33 -0.01	27.02 2.21 -0.01	26.56 2.17 -0.01	26.98 2.14 -0.01	28.71 2.39 0.00	27.95 2.45 0.00	31.50 2.55 0.01	33.64 2.58 0.01	32.20 2.41 0.01	30.90 2.47 0.01	31.81 2.68 0.01	32.41 2.73 0.01	33.42 2.61 -3.33	34.84 2.64 -5.75	38.24 3.16 -1.50	41.88 3.56 0.00	47.18 3.70 0.01	46.32 3.31 0.01	42.50 3.11 0.01	39.07 2.73 0.00	36.22 2.62 0.00	33.68 2.61 -0.01
NYPA_KENT____GT 24152	40.43 3.13 0.00	31.13 2.70 -0.01	27.97 2.38 -0.01	27.08 2.26 -0.01	26.61 2.22 -0.01	27.03 2.19 -0.01	28.85 2.53 0.00	28.16 2.65 0.00	31.83 2.87 0.00	34.00 2.92 0.00	32.54 2.74 0.00	31.19 2.76 0.00	32.15 3.00 0.00	32.75 3.06 0.00	33.74 2.91 -3.34	35.14 2.94 -5.76	38.62 3.53 -1.51	42.26 3.95 0.00	47.59 4.09 0.00	46.77 3.74 0.00	42.94 3.55 0.00	39.33 2.98 0.00	36.39 2.79 0.00	33.75 2.67 -0.01
NYPA_POUCH1____GT 24155	40.54 3.24 -0.01	31.19 2.76 -0.01	27.99 2.40 -0.01	27.13 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.22 2.70 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.82 -0.01	32.18 3.03 -0.01	32.81 3.12 -0.01	33.77 2.94 -3.34	35.17 2.96 -5.77	38.65 3.56 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.81 3.79 -0.01	42.98 3.58 -0.01	39.44 3.09 -0.01	36.49 2.89 -0.01	33.81 2.73 -0.01
NYPA_VERNON____GT2 24162	40.35 3.06 0.00	31.05 2.61 -0.01	27.92 2.33 -0.01	27.03 2.21 -0.01	26.57 2.17 -0.01	26.98 2.14 -0.01	28.80 2.47 0.00	28.11 2.60 0.00	31.80 2.84 0.00	33.96 2.89 0.00	32.51 2.71 0.00	31.16 2.73 0.00	32.09 2.94 0.00	32.69 3.00 0.00	33.68 2.86 -3.34	35.09 2.88 -5.76	38.55 3.46 -1.50	42.18 3.87 0.00	47.50 4.00 0.00	46.68 3.65 0.00	42.86 3.47 0.00	39.25 2.91 0.00	36.28 2.69 0.00	33.65 2.58 -0.01
NYPA_VERNON____GT3 24163	40.35 3.06 0.00	31.05 2.61 -0.01	27.92 2.33 -0.01	27.03 2.21 -0.01	26.57 2.17 -0.01	26.98 2.14 -0.01	28.80 2.47 0.00	28.11 2.60 0.00	31.80 2.84 0.00	33.96 2.89 0.00	32.51 2.71 0.00	31.16 2.73 0.00	32.09 2.94 0.00	32.69 3.00 0.00	33.68 2.86 -3.34	35.09 2.88 -5.76	38.55 3.46 -1.50	42.18 3.87 0.00	47.50 4.00 0.00	46.68 3.65 0.00	42.86 3.47 0.00	39.25 2.91 0.00	36.28 2.69 0.00	33.65 2.58 -0.01
NYPA____ASTORIA_CC1 323568	40.27 2.98 0.00	31.02 2.59 -0.01	27.89 2.30 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.95 2.11 -0.01	28.74 2.42 0.00	28.03 2.53 0.00	31.65 2.69 0.00	33.81 2.74 0.00	32.36 2.56 0.00	31.05 2.61 0.00	31.97 2.83 0.00	32.57 2.88 0.00	33.57 2.75 -3.33	34.98 2.78 -5.76	38.38 3.29 -1.50	42.03 3.72 0.00	47.27 3.78 0.01	46.45 3.44 0.01	42.65 3.27 0.01	39.14 2.80 0.00	36.22 2.62 0.00	33.62 2.55 -0.01
NYPA____ASTORIA_CC2 323569	40.27 2.98 0.00	31.02 2.59 -0.01	27.89 2.30 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.95 2.11 -0.01	28.74 2.42 0.00	28.03 2.53 0.00	31.65 2.69 0.00	33.81 2.74 0.00	32.36 2.56 0.00	31.05 2.61 0.00	31.97 2.83 0.00	32.57 2.88 0.00	33.57 2.75 -3.33	34.98 2.78 -5.76	38.38 3.29 -1.50	42.03 3.72 0.00	47.27 3.78 0.01	46.45 3.44 0.01	42.65 3.27 0.01	39.14 2.80 0.00	36.22 2.62 0.00	33.62 2.55 -0.01
NYPA____HOLTSVILL 23794	41.33 3.47 -0.57	38.04 2.98 -6.63	36.88 2.66 -8.64	33.27 2.56 -5.91	34.58 2.51 -7.68	27.45 2.53 -0.08	41.01 2.84 -11.85	41.23 2.93 -12.79	43.66 3.27 -11.43	38.38 3.33 -3.98	34.77 3.04 -1.93	38.33 2.84 -7.05	43.91 3.03 -11.74	46.61 3.09 -13.83	48.01 2.86 -17.67	48.00 2.86 -18.70	50.92 3.43 -13.91	50.53 3.83 -8.39	50.63 4.13 -3.00	46.38 3.36 0.00	44.00 3.50 -1.10	44.90 2.84 -5.72	36.56 2.96 -0.01	34.74 2.86 -0.81
NYPA____HELLGATE_GT1 24158	40.28 2.98 -0.01	31.05 2.61 -0.01	27.92 2.33 -0.01	27.02 2.21 -0.01	26.56 2.17 -0.01	26.98 2.14 -0.01	28.71 2.39 0.00	27.95 2.45 0.00	31.50 2.55 0.01	33.64 2.58 0.01	32.20 2.41 0.01	30.90 2.47 0.01	31.81 2.68 0.01	32.41 2.73 0.01	33.42 2.61 -3.33	34.84 2.64 -5.75	38.24 3.16 -1.50	41.88 3.56 0.00	47.18 3.70 0.01	46.32 3.31 0.01	42.50 3.11 0.01	39.07 2.73 0.00	36.22 2.62 0.00	33.68 2.61 -0.01
NYPA____HELLGATE_GT2 24159	40.28 2.98 -0.01	31.05 2.61 -0.01	27.92 2.33 -0.01	27.02 2.21 -0.01	26.56 2.17 -0.01	26.98 2.14 -0.01	28.71 2.39 0.00	27.95 2.45 0.00	31.50 2.55 0.01	33.64 2.58 0.01	32.20 2.41 0.01	30.90 2.47 0.01	31.81 2.68 0.01	32.41 2.73 0.01	33.42 2.61 -3.33	34.84 2.64 -5.75	38.24 3.16 -1.50	41.88 3.56 0.00	47.18 3.70 0.01	46.32 3.31 0.01	42.50 3.11 0.01	39.07 2.73 0.00	36.22 2.62 0.00	33.68 2.61 -0.01
NYS_BARGE____HYD 23848	35.54 -1.75 0.00	27.57 -0.85 0.00	24.53 -1.05 0.00	23.74 -1.07 0.00	23.44 -0.95 0.00	23.80 -1.04 0.00	25.19 -1.13 0.00	23.62 -1.89 0.00	27.31 -1.65 0.00	28.43 -2.64 0.00	27.92 -1.88 0.00	26.67 -1.76 0.00	27.25 -1.89 0.00	27.91 -1.78 0.00	25.78 -1.70 0.00	24.88 -1.56 0.00	31.20 -2.38 0.00	35.63 -2.68 0.00	40.54 -2.96 0.00	40.27 -2.75 0.00	37.38 -2.01 0.00	34.38 -1.96 0.00	32.08 -1.51 0.00	29.98 -1.09 0.00
OAK ORCHARD____HYD 24046	36.29 -1.01 0.00	27.94 -0.48 0.00	24.92 -0.67 0.00	24.12 -0.69 0.00	23.78 -0.61 0.00	24.12 -0.72 0.00	25.58 -0.74 0.00	24.41 -1.10 0.00	27.97 -0.98 0.00	29.52 -1.55 0.00	28.70 -1.10 0.00	27.41 -1.02 0.00	28.01 -1.14 0.00	28.62 -1.07 0.00	26.50 -0.99 0.00	25.60 -0.85 0.00	32.24 -1.34 0.00	36.82 -1.49 0.00	42.02 -1.48 0.00	41.64 -1.38 0.00	38.49 -0.90 0.00	35.36 -0.98 0.00	32.82 -0.77 0.00	30.38 -0.68 0.00

OAKDALE___35_KV_LOAD 356122	37.29 0.00 0.00	28.62 0.20 0.00	25.68 0.10 0.00	24.88 0.07 0.00	24.48 0.10 0.00	24.91 0.07 0.00	26.43 0.11 0.00	25.46 -0.05 0.00	28.99 0.03 0.00	30.79 -0.28 0.00	29.65 -0.15 0.00	28.29 -0.14 0.00	28.97 -0.17 0.00	29.54 -0.15 0.00	27.45 -0.14 -0.10	26.56 -0.05 -0.17	33.43 -0.20 -0.04	38.12 -0.19 0.00	43.41 -0.09 0.00	42.98 -0.04 0.00	39.59 0.20 0.00	36.42 0.07 0.00	33.70 0.10 0.00	31.13 0.06 0.00
OCC_CHEM___DRP 24175	34.83 -2.46 0.00	26.92 -1.51 0.00	23.92 -1.66 0.00	23.15 -1.66 0.00	22.85 -1.54 0.00	23.20 -1.64 0.00	24.66 -1.66 0.00	23.24 -2.27 0.00	26.85 -2.11 0.00	28.00 -3.08 0.00	27.47 -2.32 0.00	26.24 -2.19 0.00	26.81 -2.33 0.00	27.46 -2.23 0.00	25.34 -2.14 0.00	24.44 -2.01 0.00	30.60 -2.99 0.00	34.90 -3.41 0.00	39.67 -3.83 0.00	39.36 -3.66 0.00	36.59 -2.80 0.00	33.65 -2.69 0.00	31.41 -2.18 0.00	29.33 -1.74 0.00
OH_GEN_PROXY 24063	35.31 -1.98 0.00	27.29 -1.14 0.00	24.25 -1.33 0.00	23.47 -1.34 0.00	23.17 -1.22 0.00	23.52 -1.32 0.00	25.01 -1.32 0.00	23.62 -1.89 0.00	27.22 -1.74 0.00	28.40 -2.67 0.00	27.86 -1.94 0.00	26.61 -1.82 0.00	27.19 -1.95 0.00	27.82 -1.87 0.00	25.70 -1.79 0.00	24.78 -1.67 0.00	31.07 -2.52 0.00	35.48 -2.83 0.00	40.32 -3.17 0.00	40.01 -3.01 0.00	37.15 -2.24 0.00	34.16 -2.18 0.00	31.85 -1.75 0.00	29.70 -1.37 0.00
OLIN_CORP_DRP 24177	35.09 -2.20 0.00	27.29 -1.14 0.00	24.30 -1.28 0.00	23.52 -1.29 0.00	23.22 -1.17 0.00	23.57 -1.27 0.00	24.95 -1.37 0.00	23.34 -2.17 0.00	26.96 -2.00 0.00	28.12 -2.95 0.00	27.59 -2.21 0.00	26.36 -2.08 0.00	26.93 -2.21 0.00	27.58 -2.11 0.00	25.45 -2.03 0.00	24.57 -1.88 0.00	30.76 -2.82 0.00	35.13 -3.18 0.00	39.93 -3.57 0.00	39.62 -3.40 0.00	36.83 -2.56 0.00	33.87 -2.47 0.00	31.61 -1.98 0.00	29.64 -1.43 0.00
OLIN_CORP_DSASP 323712	34.83 -2.46 0.00	26.92 -1.51 0.00	23.92 -1.66 0.00	23.15 -1.66 0.00	22.85 -1.54 0.00	23.22 -1.61 0.00	24.66 -1.66 0.00	23.24 -2.27 0.00	26.85 -2.11 0.00	27.97 -3.11 0.00	27.44 -2.35 0.00	26.24 -2.19 0.00	26.81 -2.33 0.00	27.46 -2.23 0.00	25.34 -2.14 0.00	24.43 -2.01 0.00	30.60 -2.99 0.00	34.90 -3.41 0.00	39.67 -3.83 0.00	39.36 -3.66 0.00	36.60 -2.80 0.00	33.65 -2.69 0.00	31.41 -2.18 0.00	29.33 -1.74 0.00
ONEIDA_HERK_LFGE 323681	37.96 0.67 0.00	28.91 0.48 0.00	26.04 0.46 0.00	25.26 0.45 0.00	24.87 0.49 0.00	25.33 0.50 0.00	26.74 0.42 0.00	25.86 0.36 0.00	29.36 0.41 0.00	31.35 0.28 0.00	30.13 0.33 0.00	28.72 0.28 0.00	29.29 0.15 0.00	29.81 0.12 0.00	27.54 0.06 0.00	26.55 0.11 0.00	33.75 0.17 0.00	38.62 0.31 0.00	44.15 0.65 0.00	43.84 0.82 0.00	40.34 0.94 0.00	37.18 0.84 0.00	34.37 0.77 0.00	31.63 0.56 0.00
ONEIDA___115KV_TB4 55905	38.07 0.78 0.00	29.08 0.65 0.00	26.17 0.59 0.00	25.38 0.57 0.00	25.00 0.61 0.00	25.43 0.60 0.00	26.87 0.55 0.00	25.97 0.46 0.00	29.48 0.52 0.00	31.41 0.34 0.00	30.19 0.39 0.00	28.77 0.34 0.00	29.46 0.32 0.00	30.02 0.33 0.00	27.76 0.27 0.00	26.79 0.34 0.00	33.99 0.40 0.00	38.85 0.54 0.00	44.37 0.87 0.00	44.05 1.03 0.00	40.49 1.10 0.00	37.25 0.91 0.00	34.43 0.84 0.00	31.72 0.65 0.00
ONONDAGA_REF_OCCRA 23987	36.99 -0.30 0.00	28.37 -0.06 0.00	25.50 -0.08 0.00	24.71 -0.10 0.00	24.31 -0.07 0.00	24.74 -0.10 0.00	26.22 -0.11 0.00	25.30 -0.20 0.00	28.79 -0.17 0.00	30.64 -0.44 0.00	29.44 -0.36 0.00	28.09 -0.34 0.00	28.76 -0.38 0.00	29.30 -0.39 0.00	27.15 -0.33 0.00	26.21 -0.24 0.00	33.18 -0.40 0.00	37.89 -0.42 0.00	43.15 -0.35 0.00	42.72 -0.30 0.00	39.27 -0.12 0.00	36.16 -0.18 0.00	33.39 -0.20 0.00	30.85 -0.22 0.00
ONONDAGA___COGEN 23986	36.88 -0.41 0.00	28.28 -0.14 0.00	25.45 -0.13 0.00	24.64 -0.17 0.00	24.27 -0.12 0.00	24.69 -0.15 0.00	26.16 -0.16 0.00	25.23 -0.28 0.00	28.70 -0.26 0.00	30.61 -0.47 0.00	29.35 -0.45 0.00	28.01 -0.43 0.00	28.68 -0.47 0.00	29.21 -0.48 0.00	27.07 -0.41 0.00	26.10 -0.34 0.00	33.08 -0.50 0.00	37.74 -0.57 0.00	42.97 -0.52 0.00	42.55 -0.47 0.00	39.12 -0.28 0.00	36.02 -0.33 0.00	33.29 -0.30 0.00	30.76 -0.31 0.00
ONTARIO___LFGE 23819	37.10 -0.19 0.00	28.51 0.09 0.00	25.50 -0.08 0.00	24.69 -0.12 0.00	24.31 -0.07 0.00	24.71 -0.12 0.00	26.22 -0.10 0.00	25.07 -0.43 0.00	28.67 -0.29 0.00	30.26 -0.81 0.00	29.26 -0.54 0.00	27.92 -0.51 0.00	28.53 -0.61 0.00	29.12 -0.57 0.00	26.96 -0.52 0.00	26.05 -0.40 0.00	32.95 -0.64 0.00	37.70 -0.61 0.00	42.93 -0.57 0.00	42.59 -0.43 0.00	39.55 0.16 0.00	36.38 0.04 0.00	33.63 0.03 0.00	31.00 -0.06 0.00
ORANGEVILLE_WT_PWR 323706	36.32 -0.97 0.00	28.00 -0.43 0.00	24.92 -0.67 0.00	24.12 -0.69 0.00	23.78 -0.61 0.00	24.17 -0.67 0.00	25.61 -0.71 0.00	24.21 -1.30 0.00	27.83 -1.13 0.00	29.05 -2.02 0.00	28.34 -1.46 0.00	27.01 -1.42 0.00	27.63 -1.52 0.00	28.26 -1.42 0.00	26.11 -1.37 0.00	25.23 -1.22 0.00	31.74 -1.85 0.00	36.32 -1.99 0.00	41.45 -2.04 0.00	41.30 -1.72 0.00	38.41 -0.98 0.00	35.33 -1.02 0.00	32.86 -0.74 0.00	30.47 -0.59 0.00
ORANGEVILLE___ESR 323794	36.32 -0.97 0.00	28.00 -0.43 0.00	24.92 -0.67 0.00	24.12 -0.69 0.00	23.78 -0.61 0.00	24.17 -0.67 0.00	25.61 -0.71 0.00	24.21 -1.30 0.00	27.83 -1.13 0.00	29.05 -2.02 0.00	28.34 -1.46 0.00	27.01 -1.42 0.00	27.63 -1.52 0.00	28.26 -1.42 0.00	26.11 -1.37 0.00	25.23 -1.22 0.00	31.74 -1.85 0.00	36.32 -1.99 0.00	41.45 -2.04 0.00	41.30 -1.72 0.00	38.41 -0.98 0.00	35.33 -1.02 0.00	32.86 -0.74 0.00	30.47 -0.59 0.00
OSWEGATCHIE___HYD 24044	37.44 0.15 0.00	28.25 -0.17 0.00	25.50 -0.08 0.00	24.76 -0.05 0.00	24.36 -0.02 0.00	24.84 0.00 0.00	26.19 -0.13 0.00	25.36 -0.15 0.00	28.82 -0.14 0.00	30.92 -0.15 0.00	29.80 0.00 0.00	28.38 -0.06 0.00	28.91 -0.23 0.00	29.39 -0.30 0.00	27.04 -0.44 0.00	26.00 -0.45 0.00	33.25 -0.34 0.00	38.08 -0.23 0.00	43.63 0.13 0.00	43.41 0.39 0.00	39.75 0.35 0.00	36.81 0.47 0.00	34.00 0.40 0.00	31.31 0.25 0.00
OSWEGO___5 23606	36.29 -1.01 0.00	27.83 -0.60 0.00	25.04 -0.54 0.00	24.26 -0.55 0.00	23.87 -0.51 0.00	24.29 -0.55 0.00	25.74 -0.58 0.00	24.87 -0.64 0.00	28.24 -0.72 0.00	30.14 -0.93 0.00	28.91 -0.89 0.00	27.58 -0.85 0.00	28.24 -0.90 0.00	28.77 -0.92 0.00	26.66 -0.82 0.00	25.70 -0.74 0.00	32.54 -1.04 0.00	37.16 -1.15 0.00	42.23 -1.26 0.00	41.82 -1.20 0.00	38.41 -0.98 0.00	35.40 -0.95 0.00	32.72 -0.87 0.00	30.26 -0.81 0.00
OSWEGO___6 23613	36.29 -1.01 0.00	27.83 -0.60 0.00	25.04 -0.54 0.00	24.26 -0.55 0.00	23.87 -0.51 0.00	24.29 -0.55 0.00	25.74 -0.58 0.00	24.87 -0.64 0.00	28.24 -0.72 0.00	30.14 -0.93 0.00	28.91 -0.89 0.00	27.58 -0.85 0.00	28.24 -0.90 0.00	28.77 -0.92 0.00	26.66 -0.82 0.00	25.70 -0.74 0.00	32.54 -1.04 0.00	37.16 -1.15 0.00	42.23 -1.26 0.00	41.82 -1.20 0.00	38.41 -0.98 0.00	35.40 -0.95 0.00	32.72 -0.87 0.00	30.26 -0.81 0.00

OUTOKUMPU-AB___DRP 24206	35.76 -1.53 0.00	27.63 -0.80 0.00	24.56 -1.02 0.00	23.77 -1.04 0.00	23.48 -0.90 0.00	23.84 -0.99 0.00	25.27 -1.05 0.00	23.80 -1.71 0.00	27.54 -1.42 0.00	28.71 -2.36 0.00	28.16 -1.64 0.00	26.90 -1.54 0.00	27.48 -1.66 0.00	28.15 -1.54 0.00	26.00 -1.48 0.00	25.12 -1.32 0.00	31.50 -2.08 0.00	35.98 -2.34 0.00	40.89 -2.61 0.00	40.61 -2.41 0.00	37.70 -1.69 0.00	34.67 -1.67 0.00	32.32 -1.28 0.00	30.07 -0.99 0.00
OXBOW___BTM 323836	35.35 -1.94 0.00	27.32 -1.11 0.00	24.28 -1.30 0.00	23.49 -1.32 0.00	23.19 -1.19 0.00	23.57 -1.27 0.00	25.01 -1.32 0.00	23.57 -1.94 0.00	27.25 -1.71 0.00	28.37 -2.70 0.00	27.86 -1.94 0.00	26.61 -1.82 0.00	27.19 -1.95 0.00	27.85 -1.84 0.00	25.72 -1.76 0.00	24.83 -1.61 0.00	31.14 -2.45 0.00	35.52 -2.80 0.00	40.41 -3.09 0.00	40.09 -2.93 0.00	37.23 -2.17 0.00	34.23 -2.11 0.00	31.95 -1.65 0.00	29.76 -1.30 0.00
OXBOW___ 24026	35.35 -1.94 0.00	27.32 -1.11 0.00	24.28 -1.30 0.00	23.49 -1.31 0.00	23.19 -1.19 0.00	23.57 -1.27 0.00	25.01 -1.32 0.00	23.54 -1.96 0.00	27.25 -1.71 0.00	28.40 -2.67 0.00	27.86 -1.94 0.00	26.61 -1.82 0.00	27.19 -1.95 0.00	27.85 -1.84 0.00	25.73 -1.76 0.00	24.83 -1.61 0.00	31.13 -2.45 0.00	35.52 -2.80 0.00	40.36 -3.13 0.00	40.09 -2.93 0.00	37.23 -2.17 0.00	34.24 -2.11 0.00	31.95 -1.65 0.00	29.76 -1.30 0.00
OXY_CHEM_DSASP 323612	34.83 -2.46 0.00	26.92 -1.51 0.00	23.92 -1.66 0.00	23.15 -1.66 0.00	22.85 -1.54 0.00	23.20 -1.64 0.00	24.66 -1.66 0.00	23.24 -2.27 0.00	26.85 -2.11 0.00	28.00 -3.08 0.00	27.47 -2.32 0.00	26.24 -2.19 0.00	26.81 -2.33 0.00	27.46 -2.23 0.00	25.34 -2.14 0.00	24.44 -2.01 0.00	30.60 -2.99 0.00	34.90 -3.41 0.00	39.67 -3.83 0.00	39.36 -3.66 0.00	36.59 -2.80 0.00	33.65 -2.69 0.00	31.41 -2.18 0.00	29.33 -1.74 0.00
OZONE_PARK_ESR 323760	40.53 3.24 0.00	31.15 2.73 0.00	27.99 2.40 0.00	27.09 2.28 0.00	26.63 2.24 0.00	27.05 2.21 0.00	28.90 2.58 0.00	28.21 2.70 0.00	31.94 2.98 0.00	34.12 3.05 0.00	32.66 2.86 0.00	31.33 2.90 0.00	32.26 3.12 0.00	32.90 3.21 0.00	33.84 3.02 -3.33	35.27 3.07 -5.76	38.78 3.69 -1.50	42.49 4.18 0.00	47.89 4.39 0.00	47.02 4.00 0.00	43.17 3.78 0.00	39.47 3.13 0.00	36.45 2.86 0.00	33.80 2.73 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.83 -2.46 0.00	26.92 -1.51 0.00	23.92 -1.66 0.00	23.15 -1.66 0.00	22.85 -1.54 0.00	23.20 -1.64 0.00	24.66 -1.66 0.00	23.24 -2.27 0.00	26.85 -2.11 0.00	28.00 -3.08 0.00	27.47 -2.32 0.00	26.24 -2.19 0.00	26.81 -2.33 0.00	27.46 -2.23 0.00	25.34 -2.14 0.00	24.44 -2.01 0.00	30.60 -2.99 0.00	34.90 -3.41 0.00	39.67 -3.83 0.00	39.36 -3.66 0.00	36.59 -2.80 0.00	33.65 -2.69 0.00	31.41 -2.18 0.00	29.33 -1.74 0.00
PACKARD___115KV_DUPONT_184 80571	34.83 -2.46 0.00	26.92 -1.51 0.00	23.92 -1.66 0.00	23.15 -1.66 0.00	22.85 -1.54 0.00	23.20 -1.64 0.00	24.66 -1.66 0.00	23.24 -2.27 0.00	26.85 -2.11 0.00	28.00 -3.08 0.00	27.47 -2.32 0.00	26.24 -2.19 0.00	26.81 -2.33 0.00	27.46 -2.23 0.00	25.34 -2.14 0.00	24.44 -2.01 0.00	30.60 -2.99 0.00	34.90 -3.41 0.00	39.67 -3.83 0.00	39.36 -3.66 0.00	36.59 -2.80 0.00	33.65 -2.69 0.00	31.41 -2.18 0.00	29.33 -1.74 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.43 3.13 -0.01	31.13 2.70 -0.01	27.99 2.40 -0.01	27.12 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.79 2.47 0.00	28.03 2.53 0.00	31.56 2.61 0.00	33.71 2.64 0.00	32.27 2.47 0.00	30.96 2.53 0.00	31.88 2.74 0.00	32.51 2.82 0.00	33.48 2.67 -3.33	34.90 2.70 -5.76	38.31 3.22 -1.50	42.03 3.72 0.00	47.28 3.78 0.00	46.42 3.40 0.00	42.58 3.19 0.00	39.18 2.83 0.00	36.31 2.72 0.00	33.78 2.70 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	40.62 3.32 -0.01	31.27 2.84 -0.01	28.15 2.56 -0.01	27.25 2.43 -0.01	26.78 2.39 -0.01	27.20 2.36 -0.01	28.95 2.63 0.00	28.16 2.65 0.00	31.71 2.75 0.00	33.87 2.80 0.00	32.39 2.59 0.00	31.08 2.64 0.00	32.03 2.89 0.00	32.66 2.97 0.00	33.62 2.80 -3.33	35.06 2.86 -5.76	38.51 3.43 -1.50	42.26 3.95 0.00	47.58 4.09 0.00	46.72 3.70 0.00	42.86 3.47 0.00	39.39 3.05 0.00	36.55 2.96 0.00	33.99 2.92 -0.01
PATROON___115KV_TB1 80586	37.89 0.60 0.00	29.11 0.68 0.00	26.19 0.61 0.00	25.38 0.57 0.00	24.97 0.59 0.00	25.36 0.52 0.00	26.93 0.61 0.00	26.17 0.66 0.00	29.65 0.70 0.00	31.72 0.65 0.00	30.39 0.60 0.00	29.00 0.57 0.00	29.78 0.64 0.00	30.34 0.65 0.00	28.31 0.71 -0.11	27.43 0.79 -0.19	34.51 0.87 -0.05	39.16 0.84 0.00	44.32 0.83 0.00	43.84 0.82 0.00	40.22 0.83 0.00	36.89 0.55 0.00	34.17 0.57 0.00	31.53 0.47 0.00
PATTRSNVILLE___SOLAR 323815	38.74 1.45 0.00	29.59 1.17 0.00	26.58 1.00 0.00	25.78 0.97 0.00	25.36 0.98 0.00	25.78 0.94 0.00	27.35 1.03 0.00	26.50 0.99 0.00	30.06 1.10 0.00	32.10 1.02 0.00	30.72 0.92 0.00	29.29 0.85 0.00	29.96 0.81 0.00	30.49 0.80 0.00	28.25 0.77 0.00	27.24 0.79 0.00	34.56 0.97 0.00	39.54 1.23 0.00	45.02 1.52 0.00	44.74 1.72 0.00	41.12 1.73 0.00	37.80 1.46 0.00	34.87 1.28 0.00	32.12 1.06 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	36.25 -1.04 0.00	27.97 -0.45 0.00	24.89 -0.69 0.00	24.07 -0.74 0.00	23.75 -0.63 0.00	24.14 -0.70 0.00	25.61 -0.71 0.00	24.26 -1.25 0.00	28.06 -0.90 0.00	29.30 -1.77 0.00	28.67 -1.13 0.00	27.38 -1.05 0.00	27.98 -1.17 0.00	28.65 -1.04 0.00	26.50 -0.99 0.00	25.63 -0.82 0.00	32.17 -1.41 0.00	36.78 -1.53 0.00	41.84 -1.65 0.00	41.56 -1.46 0.00	38.53 -0.87 0.00	35.43 -0.91 0.00	32.96 -0.64 0.00	30.48 -0.59 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.09 2.80 0.00	30.78 2.36 0.00	27.68 2.10 0.00	26.84 2.03 0.00	26.41 2.02 0.00	26.80 1.96 0.00	28.59 2.26 0.00	27.88 2.37 0.00	31.57 2.61 0.00	33.74 2.67 0.00	32.36 2.56 0.00	30.96 2.53 0.00	31.85 2.71 0.00	32.48 2.79 0.00	33.51 2.69 -3.33	34.84 2.64 -5.75	38.24 3.16 -1.50	41.84 3.52 0.00	47.37 3.87 0.00	46.55 3.53 0.00	42.70 3.31 0.00	39.07 2.73 0.00	36.15 2.55 0.00	33.37 2.30 0.00
PEEKSKILL___ 23653	39.83 2.54 0.00	30.61 2.19 0.00	27.52 1.94 0.00	26.67 1.86 0.00	26.22 1.83 0.00	26.63 1.79 0.00	28.40 2.08 0.00	27.73 2.22 0.00	31.39 2.43 0.00	33.56 2.49 0.00	32.12 2.33 0.00	30.76 2.33 0.00	31.65 2.51 0.00	32.24 2.55 0.00	33.22 2.45 -3.29	34.61 2.49 -5.68	37.99 2.92 -1.48	41.61 3.30 0.00	46.98 3.48 0.00	46.20 3.18 0.00	42.38 2.99 0.00	38.78 2.44 0.00	35.85 2.25 0.00	33.18 2.11 0.00
PGE MADISON___WINDPWR 24146	39.68 2.39 0.00	30.27 1.85 0.00	27.22 1.64 0.00	26.42 1.61 0.00	26.07 1.68 0.00	26.53 1.69 0.00	27.93 1.61 0.00	26.83 1.33 0.00	30.49 1.53 0.00	32.10 1.02 0.00	30.93 1.13 0.00	29.45 1.02 0.00	30.08 0.93 0.00	30.61 0.92 0.00	28.33 0.74 -0.10	27.51 0.90 -0.17	34.70 1.07 -0.04	39.81 1.49 0.00	45.93 2.43 0.00	45.95 2.93 0.00	42.31 2.91 0.00	38.89 2.54 0.00	35.95 2.35 0.00	32.96 1.90 0.00

PIERCEFIELD___HYD 23852	37.44 0.15 0.00	28.08 -0.34 0.00	25.40 -0.18 0.00	24.69 -0.12 0.00	24.27 -0.12 0.00	24.74 -0.10 0.00	26.08 -0.24 0.00	25.35 -0.15 0.00	28.84 -0.12 0.00	31.17 0.09 0.00	30.04 0.24 0.00	28.63 0.20 0.00	29.26 0.12 0.00	29.75 0.06 0.00	27.35 -0.14 0.00	26.21 -0.24 0.00	33.62 0.03 0.00	38.43 0.11 0.00	43.84 0.35 0.00	43.45 0.43 0.00	39.59 0.20 0.00	36.82 0.47 0.00	33.96 0.37 0.00	31.38 0.31 0.00
PINELAWN_CC_1 323563	40.73 3.39 -0.05	34.25 2.90 -2.92	29.01 2.61 -0.82	27.85 2.48 -0.56	27.56 2.44 -0.73	27.29 2.44 -0.02	30.21 2.76 -1.12	29.56 2.83 -1.22	33.20 3.16 -1.08	38.60 3.20 -4.32	37.05 3.04 -4.21	37.39 2.82 -6.14	37.66 3.00 -5.51	37.80 3.06 -5.05	38.58 2.86 -8.23	38.77 2.88 -9.44	39.38 3.46 -2.34	42.79 3.91 -0.57	47.96 4.27 -0.20	46.59 3.57 0.00	43.09 3.62 -0.07	39.67 2.94 -0.38	36.56 2.96 -0.01	34.82 2.86 -0.90
PJM_GEN_HTP_PROXY 323702	40.12 2.83 0.00	30.84 2.41 0.00	27.73 2.15 0.00	26.87 2.06 0.00	26.39 2.00 0.00	26.80 1.96 0.00	28.64 2.32 0.00	27.96 2.45 0.00	31.65 2.69 0.00	33.81 2.74 0.00	32.36 2.56 0.00	31.02 2.59 0.00	31.94 2.80 0.00	32.57 2.88 0.00	33.54 2.72 -3.33	34.98 2.78 -5.76	38.41 3.33 -1.50	42.03 3.72 0.00	47.37 3.87 0.00	46.50 3.48 0.00	42.70 3.31 0.00	39.07 2.73 0.00	36.08 2.49 0.00	33.46 2.39 0.00
PJM_GEN_KEystone 24065	15.18 -0.63 21.48	12.30 -0.20 15.93	10.06 -0.36 15.16	8.00 -0.40 16.41	8.00 -0.34 16.05	9.80 -0.40 14.64	12.50 -0.34 13.48	13.00 -0.64 11.87	11.70 -0.46 16.79	12.20 -1.06 17.82	13.10 -0.68 16.01	13.00 -0.63 14.81	13.10 -0.67 15.37	15.00 -0.59 14.10	15.00 -0.58 11.91	16.23 -0.45 9.77	26.26 -0.84 6.49	23.50 -0.92 13.89	24.41 -1.04 18.04	25.90 -0.99 16.13	22.60 -0.51 16.28	19.20 -0.65 16.49	14.70 -0.50 18.39	12.00 -0.37 18.69
PJM_GEN_NEPTUNE_PROXY 323594	40.24 2.95 -0.01	33.10 2.56 -2.12	27.86 2.28 0.00	27.00 2.18 -0.01	26.54 2.15 0.00	27.01 2.16 -0.01	28.77 2.45 0.00	28.05 2.53 -0.01	31.80 2.84 0.00	37.57 2.86 -3.64	32.92 2.71 -0.41	36.06 2.53 -5.09	35.96 2.68 -4.13	35.99 2.76 -3.54	36.95 2.58 -6.88	37.33 2.59 -8.29	38.18 3.09 -1.51	41.84 3.52 -0.01	47.28 3.78 0.00	46.16 3.14 0.00	42.58 3.19 0.00	38.92 2.58 0.00	36.09 2.49 -0.01	34.25 2.42 -0.76
PJM_GEN_VFT_PROXY 323633	40.01 2.72 0.00	30.78 2.36 0.00	27.65 2.07 0.00	26.80 1.99 0.00	26.31 1.93 0.00	26.72 1.89 0.00	28.56 2.24 0.00	27.88 2.37 0.00	31.59 2.63 0.00	33.75 2.67 0.00	32.30 2.50 0.00	30.96 2.53 0.00	31.88 2.74 0.00	32.51 2.82 0.00	33.51 2.70 -3.33	34.95 2.75 -5.76	38.34 3.26 -1.50	41.99 3.68 0.00	47.24 3.74 0.00	46.42 3.40 0.00	42.62 3.23 0.00	38.96 2.62 0.00	36.01 2.42 0.00	33.37 2.30 0.00
PLATSBRG_115KV_PMLD1 355749	38.19 0.89 0.00	28.79 0.37 0.00	25.91 0.33 0.00	25.16 0.35 0.00	24.66 0.27 0.00	25.14 0.30 0.00	26.56 0.24 0.00	25.81 0.31 0.00	29.39 0.43 0.00	31.76 0.68 0.00	30.54 0.74 0.00	29.12 0.68 0.00	29.76 0.61 0.00	30.22 0.53 0.00	27.84 0.36 0.00	26.66 0.21 0.00	34.06 0.47 0.00	38.93 0.61 0.00	44.37 0.87 0.00	44.05 1.03 0.00	40.14 0.75 0.00	37.18 0.84 0.00	34.30 0.71 0.00	31.75 0.68 0.00
PLEASANTVLY___LBMP 24000	39.45 2.16 0.00	30.33 1.90 0.00	27.32 1.74 0.00	26.47 1.66 0.00	26.02 1.63 0.00	26.43 1.59 0.00	28.16 1.84 0.00	27.47 1.96 0.00	31.10 2.14 0.00	33.25 2.18 0.00	31.80 2.00 0.00	30.39 1.96 0.00	31.30 2.16 0.00	31.89 2.20 0.00	33.13 2.09 -3.55	34.72 2.14 -6.14	37.71 2.52 -1.60	41.11 2.80 0.00	46.45 2.96 0.00	45.73 2.71 0.00	41.99 2.60 0.00	38.41 2.07 0.00	35.51 1.91 0.00	32.87 1.80 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	39.86 2.57 0.00	30.64 2.22 0.00	27.58 2.00 0.00	26.72 1.91 0.00	26.26 1.88 0.00	26.68 1.84 0.00	28.45 2.13 0.00	27.75 2.24 0.00	31.45 2.49 0.00	33.62 2.55 0.00	32.18 2.38 0.00	30.82 2.39 0.00	31.74 2.59 0.00	32.33 2.64 0.00	33.38 2.53 -3.37	34.80 2.54 -5.81	38.12 3.02 -1.52	41.72 3.41 0.00	47.11 3.61 0.00	46.29 3.27 0.00	42.50 3.11 0.00	38.85 2.51 0.00	35.91 2.32 0.00	33.24 2.17 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	39.86 2.57 0.00	30.64 2.22 0.00	27.58 2.00 0.00	26.72 1.91 0.00	26.26 1.88 0.00	26.68 1.84 0.00	28.45 2.13 0.00	27.75 2.24 0.00	31.45 2.49 0.00	33.62 2.55 0.00	32.18 2.38 0.00	30.82 2.39 0.00	31.74 2.59 0.00	32.33 2.64 0.00	33.38 2.53 -3.37	34.80 2.54 -5.81	38.12 3.02 -1.52	41.72 3.41 0.00	47.11 3.61 0.00	46.29 3.27 0.00	42.50 3.11 0.00	38.85 2.51 0.00	35.91 2.32 0.00	33.24 2.17 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.71 2.42 0.00	30.56 2.13 0.00	27.50 1.92 0.00	26.65 1.84 0.00	26.19 1.80 0.00	26.63 1.79 0.00	28.35 2.03 0.00	27.62 2.12 0.00	31.28 2.32 0.00	33.37 2.30 0.00	31.97 2.18 0.00	30.54 2.10 0.00	31.42 2.27 0.00	32.01 2.32 0.00	33.02 2.23 -3.31	34.41 2.25 -5.71	37.80 2.72 -1.49	41.38 3.07 0.00	46.85 3.35 0.00	46.20 3.18 0.00	42.42 3.03 0.00	38.78 2.43 0.00	35.85 2.25 0.00	33.15 2.08 0.00
POLETTI_____ 23519	40.12 2.83 0.00	30.84 2.42 0.00	27.73 2.15 0.00	26.84 2.03 0.00	26.39 2.00 0.00	26.80 1.96 0.00	28.61 2.29 0.00	27.93 2.42 0.00	31.61 2.66 0.02	33.79 2.73 0.02	32.32 2.53 0.02	30.98 2.56 0.02	31.93 2.80 0.02	32.52 2.85 0.02	33.52 2.72 -3.32	34.94 2.75 -5.74	38.38 3.29 -1.50	41.99 3.68 0.00	47.31 3.83 0.02	46.49 3.48 0.02	42.68 3.31 0.02	39.03 2.69 0.00	36.08 2.49 0.00	33.43 2.36 0.00
POMONA___ESR 323819	39.83 2.54 0.00	30.64 2.22 0.00	27.55 1.97 0.00	26.69 1.88 0.00	26.22 1.83 0.00	26.65 1.81 0.00	28.43 2.11 0.00	27.73 2.22 0.00	31.39 2.43 0.00	33.56 2.49 0.00	32.12 2.33 0.00	30.73 2.30 0.00	31.65 2.51 0.00	32.24 2.55 0.00	33.11 2.45 -3.18	34.40 2.46 -5.50	37.94 2.92 -1.43	41.61 3.30 0.00	46.98 3.48 0.00	46.25 3.23 0.00	42.47 3.07 0.00	38.82 2.47 0.00	35.88 2.29 0.00	33.21 2.14 0.00
PORT_JEFF_3 23555	41.47 3.58 -0.60	38.32 3.07 -6.82	37.33 2.74 -9.01	33.60 2.63 -6.16	34.98 2.58 -8.01	27.53 2.61 -0.08	41.60 2.92 -12.36	41.82 2.98 -13.33	44.23 3.36 -11.92	38.48 3.42 -3.99	34.91 3.16 -1.95	38.51 2.96 -7.12	44.34 3.15 -12.05	47.16 3.21 -14.26	48.57 2.97 -18.12	48.54 2.96 -19.13	51.54 3.53 -14.43	51.00 3.95 -8.74	50.89 4.27 -3.13	46.55 3.53 0.00	44.21 3.66 -1.15	45.32 3.01 -5.96	36.69 3.09 -0.01	34.83 2.95 -0.81
PORT_JEFF_4 23616	41.47 3.58 -0.60	38.32 3.07 -6.82	37.33 2.74 -9.01	33.60 2.63 -6.16	34.98 2.58 -8.01	27.53 2.61 -0.08	41.60 2.92 -12.36	41.82 2.98 -13.33	44.23 3.36 -11.92	38.48 3.42 -3.99	34.91 3.16 -1.95	38.51 2.96 -7.12	44.34 3.15 -12.05	47.16 3.21 -14.26	48.57 2.97 -18.12	48.54 2.96 -19.13	51.54 3.53 -14.43	51.00 3.95 -8.74	50.89 4.27 -3.13	46.55 3.53 0.00	44.21 3.66 -1.15	45.32 3.01 -5.96	36.69 3.09 -0.01	34.83 2.95 -0.81

PORT_JEFF_IC 23713	41.63 3.65 -0.69	39.07 3.13 -7.52	38.75 2.79 -10.38	34.59 2.68 -7.10	36.25 2.63 -9.23	27.59 2.66 -0.09	43.53 2.97 -14.24	43.93 3.06 -15.36	46.10 3.42 -13.73	38.56 3.48 -4.01	35.01 3.19 -2.02	38.84 3.01 -7.39	45.60 3.23 -13.22	48.85 3.80 -15.86	50.35 3.08 -19.78	50.18 2.99 -20.75	53.53 3.56 -16.38	52.39 4.02 -10.06	51.40 4.31 -3.60	46.63 3.61 0.00	44.50 3.78 -1.32	46.29 3.09 -6.86	36.76 3.16 -0.01	34.90 3.01 -0.82
PPL PILGRIM_ST_GT1 24216	40.96 3.54 -0.13	34.81 3.04 -3.34	30.33 2.71 -2.04	28.81 2.60 -1.40	28.76 2.56 -1.82	27.45 2.58 -0.02	32.02 2.90 -2.80	31.52 2.98 -3.03	34.96 3.30 -2.70	38.46 3.39 -4.00	35.35 3.22 -2.33	37.27 2.93 -5.90	38.44 3.12 -6.18	39.03 3.18 -6.16	39.91 2.97 -9.45	40.11 2.96 -10.71	41.30 3.56 -4.16	44.09 3.98 -1.80	48.49 4.35 -0.64	46.72 3.70 0.00	43.33 3.70 -0.24	40.58 3.01 -1.22	36.76 3.16 -0.01	34.94 3.05 -0.83
PPL PILGRIM_ST_GT2 24217	40.96 3.54 -0.13	34.81 3.04 -3.34	30.33 2.71 -2.04	28.81 2.60 -1.40	28.76 2.56 -1.82	27.45 2.58 -0.02	32.02 2.90 -2.80	31.52 2.98 -3.03	34.96 3.30 -2.70	38.46 3.39 -4.00	35.35 3.22 -2.33	37.27 2.93 -5.90	38.44 3.12 -6.18	39.03 3.18 -6.16	39.91 2.97 -9.45	40.11 2.96 -10.71	41.30 3.56 -4.16	44.09 3.98 -1.80	48.49 4.35 -0.64	46.72 3.70 0.00	43.33 3.70 -0.24	40.58 3.01 -1.22	36.76 3.16 -0.01	34.94 3.05 -0.83
PPL_SHRM_GT3 24213	41.56 3.66 -0.61	38.53 3.18 -6.92	37.62 2.84 -9.20	33.81 2.70 -6.29	35.25 2.68 -8.18	27.65 2.73 -0.08	41.99 3.05 -12.62	42.24 3.11 -13.62	44.63 3.50 -12.17	38.70 3.63 -3.99	34.88 3.10 -1.99	38.67 3.07 -7.17	44.63 3.26 -12.22	47.50 3.32 -14.49	48.91 3.08 -18.35	48.92 3.12 -19.36	52.01 3.73 -14.70	51.34 4.10 -8.92	51.08 4.39 -3.19	46.20 3.18 0.00	44.27 3.70 -1.17	45.52 3.09 -6.09	36.56 2.96 -0.01	34.71 2.83 -0.82
PPL_SHRM_GT4 24214	41.56 3.66 -0.61	38.53 3.18 -6.92	37.62 2.84 -9.20	33.81 2.70 -6.29	35.25 2.68 -8.18	27.65 2.73 -0.08	41.99 3.05 -12.62	42.24 3.11 -13.62	44.63 3.50 -12.17	38.70 3.63 -3.99	34.88 3.10 -1.99	38.67 3.07 -7.17	44.63 3.26 -12.22	47.50 3.32 -14.49	48.91 3.08 -18.35	48.92 3.12 -19.36	52.01 3.73 -14.70	51.34 4.10 -8.92	51.08 4.39 -3.19	46.20 3.18 0.00	44.27 3.70 -1.17	45.52 3.09 -6.09	36.56 2.96 -0.01	34.71 2.83 -0.82
PROJECT___ORANGE 1 24174	36.92 -0.37 0.00	28.31 -0.11 0.00	25.45 -0.13 0.00	24.66 -0.15 0.00	24.27 -0.12 0.00	24.69 -0.15 0.00	26.19 -0.13 0.00	25.25 -0.26 0.00	28.73 -0.23 0.00	30.61 -0.47 0.00	29.38 -0.42 0.00	28.03 -0.40 0.00	28.71 -0.44 0.00	29.24 -0.45 0.00	27.10 -0.38 0.00	26.15 -0.29 0.00	33.12 -0.47 0.00	37.78 -0.54 0.00	43.02 -0.48 0.00	42.59 -0.43 0.00	39.16 -0.24 0.00	36.05 -0.29 0.00	33.33 -0.27 0.00	30.76 -0.31 0.00
PROJECT___ORANGE 2 24166	36.92 -0.37 0.00	28.31 -0.11 0.00	25.45 -0.13 0.00	24.66 -0.15 0.00	24.27 -0.12 0.00	24.69 -0.15 0.00	26.19 -0.13 0.00	25.25 -0.26 0.00	28.73 -0.23 0.00	30.61 -0.47 0.00	29.38 -0.42 0.00	28.03 -0.40 0.00	28.71 -0.44 0.00	29.24 -0.45 0.00	27.10 -0.38 0.00	26.15 -0.29 0.00	33.12 -0.47 0.00	37.78 -0.54 0.00	43.02 -0.48 0.00	42.59 -0.43 0.00	39.16 -0.24 0.00	36.05 -0.29 0.00	33.33 -0.27 0.00	30.76 -0.31 0.00
PUCKETT___SOLAR 323809	37.85 0.56 0.00	29.02 0.60 0.00	26.04 0.46 0.00	25.23 0.42 0.00	24.87 0.49 0.00	25.31 0.47 0.00	26.80 0.47 0.00	25.76 0.26 0.00	29.33 0.38 0.00	31.04 -0.03 0.00	29.86 0.06 0.00	28.46 0.03 0.00	29.11 -0.03 0.00	29.66 -0.03 0.00	27.53 -0.05 -0.10	26.70 0.08 -0.18	33.63 0.00 -0.05	38.47 0.15 0.00	43.98 0.48 0.00	43.67 0.65 0.00	40.26 0.87 0.00	37.03 0.69 0.00	34.23 0.64 0.00	31.56 0.50 0.00
PYRITES___HYD 24023	38.04 0.75 0.00	28.48 0.06 0.00	25.73 0.15 0.00	25.03 0.22 0.00	24.58 0.20 0.00	25.11 0.27 0.00	26.43 0.11 0.00	25.63 0.13 0.00	29.10 0.14 0.00	31.41 0.34 0.00	30.31 0.51 0.00	28.89 0.45 0.00	29.49 0.35 0.00	30.02 0.33 0.00	27.57 0.08 0.00	26.45 0.00 0.00	33.95 0.37 0.00	38.85 0.54 0.00	44.41 0.91 0.00	44.14 1.12 0.00	40.22 0.83 0.00	37.40 1.05 0.00	34.50 0.91 0.00	31.81 0.75 0.00
QUAKERRD_115KV_BK1 80622	35.61 -1.68 0.00	27.43 -0.99 0.00	24.48 -1.10 0.00	23.69 -1.12 0.00	23.36 -1.02 0.00	23.70 -1.14 0.00	25.14 -1.18 0.00	24.05 -1.45 0.00	27.54 -1.42 0.00	29.11 -1.96 0.00	28.25 -1.55 0.00	26.95 -1.48 0.00	27.54 -1.60 0.00	28.15 -1.54 0.00	26.06 -1.43 0.00	25.18 -1.27 0.00	31.74 -1.85 0.00	36.24 -2.07 0.00	41.32 -2.17 0.00	40.96 -2.06 0.00	37.82 -1.58 0.00	34.74 -1.60 0.00	32.22 -1.38 0.00	29.82 -1.24 0.00
QUENSBRY_115KV_TB8 356137	40.27 2.98 0.00	30.64 2.22 0.00	27.42 1.84 0.00	26.57 1.76 0.00	26.17 1.78 0.00	26.58 1.74 0.00	28.24 1.92 0.00	27.47 1.96 0.00	31.22 2.26 0.00	33.37 2.30 0.00	31.77 1.97 0.00	30.25 1.82 0.00	30.95 1.81 0.00	31.53 1.84 0.00	29.47 1.81 -0.17	28.62 1.88 -0.29	36.28 2.62 -0.08	41.38 3.07 0.00	47.15 3.65 0.00	46.85 3.83 0.00	42.94 3.55 0.00	39.36 3.02 0.00	36.21 2.62 0.00	33.21 2.14 0.00
RAMAPO___LBMP 323565	39.68 2.39 0.00	30.53 2.10 0.00	27.45 1.87 0.00	26.60 1.79 0.00	26.14 1.76 0.00	26.55 1.71 0.00	28.32 2.00 0.00	27.62 2.12 0.00	31.28 2.32 0.00	33.43 2.36 0.00	32.00 2.21 0.00	30.62 2.19 0.00	31.53 2.39 0.00	32.12 2.43 0.00	32.95 2.31 -3.15	34.24 2.35 -5.45	37.79 2.79 -1.42	41.42 3.10 0.00	46.80 3.31 0.00	46.03 3.01 0.00	42.31 2.91 0.00	38.67 2.33 0.00	35.74 2.15 0.00	33.09 2.02 0.00
RANKINE____ 23646	36.13 -1.16 0.00	27.91 -0.51 0.00	24.81 -0.77 0.00	24.02 -0.79 0.00	23.70 -0.68 0.00	24.07 -0.77 0.00	25.53 -0.79 0.00	24.13 -1.38 0.00	27.89 -1.07 0.00	29.11 -1.96 0.00	28.49 -1.31 0.00	27.24 -1.19 0.00	27.83 -1.31 0.00	28.50 -1.19 0.00	26.30 -1.18 0.00	25.44 -1.00 0.00	31.91 -1.68 0.00	36.47 -1.84 0.00	41.50 -2.00 0.00	41.17 -1.85 0.00	38.21 -1.18 0.00	35.18 -1.16 0.00	32.75 -0.84 0.00	30.38 -0.68 0.00
RAVENSWOOD_GT2_1 24244	40.16 2.87 0.00	30.90 2.47 0.00	27.78 2.20 0.00	26.89 2.08 0.00	26.44 2.05 0.00	26.85 2.01 0.00	28.66 2.34 0.00	27.98 2.47 0.00	31.68 2.72 0.00	33.84 2.77 0.00	32.39 2.59 0.00	31.05 2.62 0.00	31.97 2.83 0.00	32.60 2.91 0.00	33.57 2.75 -3.33	34.98 2.78 -5.76	38.41 3.32 -1.50	42.07 3.75 0.00	47.41 3.91 0.00	46.55 3.53 0.00	42.74 3.35 0.00	39.10 2.76 0.00	36.15 2.55 0.00	33.49 2.42 0.00
RAVENSWOOD_GT2_2 24245	40.16 2.87 0.00	30.90 2.47 0.00	27.78 2.20 0.00	26.89 2.08 0.00	26.44 2.05 0.00	26.85 2.01 0.00	28.66 2.34 0.00	27.98 2.47 0.00	31.68 2.72 0.00	33.84 2.77 0.00	32.39 2.59 0.00	31.05 2.62 0.00	31.97 2.83 0.00	32.60 2.91 0.00	33.57 2.75 -3.33	34.98 2.78 -5.76	38.41 3.32 -1.50	42.07 3.75 0.00	47.41 3.91 0.00	46.55 3.53 0.00	42.74 3.35 0.00	39.10 2.76 0.00	36.15 2.55 0.00	33.49 2.42 0.00

RAVENSWOOD_GT2_3 24246	40.20 2.91 0.00	30.93 2.50 0.00	27.78 2.20 0.00	26.92 2.11 0.00	26.44 2.05 0.00	26.85 2.01 0.00	28.69 2.37 0.00	28.01 2.50 0.00	31.71 2.75 0.00	33.87 2.80 0.00	32.39 2.59 0.00	31.05 2.62 0.00	32.00 2.86 0.00	32.60 2.91 0.00	33.59 2.78 -3.33	35.01 2.80 -5.76	38.45 3.36 -1.50	42.07 3.75 0.00	47.41 3.91 0.00	46.59 3.57 0.00	42.78 3.39 0.00	39.10 2.76 0.00	36.15 2.55 0.00	33.52 2.45 0.00
RAVENSWOOD_GT2_4 24247	40.20 2.91 0.00	30.93 2.50 0.00	27.78 2.20 0.00	26.92 2.11 0.00	26.44 2.05 0.00	26.85 2.01 0.00	28.69 2.37 0.00	28.01 2.50 0.00	31.71 2.75 0.00	33.87 2.80 0.00	32.39 2.59 0.00	31.05 2.62 0.00	32.00 2.86 0.00	32.60 2.91 0.00	33.59 2.78 -3.33	35.01 2.80 -5.76	38.45 3.36 -1.50	42.07 3.75 0.00	47.41 3.91 0.00	46.59 3.57 0.00	42.78 3.39 0.00	39.10 2.76 0.00	36.15 2.55 0.00	33.52 2.45 0.00
RAVENSWOOD_GT3_1 24248	40.16 2.87 0.00	30.90 2.47 0.00	27.78 2.20 0.00	26.89 2.08 0.00	26.44 2.05 0.00	26.85 2.01 0.00	28.66 2.34 0.00	27.98 2.47 0.00	31.68 2.72 0.00	33.84 2.77 0.00	32.39 2.59 0.00	31.05 2.62 0.00	31.97 2.83 0.00	32.60 2.91 0.00	33.57 2.75 -3.33	35.01 2.80 -5.76	38.41 3.32 -1.50	42.07 3.75 0.00	47.41 3.91 0.00	46.55 3.53 0.00	42.78 3.39 0.00	39.10 2.76 0.00	36.15 2.55 0.00	33.49 2.42 0.00
RAVENSWOOD_GT3_2 24249	40.16 2.87 0.00	30.90 2.47 0.00	27.78 2.20 0.00	26.89 2.08 0.00	26.44 2.05 0.00	26.85 2.01 0.00	28.66 2.34 0.00	27.98 2.47 0.00	31.68 2.72 0.00	33.84 2.77 0.00	32.39 2.59 0.00	31.05 2.62 0.00	31.97 2.83 0.00	32.60 2.91 0.00	33.57 2.75 -3.33	35.01 2.80 -5.76	38.41 3.32 -1.50	42.07 3.75 0.00	47.41 3.91 0.00	46.55 3.53 0.00	42.78 3.39 0.00	39.10 2.76 0.00	36.15 2.55 0.00	33.49 2.42 0.00
RAVENSWOOD_GT3_3 24250	40.24 2.95 0.00	30.93 2.50 0.00	27.81 2.23 0.00	26.92 2.11 0.00	26.46 2.07 0.00	26.87 2.04 0.00	28.69 2.37 0.00	28.03 2.53 0.00	31.74 2.78 0.00	33.90 2.83 0.00	32.42 2.62 0.00	31.11 2.67 0.00	32.03 2.89 0.00	32.63 2.94 0.00	33.62 2.80 -3.33	35.03 2.83 -5.76	38.48 3.39 -1.50	42.11 3.79 0.00	47.45 3.96 0.00	46.63 3.61 0.00	42.82 3.43 0.00	39.14 2.80 0.00	36.18 2.59 0.00	33.55 2.49 0.00
RAVENSWOOD_GT3_4 24251	40.24 2.95 0.00	30.93 2.50 0.00	27.81 2.23 0.00	26.92 2.11 0.00	26.46 2.07 0.00	26.87 2.04 0.00	28.69 2.37 0.00	28.03 2.53 0.00	31.74 2.78 0.00	33.90 2.83 0.00	32.42 2.62 0.00	31.11 2.67 0.00	32.03 2.89 0.00	32.63 2.94 0.00	33.62 2.80 -3.33	35.03 2.83 -5.76	38.48 3.39 -1.50	42.11 3.79 0.00	47.45 3.96 0.00	46.63 3.61 0.00	42.82 3.43 0.00	39.14 2.80 0.00	36.18 2.59 0.00	33.55 2.49 0.00
RAVENSWOOD_GT_1 23729	40.35 3.06 0.00	31.05 2.62 -0.01	27.92 2.33 -0.01	27.03 2.21 -0.01	26.57 2.17 -0.01	26.98 2.14 -0.01	28.80 2.47 0.00	28.11 2.60 0.00	31.80 2.84 0.00	33.93 2.86 0.00	32.48 2.68 0.00	31.16 2.73 0.00	32.09 2.94 0.00	32.69 3.00 0.00	33.68 2.86 -3.34	35.09 2.88 -5.76	38.55 3.46 -1.50	42.22 3.91 0.00	47.50 4.00 0.00	46.68 3.66 0.00	42.86 3.47 0.00	39.25 2.91 0.00	36.28 2.69 0.00	33.65 2.58 -0.01
RAVENSWOOD_GT_10 24258	40.16 2.87 0.00	30.90 2.47 0.00	27.78 2.20 0.00	26.89 2.08 0.00	26.43 2.05 0.00	26.85 2.01 0.00	28.66 2.34 0.00	27.98 2.47 0.00	31.68 2.72 0.00	33.84 2.77 0.00	32.39 2.59 0.00	31.05 2.62 0.00	31.97 2.83 0.00	32.60 2.91 0.00	33.57 2.75 -3.33	35.01 2.80 -5.76	38.41 3.32 -1.50	42.07 3.75 0.00	47.41 3.91 0.00	46.55 3.53 0.00	42.78 3.39 0.00	39.10 2.76 0.00	36.15 2.55 0.00	33.49 2.42 0.00
RAVENSWOOD_GT_11 24259	40.16 2.87 0.00	30.90 2.47 0.00	27.78 2.20 0.00	26.89 2.08 0.00	26.43 2.05 0.00	26.85 2.01 0.00	28.66 2.34 0.00	27.98 2.47 0.00	31.68 2.72 0.00	33.84 2.77 0.00	32.39 2.59 0.00	31.05 2.62 0.00	31.97 2.83 0.00	32.60 2.91 0.00	33.57 2.75 -3.33	35.01 2.80 -5.76	38.41 3.32 -1.50	42.07 3.75 0.00	47.41 3.91 0.00	46.55 3.53 0.00	42.78 3.39 0.00	39.10 2.76 0.00	36.15 2.55 0.00	33.49 2.42 0.00
RAVENSWOOD_GT_4 24252	40.16 2.87 0.00	30.86 2.44 0.01	27.75 2.17 0.01	26.86 2.06 0.01	26.41 2.02 0.01	26.82 1.99 0.01	28.67 2.34 0.00	27.98 2.47 0.00	31.68 2.72 0.00	33.87 2.80 0.00	32.39 2.59 0.00	31.05 2.62 0.00	31.97 2.83 0.00	32.60 2.91 0.00	33.57 2.75 -3.34	35.01 2.80 -5.76	38.41 3.32 -1.50	42.07 3.75 0.00	47.41 3.91 0.00	46.59 3.57 0.00	42.78 3.39 0.00	39.11 2.76 0.00	36.11 2.52 0.00	33.48 2.42 0.01
RAVENSWOOD_GT_5 24254	40.16 2.87 0.00	30.86 2.44 0.01	27.75 2.17 0.01	26.86 2.06 0.01	26.41 2.02 0.01	26.82 1.99 0.01	28.67 2.34 0.00	27.98 2.47 0.00	31.68 2.72 0.00	33.87 2.80 0.00	32.39 2.59 0.00	31.05 2.62 0.00	31.97 2.83 0.00	32.60 2.91 0.00	33.57 2.75 -3.34	35.01 2.80 -5.76	38.41 3.32 -1.50	42.07 3.75 0.00	47.41 3.91 0.00	46.59 3.57 0.00	42.78 3.39 0.00	39.11 2.76 0.00	36.11 2.52 0.00	33.48 2.42 0.01
RAVENSWOOD_GT_6 24253	40.16 2.87 0.00	30.86 2.44 0.01	27.75 2.17 0.01	26.86 2.06 0.01	26.41 2.02 0.01	26.82 1.99 0.01	28.67 2.34 0.00	27.98 2.47 0.00	31.68 2.72 0.00	33.87 2.80 0.00	32.39 2.59 0.00	31.05 2.62 0.00	31.97 2.83 0.00	32.60 2.91 0.00	33.57 2.75 -3.34	35.01 2.80 -5.76	38.41 3.32 -1.50	42.07 3.75 0.00	47.41 3.91 0.00	46.59 3.57 0.00	42.78 3.39 0.00	39.11 2.76 0.00	36.11 2.52 0.00	33.48 2.42 0.01
RAVENSWOOD_GT_7 24255	40.16 2.87 0.00	30.86 2.44 0.01	27.75 2.17 0.01	26.86 2.06 0.01	26.41 2.02 0.01	26.82 1.99 0.01	28.67 2.34 0.00	27.98 2.47 0.00	31.68 2.72 0.00	33.87 2.80 0.00	32.39 2.59 0.00	31.05 2.62 0.00	31.97 2.83 0.00	32.60 2.91 0.00	33.57 2.75 -3.34	35.01 2.80 -5.76	38.41 3.32 -1.50	42.07 3.75 0.00	47.41 3.91 0.00	46.59 3.57 0.00	42.78 3.39 0.00	39.11 2.76 0.00	36.11 2.52 0.00	33.48 2.42 0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.16 2.87 0.00	30.90 2.47 0.00	27.78 2.20 0.00	26.89 2.08 0.00	26.43 2.05 0.00	26.85 2.01 0.00	28.66 2.34 0.00	27.98 2.47 0.00	31.68 2.72 0.00	33.84 2.77 0.00	32.39 2.59 0.00	31.05 2.62 0.00	31.97 2.83 0.00	32.60 2.91 0.00	33.57 2.75 -3.33	35.01 2.80 -5.76	38.41 3.32 -1.50	42.07 3.75 0.00	47.41 3.91 0.00	46.55 3.53 0.00	42.78 3.39 0.00	39.10 2.76 0.00	36.15 2.55 0.00	33.49 2.42 0.00
RAVENSWOOD_GT_9 24257	40.16 2.87 0.00	30.90 2.47 0.00	27.78 2.20 0.00	26.89 2.08 0.00	26.43 2.05 0.00	26.85 2.01 0.00	28.66 2.34 0.00	27.98 2.47 0.00	31.68 2.72 0.00	33.84 2.77 0.00	32.39 2.59 0.00	31.05 2.62 0.00	31.97 2.83 0.00	32.60 2.91 0.00	33.57 2.75 -3.33	35.01 2.80 -5.76	38.41 3.32 -1.50	42.07 3.75 0.00	47.41 3.91 0.00	46.55 3.53 0.00	42.78 3.39 0.00	39.10 2.76 0.00	36.15 2.55 0.00	33.49 2.42 0.00

RAVENSWOOD___1 23533	40.31 3.02 0.00	31.02 2.59 -0.01	27.89 2.30 -0.01	27.02 2.21 -0.01	26.54 2.15 -0.01	26.96 2.11 -0.01	28.77 2.45 0.00	28.08 2.58 0.00	31.74 2.78 0.00	33.90 2.83 0.00	32.45 2.65 0.00	31.10 2.67 0.00	32.06 2.91 0.00	32.66 2.97 0.00	33.62 2.80 -3.33	35.06 2.86 -5.76	38.48 3.39 -1.50	42.14 3.83 0.00	47.45 3.96 0.00	46.63 3.61 0.00	42.82 3.43 0.00	39.21 2.87 0.00	36.25 2.65 0.00	33.65 2.58 -0.01
RAVENSWOOD___2 23534	40.31 3.02 0.00	31.02 2.59 -0.01	27.89 2.30 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.96 2.11 -0.01	28.77 2.45 0.00	28.06 2.55 0.00	31.71 2.75 0.00	33.87 2.80 0.00	32.42 2.62 0.00	31.10 2.67 0.00	32.03 2.89 0.00	32.63 2.94 0.00	33.62 2.80 -3.33	35.03 2.83 -5.76	38.48 3.39 -1.50	42.11 3.79 0.00	47.41 3.92 0.00	46.59 3.57 0.00	42.78 3.39 0.00	39.18 2.84 0.00	36.25 2.65 0.00	33.62 2.55 -0.01
RAVENSWOOD___3 23535	40.16 2.87 0.00	30.90 2.47 0.00	27.78 2.20 0.00	26.89 2.08 0.00	26.44 2.05 0.00	26.85 2.01 0.00	28.66 2.34 0.00	27.98 2.47 0.00	31.68 2.72 0.00	33.87 2.80 0.00	32.39 2.59 0.00	31.05 2.61 0.00	31.97 2.83 0.00	32.60 2.91 0.00	33.57 2.75 -3.33	35.01 2.80 -5.76	38.41 3.33 -1.50	42.07 3.76 0.00	47.41 3.92 0.00	46.55 3.53 0.00	42.78 3.39 0.00	39.10 2.76 0.00	36.15 2.55 0.00	33.49 2.42 0.00
RAVENSWOOD___4 23820	40.27 2.98 0.00	31.02 2.59 -0.01	27.89 2.30 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.95 2.11 -0.01	28.74 2.42 0.00	28.06 2.55 0.00	31.71 2.75 0.00	33.87 2.80 0.00	32.42 2.62 0.00	31.08 2.64 0.00	32.00 2.86 0.00	32.63 2.94 0.00	33.59 2.77 -3.33	35.00 2.80 -5.76	38.44 3.36 -1.50	42.07 3.76 0.00	47.36 3.87 0.00	46.55 3.53 0.00	42.74 3.35 0.00	39.18 2.84 0.00	36.22 2.62 0.00	33.62 2.55 -0.01
RCPL_TRUST___DRP 24196	40.16 2.87 0.00	30.90 2.47 0.00	27.78 2.20 0.00	26.89 2.08 0.00	26.44 2.05 0.00	26.85 2.01 0.00	28.69 2.37 0.00	28.01 2.50 0.00	31.71 2.75 0.00	33.87 2.80 0.00	32.39 2.59 0.00	31.08 2.64 0.00	32.00 2.86 0.00	32.60 2.91 0.00	33.59 2.78 -3.33	35.03 2.83 -5.76	38.45 3.36 -1.50	42.11 3.79 0.00	47.45 3.96 0.00	46.59 3.57 0.00	42.78 3.39 0.00	39.10 2.76 0.00	36.15 2.55 0.00	33.49 2.42 0.00
RED___ROCHESTER 323720	36.51 -0.78 0.00	28.14 -0.28 0.00	25.07 -0.51 0.00	24.24 -0.57 0.00	23.92 -0.46 0.00	24.24 -0.60 0.00	25.72 -0.60 0.00	24.54 -0.97 0.00	28.15 -0.81 0.00	29.67 -1.40 0.00	28.87 -0.92 0.00	27.58 -0.85 0.00	28.18 -0.96 0.00	28.83 -0.86 0.00	26.69 -0.80 0.00	25.81 -0.63 0.00	32.51 -1.08 0.00	37.13 -1.19 0.00	42.37 -1.13 0.00	42.03 -0.99 0.00	38.84 -0.55 0.00	35.65 -0.69 0.00	33.09 -0.50 0.00	30.60 -0.47 0.00
REGAN___SOLAR 323812	40.01 2.72 0.00	30.41 1.99 0.00	27.22 1.64 0.00	26.37 1.56 0.00	25.97 1.58 0.00	26.40 1.57 0.00	28.01 1.69 0.00	27.12 1.61 0.00	30.76 1.80 0.00	32.81 1.74 0.00	31.41 1.61 0.00	29.91 1.48 0.00	30.51 1.37 0.00	31.09 1.40 0.00	28.80 1.32 0.00	27.77 1.32 0.00	35.30 1.71 0.00	40.46 2.14 0.00	46.19 2.70 0.00	46.20 3.18 0.00	42.47 3.07 0.00	39.03 2.69 0.00	35.95 2.35 0.00	32.96 1.90 0.00
RENSSELAER___COGEN 23796	37.63 0.33 0.00	28.96 0.54 0.00	26.07 0.48 0.00	25.26 0.45 0.00	24.85 0.46 0.00	25.23 0.40 0.00	26.82 0.50 0.00	26.04 0.54 0.00	29.51 0.55 0.00	31.57 0.50 0.00	30.22 0.42 0.00	28.83 0.40 0.00	29.61 0.46 0.00	30.16 0.47 0.00	28.11 0.52 -0.11	27.24 0.61 -0.18	34.27 0.64 -0.05	38.89 0.58 0.00	44.02 0.52 0.00	43.54 0.52 0.00	39.94 0.55 0.00	36.67 0.33 0.00	33.96 0.37 0.00	31.38 0.31 0.00
REPUBLIC_115KV_BARTNBRK 55605	42.21 4.92 0.00	31.89 3.47 0.00	28.34 2.76 0.00	27.44 2.63 0.00	27.05 2.66 0.00	27.50 2.66 0.00	29.19 2.87 0.00	28.42 2.91 0.00	32.32 3.36 0.00	34.58 3.51 0.00	32.99 3.19 0.00	31.39 2.96 0.00	32.03 2.89 0.00	32.66 2.97 0.00	30.60 2.94 -0.18	29.74 2.99 -0.30	37.80 4.13 -0.08	43.22 4.90 0.00	49.32 5.83 0.00	49.34 6.32 0.00	45.10 5.71 0.00	41.21 4.87 0.00	37.86 4.27 0.00	34.45 3.39 0.00
REVERE_CPPR_DRP 24186	38.37 1.08 0.00	29.25 0.82 0.00	26.32 0.74 0.00	25.55 0.74 0.00	25.17 0.78 0.00	25.61 0.77 0.00	27.03 0.71 0.00	26.09 0.59 0.00	29.63 0.67 0.00	31.57 0.50 0.00	30.36 0.57 0.00	28.94 0.51 0.00	29.55 0.41 0.00	30.11 0.42 0.00	27.81 0.33 0.00	26.87 0.42 0.00	34.12 0.54 0.00	39.04 0.73 0.00	44.67 1.17 0.00	44.40 1.38 0.00	40.81 1.42 0.00	37.58 1.24 0.00	34.70 1.11 0.00	31.90 0.84 0.00
REYNLDPA_13_KV_LD 356490	37.48 0.19 0.00	28.23 -0.20 0.00	25.43 -0.15 0.00	24.69 -0.12 0.00	24.22 -0.17 0.00	24.71 -0.12 0.00	26.11 -0.21 0.00	25.38 -0.13 0.00	28.84 -0.12 0.00	31.20 0.12 0.00	30.01 0.21 0.00	28.60 0.17 0.00	29.29 0.15 0.00	29.81 0.12 0.00	27.48 0.00 0.00	26.34 -0.11 0.00	33.65 0.07 0.00	38.43 0.11 0.00	43.67 0.17 0.00	43.24 0.22 0.00	39.35 -0.04 0.00	36.52 0.18 0.00	33.73 0.13 0.00	31.22 0.16 0.00
REYNOLDS_115KV_TB3 80639	37.89 0.60 0.00	29.13 0.71 0.00	26.22 0.64 0.00	25.41 0.60 0.00	25.00 0.61 0.00	25.38 0.55 0.00	26.95 0.63 0.00	26.20 0.69 0.00	29.68 0.72 0.00	31.76 0.68 0.00	30.39 0.60 0.00	29.00 0.57 0.00	29.78 0.64 0.00	30.34 0.65 0.00	28.34 0.69 -0.17	27.51 0.77 -0.29	34.50 0.84 -0.08	39.16 0.84 0.00	44.32 0.83 0.00	43.79 0.77 0.00	40.22 0.83 0.00	36.89 0.55 0.00	34.13 0.54 0.00	31.53 0.47 0.00
RIVERBAY____ 323610	40.62 3.32 -0.01	31.27 2.84 -0.01	28.15 2.56 -0.01	27.25 2.43 -0.01	26.78 2.39 -0.01	27.20 2.36 -0.01	28.95 2.63 0.00	28.16 2.65 0.00	31.71 2.75 0.00	33.87 2.80 0.00	32.39 2.59 0.00	31.08 2.64 0.00	32.03 2.89 0.00	32.66 2.97 0.00	33.62 2.80 -3.33	35.06 2.86 -5.76	38.51 3.43 -1.50	42.26 3.95 0.00	47.58 4.09 0.00	46.72 3.70 0.00	42.86 3.47 0.00	39.39 3.05 0.00	36.55 2.96 0.00	33.99 2.92 -0.01
RIVERSDE_115KV_TB3 55908	37.81 0.52 0.00	29.08 0.65 0.00	26.17 0.59 0.00	25.36 0.55 0.00	24.95 0.56 0.00	25.33 0.50 0.00	26.90 0.58 0.00	26.14 0.64 0.00	29.63 0.67 0.00	31.69 0.62 0.00	30.34 0.54 0.00	28.94 0.51 0.00	29.73 0.58 0.00	30.31 0.62 0.00	28.28 0.66 -0.14	27.39 0.71 -0.23	34.42 0.77 -0.06	39.08 0.77 0.00	44.24 0.74 0.00	43.71 0.69 0.00	40.14 0.75 0.00	36.82 0.47 0.00	34.10 0.50 0.00	31.47 0.40 0.00
ROARING___BROOK_WT_PWR 323790	37.25 -0.04 0.00	28.34 -0.09 0.00	25.48 -0.10 0.00	24.71 -0.10 0.00	24.27 -0.12 0.00	24.71 -0.12 0.00	26.19 -0.13 0.00	25.41 -0.10 0.00	28.87 -0.09 0.00	31.04 -0.03 0.00	29.77 -0.03 0.00	28.38 -0.06 0.00	29.06 -0.09 0.00	29.60 -0.09 0.00	27.35 -0.14 0.00	26.29 -0.16 0.00	33.42 -0.17 0.00	38.12 -0.19 0.00	43.28 -0.22 0.00	42.85 -0.17 0.00	39.20 -0.20 0.00	36.20 -0.14 0.00	33.46 -0.13 0.00	30.97 -0.09 0.00

ROCHESRG_115KV_T4 355643	36.17 -1.12 0.00	27.86 -0.57 0.00	24.84 -0.74 0.00	24.04 -0.77 0.00	23.70 -0.68 0.00	24.04 -0.79 0.00	25.53 -0.79 0.00	24.33 -1.17 0.00	27.92 -1.04 0.00	29.43 -1.65 0.00	28.61 -1.19 0.00	27.30 -1.14 0.00	27.92 -1.22 0.00	28.53 -1.16 0.00	26.41 -1.07 0.00	25.49 -0.95 0.00	32.14 -1.44 0.00	36.70 -1.61 0.00	41.80 -1.70 0.00	41.47 -1.55 0.00	38.33 -1.06 0.00	35.22 -1.13 0.00	32.69 -0.91 0.00	30.29 -0.78 0.00
ROCHESTER_9_IC 23652	36.36 -0.93 0.00	28.00 -0.43 0.00	24.94 -0.64 0.00	24.14 -0.67 0.00	23.83 -0.56 0.00	24.17 -0.67 0.00	25.64 -0.68 0.00	24.44 -1.07 0.00	28.03 -0.93 0.00	29.58 -1.49 0.00	28.76 -1.04 0.00	27.44 -1.00 0.00	28.04 -1.11 0.00	28.68 -1.01 0.00	26.55 -0.93 0.00	25.65 -0.79 0.00	32.31 -1.28 0.00	36.90 -1.42 0.00	42.10 -1.39 0.00	41.73 -1.29 0.00	38.56 -0.83 0.00	35.43 -0.91 0.00	32.89 -0.71 0.00	30.44 -0.62 0.00
ROCKVIEW_13_KV_LD 356306	40.05 2.76 0.00	30.78 2.36 0.00	27.70 2.12 0.00	26.82 2.01 0.00	26.36 1.98 0.00	26.78 1.94 0.00	28.59 2.26 0.00	27.93 2.42 0.00	31.62 2.66 0.00	33.84 2.77 0.00	32.39 2.59 0.00	31.05 2.62 0.00	31.97 2.83 0.00	32.57 2.88 0.00	33.57 2.75 -3.33	34.95 2.75 -5.76	38.38 3.29 -1.50	41.99 3.68 0.00	47.41 3.91 0.00	46.59 3.57 0.00	42.78 3.39 0.00	39.07 2.73 0.00	36.08 2.49 0.00	33.40 2.33 0.00
ROME____115KV_TB2 80656	38.37 1.08 0.00	29.25 0.82 0.00	26.32 0.74 0.00	25.55 0.74 0.00	25.17 0.78 0.00	25.61 0.77 0.00	27.03 0.71 0.00	26.09 0.59 0.00	29.63 0.67 0.00	31.57 0.50 0.00	30.36 0.57 0.00	28.94 0.51 0.00	29.55 0.41 0.00	30.11 0.42 0.00	27.81 0.33 0.00	26.87 0.42 0.00	34.12 0.54 0.00	39.04 0.73 0.00	44.67 1.17 0.00	44.40 1.38 0.00	40.81 1.42 0.00	37.58 1.24 0.00	34.70 1.11 0.00	31.90 0.84 0.00
ROSETON___1 23587	39.49 2.20 0.00	30.36 1.93 0.00	27.34 1.76 0.00	26.47 1.66 0.00	26.02 1.63 0.00	26.45 1.61 0.00	28.19 1.87 0.00	27.50 1.99 0.00	31.13 2.17 0.00	33.25 2.17 0.00	31.85 2.05 0.00	30.45 2.02 0.00	31.33 2.19 0.00	31.92 2.23 0.00	32.91 2.15 -3.28	34.28 2.17 -5.67	37.62 2.55 -1.48	41.19 2.87 0.00	46.54 3.04 0.00	45.81 2.79 0.00	42.07 2.68 0.00	38.49 2.14 0.00	35.58 1.98 0.00	32.93 1.86 0.00
ROSETON___2 23588	39.49 2.20 0.00	30.36 1.93 0.00	27.34 1.76 0.00	26.47 1.66 0.00	26.02 1.63 0.00	26.45 1.61 0.00	28.19 1.87 0.00	27.50 1.99 0.00	31.13 2.17 0.00	33.25 2.17 0.00	31.85 2.05 0.00	30.45 2.02 0.00	31.33 2.19 0.00	31.92 2.23 0.00	32.91 2.15 -3.28	34.28 2.17 -5.67	37.62 2.55 -1.48	41.19 2.87 0.00	46.54 3.04 0.00	45.81 2.79 0.00	42.07 2.68 0.00	38.49 2.14 0.00	35.58 1.98 0.00	32.93 1.86 0.00
ROTRRDAM_115KV_TB3 80664	38.41 1.12 0.00	29.39 0.97 0.00	26.45 0.87 0.00	25.63 0.82 0.00	25.19 0.80 0.00	25.63 0.79 0.00	27.22 0.89 0.00	26.40 0.89 0.00	29.94 0.98 0.00	32.04 0.96 0.00	30.63 0.83 0.00	29.23 0.80 0.00	29.96 0.82 0.00	30.55 0.86 0.00	28.31 0.82 0.00	27.32 0.87 0.00	34.63 1.04 0.00	39.54 1.23 0.00	44.84 1.35 0.00	44.40 1.38 0.00	40.77 1.38 0.00	37.47 1.13 0.00	34.60 1.01 0.00	31.94 0.87 0.00
RUSSELL___1 23602	36.51 -0.78 0.00	28.14 -0.28 0.00	25.07 -0.51 0.00	24.24 -0.57 0.00	23.92 -0.46 0.00	24.24 -0.60 0.00	25.72 -0.61 0.00	24.51 -0.99 0.00	28.15 -0.81 0.00	29.71 -1.37 0.00	28.87 -0.92 0.00	27.58 -0.85 0.00	28.18 -0.96 0.00	28.83 -0.86 0.00	26.69 -0.80 0.00	25.81 -0.63 0.00	32.51 -1.07 0.00	37.13 -1.19 0.00	42.37 -1.13 0.00	42.03 -0.99 0.00	38.84 -0.55 0.00	35.65 -0.69 0.00	33.09 -0.50 0.00	30.60 -0.47 0.00
RUSSELL___2 23532	36.51 -0.78 0.00	28.14 -0.28 0.00	25.07 -0.51 0.00	24.24 -0.57 0.00	23.92 -0.46 0.00	24.24 -0.60 0.00	25.72 -0.61 0.00	24.51 -0.99 0.00	28.15 -0.81 0.00	29.71 -1.37 0.00	28.87 -0.92 0.00	27.58 -0.85 0.00	28.18 -0.96 0.00	28.83 -0.86 0.00	26.69 -0.80 0.00	25.81 -0.63 0.00	32.51 -1.07 0.00	37.13 -1.19 0.00	42.37 -1.13 0.00	42.03 -0.99 0.00	38.84 -0.55 0.00	35.65 -0.69 0.00	33.09 -0.50 0.00	30.60 -0.47 0.00
RUSSELL___3 23549	36.51 -0.78 0.00	28.14 -0.28 0.00	25.07 -0.51 0.00	24.24 -0.57 0.00	23.92 -0.46 0.00	24.24 -0.60 0.00	25.72 -0.61 0.00	24.51 -0.99 0.00	28.15 -0.81 0.00	29.71 -1.37 0.00	28.87 -0.92 0.00	27.58 -0.85 0.00	28.18 -0.96 0.00	28.83 -0.86 0.00	26.69 -0.80 0.00	25.81 -0.63 0.00	32.51 -1.07 0.00	37.13 -1.19 0.00	42.37 -1.13 0.00	42.03 -0.99 0.00	38.84 -0.55 0.00	35.65 -0.69 0.00	33.09 -0.50 0.00	30.60 -0.47 0.00
RUSSELL___4 23556	36.51 -0.78 0.00	28.14 -0.28 0.00	25.07 -0.51 0.00	24.24 -0.57 0.00	23.92 -0.46 0.00	24.24 -0.60 0.00	25.72 -0.61 0.00	24.51 -0.99 0.00	28.15 -0.81 0.00	29.71 -1.37 0.00	28.87 -0.92 0.00	27.58 -0.85 0.00	28.18 -0.96 0.00	28.83 -0.86 0.00	26.69 -0.80 0.00	25.81 -0.63 0.00	32.51 -1.07 0.00	37.13 -1.19 0.00	42.37 -1.13 0.00	42.03 -0.99 0.00	38.84 -0.55 0.00	35.65 -0.69 0.00	33.09 -0.50 0.00	30.60 -0.47 0.00
RUSSELL___STATION 23914	36.51 -0.78 0.00	28.14 -0.28 0.00	25.07 -0.51 0.00	24.24 -0.57 0.00	23.92 -0.46 0.00	24.24 -0.60 0.00	25.72 -0.61 0.00	24.51 -0.99 0.00	28.15 -0.81 0.00	29.71 -1.37 0.00	28.87 -0.92 0.00	27.58 -0.85 0.00	28.18 -0.96 0.00	28.83 -0.86 0.00	26.69 -0.80 0.00	25.81 -0.63 0.00	32.51 -1.07 0.00	37.13 -1.19 0.00	42.37 -1.13 0.00	42.03 -0.99 0.00	38.84 -0.55 0.00	35.65 -0.69 0.00	33.09 -0.50 0.00	30.60 -0.47 0.00
S SALMON___HYD 24043	36.92 -0.37 0.00	28.23 -0.20 0.00	25.40 -0.18 0.00	24.64 -0.17 0.00	24.27 -0.12 0.00	24.64 -0.20 0.00	26.06 -0.26 0.00	25.15 -0.36 0.00	28.55 -0.41 0.00	30.42 -0.65 0.00	29.20 -0.60 0.00	27.86 -0.57 0.00	28.50 -0.64 0.00	29.01 -0.68 0.00	26.85 -0.63 0.00	25.86 -0.58 0.00	32.81 -0.77 0.00	37.55 -0.77 0.00	42.93 -0.57 0.00	42.63 -0.39 0.00	39.20 -0.20 0.00	36.16 -0.18 0.00	33.43 -0.17 0.00	30.79 -0.28 0.00
S.PERRY__115KV_TB1 80734	37.51 0.22 0.00	28.91 0.48 0.00	25.71 0.13 0.00	24.86 0.05 0.00	24.53 0.15 0.00	24.86 0.02 0.00	26.32 0.00 0.00	24.92 -0.59 0.00	28.44 -0.52 0.00	29.71 -1.37 0.00	28.79 -1.01 0.00	27.44 -1.00 0.00	28.04 -1.11 0.00	28.62 -1.07 0.00	26.47 -1.02 0.00	25.57 -0.87 0.00	32.31 -1.28 0.00	37.16 -1.15 0.00	42.84 -0.65 0.00	42.93 -0.09 0.00	39.98 0.59 0.00	36.74 0.40 0.00	34.06 0.47 0.00	31.38 0.31 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.76 -1.53 0.00	27.63 -0.80 0.00	24.56 -1.02 0.00	23.77 -1.04 0.00	23.46 -0.93 0.00	23.84 -0.99 0.00	25.29 -1.03 0.00	23.87 -1.63 0.00	27.60 -1.36 0.00	28.77 -2.30 0.00	28.19 -1.61 0.00	26.95 -1.48 0.00	27.54 -1.60 0.00	28.21 -1.48 0.00	26.03 -1.46 0.00	25.15 -1.30 0.00	31.54 -2.05 0.00	36.01 -2.30 0.00	40.93 -2.57 0.00	40.61 -2.41 0.00	37.70 -1.69 0.00	34.71 -1.64 0.00	32.35 -1.24 0.00	30.10 -0.96 0.00

SAWYER___23_KV_LOAD 55526	35.76 -1.53 0.00	27.63 -0.80 0.00	24.56 -1.02 0.00	23.77 -1.04 0.00	23.46 -0.93 0.00	23.84 -0.99 0.00	25.29 -1.03 0.00	23.87 -1.63 0.00	27.60 -1.36 0.00	28.77 -2.30 0.00	28.19 -1.61 0.00	26.95 -1.48 0.00	27.54 -1.60 0.00	28.21 -1.48 0.00	26.03 -1.46 0.00	25.15 -1.30 0.00	31.54 -2.05 0.00	36.01 -2.30 0.00	40.93 -2.57 0.00	40.61 -2.41 0.00	37.70 -1.69 0.00	34.71 -1.64 0.00	32.35 -1.24 0.00	30.10 -0.96 0.00
SELKIRK___I 23801	37.96 0.67 0.00	29.13 0.71 0.00	26.22 0.64 0.00	25.43 0.62 0.00	25.02 0.63 0.00	25.41 0.57 0.00	26.98 0.66 0.00	26.17 0.66 0.00	29.65 0.69 0.00	31.69 0.62 0.00	30.30 0.51 0.00	28.89 0.45 0.00	29.61 0.46 0.00	30.16 0.47 0.00	28.16 0.52 -0.15	27.32 0.61 -0.26	34.33 0.67 -0.07	39.00 0.69 0.00	44.24 0.74 0.00	43.84 0.82 0.00	40.26 0.87 0.00	36.96 0.62 0.00	34.23 0.64 0.00	31.59 0.53 0.00
SELKIRK___II 23799	37.81 0.52 0.00	29.05 0.62 0.00	26.17 0.59 0.00	25.35 0.55 0.00	24.92 0.54 0.00	25.33 0.50 0.00	26.90 0.58 0.00	26.12 0.61 0.00	29.63 0.67 0.00	31.66 0.59 0.00	30.30 0.51 0.00	28.92 0.48 0.00	29.70 0.55 0.00	30.25 0.56 0.00	28.09 0.60 0.00	27.11 0.66 0.00	34.29 0.71 0.00	39.04 0.73 0.00	44.19 0.69 0.00	43.71 0.69 0.00	40.10 0.71 0.00	36.81 0.47 0.00	34.10 0.50 0.00	31.50 0.43 0.00
SENECA OSWGO___HYD 24041	36.32 -0.97 0.00	27.86 -0.57 0.00	25.07 -0.51 0.00	24.29 -0.52 0.00	23.90 -0.49 0.00	24.32 -0.52 0.00	25.77 -0.55 0.00	24.87 -0.64 0.00	28.26 -0.70 0.00	30.14 -0.93 0.00	28.91 -0.89 0.00	27.58 -0.85 0.00	28.24 -0.90 0.00	28.77 -0.92 0.00	26.63 -0.85 0.00	25.70 -0.74 0.00	32.54 -1.04 0.00	37.16 -1.15 0.00	42.32 -1.17 0.00	41.90 -1.12 0.00	38.49 -0.90 0.00	35.47 -0.87 0.00	32.76 -0.84 0.00	30.29 -0.78 0.00
SENECA___115KV_TB3 355854	36.21 -1.08 0.00	27.94 -0.48 0.00	24.84 -0.74 0.00	24.04 -0.77 0.00	23.73 -0.66 0.00	24.09 -0.75 0.00	25.58 -0.74 0.00	24.16 -1.35 0.00	27.92 -1.04 0.00	29.15 -1.93 0.00	28.55 -1.25 0.00	27.27 -1.17 0.00	27.86 -1.28 0.00	28.53 -1.16 0.00	26.36 -1.13 0.00	25.47 -0.98 0.00	31.97 -1.61 0.00	36.51 -1.80 0.00	41.54 -1.96 0.00	41.26 -1.76 0.00	38.29 -1.10 0.00	35.22 -1.13 0.00	32.79 -0.81 0.00	30.44 -0.62 0.00
SENECA___ENERGY 23797	36.69 -0.60 0.00	28.17 -0.26 0.00	25.25 -0.33 0.00	24.44 -0.37 0.00	24.07 -0.32 0.00	24.49 -0.35 0.00	25.98 -0.34 0.00	24.92 -0.59 0.00	28.44 -0.52 0.00	30.17 -0.90 0.00	29.05 -0.74 0.00	27.75 -0.68 0.00	28.36 -0.79 0.00	28.92 -0.77 0.00	26.80 -0.69 0.00	25.89 -0.56 0.00	32.75 -0.84 0.00	37.43 -0.88 0.00	42.67 -0.83 0.00	42.29 -0.73 0.00	39.04 -0.36 0.00	35.91 -0.43 0.00	33.19 -0.40 0.00	30.63 -0.43 0.00
SHOEMAKER___GT 23640	39.15 1.86 0.00	30.10 1.68 0.00	27.06 1.48 0.00	26.22 1.41 0.00	25.78 1.39 0.00	26.20 1.37 0.00	27.90 1.58 0.00	27.14 1.63 0.00	30.76 1.80 0.00	32.81 1.74 0.00	31.44 1.64 0.00	30.05 1.62 0.00	30.89 1.75 0.00	31.47 1.78 0.00	32.03 1.70 -2.84	33.09 1.74 -4.90	36.91 2.05 -1.28	40.65 2.34 0.00	46.02 2.52 0.00	45.38 2.36 0.00	41.68 2.28 0.00	38.16 1.82 0.00	35.31 1.71 0.00	32.65 1.58 0.00
SHOEMAKR_138KV_BK 111 55601	39.15 1.86 0.00	30.10 1.68 0.00	27.09 1.51 0.00	26.22 1.41 0.00	25.78 1.39 0.00	26.20 1.37 0.00	27.90 1.58 0.00	27.17 1.66 0.00	30.75 1.80 0.00	32.84 1.77 0.00	31.47 1.67 0.00	30.08 1.65 0.00	30.92 1.78 0.00	31.50 1.81 0.00	32.04 1.76 -2.80	33.04 1.77 -4.83	36.93 2.08 -1.26	40.69 2.38 0.00	46.02 2.52 0.00	45.43 2.41 0.00	41.68 2.28 0.00	38.16 1.82 0.00	35.31 1.71 0.00	32.65 1.58 0.00
SHOREHAM_IC_1 23715	41.56 3.66 -0.61	38.53 3.18 -6.92	37.62 2.84 -9.20	33.81 2.70 -6.29	35.25 2.68 -8.18	27.65 2.73 -0.08	41.99 3.05 -12.62	42.24 3.11 -13.62	44.63 3.50 -12.17	38.70 3.63 -3.99	34.88 3.10 -1.99	38.67 3.07 -7.17	44.63 3.26 -12.22	47.50 3.32 -14.49	48.91 3.08 -18.35	48.92 3.12 -19.36	52.01 3.73 -14.70	51.34 4.10 -8.92	51.08 4.39 -3.19	46.20 3.18 0.00	44.27 3.70 -1.17	45.52 3.09 -6.09	36.56 2.96 -0.01	34.71 2.83 -0.82
SHOREHAM_IC_2 23716	41.56 3.65 -0.61	38.53 3.18 -6.92	37.62 2.84 -9.20	33.81 2.70 -6.29	35.25 2.68 -8.18	27.65 2.73 -0.08	42.00 3.05 -12.62	42.24 3.11 -13.62	44.63 3.50 -12.17	38.70 3.64 -3.99	34.88 3.10 -1.99	38.67 3.07 -7.17	44.63 3.26 -12.22	47.50 3.33 -14.49	48.91 3.08 -18.35	48.92 3.12 -19.36	52.01 3.73 -14.70	51.37 4.14 -8.92	51.08 4.39 -3.19	46.20 3.18 0.00	44.27 3.70 -1.17	45.52 3.09 -6.09	36.56 2.96 -0.01	34.71 2.83 -0.82
SISSONVILLE___ 23735	37.44 0.15 0.00	28.08 -0.34 0.00	25.40 -0.18 0.00	24.69 -0.12 0.00	24.27 -0.12 0.00	24.74 -0.10 0.00	26.08 -0.24 0.00	25.35 -0.15 0.00	28.84 -0.12 0.00	31.17 0.09 0.00	30.04 0.24 0.00	28.63 0.20 0.00	29.26 0.12 0.00	29.75 0.06 0.00	27.35 -0.14 0.00	26.21 -0.24 0.00	33.62 0.03 0.00	38.43 0.11 0.00	43.84 0.35 0.00	43.45 0.43 0.00	39.59 0.20 0.00	36.82 0.47 0.00	33.96 0.37 0.00	31.38 0.31 0.00
SITHE_IND_GS1 24169	36.06 -1.23 0.00	27.66 -0.77 0.00	24.89 -0.69 0.00	24.14 -0.67 0.00	23.75 -0.63 0.00	24.17 -0.67 0.00	25.61 -0.71 0.00	24.74 -0.76 0.00	28.09 -0.87 0.00	29.96 -1.12 0.00	28.70 -1.10 0.00	27.38 -1.05 0.00	28.04 -1.11 0.00	28.59 -1.10 0.00	26.47 -1.02 0.00	25.52 -0.93 0.00	32.34 -1.24 0.00	36.90 -1.42 0.00	41.97 -1.52 0.00	41.51 -1.51 0.00	38.13 -1.26 0.00	35.14 -1.20 0.00	32.49 -1.11 0.00	30.07 -1.00 0.00
SITHE_IND_GS2 24170	36.06 -1.23 0.00	27.66 -0.77 0.00	24.89 -0.69 0.00	24.14 -0.67 0.00	23.75 -0.63 0.00	24.17 -0.67 0.00	25.61 -0.71 0.00	24.74 -0.76 0.00	28.09 -0.87 0.00	29.96 -1.12 0.00	28.70 -1.10 0.00	27.38 -1.05 0.00	28.04 -1.11 0.00	28.59 -1.10 0.00	26.47 -1.02 0.00	25.52 -0.93 0.00	32.34 -1.24 0.00	36.90 -1.42 0.00	41.97 -1.52 0.00	41.51 -1.51 0.00	38.13 -1.26 0.00	35.14 -1.20 0.00	32.49 -1.11 0.00	30.07 -1.00 0.00
SITHE_IND_GS3 24171	36.06 -1.23 0.00	27.66 -0.77 0.00	24.89 -0.69 0.00	24.14 -0.67 0.00	23.75 -0.63 0.00	24.17 -0.67 0.00	25.61 -0.71 0.00	24.74 -0.76 0.00	28.09 -0.87 0.00	29.96 -1.12 0.00	28.70 -1.10 0.00	27.38 -1.05 0.00	28.04 -1.11 0.00	28.59 -1.10 0.00	26.47 -1.02 0.00	25.52 -0.93 0.00	32.34 -1.24 0.00	36.90 -1.42 0.00	41.97 -1.52 0.00	41.51 -1.51 0.00	38.13 -1.26 0.00	35.14 -1.20 0.00	32.49 -1.11 0.00	30.07 -1.00 0.00
SITHE_IND_GS4 24172	36.06 -1.23 0.00	27.66 -0.77 0.00	24.89 -0.69 0.00	24.14 -0.67 0.00	23.75 -0.63 0.00	24.17 -0.67 0.00	25.61 -0.71 0.00	24.74 -0.76 0.00	28.09 -0.87 0.00	29.96 -1.12 0.00	28.70 -1.10 0.00	27.38 -1.05 0.00	28.04 -1.11 0.00	28.59 -1.10 0.00	26.47 -1.02 0.00	25.52 -0.93 0.00	32.34 -1.24 0.00	36.90 -1.42 0.00	41.97 -1.52 0.00	41.51 -1.51 0.00	38.13 -1.26 0.00	35.14 -1.20 0.00	32.49 -1.11 0.00	30.07 -1.00 0.00

SITHE___BATAVIA 24024	36.69 -0.60 0.00	28.40 -0.03 0.00	25.22 -0.36 0.00	24.39 -0.42 0.00	24.12 -0.27 0.00	24.39 -0.45 0.00	25.82 -0.50 0.00	24.36 -1.15 0.00	28.06 -0.90 0.00	29.33 -1.74 0.00	28.70 -1.10 0.00	27.38 -1.05 0.00	27.95 -1.20 0.00	28.62 -1.07 0.00	26.50 -0.99 0.00	25.65 -0.79 0.00	32.24 -1.34 0.00	36.90 -1.42 0.00	42.23 -1.26 0.00	41.99 -1.03 0.00	38.96 -0.43 0.00	35.72 -0.62 0.00	33.23 -0.37 0.00	30.82 -0.25 0.00
SITHE___INDEPEND 23800	36.06 -1.23 0.00	27.66 -0.77 0.00	24.89 -0.69 0.00	24.14 -0.67 0.00	23.75 -0.63 0.00	24.17 -0.67 0.00	25.61 -0.71 0.00	24.72 -0.79 0.00	28.09 -0.87 0.00	29.95 -1.12 0.00	28.70 -1.10 0.00	27.38 -1.05 0.00	28.04 -1.11 0.00	28.59 -1.10 0.00	26.47 -1.02 0.00	25.52 -0.93 0.00	32.34 -1.24 0.00	36.90 -1.42 0.00	41.97 -1.52 0.00	41.51 -1.51 0.00	38.13 -1.26 0.00	35.14 -1.20 0.00	32.49 -1.11 0.00	30.07 -0.99 0.00
SITHE___MASSENA 23902	37.66 0.37 0.00	28.31 -0.11 0.00	25.53 -0.05 0.00	24.78 -0.02 0.00	24.31 -0.07 0.00	24.81 -0.02 0.00	26.19 -0.13 0.00	25.46 -0.05 0.00	28.93 -0.03 0.00	31.29 0.22 0.00	30.16 0.36 0.00	28.75 0.31 0.00	29.41 0.26 0.00	29.93 0.24 0.00	27.54 0.06 0.00	26.39 -0.05 0.00	33.82 0.24 0.00	38.58 0.27 0.00	43.89 0.39 0.00	43.45 0.43 0.00	39.55 0.16 0.00	36.74 0.40 0.00	33.93 0.34 0.00	31.41 0.34 0.00
SITHE___OGDNSBRG 24021	38.04 0.75 0.00	28.51 0.09 0.00	25.73 0.15 0.00	25.03 0.22 0.00	24.58 0.20 0.00	25.09 0.25 0.00	26.40 0.08 0.00	25.61 0.10 0.00	29.07 0.12 0.00	31.41 0.34 0.00	30.28 0.48 0.00	28.86 0.43 0.00	29.49 0.35 0.00	30.02 0.33 0.00	27.59 0.11 0.00	26.45 0.00 0.00	33.92 0.34 0.00	38.81 0.50 0.00	44.32 0.83 0.00	44.05 1.03 0.00	40.14 0.75 0.00	37.32 0.98 0.00	34.43 0.84 0.00	31.78 0.71 0.00
SITHE___STERLING 23777	38.07 0.78 0.00	29.08 0.65 0.00	26.17 0.59 0.00	25.38 0.57 0.00	25.00 0.61 0.00	25.43 0.60 0.00	26.88 0.55 0.00	25.97 0.46 0.00	29.48 0.52 0.00	31.41 0.34 0.00	30.19 0.39 0.00	28.78 0.34 0.00	29.46 0.32 0.00	30.02 0.33 0.00	27.76 0.27 0.00	26.79 0.34 0.00	33.99 0.40 0.00	38.85 0.54 0.00	44.37 0.87 0.00	44.05 1.03 0.00	40.49 1.10 0.00	37.25 0.91 0.00	34.43 0.84 0.00	31.72 0.65 0.00
SLEIGHT__34_KV_TB1 80719	36.32 -0.97 0.00	27.91 -0.51 0.00	24.94 -0.64 0.00	24.14 -0.67 0.00	23.83 -0.56 0.00	24.19 -0.65 0.00	25.64 -0.68 0.00	24.56 -0.94 0.00	28.12 -0.84 0.00	29.77 -1.31 0.00	28.82 -0.98 0.00	27.49 -0.94 0.00	28.09 -1.05 0.00	28.68 -1.01 0.00	26.55 -0.93 0.00	25.65 -0.79 0.00	32.41 -1.18 0.00	37.01 -1.30 0.00	42.23 -1.26 0.00	41.82 -1.20 0.00	38.60 -0.79 0.00	35.47 -0.87 0.00	32.86 -0.74 0.00	30.35 -0.71 0.00
SMITHTWN_69_KV_BK 1 55830	41.99 3.77 -0.94	41.11 3.21 -9.47	42.68 2.87 -14.24	37.29 2.75 -9.73	39.75 2.71 -12.66	27.67 2.71 -0.12	48.90 3.05 -19.52	49.68 3.11 -21.06	51.29 3.50 -18.83	38.73 3.60 -4.05	35.18 3.31 -2.07	39.70 3.16 -8.11	49.01 3.38 -16.49	53.48 3.44 -20.34	55.18 3.22 -24.48	54.92 3.17 -25.30	59.28 3.80 -21.90	56.39 4.29 -13.79	53.04 4.61 -4.93	46.85 3.83 0.00	45.18 3.98 -1.81	49.02 3.27 -9.41	36.86 3.26 -0.01	34.99 3.11 -0.82
SOUTH CAIRO___GT 23612	38.89 1.60 0.00	29.87 1.45 0.00	26.81 1.23 0.00	25.95 1.14 0.00	25.53 1.15 0.00	25.98 1.14 0.00	27.53 1.21 0.00	26.68 1.17 0.00	30.18 1.22 0.00	32.10 1.03 0.00	30.72 0.92 0.00	29.20 0.77 0.00	29.96 0.82 0.00	30.49 0.80 0.00	29.16 0.96 -0.71	28.70 1.03 -1.23	35.22 1.31 -0.32	39.77 1.46 0.00	45.32 1.83 0.00	45.26 2.24 0.00	41.56 2.17 0.00	38.09 1.74 0.00	35.24 1.65 0.00	32.40 1.34 0.00
SOUTH HAMPTN___IC 23720	41.83 3.95 -0.58	38.56 3.41 -6.73	37.44 3.04 -8.82	33.74 2.90 -6.03	35.10 2.88 -7.84	27.85 2.93 -0.08	41.73 3.32 -12.09	41.95 3.39 -13.05	44.47 3.85 -11.66	39.13 4.07 -3.99	35.39 3.63 -1.96	39.13 3.61 -7.09	44.88 3.85 -11.89	47.65 3.92 -14.04	48.96 3.60 -17.88	48.95 3.60 -18.90	52.07 4.33 -14.15	51.69 4.83 -8.55	51.69 5.13 -3.06	46.98 3.96 0.00	44.77 4.26 -1.13	45.70 3.52 -5.84	36.96 3.36 -0.01	35.14 3.26 -0.81
SOUTHDOWN_115KV_TB1 355954	37.14 -0.15 0.00	28.59 0.17 0.00	25.45 -0.13 0.00	24.61 -0.20 0.00	24.31 -0.07 0.00	24.71 -0.12 0.00	26.22 -0.11 0.00	24.87 -0.64 0.00	28.84 -0.12 0.00	30.11 -0.96 0.00	29.44 -0.36 0.00	28.12 -0.31 0.00	28.71 -0.44 0.00	29.36 -0.33 0.00	27.10 -0.38 0.00	26.29 -0.16 0.00	32.98 -0.60 0.00	37.74 -0.57 0.00	43.02 -0.48 0.00	42.68 -0.34 0.00	39.59 0.20 0.00	36.42 0.07 0.00	33.76 0.17 0.00	31.10 0.03 0.00
SOUTHOLD_69_KV_BK 2 55809	42.05 4.18 -0.59	38.71 3.55 -6.73	37.58 3.17 -8.82	33.89 3.05 -6.03	35.28 3.05 -7.85	28.05 3.13 -0.08	42.03 3.61 -12.10	42.29 3.72 -13.06	44.88 4.26 -11.67	39.66 4.60 -3.99	35.96 4.20 -1.96	39.76 4.24 -7.09	45.55 4.52 -11.89	48.31 4.57 -14.04	49.58 4.21 -17.89	49.53 4.18 -18.91	52.72 4.97 -14.16	52.54 5.67 -8.56	52.43 5.87 -3.06	47.62 4.60 0.00	45.24 4.73 -1.13	46.07 3.89 -5.84	37.30 3.70 -0.01	35.52 3.63 -0.81
SOUTHOLD___IC 23719	42.05 4.18 -0.58	38.70 3.55 -6.73	37.58 3.17 -8.82	33.89 3.05 -6.03	35.28 3.05 -7.85	28.05 3.13 -0.08	42.03 3.61 -12.10	42.29 3.72 -13.06	44.89 4.26 -11.67	39.66 4.60 -3.99	35.96 4.20 -1.96	39.76 4.24 -7.09	45.55 4.52 -11.89	48.30 4.57 -14.04	49.58 4.21 -17.89	49.53 4.18 -18.91	52.72 4.97 -14.16	52.51 5.63 -8.56	52.43 5.87 -3.06	47.63 4.61 0.00	45.24 4.72 -1.13	46.07 3.89 -5.84	37.30 3.70 -0.01	35.51 3.63 -0.81
SOUTH_FORK_WT_PWR 323839	41.79 3.91 -0.58	38.50 3.35 -6.73	37.39 2.99 -8.82	33.74 2.90 -6.03	35.15 2.93 -7.84	27.95 3.03 -0.08	41.92 3.50 -12.09	42.23 3.67 -13.05	44.85 4.23 -11.66	39.66 4.60 -3.99	35.99 4.23 -1.96	39.84 4.32 -7.09	45.67 4.63 -11.89	48.39 4.66 -14.04	49.60 4.23 -17.88	49.53 4.18 -18.91	52.71 4.97 -14.16	52.46 5.59 -8.56	52.30 5.74 -3.06	47.41 4.39 0.00	44.97 4.45 -1.13	45.81 3.63 -5.84	37.10 3.49 -0.01	35.39 3.51 -0.81
SPIERFLS_115KV_TB 1 80737	40.05 2.76 0.00	30.50 2.07 0.00	27.29 1.71 0.00	26.45 1.64 0.00	26.05 1.66 0.00	26.48 1.64 0.00	28.11 1.79 0.00	27.34 1.84 0.00	31.07 2.11 0.00	33.22 2.14 0.00	31.59 1.79 0.00	30.08 1.65 0.00	30.78 1.63 0.00	31.35 1.66 0.00	29.30 1.65 -0.16	28.42 1.69 -0.28	36.08 2.42 -0.07	41.15 2.84 0.00	46.85 3.35 0.00	46.55 3.53 0.00	42.70 3.31 0.00	39.10 2.76 0.00	36.01 2.42 0.00	33.05 1.99 0.00
ST LAWRENCE____ 23600	37.18 -0.11 0.00	28.03 -0.40 0.00	25.25 -0.33 0.00	24.51 -0.30 0.00	24.07 -0.32 0.00	24.57 -0.27 0.00	25.95 -0.37 0.00	25.20 -0.30 0.00	28.64 -0.32 0.00	30.98 -0.09 0.00	29.77 -0.03 0.00	28.38 -0.06 0.00	29.06 -0.09 0.00	29.57 -0.12 0.00	27.29 -0.19 0.00	26.15 -0.29 0.00	33.42 -0.17 0.00	38.16 -0.15 0.00	43.32 -0.17 0.00	42.89 -0.13 0.00	39.08 -0.32 0.00	36.23 -0.11 0.00	33.46 -0.13 0.00	30.97 -0.09 0.00

STATE_CA_115KV_115_LB 55624	37.89 0.60 0.00	29.11 0.68 0.00	26.19 0.61 0.00	25.38 0.57 0.00	24.97 0.59 0.00	25.36 0.52 0.00	26.93 0.61 0.00	26.17 0.66 0.00	29.65 0.70 0.00	31.72 0.65 0.00	30.39 0.60 0.00	29.00 0.57 0.00	29.78 0.64 0.00	30.34 0.65 0.00	28.31 0.71 -0.11	27.43 0.79 -0.19	34.51 0.87 -0.05	39.16 0.84 0.00	44.32 0.83 0.00	43.84 0.82 0.00	40.22 0.83 0.00	36.89 0.55 0.00	34.17 0.57 0.00	31.53 0.47 0.00
STATE_ST_34_KV_LOAD 55959	36.99 -0.30 0.00	28.37 -0.06 0.00	25.45 -0.13 0.00	24.66 -0.15 0.00	24.29 -0.10 0.00	24.71 -0.12 0.00	26.19 -0.13 0.00	25.20 -0.31 0.00	28.73 -0.23 0.00	30.54 -0.53 0.00	29.35 -0.45 0.00	28.03 -0.40 0.00	28.68 -0.47 0.00	29.21 -0.48 0.00	27.07 -0.41 0.00	26.13 -0.32 0.00	33.12 -0.47 0.00	37.82 -0.50 0.00	43.10 -0.39 0.00	42.72 -0.30 0.00	39.35 -0.04 0.00	36.23 -0.11 0.00	33.46 -0.13 0.00	30.85 -0.22 0.00
STATION_5_MISC_HYD 23604	36.36 -0.93 0.00	28.00 -0.43 0.00	24.94 -0.64 0.00	24.14 -0.67 0.00	23.83 -0.56 0.00	24.17 -0.67 0.00	25.64 -0.68 0.00	24.44 -1.07 0.00	28.03 -0.93 0.00	29.55 -1.52 0.00	28.75 -1.04 0.00	27.44 -1.00 0.00	28.04 -1.11 0.00	28.68 -1.01 0.00	26.55 -0.93 0.00	25.65 -0.79 0.00	32.31 -1.28 0.00	36.90 -1.42 0.00	42.10 -1.39 0.00	41.73 -1.29 0.00	38.56 -0.83 0.00	35.44 -0.91 0.00	32.89 -0.71 0.00	30.45 -0.62 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.51 -0.78 0.00	28.08 -0.34 0.00	25.09 -0.49 0.00	24.29 -0.52 0.00	23.95 -0.44 0.00	24.32 -0.52 0.00	25.77 -0.55 0.00	24.67 -0.84 0.00	28.24 -0.72 0.00	29.86 -1.21 0.00	28.90 -0.89 0.00	27.58 -0.85 0.00	28.18 -0.96 0.00	28.80 -0.89 0.00	26.66 -0.82 0.00	25.76 -0.69 0.00	32.54 -1.04 0.00	37.16 -1.15 0.00	42.37 -1.13 0.00	42.03 -0.99 0.00	38.80 -0.59 0.00	35.69 -0.65 0.00	33.06 -0.54 0.00	30.54 -0.53 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.17 -1.12 0.00	27.86 -0.57 0.00	24.84 -0.74 0.00	24.04 -0.77 0.00	23.70 -0.68 0.00	24.04 -0.79 0.00	25.51 -0.82 0.00	24.36 -1.15 0.00	27.92 -1.04 0.00	29.49 -1.58 0.00	28.64 -1.16 0.00	27.35 -1.08 0.00	27.95 -1.19 0.00	28.56 -1.13 0.00	26.47 -1.02 0.00	25.57 -0.87 0.00	32.21 -1.38 0.00	36.78 -1.53 0.00	41.97 -1.52 0.00	41.60 -1.42 0.00	38.41 -0.98 0.00	35.29 -1.05 0.00	32.72 -0.87 0.00	30.29 -0.78 0.00
STA_56___34_KV_BUS2 355983	36.17 -1.12 0.00	27.86 -0.57 0.00	24.84 -0.74 0.00	24.04 -0.77 0.00	23.70 -0.68 0.00	24.04 -0.79 0.00	25.51 -0.82 0.00	24.36 -1.15 0.00	27.92 -1.04 0.00	29.49 -1.58 0.00	28.64 -1.16 0.00	27.35 -1.08 0.00	27.95 -1.19 0.00	28.56 -1.13 0.00	26.47 -1.02 0.00	25.57 -0.87 0.00	32.21 -1.38 0.00	36.78 -1.53 0.00	41.97 -1.52 0.00	41.60 -1.42 0.00	38.41 -0.98 0.00	35.29 -1.05 0.00	32.72 -0.87 0.00	30.29 -0.78 0.00
STA_67___115KV_BK2 355882	36.28 -1.01 0.00	27.94 -0.48 0.00	24.92 -0.67 0.00	24.11 -0.69 0.00	23.78 -0.61 0.00	24.12 -0.72 0.00	25.58 -0.74 0.00	24.38 -1.12 0.00	27.97 -0.98 0.00	29.52 -1.55 0.00	28.70 -1.10 0.00	27.38 -1.05 0.00	27.98 -1.17 0.00	28.62 -1.07 0.00	26.50 -0.99 0.00	25.60 -0.85 0.00	32.24 -1.34 0.00	36.82 -1.49 0.00	41.97 -1.52 0.00	41.64 -1.38 0.00	38.49 -0.91 0.00	35.33 -1.02 0.00	32.79 -0.81 0.00	30.38 -0.68 0.00
STA_7___115KV_9TRANS 80674	36.51 -0.78 0.00	28.14 -0.28 0.00	25.07 -0.51 0.00	24.24 -0.57 0.00	23.92 -0.46 0.00	24.24 -0.60 0.00	25.72 -0.61 0.00	24.51 -0.99 0.00	28.15 -0.81 0.00	29.71 -1.37 0.00	28.87 -0.92 0.00	27.58 -0.85 0.00	28.18 -0.96 0.00	28.83 -0.86 0.00	26.69 -0.80 0.00	25.81 -0.63 0.00	32.51 -1.07 0.00	37.13 -1.19 0.00	42.37 -1.13 0.00	42.03 -0.99 0.00	38.84 -0.55 0.00	35.65 -0.69 0.00	33.09 -0.50 0.00	30.60 -0.47 0.00
STA_82___115KV_TB1 80780	36.28 -1.01 0.00	27.94 -0.48 0.00	24.92 -0.67 0.00	24.11 -0.69 0.00	23.78 -0.61 0.00	24.12 -0.72 0.00	25.58 -0.74 0.00	24.41 -1.10 0.00	27.97 -0.98 0.00	29.52 -1.55 0.00	28.70 -1.10 0.00	27.38 -1.05 0.00	27.98 -1.17 0.00	28.62 -1.07 0.00	26.50 -0.99 0.00	25.60 -0.85 0.00	32.24 -1.34 0.00	36.82 -1.49 0.00	41.97 -1.52 0.00	41.64 -1.38 0.00	38.49 -0.91 0.00	35.36 -0.98 0.00	32.82 -0.77 0.00	30.38 -0.68 0.00
STEEL___WIND 323596	36.17 -1.12 0.00	27.91 -0.51 0.00	24.81 -0.77 0.00	24.01 -0.79 0.00	23.70 -0.68 0.00	24.09 -0.74 0.00	25.56 -0.76 0.00	24.15 -1.35 0.00	27.92 -1.04 0.00	29.12 -1.96 0.00	28.52 -1.28 0.00	27.24 -1.19 0.00	27.83 -1.31 0.00	28.50 -1.19 0.00	26.33 -1.15 0.00	25.44 -1.00 0.00	31.94 -1.64 0.00	36.47 -1.84 0.00	41.54 -1.96 0.00	41.21 -1.81 0.00	38.25 -1.14 0.00	35.18 -1.16 0.00	32.76 -0.84 0.00	30.41 -0.65 0.00
STEPHTWN_115KV_BK_2 55603	38.07 0.78 0.00	29.22 0.80 0.00	26.27 0.69 0.00	25.45 0.65 0.00	25.05 0.66 0.00	25.46 0.62 0.00	27.03 0.71 0.00	26.27 0.77 0.00	29.80 0.84 0.00	31.88 0.81 0.00	30.54 0.74 0.00	29.14 0.71 0.00	29.90 0.76 0.00	30.49 0.80 0.00	28.44 0.85 -0.11	27.55 0.93 -0.18	34.67 1.04 -0.05	39.39 1.07 0.00	44.58 1.09 0.00	44.10 1.08 0.00	40.46 1.06 0.00	37.11 0.76 0.00	34.37 0.77 0.00	31.69 0.62 0.00
STEBEN_REC_LFGE 323667	37.36 0.07 0.00	28.74 0.31 0.00	25.61 0.03 0.00	24.74 -0.07 0.00	24.39 0.00 0.00	24.79 -0.05 0.00	26.27 -0.05 0.00	24.87 -0.64 0.00	28.55 -0.41 0.00	29.86 -1.21 0.00	29.02 -0.77 0.00	27.64 -0.80 0.00	28.24 -0.90 0.00	28.83 -0.86 0.00	26.66 -0.82 0.00	25.76 -0.69 0.00	32.51 -1.07 0.00	37.28 -1.03 0.00	42.71 -0.78 0.00	42.59 -0.43 0.00	39.63 0.24 0.00	36.49 0.15 0.00	33.83 0.24 0.00	31.22 0.16 0.00
STILLWATER___SOLAR 323814	39.45 2.16 0.00	30.16 1.73 0.00	27.06 1.48 0.00	26.22 1.41 0.00	25.80 1.41 0.00	26.23 1.39 0.00	27.85 1.53 0.00	27.09 1.58 0.00	30.70 1.74 0.00	32.81 1.74 0.00	31.32 1.52 0.00	29.83 1.39 0.00	30.60 1.46 0.00	31.17 1.48 0.00	29.16 1.46 -0.22	28.33 1.51 -0.37	35.60 1.91 -0.10	40.53 2.22 0.00	46.06 2.57 0.00	45.69 2.67 0.00	41.95 2.56 0.00	38.45 2.11 0.00	35.47 1.88 0.00	32.68 1.61 0.00
STONY___BROOK 24151	41.76 3.73 -0.75	39.60 3.18 -7.99	39.72 2.84 -11.30	35.26 2.73 -7.73	37.12 2.68 -10.05	27.62 2.68 -0.10	44.85 3.03 -15.50	45.31 3.09 -16.72	47.38 3.47 -14.95	38.64 3.54 -4.02	35.12 3.28 -2.04	39.10 3.10 -7.57	46.47 3.32 -14.00	50.01 3.38 -16.93	51.52 3.13 -20.90	51.37 3.09 -21.84	54.98 3.69 -17.70	53.40 4.14 -10.95	51.90 4.48 -3.92	46.76 3.74 0.00	44.73 3.90 -1.44	47.01 3.20 -7.47	36.83 3.23 -0.01	34.96 3.08 -0.82
STURGEON_POOL_HYD 23609	39.90 2.61 0.00	30.70 2.27 0.00	27.63 2.05 0.00	26.74 1.94 0.00	26.29 1.90 0.00	26.73 1.89 0.00	28.48 2.16 0.00	27.78 2.27 0.00	31.42 2.46 0.00	33.56 2.49 0.00	32.15 2.35 0.00	30.74 2.30 0.00	31.65 2.51 0.00	32.21 2.52 0.00	32.54 2.47 -2.59	33.40 2.49 -4.47	37.74 2.99 -1.17	41.68 3.37 0.00	47.11 3.61 0.00	46.42 3.40 0.00	42.62 3.23 0.00	38.96 2.62 0.00	35.98 2.39 0.00	33.30 2.24 0.00

ST_LAW_115_BK7_LBMP 345037	37.18 -0.11 0.00	28.00 -0.43 0.00	25.22 -0.36 0.00	24.51 -0.30 0.00	24.05 -0.34 0.00	24.54 -0.30 0.00	25.93 -0.39 0.00	25.17 -0.33 0.00	28.61 -0.35 0.00	30.98 -0.09 0.00	29.77 -0.03 0.00	28.38 -0.06 0.00	29.06 -0.09 0.00	29.57 -0.12 0.00	27.29 -0.19 0.00	26.13 -0.32 0.00	33.42 -0.17 0.00	38.16 -0.15 0.00	43.32 -0.17 0.00	42.89 -0.13 0.00	39.04 -0.36 0.00	36.23 -0.11 0.00	33.46 -0.13 0.00	30.97 -0.09 0.00
ST_LAW_115_BK8_LBMP 345038	37.18 -0.11 0.00	28.00 -0.43 0.00	25.22 -0.36 0.00	24.51 -0.30 0.00	24.05 -0.34 0.00	24.54 -0.30 0.00	25.93 -0.39 0.00	25.17 -0.33 0.00	28.61 -0.35 0.00	30.98 -0.09 0.00	29.77 -0.03 0.00	28.38 -0.06 0.00	29.06 -0.09 0.00	29.57 -0.12 0.00	27.29 -0.19 0.00	26.13 -0.32 0.00	33.42 -0.17 0.00	38.16 -0.15 0.00	43.32 -0.17 0.00	42.89 -0.13 0.00	39.04 -0.36 0.00	36.23 -0.11 0.00	33.46 -0.13 0.00	30.97 -0.09 0.00
ST_LAW_230_BK5_LBMP 345035	37.18 -0.11 0.00	28.03 -0.40 0.00	25.25 -0.33 0.00	24.51 -0.30 0.00	24.07 -0.32 0.00	24.57 -0.27 0.00	25.95 -0.37 0.00	25.20 -0.30 0.00	28.64 -0.32 0.00	30.98 -0.09 0.00	29.77 -0.03 0.00	28.38 -0.06 0.00	29.06 -0.09 0.00	29.57 -0.12 0.00	27.29 -0.19 0.00	26.15 -0.29 0.00	33.42 -0.17 0.00	38.16 -0.15 0.00	43.32 -0.17 0.00	42.89 -0.13 0.00	39.08 -0.32 0.00	36.23 -0.11 0.00	33.46 -0.13 0.00	30.97 -0.09 0.00
ST_LAW_230_BK6_LBMP 345036	37.18 -0.11 0.00	28.03 -0.40 0.00	25.25 -0.33 0.00	24.51 -0.30 0.00	24.07 -0.32 0.00	24.57 -0.27 0.00	25.95 -0.37 0.00	25.20 -0.30 0.00	28.64 -0.32 0.00	30.98 -0.09 0.00	29.77 -0.03 0.00	28.38 -0.06 0.00	29.06 -0.09 0.00	29.57 -0.12 0.00	27.29 -0.19 0.00	26.15 -0.29 0.00	33.42 -0.17 0.00	38.16 -0.15 0.00	43.32 -0.17 0.00	42.89 -0.13 0.00	39.08 -0.32 0.00	36.23 -0.11 0.00	33.46 -0.13 0.00	30.97 -0.09 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	39.49 2.20 0.00	30.36 1.93 0.00	27.29 1.71 0.00	26.45 1.64 0.00	26.00 1.61 0.00	26.43 1.59 0.00	28.16 1.84 0.00	27.45 1.94 0.00	31.07 2.11 0.00	33.19 2.11 0.00	31.80 2.00 0.00	30.39 1.96 0.00	31.27 2.13 0.00	31.86 2.17 0.00	32.55 2.09 -2.98	33.71 2.12 -5.15	37.45 2.52 -1.34	41.15 2.84 0.00	46.50 3.00 0.00	45.82 2.80 0.00	42.07 2.68 0.00	38.49 2.14 0.00	35.58 1.98 0.00	32.93 1.86 0.00
SWANROAD_115KV_TB1 355699	35.13 -2.16 0.00	27.32 -1.11 0.00	24.33 -1.25 0.00	23.54 -1.27 0.00	23.24 -1.15 0.00	23.62 -1.22 0.00	24.98 -1.34 0.00	23.34 -2.17 0.00	26.99 -1.97 0.00	28.12 -2.95 0.00	27.59 -2.21 0.00	26.36 -2.08 0.00	26.93 -2.21 0.00	27.58 -2.11 0.00	25.45 -2.03 0.00	24.57 -1.88 0.00	30.80 -2.79 0.00	35.13 -3.18 0.00	39.97 -3.52 0.00	39.66 -3.36 0.00	36.87 -2.52 0.00	33.91 -2.43 0.00	31.65 -1.95 0.00	29.67 -1.40 0.00
SYNERGY___BIOGAS 323694	36.69 -0.60 0.00	28.40 -0.03 0.00	25.22 -0.36 0.00	24.39 -0.42 0.00	24.12 -0.27 0.00	24.39 -0.45 0.00	25.82 -0.50 0.00	24.36 -1.15 0.00	28.06 -0.90 0.00	29.33 -1.74 0.00	28.70 -1.10 0.00	27.38 -1.05 0.00	27.95 -1.19 0.00	28.62 -1.07 0.00	26.50 -0.99 0.00	25.65 -0.79 0.00	32.24 -1.34 0.00	36.90 -1.42 0.00	42.23 -1.26 0.00	41.99 -1.03 0.00	38.96 -0.43 0.00	35.73 -0.62 0.00	33.22 -0.37 0.00	30.82 -0.25 0.00
SYRACUSE___ENERGY_ST1 323597	36.88 -0.41 0.00	28.28 -0.14 0.00	25.45 -0.13 0.00	24.64 -0.17 0.00	24.27 -0.12 0.00	24.69 -0.15 0.00	26.16 -0.16 0.00	25.23 -0.28 0.00	28.70 -0.26 0.00	30.61 -0.47 0.00	29.35 -0.45 0.00	28.01 -0.43 0.00	28.68 -0.47 0.00	29.21 -0.48 0.00	27.07 -0.41 0.00	26.10 -0.34 0.00	33.08 -0.50 0.00	37.74 -0.57 0.00	42.97 -0.52 0.00	42.55 -0.47 0.00	39.12 -0.28 0.00	36.02 -0.33 0.00	33.29 -0.30 0.00	30.76 -0.31 0.00
SYRACUSE___ENERGY_ST2 323598	36.88 -0.41 0.00	28.28 -0.14 0.00	25.45 -0.13 0.00	24.64 -0.17 0.00	24.27 -0.12 0.00	24.69 -0.15 0.00	26.16 -0.16 0.00	25.23 -0.28 0.00	28.70 -0.26 0.00	30.61 -0.47 0.00	29.35 -0.45 0.00	28.01 -0.43 0.00	28.68 -0.47 0.00	29.21 -0.48 0.00	27.07 -0.41 0.00	26.10 -0.34 0.00	33.08 -0.50 0.00	37.74 -0.57 0.00	42.97 -0.52 0.00	42.55 -0.47 0.00	39.12 -0.28 0.00	36.02 -0.33 0.00	33.29 -0.30 0.00	30.76 -0.31 0.00
SYRACUSE___POWER 24017	36.95 -0.34 0.00	28.37 -0.06 0.00	25.50 -0.08 0.00	24.69 -0.12 0.00	24.29 -0.10 0.00	24.71 -0.12 0.00	26.22 -0.11 0.00	25.28 -0.23 0.00	28.76 -0.20 0.00	30.64 -0.44 0.00	29.41 -0.39 0.00	28.06 -0.37 0.00	28.74 -0.41 0.00	29.30 -0.39 0.00	27.13 -0.36 0.00	26.18 -0.26 0.00	33.18 -0.40 0.00	37.85 -0.46 0.00	43.10 -0.39 0.00	42.68 -0.34 0.00	39.27 -0.12 0.00	36.12 -0.22 0.00	33.39 -0.20 0.00	30.82 -0.25 0.00
TALLMAN_138KV_BK151 55660	39.83 2.54 0.00	30.61 2.19 0.00	27.52 1.94 0.00	26.67 1.86 0.00	26.22 1.83 0.00	26.63 1.79 0.00	28.40 2.08 0.00	27.70 2.19 0.00	31.39 2.43 0.00	33.53 2.45 0.00	32.09 2.29 0.00	30.74 2.30 0.00	31.62 2.48 0.00	32.21 2.52 0.00	33.05 2.42 -3.14	34.34 2.46 -5.43	37.92 2.92 -1.42	41.57 3.26 0.00	46.98 3.48 0.00	46.20 3.18 0.00	42.42 3.03 0.00	38.81 2.47 0.00	35.88 2.28 0.00	33.21 2.14 0.00
TEALLAVE_115KV_TB7 355573	36.88 -0.41 0.00	28.31 -0.11 0.00	25.45 -0.13 0.00	24.64 -0.17 0.00	24.27 -0.12 0.00	24.66 -0.17 0.00	26.16 -0.16 0.00	25.23 -0.28 0.00	28.70 -0.26 0.00	30.58 -0.50 0.00	29.35 -0.45 0.00	28.01 -0.43 0.00	28.68 -0.47 0.00	29.24 -0.45 0.00	27.07 -0.41 0.00	26.13 -0.32 0.00	33.08 -0.50 0.00	37.78 -0.54 0.00	43.02 -0.48 0.00	42.55 -0.47 0.00	39.16 -0.24 0.00	36.05 -0.29 0.00	33.29 -0.30 0.00	30.76 -0.31 0.00
TELGRAPH_34_KV_EAST 80808	35.95 -1.34 0.00	27.88 -0.54 0.00	24.79 -0.79 0.00	23.99 -0.82 0.00	23.68 -0.71 0.00	24.02 -0.82 0.00	25.43 -0.89 0.00	23.90 -1.61 0.00	27.60 -1.36 0.00	28.80 -2.27 0.00	28.25 -1.55 0.00	26.95 -1.48 0.00	27.54 -1.60 0.00	28.21 -1.48 0.00	26.06 -1.43 0.00	25.20 -1.24 0.00	31.60 -1.98 0.00	36.13 -2.18 0.00	41.19 -2.31 0.00	40.91 -2.11 0.00	37.97 -1.42 0.00	34.89 -1.45 0.00	32.49 -1.11 0.00	30.26 -0.81 0.00
TEMPLE___115KV_TB 2 55572	36.92 -0.37 0.00	28.31 -0.11 0.00	25.45 -0.13 0.00	24.66 -0.15 0.00	24.27 -0.12 0.00	24.69 -0.15 0.00	26.19 -0.13 0.00	25.25 -0.26 0.00	28.73 -0.23 0.00	30.61 -0.47 0.00	29.38 -0.42 0.00	28.03 -0.40 0.00	28.71 -0.44 0.00	29.24 -0.45 0.00	27.10 -0.38 0.00	26.15 -0.29 0.00	33.12 -0.47 0.00	37.78 -0.54 0.00	43.02 -0.48 0.00	42.59 -0.43 0.00	39.16 -0.24 0.00	36.05 -0.29 0.00	33.33 -0.27 0.00	30.76 -0.31 0.00
TIANA___69_KV_BK 1 55817	41.79 3.92 -0.59	38.53 3.38 -6.73	37.40 2.99 -8.82	33.72 2.88 -6.03	35.06 2.83 -7.84	27.80 2.88 -0.08	41.66 3.24 -12.10	41.88 3.32 -13.06	44.39 3.76 -11.67	39.01 3.95 -3.99	35.28 3.52 -1.96	38.99 3.47 -7.09	44.71 3.67 -11.89	47.50 3.77 -14.04	48.83 3.46 -17.88	48.84 3.49 -18.91	51.91 4.16 -14.16	51.55 4.67 -8.56	51.56 5.00 -3.06	46.85 3.83 0.00	44.69 4.18 -1.13	45.63 3.45 -5.84	36.93 3.33 -0.01	35.05 3.17 -0.81

TILDEN___115KV_TB1 80814	36.95 -0.34 0.00	28.37 -0.06 0.00	25.50 -0.08 0.00	24.69 -0.12 0.00	24.29 -0.10 0.00	24.71 -0.12 0.00	26.22 -0.11 0.00	25.28 -0.23 0.00	28.76 -0.20 0.00	30.64 -0.44 0.00	29.41 -0.39 0.00	28.06 -0.37 0.00	28.74 -0.41 0.00	29.30 -0.39 0.00	27.13 -0.36 0.00	26.18 -0.26 0.00	33.18 -0.40 0.00	37.85 -0.46 0.00	43.10 -0.39 0.00	42.68 -0.34 0.00	39.27 -0.12 0.00	36.12 -0.22 0.00	33.39 -0.20 0.00	30.82 -0.25 0.00
TRIGEN___CC 323695	40.37 3.06 -0.02	35.12 2.62 -4.08	28.04 2.35 -0.10	27.12 2.23 -0.08	26.68 2.19 -0.10	27.07 2.21 -0.02	28.96 2.50 -0.14	28.28 2.60 -0.17	31.99 2.90 -0.13	40.92 2.92 -6.92	48.08 2.77 -15.51	40.73 2.62 -9.68	39.82 2.77 -7.91	39.34 2.85 -6.80	40.22 2.67 -10.07	39.72 2.70 -10.57	38.33 3.22 -1.52	42.05 3.72 -0.02	47.45 3.96 0.00	46.38 3.36 0.00	42.78 3.39 0.00	39.10 2.76 0.00	36.20 2.59 -0.02	35.02 2.52 -1.44
TRINITY___115KV___4 BK 55933	37.70 0.41 0.00	28.99 0.57 0.00	26.12 0.54 0.00	25.31 0.50 0.00	24.87 0.49 0.00	25.29 0.45 0.00	26.85 0.53 0.00	26.09 0.59 0.00	29.57 0.61 0.00	31.63 0.56 0.00	30.28 0.48 0.00	28.89 0.45 0.00	29.67 0.52 0.00	30.22 0.53 0.00	28.16 0.58 -0.10	27.27 0.66 -0.17	34.33 0.71 -0.04	38.96 0.65 0.00	44.11 0.61 0.00	43.62 0.60 0.00	40.02 0.63 0.00	36.74 0.40 0.00	34.03 0.44 0.00	31.41 0.34 0.00
UNION___PROCESSING_DRP 323587	36.28 -1.01 0.00	27.94 -0.48 0.00	24.92 -0.67 0.00	24.11 -0.69 0.00	23.78 -0.61 0.00	24.12 -0.72 0.00	25.58 -0.74 0.00	24.41 -1.10 0.00	27.97 -0.98 0.00	29.52 -1.55 0.00	28.70 -1.10 0.00	27.41 -1.02 0.00	28.01 -1.14 0.00	28.62 -1.07 0.00	26.50 -0.99 0.00	25.60 -0.85 0.00	32.24 -1.34 0.00	36.82 -1.49 0.00	42.02 -1.48 0.00	41.64 -1.38 0.00	38.49 -0.91 0.00	35.36 -0.98 0.00	32.82 -0.77 0.00	30.38 -0.68 0.00
UPPER HUDSON___HYD 24058	40.05 2.76 0.00	30.50 2.07 0.00	27.29 1.71 0.00	26.45 1.64 0.00	26.05 1.66 0.00	26.48 1.64 0.00	28.11 1.79 0.00	27.34 1.84 0.00	31.07 2.11 0.00	33.21 2.14 0.00	31.56 1.76 0.00	30.08 1.65 0.00	30.77 1.63 0.00	31.35 1.66 0.00	29.30 1.65 -0.16	28.42 1.69 -0.28	36.08 2.42 -0.07	41.15 2.84 0.00	46.85 3.35 0.00	46.55 3.53 0.00	42.70 3.31 0.00	39.10 2.76 0.00	36.01 2.42 0.00	33.06 1.99 0.00
UPPER RAQUET___HYD 24056	37.44 0.15 0.00	28.08 -0.34 0.00	25.40 -0.18 0.00	24.69 -0.12 0.00	24.27 -0.12 0.00	24.74 -0.10 0.00	26.08 -0.24 0.00	25.36 -0.15 0.00	28.84 -0.12 0.00	31.17 0.09 0.00	30.04 0.24 0.00	28.63 0.20 0.00	29.26 0.12 0.00	29.75 0.06 0.00	27.35 -0.14 0.00	26.21 -0.24 0.00	33.62 0.03 0.00	38.43 0.12 0.00	43.84 0.35 0.00	43.45 0.43 0.00	39.59 0.20 0.00	36.81 0.47 0.00	33.96 0.37 0.00	31.38 0.31 0.00
VALLEY44_115KV_TB2 355964	36.32 -0.97 0.00	27.97 -0.45 0.00	24.92 -0.67 0.00	24.11 -0.69 0.00	23.78 -0.61 0.00	24.19 -0.65 0.00	25.66 -0.66 0.00	24.41 -1.10 0.00	28.15 -0.81 0.00	29.46 -1.62 0.00	28.73 -1.07 0.00	27.44 -1.00 0.00	28.04 -1.11 0.00	28.65 -1.04 0.00	26.50 -0.99 0.00	25.63 -0.82 0.00	32.21 -1.38 0.00	36.86 -1.46 0.00	42.02 -1.48 0.00	41.69 -1.33 0.00	38.64 -0.75 0.00	35.54 -0.80 0.00	32.99 -0.60 0.00	30.48 -0.59 0.00
VALLEY___115KV_TB 1-4 80826	38.00 0.71 0.00	28.99 0.57 0.00	26.09 0.51 0.00	25.31 0.50 0.00	24.90 0.51 0.00	25.33 0.50 0.00	26.82 0.50 0.00	25.97 0.46 0.00	29.48 0.52 0.00	31.57 0.50 0.00	30.28 0.48 0.00	28.89 0.45 0.00	29.58 0.44 0.00	30.08 0.39 0.00	27.81 0.33 0.00	26.79 0.34 0.00	33.92 0.34 0.00	38.70 0.38 0.00	43.97 0.48 0.00	43.58 0.56 0.00	39.98 0.59 0.00	36.92 0.58 0.00	34.17 0.57 0.00	31.59 0.53 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.74 1.45 0.00	29.62 1.19 0.00	26.66 1.07 0.00	25.85 1.04 0.00	25.46 1.07 0.00	25.91 1.07 0.00	27.45 1.13 0.00	26.58 1.07 0.00	30.20 1.25 0.00	32.19 1.12 0.00	30.93 1.13 0.00	29.51 1.08 0.00	30.22 1.08 0.00	30.79 1.10 0.00	28.64 1.02 -0.14	27.78 1.08 -0.25	34.96 1.31 -0.06	39.85 1.53 0.00	45.32 1.83 0.00	44.91 1.89 0.00	41.28 1.89 0.00	37.91 1.56 0.00	35.04 1.44 0.00	32.28 1.21 0.00
VISCHER___FERRY HYD 24020	38.86 1.57 0.00	29.82 1.39 0.00	26.81 1.23 0.00	26.00 1.19 0.00	25.56 1.17 0.00	25.98 1.14 0.00	27.61 1.29 0.00	26.88 1.38 0.00	30.44 1.48 0.00	32.53 1.46 0.00	31.11 1.31 0.00	29.63 1.19 0.00	30.42 1.28 0.00	31.03 1.34 0.00	29.12 1.29 -0.34	28.38 1.35 -0.58	35.32 1.58 -0.15	40.11 1.80 0.00	45.50 2.00 0.00	44.96 1.94 0.00	41.28 1.89 0.00	37.87 1.53 0.00	34.94 1.35 0.00	32.31 1.24 0.00
V_A_10_SYNC_DSASP 323832	35.57 -1.72 0.00	27.46 -0.97 0.00	24.43 -1.15 0.00	23.67 -1.14 0.00	23.34 -1.05 0.00	23.72 -1.12 0.00	25.16 -1.16 0.00	23.82 -1.68 0.00	27.45 -1.51 0.00	28.74 -2.33 0.00	28.10 -1.70 0.00	26.81 -1.62 0.00	27.42 -1.72 0.00	28.06 -1.63 0.00	25.92 -1.57 0.00	25.02 -1.43 0.00	31.40 -2.18 0.00	35.86 -2.45 0.00	40.80 -2.70 0.00	40.44 -2.58 0.00	37.50 -1.89 0.00	34.49 -1.85 0.00	32.08 -1.51 0.00	29.89 -1.18 0.00
V_CMM_10_SYNC_DSASP 323787	37.33 0.04 0.00	28.11 -0.31 0.00	25.33 -0.26 0.00	24.61 -0.20 0.00	24.14 -0.24 0.00	24.64 -0.20 0.00	26.03 -0.29 0.00	25.28 -0.23 0.00	28.73 -0.23 0.00	31.10 0.03 0.00	29.89 0.09 0.00	28.49 0.06 0.00	29.17 0.03 0.00	29.69 0.00 0.00	27.40 -0.08 0.00	26.23 -0.21 0.00	33.55 -0.03 0.00	38.27 -0.04 0.00	43.50 0.00 0.00	43.06 0.04 0.00	39.20 -0.20 0.00	36.38 0.04 0.00	33.59 0.00 0.00	31.10 0.03 0.00
V_CMP_10_SYNC_DSASP 323788	38.18 0.89 0.00	28.79 0.37 0.00	25.91 0.33 0.00	25.16 0.35 0.00	24.66 0.27 0.00	25.14 0.30 0.00	26.56 0.24 0.00	25.81 0.31 0.00	29.39 0.44 0.00	31.76 0.68 0.00	30.54 0.75 0.00	29.11 0.68 0.00	29.76 0.61 0.00	30.22 0.53 0.00	27.84 0.36 0.00	26.66 0.21 0.00	34.06 0.47 0.00	38.92 0.61 0.00	44.37 0.87 0.00	44.05 1.03 0.00	40.14 0.75 0.00	37.18 0.84 0.00	34.30 0.71 0.00	31.75 0.68 0.00
V_D_10_SYNC_DSASP 323841	37.66 0.37 0.00	28.31 -0.11 0.00	25.53 -0.05 0.00	24.78 -0.02 0.00	24.31 -0.07 0.00	24.81 -0.02 0.00	26.22 -0.10 0.00	25.46 -0.05 0.00	28.96 0.00 0.00	31.29 0.22 0.00	30.16 0.36 0.00	28.75 0.31 0.00	29.41 0.26 0.00	29.93 0.24 0.00	27.54 0.06 0.00	26.39 -0.05 0.00	33.82 0.24 0.00	38.58 0.27 0.00	43.89 0.39 0.00	43.41 0.39 0.00	39.55 0.16 0.00	36.74 0.40 0.00	33.93 0.34 0.00	31.41 0.34 0.00
V_E_10_SYNC_DSASP 323830	39.68 2.39 0.00	30.27 1.85 0.00	27.22 1.64 0.00	26.42 1.61 0.00	26.07 1.68 0.00	26.53 1.69 0.00	27.93 1.61 0.00	26.83 1.33 0.00	30.49 1.53 0.00	32.10 1.02 0.00	30.93 1.13 0.00	29.45 1.02 0.00	30.08 0.93 0.00	30.61 0.92 0.00	28.33 0.74 -0.10	27.51 0.90 -0.17	34.70 1.07 -0.04	39.81 1.49 0.00	45.93 2.43 0.00	45.95 2.93 0.00	42.31 2.91 0.00	38.89 2.54 0.00	35.95 2.35 0.00	32.96 1.90 0.00

V_F_30_NSYNC___DSASP 323816	39.49 2.20 0.00	30.16 1.73 0.00	27.06 1.48 0.00	26.22 1.41 0.00	25.80 1.41 0.00	26.23 1.39 0.00	27.87 1.55 0.00	27.09 1.58 0.00	30.73 1.77 0.00	32.84 1.77 0.00	31.38 1.58 0.00	29.88 1.45 0.00	30.63 1.49 0.00	31.23 1.54 0.00	29.16 1.48 -0.19	28.31 1.53 -0.33	35.65 1.98 -0.09	40.61 2.30 0.00	46.11 2.61 0.00	45.73 2.71 0.00	41.95 2.56 0.00	38.49 2.14 0.00	35.51 1.91 0.00	32.68 1.61 0.00
V_F_30_SYNC_DSASP 323786	37.89 0.60 0.00	29.11 0.68 0.00	26.19 0.61 0.00	25.38 0.57 0.00	24.97 0.59 0.00	25.36 0.52 0.00	26.93 0.61 0.00	26.17 0.66 0.00	29.65 0.70 0.00	31.72 0.65 0.00	30.39 0.60 0.00	29.00 0.57 0.00	29.78 0.64 0.00	30.34 0.65 0.00	28.31 0.71 -0.11	27.43 0.79 -0.19	34.51 0.87 -0.05	39.16 0.84 0.00	44.32 0.83 0.00	43.84 0.82 0.00	40.22 0.83 0.00	36.89 0.55 0.00	34.17 0.57 0.00	31.53 0.47 0.00
V_XM_10_SYNC_DSASP 323789	38.18 0.89 0.00	28.79 0.37 0.00	25.91 0.33 0.00	25.16 0.35 0.00	24.66 0.27 0.00	25.14 0.30 0.00	26.56 0.24 0.00	25.81 0.31 0.00	29.39 0.44 0.00	31.76 0.68 0.00	30.54 0.75 0.00	29.11 0.68 0.00	29.76 0.61 0.00	30.22 0.53 0.00	27.84 0.36 0.00	26.66 0.21 0.00	34.06 0.47 0.00	38.92 0.61 0.00	44.37 0.87 0.00	44.05 1.03 0.00	40.14 0.75 0.00	37.18 0.84 0.00	34.30 0.71 0.00	31.75 0.68 0.00
W.BABYLN_69_KV_BK1 56697	41.10 3.73 -0.08	34.77 3.18 -3.16	29.71 2.84 -1.28	28.39 2.70 -0.88	28.19 2.66 -1.14	27.51 2.66 -0.02	31.08 3.00 -1.76	30.50 3.09 -1.91	34.10 3.45 -1.70	38.91 3.51 -4.33	37.32 3.31 -4.22	37.77 3.10 -6.24	38.39 3.32 -5.92	38.68 3.38 -5.61	39.49 3.16 -8.84	39.65 3.17 -10.03	40.43 3.80 -3.04	43.69 4.33 -1.05	48.56 4.70 -0.37	47.02 4.00 0.00	43.55 4.02 -0.14	40.36 3.31 -0.71	36.93 3.33 -0.01	35.17 3.20 -0.90
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.94 2.65 0.00	30.70 2.27 0.00	27.60 2.02 0.00	26.74 1.94 0.00	26.29 1.90 0.00	26.70 1.86 0.00	28.48 2.16 0.00	27.78 2.27 0.00	31.48 2.52 0.00	33.62 2.55 0.00	32.18 2.38 0.00	30.82 2.39 0.00	31.71 2.56 0.00	32.30 2.61 0.00	33.17 2.50 -3.18	34.46 2.51 -5.50	38.04 3.02 -1.44	41.68 3.37 0.00	47.11 3.61 0.00	46.38 3.36 0.00	42.58 3.19 0.00	38.92 2.58 0.00	35.98 2.39 0.00	33.30 2.24 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.16 2.87 0.00	30.90 2.47 0.00	27.78 2.20 0.00	26.89 2.08 0.00	26.44 2.05 0.00	26.85 2.01 0.00	28.69 2.37 0.00	28.01 2.50 0.00	31.71 2.75 0.00	33.87 2.80 0.00	32.39 2.59 0.00	31.08 2.64 0.00	32.00 2.86 0.00	32.60 2.91 0.00	33.59 2.78 -3.33	35.03 2.83 -5.76	38.45 3.36 -1.50	42.11 3.79 0.00	47.45 3.96 0.00	46.59 3.57 0.00	42.78 3.39 0.00	39.10 2.76 0.00	36.15 2.55 0.00	33.49 2.42 0.00
W50THST__13_KV_LOAD 356117	40.31 3.02 0.00	31.01 2.59 0.00	27.88 2.30 0.00	26.99 2.18 0.00	26.53 2.15 0.00	26.95 2.11 0.00	28.80 2.47 0.00	28.13 2.63 0.00	31.86 2.90 0.00	34.02 2.95 0.00	32.54 2.74 0.00	31.22 2.79 0.00	32.15 3.00 0.00	32.78 3.09 0.00	33.73 2.91 -3.33	35.16 2.96 -5.76	38.61 3.53 -1.50	42.30 3.98 0.00	47.67 4.18 0.00	46.81 3.79 0.00	42.98 3.58 0.00	39.29 2.94 0.00	36.28 2.69 0.00	33.64 2.58 0.00
WADING RIVER_IC_1 23522	41.49 3.62 -0.58	38.32 3.18 -6.71	37.21 2.84 -8.79	33.53 2.70 -6.01	34.87 2.66 -7.82	27.65 2.73 -0.08	41.43 3.05 -12.06	41.63 3.11 -13.01	44.09 3.50 -11.63	38.72 3.66 -3.98	34.85 3.10 -1.95	38.59 3.07 -7.08	44.28 3.26 -11.87	47.05 3.35 -14.01	48.41 3.08 -17.85	48.44 3.12 -18.88	51.44 3.73 -14.12	50.91 4.06 -8.53	50.90 4.35 -3.05	46.16 3.14 0.00	44.18 3.66 -1.12	45.22 3.05 -5.82	36.49 2.89 -0.01	34.68 2.80 -0.81
WADING RIVER_IC_2 23547	41.49 3.62 -0.58	38.32 3.18 -6.71	37.21 2.84 -8.79	33.53 2.70 -6.01	34.87 2.66 -7.82	27.65 2.73 -0.08	41.43 3.05 -12.06	41.63 3.11 -13.01	44.09 3.50 -11.63	38.72 3.66 -3.98	34.85 3.10 -1.95	38.59 3.07 -7.08	44.28 3.26 -11.87	47.05 3.35 -14.01	48.41 3.08 -17.85	48.44 3.12 -18.88	51.44 3.73 -14.12	50.91 4.06 -8.53	50.90 4.35 -3.05	46.16 3.14 0.00	44.18 3.66 -1.12	45.22 3.05 -5.82	36.49 2.89 -0.01	34.68 2.80 -0.81
WADING RIVER_IC_3 23601	41.49 3.62 -0.58	38.32 3.18 -6.71	37.21 2.84 -8.79	33.53 2.70 -6.01	34.87 2.66 -7.82	27.65 2.73 -0.08	41.43 3.05 -12.06	41.63 3.11 -13.01	44.09 3.50 -11.63	38.72 3.66 -3.98	34.85 3.10 -1.95	38.59 3.07 -7.08	44.28 3.26 -11.87	47.05 3.35 -14.01	48.41 3.08 -17.85	48.44 3.12 -18.88	51.44 3.73 -14.12	50.91 4.06 -8.53	50.90 4.35 -3.05	46.16 3.14 0.00	44.18 3.66 -1.12	45.22 3.05 -5.82	36.49 2.89 -0.01	34.68 2.80 -0.81
WALDENNY_12_KV_BK2 80841	36.13 -1.16 0.00	27.91 -0.51 0.00	24.84 -0.74 0.00	24.02 -0.79 0.00	23.73 -0.66 0.00	24.09 -0.75 0.00	25.56 -0.76 0.00	24.10 -1.40 0.00	27.89 -1.07 0.00	29.11 -1.96 0.00	28.49 -1.31 0.00	27.24 -1.19 0.00	27.83 -1.31 0.00	28.50 -1.19 0.00	26.33 -1.15 0.00	25.44 -1.00 0.00	31.91 -1.68 0.00	36.47 -1.84 0.00	41.50 -2.00 0.00	41.17 -1.85 0.00	38.21 -1.18 0.00	35.18 -1.16 0.00	32.72 -0.87 0.00	30.38 -0.68 0.00
WALDEN___HYDRO 24148	39.64 2.35 0.00	30.50 2.07 0.00	27.45 1.87 0.00	26.57 1.76 0.00	26.12 1.73 0.00	26.55 1.71 0.00	28.30 1.97 0.00	27.57 2.07 0.00	31.22 2.26 0.00	33.31 2.24 0.00	31.91 2.12 0.00	30.51 2.08 0.00	31.39 2.24 0.00	31.98 2.29 0.00	32.76 2.20 -3.08	33.98 2.22 -5.32	37.63 2.65 -1.39	41.34 3.03 0.00	46.76 3.26 0.00	46.12 3.10 0.00	42.31 2.91 0.00	38.71 2.36 0.00	35.78 2.18 0.00	33.09 2.02 0.00
WARRENSBURG____ 23737	40.05 2.76 0.00	30.50 2.07 0.00	27.29 1.71 0.00	26.45 1.64 0.00	26.05 1.66 0.00	26.48 1.64 0.00	28.11 1.79 0.00	27.34 1.84 0.00	31.07 2.11 0.00	33.22 2.14 0.00	31.59 1.79 0.00	30.08 1.65 0.00	30.78 1.63 0.00	31.35 1.66 0.00	29.30 1.65 -0.16	28.42 1.69 -0.28	36.08 2.42 -0.07	41.15 2.84 0.00	46.85 3.35 0.00	46.55 3.53 0.00	42.70 3.31 0.00	39.10 2.76 0.00	36.01 2.42 0.00	33.05 1.99 0.00
WATERSIDE___6 8 9 23538	40.27 2.98 0.00	31.02 2.59 -0.01	27.89 2.30 -0.01	27.00 2.18 -0.01	26.54 2.15 -0.01	26.96 2.11 -0.01	28.74 2.42 0.00	28.06 2.55 0.00	31.71 2.75 0.00	33.84 2.77 0.00	32.39 2.59 0.00	31.08 2.64 0.00	32.00 2.86 0.00	32.63 2.94 0.00	33.59 2.78 -3.33	35.01 2.80 -5.76	38.45 3.36 -1.50	42.10 3.79 0.00	47.37 3.87 0.00	46.55 3.53 0.00	42.74 3.35 0.00	39.18 2.83 0.00	36.21 2.62 0.00	33.62 2.55 -0.01
WATKINRD_115KV_LN8_ILLION 55919	37.81 0.52 0.00	28.85 0.43 0.00	25.96 0.38 0.00	25.18 0.37 0.00	24.78 0.39 0.00	25.21 0.37 0.00	26.72 0.39 0.00	25.86 0.36 0.00	29.36 0.41 0.00	31.45 0.37 0.00	30.16 0.36 0.00	28.75 0.31 0.00	29.46 0.32 0.00	29.99 0.30 0.00	27.76 0.27 0.00	26.71 0.26 0.00	33.85 0.27 0.00	38.62 0.31 0.00	43.89 0.39 0.00	43.45 0.43 0.00	39.86 0.47 0.00	36.78 0.44 0.00	34.03 0.44 0.00	31.44 0.37 0.00

WDELAWARE___HYD 323627	39.68 2.39 0.00	30.50 2.07 0.00	27.42 1.84 0.00	26.55 1.74 0.00	26.09 1.71 0.00	26.55 1.71 0.00	28.24 1.92 0.00	27.44 1.94 0.00	31.10 2.14 0.00	33.15 2.08 0.00	31.83 2.03 0.00	30.37 1.93 0.00	31.21 2.07 0.00	31.80 2.11 0.00	31.92 2.03 -2.40	32.66 2.06 -4.15	37.19 2.52 -1.08	41.22 2.91 0.00	46.76 3.26 0.00	46.25 3.23 0.00	42.43 3.03 0.00	38.85 2.51 0.00	35.91 2.32 0.00	33.18 2.11 0.00
WEST BABYLON___IC 23714	41.10 3.73 -0.08	34.77 3.18 -3.16	29.71 2.84 -1.28	28.39 2.70 -0.88	28.19 2.66 -1.14	27.51 2.66 -0.02	31.08 3.00 -1.76	30.50 3.09 -1.91	34.10 3.45 -1.70	38.91 3.51 -4.33	37.32 3.31 -4.22	37.77 3.10 -6.24	38.39 3.32 -5.92	38.68 3.38 -5.61	39.49 3.16 -8.84	39.65 3.17 -10.03	40.43 3.80 -3.04	43.69 4.33 -1.05	48.56 4.70 -0.37	47.02 4.00 0.00	43.55 4.02 -0.14	40.36 3.31 -0.71	36.93 3.33 -0.01	35.17 3.20 -0.90
WEST CANADA___HYD 24049	37.44 0.15 0.00	28.60 0.17 0.00	25.76 0.18 0.00	24.96 0.15 0.00	24.56 0.17 0.00	24.99 0.15 0.00	26.48 0.16 0.00	25.69 0.18 0.00	29.13 0.17 0.00	31.20 0.12 0.00	29.92 0.12 0.00	28.55 0.11 0.00	29.26 0.12 0.00	29.81 0.12 0.00	27.59 0.11 0.00	26.58 0.13 0.00	33.69 0.10 0.00	38.43 0.12 0.00	43.63 0.13 0.00	43.15 0.13 0.00	39.59 0.20 0.00	36.49 0.15 0.00	33.73 0.13 0.00	31.16 0.09 0.00
WESTERN_NY_WIND 24143	36.66 -0.63 0.00	28.37 -0.06 0.00	25.20 -0.38 0.00	24.39 -0.42 0.00	24.09 -0.29 0.00	24.39 -0.45 0.00	25.82 -0.50 0.00	24.33 -1.17 0.00	28.03 -0.93 0.00	29.30 -1.77 0.00	28.67 -1.13 0.00	27.35 -1.08 0.00	27.92 -1.22 0.00	28.59 -1.10 0.00	26.47 -1.02 0.00	25.63 -0.82 0.00	32.21 -1.38 0.00	36.86 -1.46 0.00	42.15 -1.35 0.00	41.90 -1.12 0.00	38.88 -0.51 0.00	35.69 -0.65 0.00	33.19 -0.40 0.00	30.79 -0.28 0.00
WESTOVER___LESR 323668	37.36 0.07 0.00	28.68 0.26 0.00	25.71 0.13 0.00	24.91 0.10 0.00	24.53 0.15 0.00	24.96 0.12 0.00	26.48 0.16 0.00	25.48 -0.03 0.00	29.05 0.09 0.00	30.79 -0.28 0.00	29.68 -0.12 0.00	28.32 -0.11 0.00	29.00 -0.15 0.00	29.57 -0.12 0.00	27.47 -0.11 -0.10	26.59 -0.03 -0.17	33.46 -0.17 -0.04	38.16 -0.15 0.00	43.45 -0.04 0.00	43.02 0.00 0.00	39.67 0.28 0.00	36.49 0.15 0.00	33.76 0.17 0.00	31.19 0.12 0.00
WETHRSFD_WT_PWR 323626	36.32 -0.97 0.00	28.03 -0.40 0.00	24.94 -0.64 0.00	24.14 -0.67 0.00	23.80 -0.59 0.00	24.17 -0.67 0.00	25.64 -0.68 0.00	24.23 -1.27 0.00	27.83 -1.13 0.00	29.05 -2.02 0.00	28.34 -1.46 0.00	27.01 -1.42 0.00	27.63 -1.52 0.00	28.26 -1.42 0.00	26.11 -1.37 0.00	25.23 -1.22 0.00	31.77 -1.81 0.00	36.32 -1.99 0.00	41.50 -2.00 0.00	41.30 -1.72 0.00	38.45 -0.95 0.00	35.36 -0.98 0.00	32.89 -0.71 0.00	30.51 -0.56 0.00
WHAVSTOR_138KV_BK127 55557	39.75 2.46 0.00	30.58 2.16 0.00	27.50 1.92 0.00	26.65 1.84 0.00	26.19 1.80 0.00	26.60 1.76 0.00	28.37 2.05 0.00	27.68 2.17 0.00	31.36 2.40 0.00	33.50 2.42 0.00	32.06 2.26 0.00	30.71 2.27 0.00	31.59 2.45 0.00	32.18 2.49 0.00	33.07 2.39 -3.19	34.37 2.41 -5.51	37.88 2.85 -1.44	41.53 3.22 0.00	46.89 3.39 0.00	46.16 3.14 0.00	42.39 2.99 0.00	38.74 2.40 0.00	35.81 2.22 0.00	33.15 2.08 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.75 2.46 0.00	30.58 2.16 0.00	27.50 1.92 0.00	26.65 1.84 0.00	26.19 1.80 0.00	26.60 1.76 0.00	28.37 2.05 0.00	27.68 2.17 0.00	31.36 2.40 0.00	33.50 2.42 0.00	32.06 2.26 0.00	30.71 2.27 0.00	31.59 2.45 0.00	32.18 2.49 0.00	33.07 2.39 -3.19	34.37 2.41 -5.51	37.88 2.85 -1.44	41.53 3.22 0.00	46.89 3.39 0.00	46.16 3.14 0.00	42.39 2.99 0.00	38.74 2.40 0.00	35.81 2.22 0.00	33.15 2.08 0.00
WHITEHAL_115KV_TB1 80871	41.09 3.80 0.00	31.15 2.73 0.00	27.78 2.20 0.00	26.92 2.11 0.00	26.51 2.12 0.00	26.95 2.11 0.00	28.61 2.29 0.00	27.83 2.32 0.00	31.62 2.66 0.00	33.81 2.73 0.00	32.18 2.38 0.00	30.62 2.19 0.00	31.30 2.16 0.00	31.92 2.23 0.00	29.86 2.20 -0.18	29.02 2.27 -0.30	36.82 3.16 -0.08	42.07 3.75 0.00	47.98 4.48 0.00	47.88 4.86 0.00	43.84 4.45 0.00	40.12 3.78 0.00	36.89 3.29 0.00	33.71 2.64 0.00
WHITEPLN_13_KV_LOAD 356215	40.27 2.98 0.00	30.90 2.47 0.00	27.81 2.23 0.00	26.94 2.13 0.00	26.48 2.10 0.00	26.90 2.06 0.00	28.69 2.37 0.00	28.01 2.50 0.00	31.77 2.81 0.00	34.02 2.95 0.00	32.60 2.80 0.00	31.25 2.81 0.00	32.17 3.03 0.00	32.78 3.09 0.00	33.78 2.97 -3.33	35.12 2.94 -5.74	38.61 3.53 -1.50	42.26 3.95 0.00	47.80 4.31 0.00	46.93 3.91 0.00	43.06 3.66 0.00	39.32 2.98 0.00	36.25 2.65 0.00	33.55 2.49 0.00
WM_FLOYD_69_KV_BK2 356380	41.58 3.69 -0.60	38.42 3.18 -6.81	37.39 2.84 -8.97	33.67 2.73 -6.13	35.05 2.68 -7.98	27.63 2.71 -0.08	41.65 3.03 -12.30	41.90 3.11 -13.28	44.30 3.48 -11.87	38.64 3.57 -3.99	34.98 3.19 -2.00	38.63 3.07 -7.13	44.43 3.26 -12.03	47.24 3.33 -14.22	48.63 3.08 -18.07	48.62 3.09 -19.08	51.68 3.73 -14.37	51.19 4.18 -8.70	51.09 4.48 -3.11	46.55 3.53 0.00	44.36 3.82 -1.14	45.44 3.16 -5.93	36.73 3.12 -0.01	34.86 2.98 -0.82
WOODARD__115KV_TB2 355635	36.81 -0.48 0.00	28.25 -0.17 0.00	25.40 -0.18 0.00	24.61 -0.20 0.00	24.22 -0.17 0.00	24.64 -0.20 0.00	26.11 -0.21 0.00	25.20 -0.31 0.00	28.67 -0.29 0.00	30.54 -0.53 0.00	29.32 -0.48 0.00	27.98 -0.45 0.00	28.65 -0.50 0.00	29.18 -0.50 0.00	27.04 -0.44 0.00	26.07 -0.37 0.00	33.05 -0.54 0.00	37.70 -0.61 0.00	42.93 -0.57 0.00	42.50 -0.52 0.00	39.08 -0.32 0.00	35.98 -0.36 0.00	33.22 -0.37 0.00	30.69 -0.37 0.00
WOODMERE_69_KV_BK1 55827	41.04 3.73 -0.02	35.22 3.07 -3.72	28.42 2.76 -0.08	27.52 2.65 -0.06	27.07 2.61 -0.07	27.46 2.61 -0.02	29.37 2.95 -0.10	28.64 3.01 -0.13	32.41 3.36 -0.09	40.83 3.42 -6.34	63.13 3.28 -30.05	40.40 3.10 -8.87	39.64 3.26 -7.23	39.23 3.33 -6.22	40.12 3.13 -9.50	39.76 3.15 -10.17	38.93 3.83 -1.52	42.77 4.44 -0.01	48.32 4.83 0.00	47.24 4.22 0.00	43.53 4.14 0.00	39.76 3.42 0.00	36.80 3.19 -0.01	35.40 3.01 -1.32
YORK___WARBASSE 23770	40.54 3.24 -0.01	31.19 2.76 -0.01	28.02 2.43 -0.01	27.12 2.31 -0.01	26.64 2.24 -0.01	27.06 2.21 -0.01	28.94 2.61 -0.01	28.24 2.73 -0.01	31.89 2.92 -0.01	34.06 2.98 -0.01	32.61 2.80 -0.01	31.26 2.81 -0.01	32.21 3.06 -0.01	32.81 3.12 -0.01	33.80 2.97 -3.34	35.20 2.99 -5.77	38.69 3.59 -1.51	42.34 4.02 -0.01	47.68 4.18 -0.01	46.86 3.83 -0.01	43.02 3.62 -0.01	39.44 3.09 -0.01	36.46 2.86 -0.01	33.81 2.73 -0.01