

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/05/2025

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	44.44	34.01	29.62	30.65	35.35	44.10	37.94	46.45	53.49	48.73	53.26	49.60	52.15	49.18	49.38	54.21	50.96	54.65	52.10	63.57	49.66	46.64	42.90	30.31
24138	2.78	2.07	1.76	1.65	1.69	2.00	2.12	2.90	3.30	3.13	3.32	3.19	3.48	3.32	3.41	3.52	3.40	3.67	3.48	4.10	3.11	2.78	2.72	1.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	44.58	34.11	29.71	30.74	35.45	44.20	38.02	46.54	53.56	48.78	53.33	49.68	52.20	49.22	49.42	54.25	51.00	54.69	52.16	63.69	49.76	46.74	42.97	30.36
24260	2.92	2.17	1.85	1.73	1.79	2.10	2.20	2.99	3.37	3.18	3.39	3.27	3.53	3.36	3.45	3.55	3.44	3.71	3.53	4.22	3.20	2.89	2.80	2.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	44.58	34.11	29.71	30.74	35.45	44.20	38.02	46.54	53.56	48.78	53.33	49.68	52.20	49.22	49.42	54.25	51.00	54.69	52.16	63.69	49.76	46.74	42.97	30.36
24261	2.92	2.17	1.85	1.73	1.79	2.10	2.20	2.99	3.37	3.18	3.39	3.27	3.53	3.36	3.45	3.55	3.44	3.71	3.53	4.22	3.20	2.89	2.80	2.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	43.94	33.79	29.49	30.55	35.31	44.09	37.80	46.42	53.21	48.23	52.61	48.94	51.32	48.33	48.46	53.50	50.54	54.38	51.87	63.55	49.39	46.41	42.55	29.96
24011	2.28	1.85	1.62	1.54	1.64	1.99	1.98	2.86	3.02	2.63	2.68	2.53	2.64	2.47	2.49	2.81	2.98	3.40	3.25	4.09	2.83	2.56	2.38	1.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	44.04	33.92	29.60	30.66	35.42	44.21	38.03	46.78	53.56	48.51	52.85	49.18	51.56	48.55	48.69	53.76	50.91	54.86	52.27	64.05	49.68	46.66	42.81	30.14
23798	2.38	1.98	1.73	1.66	1.76	2.11	2.21	3.22	3.37	2.91	2.91	2.77	2.89	2.69	2.72	3.06	3.36	3.88	3.64	4.59	3.12	2.80	2.64	1.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	43.94	33.79	29.49	30.55	35.31	44.09	37.80	46.42	53.21	48.23</														

ALBANY___2 23572	42.34 0.68 0.00	32.57 0.63 0.00	28.43 0.57 0.00	29.50 0.49 0.00	34.02 0.36 0.00	42.33 0.24 0.00	36.14 0.31 0.00	44.17 0.62 0.00	50.72 0.54 0.00	46.11 0.51 0.00	50.33 0.39 0.00	46.94 0.53 0.00	49.24 0.56 0.00	46.38 0.51 0.00	46.55 0.58 0.00	51.29 0.60 0.00	48.17 0.61 0.00	51.65 0.68 0.00	49.29 0.66 0.00	60.27 0.81 0.00	47.07 0.52 0.00	44.34 0.49 0.00	40.72 0.55 0.00	28.79 0.47 0.00
ALBANY___3 23573	42.34 0.68 0.00	32.57 0.63 0.00	28.43 0.57 0.00	29.50 0.49 0.00	34.02 0.36 0.00	42.33 0.24 0.00	36.14 0.31 0.00	44.17 0.62 0.00	50.72 0.54 0.00	46.11 0.51 0.00	50.33 0.39 0.00	46.94 0.53 0.00	49.24 0.56 0.00	46.38 0.51 0.00	46.55 0.58 0.00	51.29 0.60 0.00	48.17 0.61 0.00	51.65 0.68 0.00	49.29 0.66 0.00	60.27 0.81 0.00	47.07 0.52 0.00	44.34 0.49 0.00	40.72 0.55 0.00	28.79 0.47 0.00
ALBANY___4 23574	42.34 0.68 0.00	32.57 0.63 0.00	28.43 0.57 0.00	29.50 0.49 0.00	34.02 0.36 0.00	42.33 0.24 0.00	36.14 0.31 0.00	44.17 0.62 0.00	50.72 0.54 0.00	46.11 0.51 0.00	50.33 0.39 0.00	46.94 0.53 0.00	49.24 0.56 0.00	46.38 0.51 0.00	46.55 0.58 0.00	51.29 0.60 0.00	48.17 0.61 0.00	51.65 0.68 0.00	49.29 0.66 0.00	60.27 0.81 0.00	47.07 0.52 0.00	44.34 0.49 0.00	40.72 0.55 0.00	28.79 0.47 0.00
ALBANY___LFGE 323615	42.75 1.09 0.00	32.88 0.93 0.00	28.68 0.82 0.00	29.75 0.74 0.00	34.35 0.68 0.00	42.75 0.65 0.00	36.51 0.69 0.00	44.62 1.06 0.00	51.29 1.11 0.00	46.64 1.04 0.00	50.93 0.99 0.00	47.50 1.09 0.00	49.83 1.16 0.00	46.95 1.09 0.00	47.13 1.16 0.00	51.93 1.23 0.00	48.73 1.18 0.00	52.27 1.29 0.00	49.84 1.22 0.00	60.94 1.48 0.00	47.60 1.04 0.00	44.82 0.97 0.00	41.13 0.96 0.00	29.07 0.75 0.00
ALCOA_PA_115KV_PL-6C 55860	40.81 -0.85 0.00	31.10 -0.85 0.00	27.23 -0.63 0.00	28.62 -0.39 0.00	33.40 -0.27 0.00	42.11 0.02 0.00	35.82 -0.01 0.00	43.29 -0.26 0.00	50.40 0.21 0.00	45.79 0.18 0.00	50.30 0.37 0.00	46.69 0.28 0.00	48.83 0.16 0.00	45.90 0.04 0.00	45.98 0.01 0.00	50.83 0.13 0.00	47.36 -0.20 0.00	50.64 -0.33 0.00	48.25 -0.37 0.00	59.15 -0.32 0.00	46.24 -0.31 0.00	43.52 -0.34 0.00	39.85 -0.33 0.00	17.14 -0.34 10.83
ALCOA_RYNLDS___DRP 24188	40.81 -0.85 0.00	31.10 -0.85 0.00	27.23 -0.63 0.00	28.62 -0.39 0.00	33.40 -0.27 0.00	42.11 0.02 0.00	35.82 -0.01 0.00	43.29 -0.26 0.00	50.40 0.21 0.00	45.79 0.18 0.00	50.30 0.37 0.00	46.69 0.28 0.00	48.83 0.16 0.00	45.90 0.04 0.00	45.98 0.01 0.00	50.83 0.13 0.00	47.36 -0.20 0.00	50.64 -0.33 0.00	48.25 -0.37 0.00	59.15 -0.32 0.00	46.24 -0.31 0.00	43.52 -0.34 0.00	39.85 -0.33 0.00	17.14 -0.34 10.83
ALCOA___DSASP 323711	40.81 -0.85 0.00	31.10 -0.85 0.00	27.23 -0.63 0.00	28.62 -0.39 0.00	33.40 -0.27 0.00	42.11 0.02 0.00	35.82 -0.01 0.00	43.29 -0.26 0.00	50.40 0.21 0.00	45.79 0.19 0.00	50.30 0.36 0.00	46.69 0.28 0.00	48.83 0.16 0.00	45.90 0.04 0.00	45.98 0.01 0.00	50.83 0.13 0.00	47.36 -0.20 0.00	50.64 -0.34 0.00	48.25 -0.37 0.00	59.15 -0.32 0.00	46.24 -0.31 0.00	43.52 -0.34 0.00	39.85 -0.33 0.00	17.14 -0.34 10.83
ALLEGHENY___COGEN 23514	41.95 0.29 0.00	32.35 0.40 0.00	28.14 0.27 0.00	29.29 0.28 0.00	34.37 0.71 0.00	43.03 0.93 0.00	36.51 0.69 0.00	43.74 0.18 0.00	50.22 0.03 0.00	45.46 -0.14 0.00	49.90 -0.04 0.00	45.82 -0.59 0.00	48.00 -0.67 0.00	45.48 -0.38 0.00	45.18 -0.78 0.00	49.23 -1.47 0.00	46.49 -1.07 0.00	50.69 -0.29 0.00	48.84 0.21 0.00	60.21 0.74 0.00	47.18 0.62 0.00	44.71 0.85 0.00	40.34 0.16 0.00	28.20 -0.11 0.00
ALTAMONT_115KV_TB 2 55880	42.78 1.12 0.00	32.90 0.96 0.00	28.72 0.86 0.00	29.80 0.79 0.00	34.42 0.76 0.00	42.87 0.78 0.00	36.53 0.71 0.00	44.64 1.08 0.00	51.22 1.04 0.00	46.49 0.88 0.00	50.77 0.84 0.00	47.26 0.85 0.00	49.59 0.91 0.00	46.72 0.85 0.00	46.87 0.91 0.00	51.71 1.02 0.00	48.70 1.14 0.00	52.22 1.24 0.00	49.83 1.20 0.00	60.96 1.50 0.00	47.62 1.07 0.00	44.84 0.99 0.00	41.15 0.97 0.00	29.05 0.73 0.00
ALTONA_WT_PWR 323606	40.89 -0.77 0.00	31.14 -0.81 0.00	27.19 -0.67 0.00	28.47 -0.54 0.00	33.35 -0.31 0.00	42.16 0.06 0.00	36.03 0.21 0.00	43.84 0.29 0.00	50.92 0.73 0.00	46.26 0.65 0.00	50.85 0.91 0.00	47.23 0.81 0.00	49.27 0.60 0.00	45.95 0.08 0.00	46.06 0.10 0.00	51.07 0.38 0.00	47.23 -0.32 0.00	50.40 -0.57 0.00	47.95 -0.67 0.00	59.07 -0.40 0.00	46.08 -0.47 0.00	43.01 -0.84 0.00	39.41 -0.77 0.00	16.43 -0.65 11.23
AMERICAN_REF_FUEL 24010	39.01 -2.65 0.00	30.01 -1.93 0.00	26.16 -1.70 0.00	27.27 -1.74 0.00	32.16 -1.50 0.00	39.76 -2.34 0.00	33.28 -2.54 0.00	39.33 -4.22 0.00	45.24 -4.94 0.00	41.44 -4.16 0.00	46.56 -3.38 0.00	42.79 -3.62 0.00	44.86 -3.81 0.00	42.49 -3.38 0.00	42.30 -3.67 0.00	46.12 -4.58 0.00	43.11 -4.45 0.00	45.90 -5.08 0.00	43.96 -4.66 0.00	54.45 -5.02 0.00	43.11 -3.44 0.00	41.22 -2.64 0.00	37.26 -2.92 0.00	26.19 -2.12 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	39.76 -1.90 0.00	30.81 -1.13 0.00	26.59 -1.28 0.00	28.20 -0.81 0.00	33.25 -0.42 0.00	41.53 -0.57 0.00	34.98 -0.84 0.00	41.80 -1.76 0.00	48.20 -1.99 0.00	44.18 -1.43 0.00	49.35 -0.59 0.00	45.05 -1.37 0.00	47.40 -1.27 0.00	44.59 -1.28 0.00	44.49 -1.48 0.00	48.39 -2.31 0.00	45.14 -2.42 0.00	47.81 -3.16 0.00	45.92 -2.71 0.00	57.50 -1.97 0.00	45.09 -1.46 0.00	43.15 -0.71 0.00	38.70 -1.48 0.00	27.02 -1.29 0.00
ARTHUR KILL_GT_1 23520	44.53 2.86 0.00	34.08 2.14 0.00	29.66 1.80 0.00	30.70 1.69 0.00	35.42 1.76 0.00	44.10 2.01 0.00	37.94 2.12 0.00	46.37 2.46 -0.35	52.78 2.60 0.01	48.29 2.69 0.00	52.68 2.74 0.00	49.13 2.71 0.00	51.63 2.96 0.00	48.73 2.86 0.00	48.96 2.99 0.00	53.61 2.92 0.00	50.53 2.97 0.00	54.18 3.20 0.00	51.68 3.06 0.00	63.20 3.73 0.00	49.45 2.90 0.00	47.63 2.59 -1.18	45.91 2.48 -3.26	39.06 1.90 -8.84
ARTHUR_KILL_2 23512	44.41 2.75 0.00	34.00 2.06 0.00	29.59 1.73 0.00	30.62 1.61 0.00	35.33 1.67 0.00	43.99 1.89 0.00	37.84 2.01 0.00	46.27 2.37 -0.35	52.65 2.47 0.01	48.16 2.56 0.00	52.54 2.61 0.00	49.00 2.59 0.00	51.50 2.83 0.00	48.60 2.73 0.00	48.84 2.87 0.00	53.46 2.77 0.00	50.38 2.83 0.00	54.03 3.05 0.00	51.54 2.91 0.00	63.01 3.54 0.00	49.29 2.74 0.00	47.49 2.45 -1.18	45.80 2.36 -3.26	38.98 1.82 -8.84
ARTHUR_KILL_3 23513	44.09 2.42 0.00	33.72 1.78 0.00	29.37 1.50 0.00	30.39 1.39 0.00	35.05 1.39 0.00	43.70 1.60 0.00	37.60 1.78 0.00	46.30 2.50 -0.25	52.94 2.76 0.00	48.15 2.55 0.00	52.63 2.69 0.00	49.03 2.61 0.00	51.53 2.86 0.00	48.61 2.75 0.00	48.80 2.83 0.00	53.59 2.90 0.00	50.38 2.82 0.00	54.04 3.07 0.00	51.54 2.91 0.00	62.95 3.48 0.00	49.16 2.61 0.00	46.98 2.35 -0.77	44.66 2.36 -2.12	35.83 1.75 -5.76

ARTHUR_KILL_COGEN 323718	44.53 2.87 0.00	34.08 2.14 0.00	29.66 1.79 0.00	30.70 1.69 0.00	35.41 1.75 0.00	44.10 2.01 0.00	37.94 2.12 0.00	46.37 2.47 -0.35	52.78 2.60 0.01	48.27 2.67 0.00	52.67 2.74 0.00	49.13 2.72 0.00	51.65 2.98 0.00	48.73 2.87 0.00	48.97 3.01 0.00	53.61 2.92 0.00	50.53 2.97 0.00	54.18 3.21 0.00	51.68 3.06 0.00	63.19 3.73 0.00	49.45 2.90 0.00	47.63 2.59 -1.18	45.91 2.48 -3.26	39.07 1.91 -8.84
ASHOKAN____ 23654	43.86 2.20 0.00	33.64 1.70 0.00	29.32 1.46 0.00	30.38 1.37 0.00	35.08 1.42 0.00	43.73 1.63 0.00	37.45 1.63 0.00	46.03 2.48 0.00	53.11 2.92 0.00	48.05 2.45 0.00	52.50 2.57 0.00	48.90 2.49 0.00	51.40 2.72 0.00	48.35 2.49 0.00	48.59 2.63 0.00	53.45 2.76 0.00	50.29 2.73 0.00	53.97 3.00 0.00	51.58 2.95 0.00	63.17 3.71 0.00	49.30 2.75 0.00	46.30 2.44 0.00	42.39 2.22 0.00	29.87 1.55 0.00
ASTORIA_EAST_ENERGY_CC1 323581	44.12 2.46 0.00	33.86 1.91 0.00	29.55 1.68 0.00	30.47 1.47 0.00	35.15 1.49 0.00	43.73 1.63 0.00	37.66 1.84 0.00	46.03 2.48 0.00	52.92 2.73 0.00	48.12 2.52 0.00	52.64 2.66 -0.05	51.23 2.55 -2.26	55.23 3.05 -3.51	49.40 3.16 -0.37	49.17 3.20 0.00	54.02 3.32 0.00	59.12 3.30 -8.26	54.45 3.48 0.00	53.94 3.26 -2.06	64.81 3.89 -1.45	53.80 3.00 -4.24	53.16 2.73 -6.58	50.27 2.73 -7.37	31.45 2.06 -1.07
ASTORIA_EAST_ENERGY_CC2 323582	44.12 2.46 0.00	33.86 1.91 0.00	29.55 1.69 0.00	30.48 1.47 0.00	35.15 1.49 0.00	43.73 1.63 0.00	37.66 1.84 0.00	46.03 2.48 0.00	52.92 2.73 0.00	48.12 2.52 0.00	52.64 2.66 -0.05	51.23 2.55 -2.26	55.23 3.05 -3.51	49.39 3.15 -0.37	49.17 3.21 0.00	54.02 3.32 0.00	59.12 3.30 -8.26	54.45 3.48 0.00	53.94 3.26 -2.06	64.81 3.89 -1.45	53.80 3.00 -4.24	53.16 2.73 -6.58	50.27 2.73 -7.37	31.45 2.06 -1.07
ASTORIA_GT2_1 24094	44.14 2.48 0.00	33.87 1.93 0.00	29.57 1.71 0.00	30.50 1.49 0.00	35.16 1.50 0.00	43.76 1.66 0.00	37.68 1.86 0.00	46.06 2.50 0.00	52.95 2.76 0.00	48.15 2.55 0.00	52.71 2.72 -0.05	51.28 2.60 -2.26	55.34 3.16 -3.51	49.45 3.21 -0.37	49.19 3.22 0.00	54.06 3.37 0.00	59.17 3.35 -8.26	54.48 3.51 0.00	54.03 3.35 -2.06	64.88 3.97 -1.45	53.87 3.08 -4.24	53.18 2.75 -6.58	50.36 2.82 -7.37	31.46 2.08 -1.07
ASTORIA_GT2_2 24095	44.14 2.48 0.00	33.87 1.93 0.00	29.57 1.71 0.00	30.50 1.49 0.00	35.16 1.50 0.00	43.76 1.66 0.00	37.68 1.86 0.00	46.06 2.50 0.00	52.95 2.76 0.00	48.15 2.55 0.00	52.71 2.72 -0.05	51.28 2.60 -2.26	55.34 3.16 -3.51	49.45 3.21 -0.37	49.19 3.22 0.00	54.06 3.37 0.00	59.17 3.35 -8.26	54.48 3.51 0.00	54.03 3.35 -2.06	64.88 3.97 -1.45	53.87 3.08 -4.24	53.18 2.75 -6.58	50.36 2.82 -7.37	31.46 2.08 -1.07
ASTORIA_GT2_3 24096	44.14 2.48 0.00	33.87 1.93 0.00	29.57 1.71 0.00	30.50 1.49 0.00	35.16 1.50 0.00	43.76 1.66 0.00	37.68 1.86 0.00	46.06 2.50 0.00	52.95 2.76 0.00	48.15 2.55 0.00	52.71 2.72 -0.05	51.28 2.60 -2.26	55.34 3.16 -3.51	49.45 3.21 -0.37	49.19 3.22 0.00	54.06 3.37 0.00	59.17 3.35 -8.26	54.48 3.51 0.00	54.03 3.35 -2.06	64.88 3.97 -1.45	53.87 3.08 -4.24	53.18 2.75 -6.58	50.36 2.82 -7.37	31.46 2.08 -1.07
ASTORIA_GT2_4 24097	44.14 2.48 0.00	33.87 1.93 0.00	29.57 1.71 0.00	30.50 1.49 0.00	35.16 1.50 0.00	43.76 1.66 0.00	37.68 1.86 0.00	46.06 2.50 0.00	52.95 2.76 0.00	48.15 2.55 0.00	52.71 2.72 -0.05	51.28 2.60 -2.26	55.34 3.16 -3.51	49.45 3.21 -0.37	49.19 3.22 0.00	54.06 3.37 0.00	59.17 3.35 -8.26	54.48 3.51 0.00	54.03 3.35 -2.06	64.88 3.97 -1.45	53.87 3.08 -4.24	53.18 2.75 -6.58	50.36 2.82 -7.37	31.46 2.08 -1.07
ASTORIA_GT3_1 24098	44.14 2.48 0.00	33.87 1.93 0.00	29.57 1.71 0.00	30.50 1.49 0.00	35.16 1.50 0.00	43.76 1.66 0.00	37.68 1.86 0.00	46.06 2.50 0.00	52.95 2.76 0.00	48.15 2.55 0.00	52.71 2.72 -0.05	51.28 2.60 -2.26	55.34 3.16 -3.51	49.45 3.21 -0.37	49.19 3.22 0.00	54.06 3.37 0.00	59.17 3.35 -8.26	54.48 3.51 0.00	54.03 3.35 -2.06	64.88 3.97 -1.45	53.87 3.08 -4.24	53.18 2.75 -6.58	50.36 2.82 -7.37	31.46 2.08 -1.07
ASTORIA_GT3_2 24099	44.14 2.48 0.00	33.87 1.93 0.00	29.57 1.71 0.00	30.50 1.49 0.00	35.16 1.50 0.00	43.76 1.66 0.00	37.68 1.86 0.00	46.06 2.50 0.00	52.95 2.76 0.00	48.15 2.55 0.00	52.71 2.72 -0.05	51.28 2.60 -2.26	55.34 3.16 -3.51	49.45 3.21 -0.37	49.19 3.22 0.00	54.06 3.37 0.00	59.17 3.35 -8.26	54.48 3.51 0.00	54.03 3.35 -2.06	64.88 3.97 -1.45	53.87 3.08 -4.24	53.18 2.75 -6.58	50.36 2.82 -7.37	31.46 2.08 -1.07
ASTORIA_GT3_3 24100	44.14 2.48 0.00	33.87 1.93 0.00	29.57 1.71 0.00	30.50 1.49 0.00	35.16 1.50 0.00	43.76 1.66 0.00	37.68 1.86 0.00	46.06 2.50 0.00	52.95 2.76 0.00	48.15 2.55 0.00	52.71 2.72 -0.05	51.28 2.60 -2.26	55.34 3.16 -3.51	49.45 3.21 -0.37	49.19 3.22 0.00	54.06 3.37 0.00	59.17 3.35 -8.26	54.48 3.51 0.00	54.03 3.35 -2.06	64.88 3.97 -1.45	53.87 3.08 -4.24	53.18 2.75 -6.58	50.36 2.82 -7.37	31.46 2.08 -1.07
ASTORIA_GT3_4 24101	44.14 2.48 0.00	33.87 1.93 0.00	29.57 1.71 0.00	30.50 1.49 0.00	35.16 1.50 0.00	43.76 1.66 0.00	37.68 1.86 0.00	46.06 2.50 0.00	52.95 2.76 0.00	48.15 2.55 0.00	52.71 2.72 -0.05	51.28 2.60 -2.26	55.34 3.16 -3.51	49.45 3.21 -0.37	49.19 3.22 0.00	54.06 3.37 0.00	59.17 3.35 -8.26	54.48 3.51 0.00	54.03 3.35 -2.06	64.88 3.97 -1.45	53.87 3.08 -4.24	53.18 2.75 -6.58	50.36 2.82 -7.37	31.46 2.08 -1.07
ASTORIA_GT4_1 24102	44.14 2.48 0.00	33.87 1.93 0.00	29.57 1.71 0.00	30.50 1.49 0.00	35.16 1.50 0.00	43.76 1.66 0.00	37.68 1.86 0.00	46.06 2.50 0.00	52.95 2.76 0.00	48.15 2.55 0.00	52.71 2.72 -0.05	51.28 2.60 -2.26	55.34 3.16 -3.51	49.45 3.21 -0.37	49.19 3.22 0.00	54.06 3.37 0.00	59.17 3.35 -8.26	54.48 3.51 0.00	54.03 3.35 -2.06	64.88 3.97 -1.45	53.87 3.08 -4.24	53.18 2.75 -6.58	50.36 2.82 -7.37	31.46 2.08 -1.07
ASTORIA_GT4_2 24103	44.14 2.48 0.00	33.87 1.93 0.00	29.57 1.71 0.00	30.50 1.49 0.00	35.16 1.50 0.00	43.76 1.66 0.00	37.68 1.86 0.00	46.06 2.50 0.00	52.95 2.76 0.00	48.15 2.55 0.00	52.71 2.72 -0.05	51.28 2.60 -2.26	55.34 3.16 -3.51	49.45 3.21 -0.37	49.19 3.22 0.00	54.06 3.37 0.00	59.17 3.35 -8.26	54.48 3.51 0.00	54.03 3.35 -2.06	64.88 3.97 -1.45	53.87 3.08 -4.24	53.18 2.75 -6.58	50.36 2.82 -7.37	31.46 2.08 -1.07
ASTORIA_GT4_3 24104	44.14 2.48 0.00	33.87 1.93 0.00	29.57 1.71 0.00	30.50 1.49 0.00	35.16 1.50 0.00	43.76 1.66 0.00	37.68 1.86 0.00	46.06 2.50 0.00	52.95 2.76 0.00	48.15 2.55 0.00	52.71 2.72 -0.05	51.28 2.60 -2.26	55.34 3.16 -3.51	49.45 3.21 -0.37	49.19 3.22 0.00	54.06 3.37 0.00	59.17 3.35 -8.26	54.48 3.51 0.00	54.03 3.35 -2.06	64.88 3.97 -1.45	53.87 3.08 -4.24	53.18 2.75 -6.58	50.36 2.82 -7.37	31.46 2.08 -1.07

ASTORIA_GT4_4 24105	44.14 2.48 0.00	33.87 1.93 0.00	29.57 1.71 0.00	30.50 1.49 0.00	35.16 1.50 0.00	43.76 1.66 0.00	37.68 1.86 0.00	46.06 2.50 0.00	52.95 2.76 0.00	48.15 2.55 0.00	52.71 2.72 -0.05	51.28 2.60 -2.26	55.34 3.16 -3.51	49.45 3.21 -0.37	49.19 3.22 0.00	54.06 3.37 0.00	59.17 3.35 -8.26	54.48 3.51 0.00	54.03 3.35 -2.06	64.88 3.97 -1.45	53.87 3.08 -4.24	53.18 2.75 -6.58	50.36 2.82 -7.37	31.46 2.08 -1.07
ASTORIA_GT_1 23523	44.20 2.54 0.00	33.91 1.97 0.00	29.61 1.74 0.00	30.53 1.52 0.00	35.21 1.55 0.00	43.81 1.71 0.00	37.73 1.91 0.00	46.13 2.57 0.00	53.02 2.84 0.00	48.22 2.62 0.00	52.80 2.81 -0.05	51.36 2.68 -2.26	55.43 3.25 -3.51	49.52 3.28 -0.37	49.27 3.30 0.00	54.15 3.45 0.00	59.26 3.44 -8.26	54.57 3.59 0.00	54.11 3.43 -2.06	64.97 4.05 -1.45	53.94 3.14 -4.24	53.25 2.82 -6.58	50.43 2.88 -7.37	31.51 2.12 -1.07
ASTORIA_GT_10 24110	44.32 2.66 0.00	33.91 1.96 0.00	29.53 1.66 0.00	30.55 1.54 0.00	35.23 1.57 0.00	43.91 1.82 0.00	37.77 1.95 0.00	46.23 2.67 0.00	53.21 3.03 0.00	48.46 2.86 0.00	52.98 3.04 0.00	49.37 2.95 0.00	51.87 3.20 0.00	48.90 3.03 0.00	49.10 3.13 0.00	53.89 3.20 0.00	50.67 3.11 0.00	54.34 3.36 0.00	51.82 3.19 0.00	63.21 3.75 0.00	49.41 2.86 0.00	46.44 2.59 0.00	42.69 2.52 0.00	30.20 1.89 0.00
ASTORIA_GT_11 24225	44.32 2.66 0.00	33.91 1.96 0.00	29.53 1.66 0.00	30.55 1.54 0.00	35.23 1.57 0.00	43.91 1.82 0.00	37.77 1.95 0.00	46.23 2.67 0.00	53.21 3.03 0.00	48.46 2.86 0.00	52.98 3.04 0.00	49.37 2.95 0.00	51.87 3.20 0.00	48.90 3.03 0.00	49.10 3.13 0.00	53.89 3.20 0.00	50.67 3.11 0.00	54.34 3.36 0.00	51.82 3.19 0.00	63.21 3.75 0.00	49.41 2.86 0.00	46.44 2.59 0.00	42.69 2.52 0.00	30.20 1.89 0.00
ASTORIA_GT_12 24226	44.32 2.66 0.00	33.91 1.96 0.00	29.53 1.66 0.00	30.55 1.54 0.00	35.23 1.57 0.00	43.91 1.82 0.00	37.77 1.95 0.00	46.23 2.67 0.00	53.21 3.03 0.00	48.46 2.86 0.00	52.98 3.04 0.00	49.37 2.95 0.00	51.87 3.20 0.00	48.90 3.03 0.00	49.10 3.13 0.00	53.89 3.20 0.00	50.67 3.11 0.00	54.34 3.36 0.00	51.82 3.19 0.00	63.21 3.75 0.00	49.41 2.86 0.00	46.44 2.59 0.00	42.69 2.52 0.00	30.20 1.89 0.00
ASTORIA_GT_13 24227	44.32 2.66 0.00	33.91 1.96 0.00	29.53 1.66 0.00	30.55 1.54 0.00	35.23 1.57 0.00	43.91 1.82 0.00	37.77 1.95 0.00	46.23 2.67 0.00	53.21 3.03 0.00	48.46 2.86 0.00	52.98 3.04 0.00	49.37 2.95 0.00	51.87 3.20 0.00	48.90 3.03 0.00	49.10 3.13 0.00	53.89 3.20 0.00	50.67 3.11 0.00	54.34 3.36 0.00	51.82 3.19 0.00	63.21 3.75 0.00	49.41 2.86 0.00	46.44 2.59 0.00	42.69 2.52 0.00	30.20 1.89 0.00
ASTORIA_GT_5 24106	44.20 2.54 0.00	33.91 1.97 0.00	29.61 1.74 0.00	30.53 1.52 0.00	35.21 1.55 0.00	43.81 1.71 0.00	37.73 1.91 0.00	46.13 2.57 0.00	53.02 2.84 0.00	48.22 2.62 0.00	52.80 2.81 -0.05	51.36 2.68 -2.26	55.43 3.25 -3.51	49.52 3.28 -0.37	49.27 3.30 0.00	54.15 3.45 0.00	59.26 3.44 -8.26	54.57 3.59 0.00	54.11 3.43 -2.06	64.97 4.05 -1.45	53.94 3.14 -4.24	53.25 2.82 -6.58	50.43 2.88 -7.37	31.51 2.12 -1.07
ASTORIA_GT_7 24107	44.20 2.54 0.00	33.91 1.97 0.00	29.61 1.74 0.00	30.53 1.52 0.00	35.21 1.55 0.00	43.81 1.71 0.00	37.73 1.91 0.00	46.13 2.57 0.00	53.02 2.84 0.00	48.22 2.62 0.00	52.80 2.81 -0.05	51.36 2.68 -2.26	55.43 3.25 -3.51	49.52 3.28 -0.37	49.27 3.30 0.00	54.15 3.45 0.00	59.26 3.44 -8.26	54.57 3.59 0.00	54.11 3.43 -2.06	64.97 4.05 -1.45	53.94 3.14 -4.24	53.25 2.82 -6.58	50.43 2.88 -7.37	31.51 2.12 -1.07
ASTORIA_GT_8 24108	44.20 2.54 0.00	33.91 1.97 0.00	29.61 1.74 0.00	30.53 1.52 0.00	35.21 1.55 0.00	43.81 1.71 0.00	37.73 1.91 0.00	46.13 2.57 0.00	53.02 2.84 0.00	48.22 2.62 0.00	52.80 2.81 -0.05	51.36 2.68 -2.26	55.43 3.25 -3.51	49.52 3.28 -0.37	49.27 3.30 0.00	54.15 3.45 0.00	59.26 3.44 -8.26	54.57 3.59 0.00	54.11 3.43 -2.06	64.97 4.05 -1.45	53.94 3.14 -4.24	53.25 2.82 -6.58	50.43 2.88 -7.37	31.51 2.12 -1.07
ASTORIA___2 24149	44.14 2.48 0.00	33.87 1.93 0.00	29.57 1.70 0.00	30.49 1.49 0.00	35.16 1.50 0.00	43.76 1.66 0.00	37.68 1.86 0.00	46.06 2.51 0.00	52.94 2.76 0.00	48.14 2.54 0.00	52.68 2.69 -0.05	51.26 2.58 -2.26	55.26 3.08 -3.51	49.42 3.18 -0.37	49.20 3.23 0.00	54.06 3.36 0.00	59.14 3.32 -8.26	54.47 3.50 0.00	53.96 3.28 -2.06	64.85 3.93 -1.45	53.83 3.03 -4.24	53.19 2.75 -6.58	50.30 2.75 -7.37	31.45 2.06 -1.07
ASTORIA___3 23516	44.32 2.67 0.00	33.91 1.96 0.00	29.53 1.66 0.00	30.54 1.53 0.00	35.23 1.57 0.00	43.91 1.82 0.00	37.77 1.95 0.00	46.23 2.67 0.00	53.22 3.03 0.00	48.45 2.85 0.00	52.99 3.05 0.00	49.36 2.94 0.00	51.86 3.19 0.00	48.90 3.04 0.00	49.10 3.13 0.00	53.89 3.20 0.00	50.66 3.11 0.00	54.34 3.36 0.00	51.81 3.19 0.00	63.21 3.74 0.00	49.40 2.85 0.00	46.43 2.57 0.00	42.69 2.51 0.00	30.21 1.89 0.00
ASTORIA___4 23517	44.32 2.66 0.00	33.91 1.96 0.00	29.53 1.66 0.00	30.55 1.54 0.00	35.23 1.57 0.00	43.91 1.82 0.00	37.77 1.95 0.00	46.23 2.67 0.00	53.21 3.03 0.00	48.46 2.86 0.00	52.98 3.04 0.00	49.37 2.95 0.00	51.87 3.20 0.00	48.90 3.03 0.00	49.10 3.13 0.00	53.89 3.20 0.00	50.67 3.11 0.00	54.34 3.36 0.00	51.82 3.19 0.00	63.21 3.74 0.00	49.41 2.86 0.00	46.44 2.59 0.00	42.69 2.51 0.00	30.20 1.89 0.00
ASTORIA___5 23518	44.32 2.67 0.00	33.91 1.96 0.00	29.53 1.66 0.00	30.54 1.53 0.00	35.23 1.57 0.00	43.91 1.82 0.00	37.77 1.95 0.00	46.23 2.67 0.00	53.22 3.03 0.00	48.45 2.85 0.00	52.99 3.05 0.00	49.36 2.95 0.00	51.86 3.19 0.00	48.90 3.04 0.00	49.10 3.13 0.00	53.89 3.20 0.00	50.66 3.11 0.00	54.34 3.36 0.00	51.81 3.19 0.00	63.21 3.74 0.00	49.40 2.85 0.00	46.43 2.58 0.00	42.70 2.52 0.00	30.21 1.89 0.00
AST_ENERGY_2_CC3 323677	44.18 2.52 0.00	33.83 1.89 0.00	29.49 1.63 0.00	30.50 1.49 0.00	35.16 1.50 0.00	43.83 1.73 0.00	37.68 1.86 0.00	46.14 2.58 0.00	53.05 2.86 0.00	48.28 2.68 0.00	52.75 2.81 0.00	49.13 2.72 0.00	51.68 3.01 0.00	48.78 2.91 0.00	48.96 2.99 0.00	53.76 3.07 0.00	50.56 3.00 0.00	54.21 3.24 0.00	51.70 3.08 0.00	63.13 3.66 0.00	49.32 2.78 0.00	46.34 2.49 0.00	42.65 2.47 0.00	30.15 1.83 0.00
AST_ENERGY_2_CC4 323678	44.18 2.52 0.00	33.83 1.89 0.00	29.49 1.63 0.00	30.50 1.49 0.00	35.16 1.50 0.00	43.83 1.73 0.00	37.68 1.86 0.00	46.14 2.58 0.00	53.05 2.86 0.00	48.28 2.68 0.00	52.75 2.81 0.00	49.13 2.72 0.00	51.68 3.01 0.00	48.78 2.91 0.00	48.96 2.99 0.00	53.76 3.07 0.00	50.56 3.00 0.00	54.21 3.24 0.00	51.70 3.08 0.00	63.13 3.66 0.00	49.32 2.78 0.00	46.34 2.49 0.00	42.65 2.47 0.00	30.15 1.83 0.00

ATHENS_STG_1 23668	43.01 1.35 0.00	33.09 1.15 0.00	28.89 1.02 0.00	29.94 0.93 0.00	34.55 0.88 0.00	42.99 0.89 0.00	36.61 0.79 0.00	44.80 1.24 0.00	51.44 1.25 0.00	46.73 1.12 0.00	51.03 1.09 0.00	47.49 1.08 0.00	49.86 1.19 0.00	46.99 1.13 0.00	47.14 1.17 0.00	51.96 1.26 0.00	48.91 1.35 0.00	52.45 1.48 0.00	50.03 1.40 0.00	61.19 1.72 0.00	47.80 1.25 0.00	44.99 1.14 0.00	41.31 1.13 0.00	29.21 0.89 0.00
ATHENS_STG_2 23670	43.01 1.35 0.00	33.09 1.15 0.00	28.89 1.02 0.00	29.94 0.93 0.00	34.55 0.88 0.00	42.99 0.89 0.00	36.61 0.79 0.00	44.80 1.24 0.00	51.44 1.25 0.00	46.73 1.12 0.00	51.03 1.09 0.00	47.49 1.08 0.00	49.86 1.19 0.00	46.99 1.13 0.00	47.14 1.17 0.00	51.96 1.26 0.00	48.91 1.35 0.00	52.45 1.48 0.00	50.03 1.40 0.00	61.19 1.72 0.00	47.80 1.25 0.00	44.99 1.14 0.00	41.31 1.13 0.00	29.21 0.89 0.00
ATHENS_STG_3 23677	43.01 1.35 0.00	33.09 1.15 0.00	28.89 1.02 0.00	29.94 0.93 0.00	34.55 0.88 0.00	42.99 0.89 0.00	36.61 0.79 0.00	44.80 1.24 0.00	51.44 1.25 0.00	46.73 1.12 0.00	51.03 1.09 0.00	47.49 1.08 0.00	49.86 1.19 0.00	46.99 1.13 0.00	47.14 1.17 0.00	51.96 1.26 0.00	48.91 1.35 0.00	52.45 1.48 0.00	50.03 1.40 0.00	61.19 1.72 0.00	47.80 1.25 0.00	44.99 1.14 0.00	41.31 1.13 0.00	29.21 0.89 0.00
AUBURN____LFGE 323710	41.78 0.12 0.00	32.18 0.23 0.00	28.01 0.15 0.00	29.12 0.11 0.00	33.75 0.09 0.00	42.20 0.10 0.00	36.34 0.51 0.00	44.07 0.51 0.00	49.78 -0.41 0.00	45.14 -0.46 0.00	49.38 -0.56 0.00	45.81 -0.61 0.00	48.08 -0.59 0.00	45.38 -0.48 0.00	45.43 -0.53 0.00	50.30 -0.40 0.00	47.28 -0.27 0.00	50.68 -0.29 0.00	48.37 -0.25 0.00	59.12 -0.35 0.00	46.46 -0.09 0.00	43.85 -0.01 0.00	39.97 -0.20 0.00	28.13 -0.19 0.00
BABYLON_RES_REC 323704	45.49 3.62 -0.22	34.38 2.43 0.00	29.93 2.06 0.00	30.93 1.93 0.00	35.57 1.91 0.00	44.29 2.20 0.00	37.97 2.15 0.00	46.36 2.81 0.00	53.41 3.22 0.00	49.39 3.15 -0.64	57.51 3.62 -3.95	54.77 3.50 -4.85	75.93 3.90 -23.36	59.77 3.62 -10.27	54.10 3.66 -4.47	58.14 3.61 -3.84	59.49 3.60 -8.33	61.35 3.79 -6.57	70.41 3.61 -18.17	84.53 4.14 -20.92	72.04 3.14 -22.34	44.61 2.91 2.15	57.19 2.92 -14.09	40.74 2.11 -10.32
BALL_HILL_WT_PWR 323825	40.04 -1.62 0.00	30.99 -0.96 0.00	26.81 -1.06 0.00	28.05 -0.96 0.00	32.97 -0.69 0.00	41.10 -1.00 0.00	34.54 -1.28 0.00	41.14 -2.42 0.00	47.34 -2.85 0.00	43.35 -2.24 0.00	48.40 -1.54 0.00	44.41 -2.00 0.00	46.77 -1.90 0.00	44.13 -1.74 0.00	44.00 -1.97 0.00	47.89 -2.81 0.00	44.81 -2.75 0.00	47.63 -3.35 0.00	45.55 -3.07 0.00	56.63 -2.84 0.00	44.61 -1.94 0.00	42.67 -1.19 0.00	38.46 -1.72 0.00	26.97 -1.34 0.00
BARON_WINDS____WT_PWR 323822	40.73 -0.93 0.00	31.60 -0.34 0.00	27.37 -0.49 0.00	28.57 -0.44 0.00	33.42 -0.24 0.00	41.73 -0.37 0.00	35.29 -0.54 0.00	42.52 -1.04 0.00	48.77 -1.41 0.00	44.45 -1.16 0.00	48.85 -1.09 0.00	44.92 -1.49 0.00	47.28 -1.40 0.00	44.71 -1.15 0.00	44.41 -1.56 0.00	48.57 -2.12 0.00	45.75 -1.81 0.00	49.15 -1.82 0.00	46.69 -1.94 0.00	57.33 -2.14 0.00	44.69 -1.86 0.00	42.45 -1.41 0.00	38.41 -1.76 0.00	27.05 -1.27 0.00
BARRETT_IC_1 23704	63.00 3.13 -18.21	34.11 2.17 0.00	29.67 1.81 0.00	30.72 1.71 0.00	35.34 1.68 0.00	43.97 1.87 0.00	37.64 1.82 0.00	45.92 2.37 0.00	52.88 2.70 0.00	56.03 2.61 -7.82	101.98 2.90 -49.14	119.62 2.78 -70.42	394.87 3.05 -343.14	192.96 2.96 -144.14	96.45 3.09 -47.39	93.28 3.02 -39.56	314.15 2.96 -263.64	121.59 3.13 -67.48	115.07 2.92 -63.52	91.30 3.36 -28.48	103.47 2.56 -54.36	91.78 2.35 -45.58	231.81 2.31 -189.33	129.74 1.72 -99.70
BARRETT_IC_10 23701	63.00 3.13 -18.21	34.11 2.17 0.00	29.67 1.81 0.00	30.72 1.71 0.00	35.34 1.68 0.00	43.97 1.87 0.00	37.64 1.82 0.00	45.92 2.37 0.00	52.88 2.70 0.00	50.81 2.61 -2.60	66.43 2.90 -13.59	-16.50 2.78 65.69	27.37 3.05 24.36	82.08 2.96 -33.25	65.12 3.09 -16.06	66.97 3.02 -13.25	-203.31 2.96 253.82	76.51 3.13 -22.40	-1.15 2.92 52.70	26.18 3.36 36.65	-92.04 2.56 141.15	-206.78 2.35 252.99	-191.52 2.31 234.01	28.21 1.72 1.84
BARRETT_IC_11 23702	63.00 3.13 -18.21	34.11 2.17 0.00	29.67 1.81 0.00	30.72 1.71 0.00	35.34 1.68 0.00	43.97 1.87 0.00	37.64 1.82 0.00	45.92 2.37 0.00	52.88 2.70 0.00	50.81 2.61 -2.60	66.43 2.90 -13.59	-16.50 2.78 65.69	27.37 3.05 24.36	82.08 2.96 -33.25	65.12 3.09 -16.06	66.97 3.02 -13.25	-203.31 2.96 253.82	76.51 3.13 -22.40	-1.15 2.92 52.70	26.18 3.36 36.65	-92.04 2.56 141.15	-206.78 2.35 252.99	-191.52 2.31 234.01	28.21 1.72 1.84
BARRETT_IC_12 23703	63.00 3.13 -18.21	34.11 2.17 0.00	29.67 1.81 0.00	30.72 1.71 0.00	35.34 1.68 0.00	43.97 1.87 0.00	37.64 1.82 0.00	45.92 2.37 0.00	52.88 2.70 0.00	50.81 2.61 -2.60	66.43 2.90 -13.59	-16.50 2.78 65.69	27.37 3.05 24.36	82.08 2.96 -33.25	65.12 3.09 -16.06	66.97 3.02 -13.25	-203.31 2.96 253.82	76.51 3.13 -22.40	-1.15 2.92 52.70	26.18 3.36 36.65	-92.04 2.56 141.15	-206.78 2.35 252.99	-191.52 2.31 234.01	28.21 1.72 1.84
BARRETT_IC_2 23705	63.00 3.13 -18.21	34.11 2.17 0.00	29.67 1.81 0.00	30.72 1.71 0.00	35.34 1.68 0.00	43.97 1.87 0.00	37.64 1.82 0.00	45.92 2.37 0.00	52.88 2.70 0.00	56.03 2.61 -7.82	101.98 2.90 -49.14	119.62 2.78 -70.42	394.87 3.05 -343.14	192.96 2.96 -144.14	96.45 3.09 -47.39	93.28 3.02 -39.56	314.15 2.96 -263.64	121.59 3.13 -67.48	115.07 2.92 -63.52	91.30 3.36 -28.48	103.47 2.56 -54.36	91.78 2.35 -45.58	231.81 2.31 -189.33	129.74 1.72 -99.70
BARRETT_IC_3 23706	63.00 3.13 -18.21	34.11 2.17 0.00	29.67 1.81 0.00	30.72 1.71 0.00	35.34 1.68 0.00	43.97 1.87 0.00	37.64 1.82 0.00	45.92 2.37 0.00	52.88 2.70 0.00	56.03 2.61 -7.82	101.98 2.90 -49.14	119.62 2.78 -70.42	394.87 3.05 -343.14	192.96 2.96 -144.14	96.45 3.09 -47.39	93.28 3.02 -39.56	314.15 2.96 -263.64	121.59 3.13 -67.48	115.07 2.92 -63.52	91.30 3.36 -28.48	103.47 2.56 -54.36	91.78 2.35 -45.58	231.81 2.31 -189.33	129.74 1.72 -99.70
BARRETT_IC_4 23707	63.00 3.13 -18.21	34.11 2.17 0.00	29.67 1.81 0.00	30.72 1.71 0.00	35.34 1.68 0.00	43.97 1.87 0.00	37.64 1.82 0.00	45.92 2.37 0.00	52.88 2.70 0.00	56.03 2.61 -7.82	101.98 2.90 -49.14	119.62 2.78 -70.42	394.87 3.05 -343.14	192.96 2.96 -144.14	96.45 3.09 -47.39	93.28 3.02 -39.56	314.15 2.96 -263.64	121.59 3.13 -67.48	115.07 2.92 -63.52	91.30 3.36 -28.48	103.47 2.56 -54.36	91.78 2.35 -45.58	231.81 2.31 -189.33	129.74 1.72 -99.70
BARRETT_IC_5 23708	63.00 3.13 -18.21	34.11 2.17 0.00	29.67 1.81 0.00	30.72 1.71 0.00	35.34 1.68 0.00	43.97 1.87 0.00	37.64 1.82 0.00	45.92 2.37 0.00	52.88 2.70 0.00	56.03 2.61 -7.82	101.98 2.90 -49.14	119.62 2.78 -70.42	394.87 3.05 -343.14	192.96 2.96 -144.14	96.45 3.09 -47.39	93.28 3.02 -39.56	314.15 2.96 -263.64	121.59 3.13 -67.48	115.07 2.92 -63.52	91.30 3.36 -28.48	103.47 2.56 -54.36	91.78 2.35 -45.58	231.81 2.31 -189.33	129.74 1.72 -99.70

BARRETT_IC_6 23709	63.00 3.13 -18.21	34.11 2.17 0.00	29.67 1.81 0.00	30.72 1.71 0.00	35.34 1.68 0.00	43.97 1.87 0.00	37.64 1.82 0.00	45.92 2.37 0.00	52.88 2.70 0.00	56.03 2.61 -7.82	101.98 2.90 -49.14	119.62 2.78 -70.42	394.87 3.05 -343.14	192.96 2.96 -144.14	96.45 3.09 -47.39	93.28 3.02 -39.56	314.15 2.96 -263.64	121.59 3.13 -67.48	115.07 2.92 -63.52	91.30 3.36 -28.48	103.47 2.56 -54.36	91.78 2.35 -45.58	231.81 2.31 -189.33	129.74 1.72 -99.70
BARRETT_IC_7 23710	63.02 3.16 -18.21	34.11 2.17 0.00	29.67 1.81 0.00	30.71 1.70 0.00	35.35 1.68 0.00	43.97 1.87 0.00	37.64 1.82 0.00	45.92 2.37 0.00	52.88 2.69 0.00	56.04 2.62 -7.82	101.98 2.90 -49.14	119.64 2.80 -70.42	394.95 3.14 -343.14	193.01 3.00 -144.14	96.45 3.09 -47.39	93.28 3.02 -39.56	314.20 3.00 -263.64	121.59 3.13 -67.48	115.10 2.95 -63.52	91.32 3.38 -28.48	103.49 2.58 -54.36	91.84 2.40 -45.58	231.84 2.34 -189.33	129.76 1.75 -99.70
BARRETT_IC_8 23711	63.00 3.13 -18.21	34.11 2.17 0.00	29.67 1.81 0.00	30.72 1.71 0.00	35.34 1.68 0.00	43.97 1.87 0.00	37.64 1.82 0.00	45.92 2.37 0.00	52.88 2.70 0.00	56.03 2.61 -7.82	101.98 2.90 -49.14	119.62 2.78 -70.42	394.87 3.05 -343.14	192.96 2.96 -144.14	96.45 3.09 -47.39	93.28 3.02 -39.56	314.15 2.96 -263.64	121.59 3.13 -67.48	115.07 2.92 -63.52	91.30 3.36 -28.48	103.47 2.56 -54.36	91.78 2.35 -45.58	231.81 2.31 -189.33	129.74 1.72 -99.70
BARRETT_IC_9 23700	63.00 3.13 -18.21	34.11 2.17 0.00	29.67 1.81 0.00	30.72 1.71 0.00	35.34 1.68 0.00	43.97 1.87 0.00	37.64 1.82 0.00	45.92 2.37 0.00	52.88 2.70 0.00	50.81 2.61 -2.60	66.43 2.90 -13.59	-16.50 2.78 65.69	27.37 3.05 24.36	82.08 2.96 -33.25	65.12 3.09 -16.06	66.97 3.02 -13.25	-203.31 2.96 253.82	76.51 3.13 -22.40	-1.15 2.92 52.70	26.18 3.36 36.65	-92.04 2.56 141.15	-206.78 2.35 252.99	-191.52 2.31 234.01	28.21 1.72 1.84
BARRETT___1 23545	63.00 3.13 -18.21	34.11 2.17 0.00	29.67 1.81 0.00	30.72 1.71 0.00	35.34 1.68 0.00	43.97 1.87 0.00	37.64 1.82 0.00	45.92 2.37 0.00	52.88 2.70 0.00	56.03 2.61 -7.82	101.98 2.90 -49.14	119.62 2.78 -70.43	394.87 3.05 -343.14	192.96 2.96 -144.14	96.45 3.09 -47.39	93.28 3.02 -39.56	314.15 2.96 -263.64	121.59 3.13 -67.48	115.07 2.92 -63.52	91.30 3.36 -28.48	103.47 2.56 -54.36	91.78 2.35 -45.58	231.81 2.31 -189.33	129.74 1.72 -99.70
BARRETT___2 23546	63.00 3.13 -18.21	34.11 2.17 0.00	29.67 1.81 0.00	30.72 1.71 0.00	35.34 1.68 0.00	43.97 1.87 0.00	37.64 1.82 0.00	45.92 2.37 0.00	52.88 2.70 0.00	50.81 2.61 -2.60	66.43 2.90 -13.59	-16.50 2.78 65.69	27.37 3.05 24.36	82.08 2.96 -33.25	65.12 3.09 -16.06	66.97 3.02 -13.25	-203.31 2.96 253.82	76.51 3.13 -22.40	-1.15 2.92 52.70	26.18 3.36 36.65	-92.04 2.56 141.15	-206.78 2.35 252.99	-191.52 2.31 234.01	28.21 1.72 1.84
BATAVIA___115KV_TB1 55881	40.59 -1.07 0.00	31.21 -0.73 0.00	27.18 -0.68 0.00	28.29 -0.71 0.00	33.27 -0.39 0.00	41.42 -0.68 0.00	34.92 -0.91 0.00	41.68 -1.88 0.00	47.96 -2.22 0.00	43.79 -1.81 0.00	48.73 -1.21 0.00	44.59 -1.82 0.00	46.83 -1.84 0.00	44.28 -1.59 0.00	44.25 -1.72 0.00	48.18 -2.51 0.00	45.06 -2.49 0.00	48.36 -2.62 0.00	46.51 -2.11 0.00	57.64 -1.83 0.00	45.50 -1.05 0.00	43.24 -0.62 0.00	39.07 -1.11 0.00	27.40 -0.91 0.00
BAYONEEC___CTG1 323682	44.26 2.60 0.00	33.88 1.93 0.00	29.50 1.64 0.00	30.53 1.52 0.00	35.21 1.55 0.00	43.89 1.79 0.00	37.74 1.92 0.00	46.25 2.64 -0.05	53.14 2.95 0.00	48.35 2.75 0.00	52.84 2.90 0.00	49.21 2.80 0.00	51.72 3.05 0.00	48.80 2.94 0.00	48.98 3.02 0.00	53.78 3.08 0.00	50.55 3.00 0.00	54.23 3.26 0.00	51.73 3.10 0.00	63.16 3.69 0.00	49.33 2.78 0.00	46.49 2.52 -0.12	43.00 2.50 -0.33	31.04 1.85 -0.88
BAYONEEC___CTG10 323750	44.26 2.60 0.00	33.88 1.93 0.00	29.50 1.64 0.00	30.53 1.52 0.00	35.21 1.55 0.00	43.89 1.79 0.00	37.74 1.92 0.00	46.25 2.64 -0.05	53.14 2.95 0.00	48.35 2.75 0.00	52.84 2.90 0.00	49.21 2.80 0.00	51.72 3.05 0.00	48.80 2.94 0.00	48.98 3.02 0.00	53.78 3.08 0.00	50.55 3.00 0.00	54.23 3.26 0.00	51.73 3.10 0.00	63.16 3.69 0.00	49.33 2.78 0.00	46.49 2.52 -0.12	43.00 2.50 -0.33	31.04 1.85 -0.88
BAYONEEC___CTG2 323683	44.26 2.60 0.00	33.88 1.93 0.00	29.50 1.64 0.00	30.53 1.52 0.00	35.21 1.55 0.00	43.89 1.79 0.00	37.74 1.92 0.00	46.25 2.64 -0.05	53.14 2.95 0.00	48.35 2.75 0.00	52.84 2.90 0.00	49.21 2.80 0.00	51.72 3.05 0.00	48.80 2.94 0.00	48.98 3.02 0.00	53.78 3.08 0.00	50.55 3.00 0.00	54.23 3.26 0.00	51.73 3.10 0.00	63.16 3.69 0.00	49.33 2.78 0.00	46.49 2.52 -0.12	43.00 2.50 -0.33	31.04 1.85 -0.88
BAYONEEC___CTG3 323684	44.26 2.60 0.00	33.88 1.93 0.00	29.50 1.64 0.00	30.53 1.52 0.00	35.21 1.55 0.00	43.89 1.79 0.00	37.74 1.92 0.00	46.25 2.64 -0.05	53.14 2.95 0.00	48.35 2.75 0.00	52.84 2.90 0.00	49.21 2.80 0.00	51.72 3.05 0.00	48.80 2.94 0.00	48.98 3.02 0.00	53.78 3.08 0.00	50.55 3.00 0.00	54.23 3.26 0.00	51.73 3.10 0.00	63.16 3.69 0.00	49.33 2.78 0.00	46.49 2.52 -0.12	43.00 2.50 -0.33	31.04 1.85 -0.88
BAYONEEC___CTG4 323685	44.26 2.60 0.00	33.88 1.93 0.00	29.50 1.64 0.00	30.53 1.52 0.00	35.21 1.55 0.00	43.89 1.79 0.00	37.74 1.92 0.00	46.25 2.64 -0.05	53.14 2.95 0.00	48.35 2.75 0.00	52.84 2.90 0.00	49.21 2.80 0.00	51.72 3.05 0.00	48.80 2.94 0.00	48.98 3.02 0.00	53.78 3.08 0.00	50.55 3.00 0.00	54.23 3.26 0.00	51.73 3.10 0.00	63.16 3.69 0.00	49.33 2.78 0.00	46.49 2.52 -0.12	43.00 2.50 -0.33	31.04 1.85 -0.88
BAYONEEC___CTG5 323686	44.26 2.60 0.00	33.88 1.93 0.00	29.50 1.64 0.00	30.53 1.52 0.00	35.21 1.55 0.00	43.89 1.79 0.00	37.74 1.92 0.00	46.25 2.64 -0.05	53.14 2.95 0.00	48.35 2.75 0.00	52.84 2.90 0.00	49.21 2.80 0.00	51.72 3.05 0.00	48.80 2.94 0.00	48.98 3.02 0.00	53.78 3.08 0.00	50.55 3.00 0.00	54.23 3.26 0.00	51.73 3.10 0.00	63.16 3.69 0.00	49.33 2.78 0.00	46.49 2.52 -0.12	43.00 2.50 -0.33	31.04 1.85 -0.88
BAYONEEC___CTG6 323687	44.26 2.60 0.00	33.88 1.93 0.00	29.50 1.64 0.00	30.53 1.52 0.00	35.21 1.55 0.00	43.89 1.79 0.00	37.74 1.92 0.00	46.25 2.64 -0.05	53.14 2.95 0.00	48.35 2.75 0.00	52.84 2.90 0.00	49.21 2.80 0.00	51.72 3.05 0.00	48.80 2.94 0.00	48.98 3.02 0.00	53.78 3.08 0.00	50.55 3.00 0.00	54.23 3.26 0.00	51.73 3.10 0.00	63.16 3.69 0.00	49.33 2.78 0.00	46.49 2.52 -0.12	43.00 2.50 -0.33	31.04 1.85 -0.88
BAYONEEC___CTG7 323688	44.26 2.60 0.00	33.88 1.93 0.00	29.50 1.64 0.00	30.53 1.52 0.00	35.21 1.55 0.00	43.89 1.79 0.00	37.74 1.92 0.00	46.25 2.64 -0.05	53.14 2.95 0.00	48.35 2.75 0.00	52.84 2.90 0.00	49.21 2.80 0.00	51.72 3.05 0.00	48.80 2.94 0.00	48.98 3.02 0.00	53.78 3.08 0.00	50.55 3.00 0.00	54.23 3.26 0.00	51.73 3.10 0.00	63.16 3.69 0.00	49.33 2.78 0.00	46.49 2.52 -0.12	43.00 2.50 -0.33	31.04 1.85 -0.88

BAYONEEC___CTG8 323689	44.26 2.60 0.00	33.88 1.93 0.00	29.50 1.64 0.00	30.53 1.52 0.00	35.21 1.55 0.00	43.89 1.79 0.00	37.74 1.92 0.00	46.25 2.64 -0.05	53.14 2.95 0.00	48.35 2.75 0.00	52.84 2.90 0.00	49.21 2.80 0.00	51.72 3.05 0.00	48.80 2.94 0.00	48.98 3.02 0.00	53.78 3.08 0.00	50.55 3.00 0.00	54.23 3.26 0.00	51.73 3.10 0.00	63.16 3.69 0.00	49.33 2.78 0.00	46.49 2.52 -0.12	43.00 2.50 -0.33	31.04 1.85 -0.88
BAYONEEC___CTG9 323749	44.26 2.60 0.00	33.88 1.93 0.00	29.50 1.64 0.00	30.53 1.52 0.00	35.21 1.55 0.00	43.89 1.79 0.00	37.74 1.92 0.00	46.25 2.64 -0.05	53.14 2.95 0.00	48.35 2.75 0.00	52.84 2.90 0.00	49.21 2.80 0.00	51.72 3.05 0.00	48.80 2.94 0.00	48.98 3.02 0.00	53.78 3.08 0.00	50.55 3.00 0.00	54.23 3.26 0.00	51.73 3.10 0.00	63.16 3.69 0.00	49.33 2.78 0.00	46.49 2.52 -0.12	43.00 2.50 -0.33	31.04 1.85 -0.88
BEACON___LESR 323632	42.92 1.26 0.00	32.97 1.03 0.00	28.76 0.89 0.00	29.87 0.86 0.00	34.47 0.81 0.00	43.02 0.92 0.00	36.74 0.92 0.00	44.88 1.33 0.00	51.63 1.45 0.00	46.85 1.26 0.00	51.20 1.27 0.00	47.74 1.32 0.00	50.10 1.43 0.00	47.19 1.33 0.00	47.39 1.42 0.00	52.23 1.53 0.00	49.01 1.45 0.00	52.59 1.61 0.00	50.18 1.56 0.00	61.42 1.95 0.00	47.87 1.31 0.00	45.10 1.24 0.00	41.38 1.20 0.00	29.24 0.93 0.00
BEAVER RIVER___HYD 24048	40.89 -0.77 0.00	31.35 -0.60 0.00	27.29 -0.58 0.00	28.44 -0.57 0.00	33.21 -0.45 0.00	41.97 -0.13 0.00	35.77 -0.05 0.00	43.32 -0.23 0.00	49.79 -0.40 0.00	44.96 -0.64 0.00	49.36 -0.57 0.00	45.32 -1.10 0.00	47.02 -1.65 0.00	44.34 -1.52 0.00	44.51 -1.45 0.00	49.67 -1.03 0.00	46.36 -1.20 0.00	49.38 -1.59 0.00	47.40 -1.22 0.00	58.77 -0.70 0.00	45.41 -1.14 0.00	42.16 -1.69 0.00	38.37 -1.81 0.00	23.88 -1.36 3.08
BEEBEE_GT_13 23619	40.70 -0.96 0.00	31.28 -0.66 0.00	27.25 -0.62 0.00	28.32 -0.69 0.00	33.10 -0.56 0.00	41.35 -0.75 0.00	34.94 -0.88 0.00	41.98 -1.57 0.00	48.33 -1.86 0.00	44.05 -1.55 0.00	48.85 -1.09 0.00	45.01 -1.40 0.00	47.23 -1.44 0.00	44.65 -1.22 0.00	44.58 -1.38 0.00	48.84 -1.85 0.00	45.82 -1.74 0.00	49.06 -1.92 0.00	46.88 -1.75 0.00	57.79 -1.68 0.00	45.46 -1.09 0.00	43.09 -0.77 0.00	39.10 -1.07 0.00	27.44 -0.88 0.00
BENSHRST_27_KV_BENSHRST_1 355998	44.65 2.99 0.00	34.16 2.22 0.00	29.71 1.85 0.00	30.75 1.74 0.00	35.47 1.81 0.00	44.21 2.11 0.00	38.06 2.24 0.00	46.87 2.97 -0.35	53.48 3.29 0.00	48.79 3.19 0.00	53.33 3.39 0.00	49.70 3.29 0.00	52.24 3.56 0.00	49.25 3.39 0.00	49.47 3.50 0.00	54.23 3.54 0.00	51.03 3.47 0.00	54.72 3.74 0.00	52.19 3.56 0.00	63.75 4.28 0.00	49.84 3.29 0.00	48.01 2.97 -1.18	46.27 2.83 -3.26	39.25 2.09 -8.84
BETHLEHEM___GRP 23843	42.34 0.68 0.00	32.57 0.63 0.00	28.43 0.57 0.00	29.50 0.49 0.00	34.02 0.36 0.00	42.33 0.24 0.00	36.14 0.31 0.00	44.17 0.62 0.00	50.72 0.54 0.00	46.11 0.51 0.00	50.33 0.39 0.00	46.94 0.53 0.00	49.24 0.56 0.00	46.38 0.51 0.00	46.55 0.58 0.00	51.29 0.60 0.00	48.17 0.61 0.00	51.65 0.68 0.00	49.29 0.66 0.00	60.27 0.81 0.00	47.07 0.52 0.00	44.34 0.49 0.00	40.72 0.55 0.00	28.79 0.47 0.00
BETHLEHEM___GS1 323560	42.34 0.68 0.00	32.57 0.63 0.00	28.43 0.57 0.00	29.49 0.49 0.00	34.02 0.36 0.00	42.33 0.24 0.00	36.13 0.31 0.00	44.17 0.62 0.00	50.72 0.54 0.00	46.11 0.51 0.00	50.33 0.39 0.00	46.94 0.52 0.00	49.22 0.54 0.00	46.38 0.51 0.00	46.56 0.59 0.00	51.29 0.60 0.00	48.16 0.60 0.00	51.65 0.68 0.00	49.29 0.66 0.00	60.27 0.81 0.00	47.07 0.51 0.00	44.34 0.49 0.00	40.73 0.55 0.00	28.79 0.47 0.00
BETHLEHEM___GS2 323561	42.34 0.68 0.00	32.57 0.63 0.00	28.43 0.57 0.00	29.49 0.49 0.00	34.02 0.36 0.00	42.33 0.24 0.00	36.13 0.31 0.00	44.17 0.62 0.00	50.72 0.54 0.00	46.11 0.51 0.00	50.33 0.39 0.00	46.94 0.52 0.00	49.22 0.54 0.00	46.38 0.51 0.00	46.56 0.59 0.00	51.29 0.60 0.00	48.16 0.60 0.00	51.65 0.68 0.00	49.29 0.66 0.00	60.27 0.81 0.00	47.07 0.51 0.00	44.34 0.49 0.00	40.73 0.55 0.00	28.79 0.47 0.00
BETHLEHEM___GS3 323562	42.34 0.68 0.00	32.57 0.63 0.00	28.43 0.57 0.00	29.49 0.49 0.00	34.02 0.36 0.00	42.33 0.24 0.00	36.13 0.31 0.00	44.17 0.62 0.00	50.72 0.54 0.00	46.11 0.51 0.00	50.33 0.39 0.00	46.94 0.52 0.00	49.22 0.54 0.00	46.38 0.51 0.00	46.56 0.59 0.00	51.29 0.60 0.00	48.16 0.60 0.00	51.65 0.68 0.00	49.29 0.66 0.00	60.27 0.81 0.00	47.07 0.51 0.00	44.34 0.49 0.00	40.73 0.55 0.00	28.79 0.47 0.00
BETHLEHEM___STEEL 23779	40.01 -1.65 0.00	30.88 -1.06 0.00	26.81 -1.06 0.00	27.93 -1.08 0.00	32.82 -0.84 0.00	40.87 -1.23 0.00	34.30 -1.52 0.00	40.78 -2.78 0.00	46.94 -3.25 0.00	42.95 -2.65 0.00	48.02 -1.92 0.00	44.12 -2.29 0.00	46.41 -2.27 0.00	43.90 -1.97 0.00	43.71 -2.26 0.00	47.65 -3.04 0.00	44.54 -3.01 0.00	47.49 -3.48 0.00	45.38 -3.25 0.00	56.30 -3.16 0.00	44.43 -2.12 0.00	42.41 -1.45 0.00	38.29 -1.88 0.00	26.87 -1.44 0.00
BETHLHEM_115KV_TB1 79974	42.43 0.77 0.00	32.64 0.70 0.00	28.49 0.63 0.00	29.56 0.55 0.00	34.11 0.45 0.00	42.44 0.35 0.00	36.22 0.40 0.00	44.26 0.71 0.00	50.83 0.64 0.00	46.19 0.59 0.00	50.43 0.49 0.00	47.01 0.60 0.00	49.30 0.63 0.00	46.46 0.60 0.00	46.63 0.66 0.00	51.40 0.70 0.00	48.28 0.72 0.00	51.77 0.80 0.00	49.40 0.78 0.00	60.40 0.94 0.00	47.19 0.64 0.00	44.45 0.59 0.00	40.82 0.64 0.00	28.85 0.53 0.00
BETHPAGE_CC_5 323564	45.59 3.44 -0.50	34.27 2.32 0.00	29.82 1.95 0.00	30.84 1.83 0.00	35.48 1.82 0.00	44.19 2.09 0.00	37.88 2.06 0.00	46.17 2.62 0.00	53.19 3.01 0.00	49.20 2.92 -0.68	57.47 3.33 -4.20	55.50 3.23 -5.85	78.16 3.58 -25.91	60.26 3.35 -11.04	54.98 3.39 -5.62	58.98 3.35 -4.94	67.48 3.33 -16.59	62.94 3.49 -8.47	72.75 3.33 -20.79	86.02 3.85 -22.69	74.80 2.91 -25.33	46.66 2.70 -0.11	63.53 2.76 -20.59	43.71 2.01 -13.38
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	40.09 -1.57 0.00	30.95 -0.99 0.00	26.86 -1.00 0.00	27.98 -1.03 0.00	32.88 -0.79 0.00	40.96 -1.14 0.00	34.38 -1.44 0.00	40.91 -2.64 0.00	47.10 -3.09 0.00	43.10 -2.50 0.00	48.17 -1.77 0.00	44.27 -2.15 0.00	46.56 -2.12 0.00	44.04 -1.83 0.00	43.85 -2.12 0.00	47.80 -2.90 0.00	44.69 -2.87 0.00	47.65 -3.32 0.00	45.52 -3.10 0.00	56.48 -2.99 0.00	44.57 -1.99 0.00	42.53 -1.33 0.00	38.39 -1.79 0.00	26.94 -1.38 0.00
BINGHAMTON___COGEN 23790	41.83 0.17 0.00	32.29 0.35 0.00	28.05 0.19 0.00	29.17 0.17 0.00	33.89 0.23 0.00	42.31 0.21 0.00	35.93 0.10 0.00	43.63 0.08 0.00	50.17 -0.02 0.00	45.64 0.04 0.00	50.06 0.12 0.00	46.36 -0.05 0.00	48.74 0.07 0.00	45.98 0.12 0.00	46.05 0.09 0.00	50.52 -0.17 0.00	47.52 -0.03 0.00	50.86 -0.12 0.00	48.42 -0.21 0.00	59.50 0.03 0.00	46.52 -0.03 0.00	43.98 0.12 0.00	40.09 -0.09 0.00	28.25 -0.07 0.00

BIXINCNT_115KV_LOAD 355685	40.23 -1.44 0.00	31.19 -0.76 0.00	27.05 -0.81 0.00	28.28 -0.73 0.00	33.24 -0.43 0.00	41.40 -0.69 0.00	34.84 -0.98 0.00	41.75 -1.81 0.00	48.12 -2.07 0.00	44.00 -1.59 0.00	49.00 -0.94 0.00	45.06 -1.36 0.00	47.47 -1.20 0.00	44.89 -0.98 0.00	44.62 -1.35 0.00	48.56 -2.14 0.00	45.19 -2.37 0.00	48.15 -2.83 0.00	45.95 -2.67 0.00	57.34 -2.12 0.00	45.27 -1.29 0.00	43.17 -0.69 0.00	38.80 -1.38 0.00	27.19 -1.13 0.00
BLACK RIVER___HYD 24047	41.07 -0.59 0.00	31.51 -0.44 0.00	27.45 -0.41 0.00	28.56 -0.45 0.00	33.39 -0.28 0.00	42.12 0.02 0.00	35.95 0.13 0.00	43.47 -0.08 0.00	49.84 -0.35 0.00	45.05 -0.55 0.00	49.39 -0.55 0.00	45.02 -1.39 0.00	46.52 -2.15 0.00	43.93 -1.94 0.00	44.13 -1.84 0.00	49.45 -1.25 0.00	46.30 -1.26 0.00	49.43 -1.55 0.00	47.52 -1.10 0.00	59.09 -0.37 0.00	45.78 -0.77 0.00	42.44 -1.42 0.00	38.48 -1.70 0.00	24.95 -1.27 2.09
BLACKRVR_115KV_TB2 79977	41.07 -0.59 0.00	31.51 -0.44 0.00	27.45 -0.41 0.00	28.56 -0.45 0.00	33.39 -0.28 0.00	42.12 0.02 0.00	35.95 0.13 0.00	43.47 -0.08 0.00	49.84 -0.35 0.00	45.05 -0.55 0.00	49.39 -0.55 0.00	45.02 -1.39 0.00	46.52 -2.15 0.00	43.93 -1.93 0.00	44.13 -1.84 0.00	49.45 -1.25 0.00	46.29 -1.27 0.00	49.43 -1.55 0.00	47.52 -1.10 0.00	59.09 -0.38 0.00	45.78 -0.77 0.00	42.44 -1.42 0.00	38.48 -1.70 0.00	24.95 -1.27 2.09
BLDWN_LI_69_KV_BK4 356085	49.74 3.40 -4.68	34.27 2.32 0.00	29.81 1.94 0.00	30.84 1.83 0.00	35.48 1.82 0.00	44.20 2.10 0.00	37.88 2.06 0.00	46.26 2.70 0.00	53.23 3.05 0.00	51.01 2.97 -2.44	68.64 3.38 -15.32	71.81 3.20 -22.19	156.37 3.58 -104.12	92.85 3.33 -43.65	65.94 3.34 -16.64	68.28 3.39 -14.20	130.66 3.35 -79.75	78.75 3.50 -24.28	86.39 3.32 -34.44	90.91 3.85 -27.60	85.87 2.94 -36.37	57.94 2.80 -11.28	108.03 2.74 -65.12	66.97 1.98 -36.67
BLISS_WT_PWR 323608	40.09 -1.57 0.00	31.12 -0.82 0.00	27.00 -0.87 0.00	28.23 -0.77 0.00	33.21 -0.46 0.00	41.38 -0.72 0.00	34.83 -0.99 0.00	41.77 -1.79 0.00	48.13 -2.06 0.00	44.03 -1.57 0.00	48.99 -0.95 0.00	45.07 -1.34 0.00	47.52 -1.15 0.00	44.90 -0.97 0.00	44.62 -1.35 0.00	48.55 -2.14 0.00	45.18 -2.38 0.00	48.08 -2.89 0.00	45.90 -2.72 0.00	57.35 -2.12 0.00	45.31 -1.24 0.00	43.22 -0.64 0.00	38.77 -1.41 0.00	27.15 -1.17 0.00
BLUESTONE___WT_PWR 323821	42.39 0.72 0.00	32.61 0.67 0.00	28.61 0.74 0.00	29.82 0.82 0.00	34.74 1.08 0.00	43.51 1.41 0.00	37.11 1.29 0.00	45.20 1.65 0.00	51.84 1.65 0.00	47.07 1.47 0.00	51.48 1.54 0.00	47.36 0.95 0.00	49.72 1.05 0.00	47.14 1.27 0.00	46.87 0.90 0.00	51.46 0.77 0.00	48.35 0.80 0.00	51.46 0.48 0.00	49.02 0.40 0.00	59.52 0.05 0.00	46.66 0.11 0.00	43.49 -0.37 0.00	39.77 -0.41 0.00	28.01 -0.31 0.00
BLUE_CIRC_CHEM_DRP 24182	42.89 1.24 0.00	33.01 1.07 0.00	28.81 0.94 0.00	29.90 0.89 0.00	34.56 0.89 0.00	43.02 0.92 0.00	36.61 0.78 0.00	44.68 1.13 0.00	51.27 1.08 0.00	46.49 0.88 0.00	50.83 0.89 0.00	47.29 0.87 0.00	49.61 0.93 0.00	46.74 0.88 0.00	46.93 0.96 0.00	51.76 1.07 0.00	48.73 1.17 0.00	52.26 1.28 0.00	49.87 1.24 0.00	60.99 1.52 0.00	47.68 1.13 0.00	44.87 1.01 0.00	41.20 1.02 0.00	29.11 0.79 0.00
BOC_GAS_DRP 24189	42.65 0.99 0.00	32.81 0.87 0.00	28.64 0.77 0.00	29.71 0.70 0.00	34.32 0.66 0.00	42.73 0.63 0.00	36.39 0.57 0.00	44.46 0.91 0.00	51.02 0.83 0.00	46.31 0.71 0.00	50.59 0.65 0.00	47.10 0.68 0.00	49.41 0.74 0.00	46.56 0.69 0.00	46.71 0.74 0.00	51.53 0.84 0.00	48.51 0.96 0.00	52.02 1.04 0.00	49.63 1.01 0.00	60.69 1.23 0.00	47.43 0.88 0.00	44.67 0.81 0.00	41.00 0.83 0.00	28.96 0.65 0.00
BOONVILLE_115KV_TB1 79983	42.02 0.36 0.00	32.24 0.29 0.00	28.06 0.19 0.00	29.18 0.17 0.00	33.95 0.29 0.00	42.68 0.58 0.00	36.38 0.56 0.00	44.20 0.65 0.00	50.85 0.66 0.00	46.01 0.40 0.00	50.38 0.44 0.00	46.63 0.21 0.00	48.70 0.03 0.00	45.95 0.09 0.00	46.10 0.13 0.00	51.09 0.39 0.00	47.88 0.32 0.00	51.18 0.20 0.00	48.98 0.36 0.00	60.28 0.81 0.00	46.82 0.27 0.00	43.80 -0.05 0.00	39.96 -0.22 0.00	27.34 -0.21 0.76
BORALEX_4TH_BRANCH 23824	43.70 2.04 0.00	33.43 1.50 0.00	29.18 1.31 0.00	30.23 1.22 0.00	34.84 1.18 0.00	43.45 1.35 0.00	37.06 1.24 0.00	45.44 1.88 0.00	52.17 1.98 0.00	47.38 1.78 0.00	51.66 1.72 0.00	48.22 1.81 0.00	50.53 1.86 0.00	47.62 1.76 0.00	47.78 1.81 0.00	52.65 1.96 0.00	49.44 1.88 0.00	52.92 1.95 0.00	50.59 1.97 0.00	61.96 2.49 0.00	48.20 1.64 0.00	45.57 1.71 0.00	41.88 1.70 0.00	29.59 1.28 0.00
BOWLINE___1 23526	43.80 2.14 0.00	33.54 1.59 0.00	29.20 1.33 0.00	30.25 1.24 0.00	34.91 1.25 0.00	43.52 1.43 0.00	37.36 1.54 0.00	45.66 2.11 0.00	52.55 2.36 0.00	47.81 2.21 0.00	52.30 2.36 0.00	48.71 2.29 0.00	51.16 2.49 0.00	48.22 2.36 0.00	48.40 2.44 0.00	53.26 2.56 0.00	50.06 2.51 0.00	53.74 2.77 0.00	51.28 2.65 0.00	62.71 3.25 0.00	48.92 2.37 0.00	46.02 2.16 0.00	42.27 2.10 0.00	29.83 1.51 0.00
BOWLINE___2 23595	43.80 2.14 0.00	33.54 1.59 0.00	29.20 1.33 0.00	30.25 1.24 0.00	34.91 1.25 0.00	43.52 1.43 0.00	37.37 1.55 0.00	45.68 2.12 0.00	52.57 2.38 0.00	47.81 2.21 0.00	52.30 2.36 0.00	48.71 2.30 0.00	51.16 2.49 0.00	48.22 2.36 0.00	48.41 2.44 0.00	53.26 2.56 0.00	50.06 2.51 0.00	53.74 2.77 0.00	51.28 2.65 0.00	62.71 3.25 0.00	48.92 2.37 0.00	46.02 2.16 0.00	42.27 2.10 0.00	29.83 1.51 0.00
BRADY___115KV_TB2 356060	40.91 -0.75 0.00	31.15 -0.80 0.00	27.27 -0.59 0.00	28.70 -0.31 0.00	33.54 -0.13 0.00	42.34 0.25 0.00	36.05 0.22 0.00	43.49 -0.06 0.00	50.56 0.38 0.00	45.80 0.20 0.00	50.27 0.34 0.00	46.57 0.15 0.00	48.64 -0.03 0.00	45.76 -0.11 0.00	45.92 -0.04 0.00	50.75 0.06 0.00	47.27 -0.29 0.00	50.54 -0.44 0.00	48.27 -0.35 0.00	59.47 0.00 0.00	46.52 -0.04 0.00	43.76 -0.10 0.00	39.99 -0.19 0.00	17.87 -0.26 10.18
BRANSCOMB___SOLAR 323811	43.66 2.00 0.00	33.53 1.59 0.00	29.26 1.39 0.00	30.33 1.32 0.00	35.04 1.38 0.00	43.74 1.64 0.00	37.39 1.57 0.00	45.83 2.27 0.00	52.57 2.39 0.00	47.69 2.08 0.00	52.04 2.10 0.00	48.43 2.02 0.00	50.80 2.12 0.00	47.85 1.98 0.00	48.00 2.03 0.00	52.98 2.29 0.00	49.89 2.33 0.00	53.58 2.61 0.00	51.17 2.54 0.00	62.69 3.22 0.00	48.80 2.25 0.00	45.92 2.06 0.00	42.12 1.95 0.00	29.68 1.36 0.00
BRDGHMPT_69_KV_BK1 55812	45.29 4.24 0.60	34.57 2.63 0.00	30.00 2.14 0.00	30.76 1.75 0.00	35.31 1.65 0.00	44.01 1.91 0.00	37.78 1.96 0.00	46.17 2.62 0.00	53.23 3.05 0.00	49.18 3.31 -0.27	56.25 4.71 -1.60	52.21 4.57 -1.23	60.36 4.82 -6.87	53.34 3.98 -3.49	52.19 4.19 -2.03	56.20 3.74 -1.77	45.27 3.78 6.07	57.80 3.79 -3.03	66.09 3.58 -13.89	81.82 4.10 -18.26	67.49 3.07 -17.87	41.29 2.81 5.38	46.01 2.74 -3.10	35.09 1.90 -4.88

BRENTWOD_69_KV_W. BRTWOOD 56703	45.04 3.87 0.49	34.55 2.61 0.00	30.07 2.21 0.00	31.07 2.07 0.00	35.71 2.05 0.00	44.46 2.36 0.00	38.08 2.25 0.00	46.47 2.92 0.00	53.55 3.37 0.00	49.21 3.30 -0.32	55.69 3.84 -1.91	51.93 3.73 -1.79	61.93 4.13 -9.13	54.05 3.80 -4.38	52.23 3.87 -2.40	56.55 3.77 -2.08	47.73 3.82 3.65	58.55 4.00 -3.58	67.09 3.85 -14.61	82.37 4.17 -18.73	68.34 3.09 -18.69	42.27 3.12 4.70	48.25 3.09 -4.98	36.29 2.23 -5.74
BRISTLHL_115KV_TB1 79998	40.82 -0.83 0.00	31.37 -0.58 0.00	27.34 -0.52 0.00	28.42 -0.58 0.00	33.02 -0.64 0.00	41.25 -0.85 0.00	34.96 -0.86 0.00	42.39 -1.16 0.00	48.80 -1.39 0.00	44.30 -1.30 0.00	48.54 -1.40 0.00	45.03 -1.38 0.00	47.21 -1.46 0.00	44.53 -1.34 0.00	44.67 -1.30 0.00	49.26 -1.44 0.00	46.29 -1.26 0.00	49.65 -1.33 0.00	47.36 -1.26 0.00	58.06 -1.41 0.00	45.46 -1.09 0.00	42.83 -1.02 0.00	39.11 -1.07 0.00	27.53 -0.79 0.00
BROOKHAVEN___DRP 24191	44.84 3.78 0.61	34.43 2.49 0.00	29.98 2.12 0.00	30.93 1.92 0.00	35.52 1.85 0.00	44.22 2.13 0.00	37.88 2.05 0.00	46.17 2.61 0.00	53.20 3.02 0.00	48.93 3.07 -0.27	55.32 3.79 -1.59	51.31 3.69 -1.22	59.51 4.04 -6.80	52.96 3.63 -3.46	51.73 3.74 -2.02	55.95 3.50 -1.76	45.00 3.59 6.15	57.71 3.72 -3.01	66.07 3.58 -13.87	81.76 4.05 -18.25	67.44 3.05 -17.84	41.31 2.85 5.40	46.09 2.87 -3.04	35.22 2.05 -4.85
BROOKLYN_NAVY_YARD 23515	44.25 2.60 0.00	33.88 1.94 0.00	29.52 1.65 0.00	30.53 1.52 0.00	35.21 1.54 0.00	43.89 1.79 0.00	37.73 1.91 0.00	46.18 2.63 0.00	53.10 2.92 0.00	48.32 2.73 0.00	52.85 2.84 -0.07	52.35 2.76 -3.18	56.56 2.96 -4.93	49.21 2.82 -0.52	48.86 2.90 0.00	53.67 2.98 0.00	61.45 2.88 -11.01	54.12 3.15 0.00	54.52 3.01 -2.88	65.07 3.57 -2.03	55.19 2.69 -5.95	55.49 2.41 -9.22	52.90 2.40 -10.32	31.62 1.81 -1.50
BROOKLYN___ARMY_DRP 323595	44.46 2.80 0.00	34.02 2.07 0.00	29.60 1.74 0.00	30.63 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.91 2.08 0.00	46.66 2.76 -0.35	53.23 3.04 0.00	48.55 2.95 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.29 0.00	49.02 3.15 0.00	49.21 3.24 0.00	53.96 3.26 0.00	50.77 3.22 0.00	54.44 3.46 0.00	51.92 3.29 0.00	63.41 3.95 0.00	49.57 3.02 0.00	47.77 2.73 -1.18	46.06 2.63 -3.26	39.12 1.96 -8.84
BROOME_2_LFGE 323671	41.84 0.18 0.00	32.29 0.35 0.00	28.05 0.19 0.00	29.17 0.16 0.00	33.89 0.23 0.00	42.31 0.21 0.00	35.93 0.11 0.00	43.63 0.08 0.00	50.18 -0.01 0.00	45.64 0.04 0.00	50.06 0.12 0.00	46.37 -0.04 0.00	48.75 0.07 0.00	45.98 0.12 0.00	46.05 0.09 0.00	50.52 -0.17 0.00	47.53 -0.03 0.00	50.87 -0.11 0.00	48.42 -0.20 0.00	59.49 0.03 0.00	46.52 -0.03 0.00	43.98 0.12 0.00	40.08 -0.09 0.00	28.25 -0.07 0.00
BROOME___LFGE 323600	41.84 0.18 0.00	32.29 0.35 0.00	28.05 0.19 0.00	29.17 0.16 0.00	33.89 0.23 0.00	42.31 0.21 0.00	35.93 0.11 0.00	43.63 0.08 0.00	50.18 -0.01 0.00	45.64 0.04 0.00	50.06 0.12 0.00	46.37 -0.04 0.00	48.75 0.07 0.00	45.98 0.12 0.00	46.05 0.09 0.00	50.52 -0.17 0.00	47.53 -0.03 0.00	50.87 -0.11 0.00	48.42 -0.20 0.00	59.49 0.03 0.00	46.52 -0.03 0.00	43.98 0.12 0.00	40.08 -0.09 0.00	28.25 -0.07 0.00
BROWNFLS_115KV_TB_3_5 80003	40.05 -1.61 0.00	30.66 -1.28 0.00	26.76 -1.10 0.00	28.02 -0.99 0.00	32.73 -0.93 0.00	41.35 -0.74 0.00	35.23 -0.58 0.00	42.61 -0.94 0.00	49.23 -0.95 0.00	44.54 -1.06 0.00	48.89 -1.05 0.00	45.07 -1.35 0.00	46.89 -1.78 0.00	44.15 -1.72 0.00	44.29 -1.67 0.00	49.27 -1.42 0.00	45.94 -1.62 0.00	48.99 -1.98 0.00	46.90 -1.72 0.00	57.96 -1.51 0.00	44.97 -1.58 0.00	41.97 -1.88 0.00	38.27 -1.91 0.00	20.97 -1.45 5.90
BROWNSV1_27_KV_LOAD 356125	44.65 2.99 0.00	34.16 2.22 0.00	29.75 1.88 0.00	30.77 1.76 0.00	35.49 1.82 0.00	44.26 2.17 0.00	38.08 2.26 0.00	46.63 3.07 0.00	53.65 3.46 0.00	48.86 3.27 0.00	53.40 3.46 0.00	49.73 3.32 0.00	52.27 3.60 0.00	49.30 3.43 0.00	49.49 3.52 0.00	54.33 3.63 0.00	51.08 3.52 0.00	54.79 3.82 0.00	52.25 3.63 0.00	63.82 4.35 0.00	49.85 3.30 0.00	46.84 2.98 0.00	43.07 2.89 0.00	30.42 2.10 0.00
BURROWS___LYONSDAL 23803	41.75 0.09 0.00	32.02 0.08 0.00	27.86 0.00 0.00	28.98 -0.02 0.00	33.76 0.10 0.00	42.51 0.41 0.00	36.23 0.41 0.00	43.99 0.43 0.00	50.58 0.39 0.00	45.72 0.13 0.00	50.11 0.17 0.00	46.30 -0.11 0.00	48.27 -0.40 0.00	45.53 -0.34 0.00	45.70 -0.27 0.00	50.74 0.04 0.00	47.47 -0.09 0.00	50.68 -0.30 0.00	48.54 -0.08 0.00	59.86 0.39 0.00	46.39 -0.16 0.00	43.29 -0.57 0.00	39.47 -0.71 0.00	26.54 -0.56 1.21
CAITHNESS_CC_1 323624	44.73 3.68 0.61	34.37 2.42 0.00	29.93 2.07 0.00	30.90 1.89 0.00	35.47 1.81 0.00	44.15 2.06 0.00	37.80 1.98 0.00	46.09 2.53 0.00	53.11 2.92 0.00	48.81 2.94 -0.27	55.14 3.62 -1.58	51.14 3.52 -1.20	59.28 3.87 -6.74	52.81 3.51 -3.44	51.58 3.60 -2.01	55.82 3.37 -1.75	44.75 3.40 6.21	57.57 3.60 -3.00	65.90 3.43 -13.85	81.57 3.87 -18.23	67.27 2.90 -17.82	41.15 2.71 5.41	45.96 2.79 -2.99	35.15 2.01 -4.83
CALPINE BETH_PAGE_GT4 24209	45.99 3.37 -0.96	34.22 2.28 0.00	29.78 1.92 0.00	30.80 1.79 0.00	35.44 1.78 0.00	44.14 2.04 0.00	37.82 2.00 0.00	46.02 2.46 0.00	53.02 2.83 0.00	49.31 2.77 -0.94	58.95 3.13 -5.88	57.98 3.05 -8.52	89.78 3.39 -37.71	64.87 3.15 -15.85	56.43 3.19 -7.27	60.17 3.15 -6.33	77.42 3.17 -26.69	65.11 3.29 -10.84	75.70 3.17 -23.91	87.86 3.65 -24.74	78.11 2.77 -28.80	49.14 2.57 -2.72	71.32 2.68 -28.46	47.39 1.95 -17.13
CALPINE_BETH_PAGE_GT_4 323586	45.98 3.36 -0.96	34.22 2.28 0.00	29.78 1.92 0.00	30.80 1.79 0.00	35.44 1.78 0.00	44.14 2.04 0.00	37.82 2.00 0.00	46.02 2.46 0.00	53.02 2.84 0.00	49.31 2.76 -0.94	58.94 3.12 -5.88	57.98 3.05 -8.52	89.78 3.39 -37.71	64.89 3.17 -15.85	56.43 3.20 -7.27	60.17 3.15 -6.33	77.39 3.14 -26.69	65.11 3.29 -10.84	75.69 3.15 -23.91	87.86 3.65 -24.74	78.10 2.75 -28.80	49.10 2.53 -2.72	71.32 2.69 -28.46	47.40 1.95 -17.13
CALPINE_BP_GT1 23823	45.98 3.36 -0.96	34.22 2.28 0.00	29.78 1.92 0.00	30.80 1.79 0.00	35.44 1.78 0.00	44.14 2.04 0.00	37.82 2.00 0.00	46.02 2.46 0.00	53.02 2.84 0.00	49.31 2.76 -0.94	58.94 3.12 -5.88	57.98 3.05 -8.52	89.78 3.39 -37.71	64.89 3.17 -15.85	56.43 3.20 -7.27	60.17 3.15 -6.33	77.39 3.14 -26.69	65.11 3.29 -10.84	75.69 3.15 -23.91	87.86 3.65 -24.74	78.10 2.75 -28.80	49.10 2.53 -2.72	71.32 2.69 -28.46	47.40 1.95 -17.13
CALSPAN___DRP 24200	40.01 -1.65 0.00	30.88 -1.06 0.00	26.81 -1.06 0.00	27.93 -1.08 0.00	32.82 -0.84 0.00	40.87 -1.23 0.00	34.30 -1.52 0.00	40.78 -2.78 0.00	46.94 -3.25 0.00	42.95 -2.65 0.00	48.02 -1.92 0.00	44.12 -2.29 0.00	46.41 -2.27 0.00	43.90 -1.97 0.00	43.71 -2.26 0.00	47.65 -3.04 0.00	44.54 -3.01 0.00	47.49 -3.48 0.00	45.38 -3.25 0.00	56.30 -3.16 0.00	44.43 -2.12 0.00	42.41 -1.45 0.00	38.29 -1.88 0.00	26.87 -1.44 0.00

CALVERTON___SOLAR 323806	44.94 3.88 0.60	34.49 2.55 0.00	30.03 2.16 0.00	30.96 1.95 0.00	35.54 1.88 0.00	44.27 2.17 0.00	37.93 2.10 0.00	46.23 2.68 0.00	53.30 3.11 0.00	49.02 3.16 -0.27	55.50 3.97 -1.59	51.46 3.83 -1.22	59.69 4.19 -6.82	53.08 3.75 -3.47	51.85 3.87 -2.02	56.07 3.62 -1.76	45.07 3.64 6.12	57.83 3.84 -3.02	66.16 3.66 -13.87	81.89 4.17 -18.25	67.52 3.12 -17.85	41.36 2.90 5.39	46.17 2.93 -3.06	35.27 2.10 -4.86
CANDIGU_WT_PWR 323617	40.73 -0.93 0.00	31.60 -0.34 0.00	27.37 -0.49 0.00	28.57 -0.44 0.00	33.42 -0.24 0.00	41.73 -0.37 0.00	35.29 -0.54 0.00	42.52 -1.04 0.00	48.77 -1.41 0.00	44.45 -1.16 0.00	48.85 -1.09 0.00	44.92 -1.49 0.00	47.28 -1.40 0.00	44.71 -1.15 0.00	44.41 -1.56 0.00	48.57 -2.12 0.00	45.75 -1.81 0.00	49.15 -1.82 0.00	46.69 -1.94 0.00	57.33 -2.14 0.00	44.69 -1.86 0.00	42.45 -1.41 0.00	38.41 -1.76 0.00	27.05 -1.27 0.00
CARR STREET_E_SYR 24060	41.26 -0.39 0.00	31.73 -0.21 0.00	27.64 -0.22 0.00	28.73 -0.28 0.00	33.38 -0.28 0.00	41.69 -0.41 0.00	35.48 -0.34 0.00	43.03 -0.52 0.00	49.39 -0.80 0.00	44.86 -0.73 0.00	49.23 -0.71 0.00	45.68 -0.74 0.00	47.92 -0.75 0.00	45.24 -0.63 0.00	45.33 -0.64 0.00	49.91 -0.78 0.00	46.92 -0.64 0.00	50.26 -0.71 0.00	47.94 -0.68 0.00	58.76 -0.71 0.00	46.02 -0.53 0.00	43.39 -0.46 0.00	39.61 -0.57 0.00	27.88 -0.43 0.00
CARTHAGE___PAPER 23857	41.24 -0.42 0.00	31.61 -0.34 0.00	27.53 -0.34 0.00	28.68 -0.33 0.00	33.52 -0.14 0.00	42.36 0.26 0.00	36.15 0.33 0.00	43.72 0.17 0.00	50.21 0.02 0.00	45.34 -0.27 0.00	49.74 -0.20 0.00	45.47 -0.94 0.00	47.13 -1.55 0.00	44.43 -1.44 0.00	44.62 -1.35 0.00	49.90 -0.79 0.00	46.66 -0.90 0.00	49.76 -1.22 0.00	47.81 -0.81 0.00	59.36 -0.11 0.00	45.93 -0.62 0.00	42.60 -1.26 0.00	38.69 -1.49 0.00	24.71 -1.13 2.47
CASSADAGA_WT_PWR 323784	40.06 -1.60 0.00	31.03 -0.91 0.00	26.77 -1.10 0.00	28.39 -0.62 0.00	33.46 -0.20 0.00	41.82 -0.28 0.00	35.25 -0.57 0.00	42.24 -1.31 0.00	48.75 -1.44 0.00	44.64 -0.96 0.00	49.87 -0.07 0.00	45.55 -0.87 0.00	47.95 -0.73 0.00	45.09 -0.77 0.00	44.98 -0.99 0.00	48.89 -1.81 0.00	45.57 -1.99 0.00	48.18 -2.79 0.00	46.37 -2.26 0.00	58.09 -1.38 0.00	45.49 -1.06 0.00	43.46 -0.39 0.00	38.90 -1.28 0.00	27.19 -1.13 0.00
CE_DUNWOOD___DRP 24194	43.97 2.31 0.00	33.68 1.74 0.00	29.34 1.47 0.00	30.37 1.37 0.00	35.04 1.38 0.00	43.69 1.59 0.00	37.50 1.68 0.00	45.88 2.32 0.00	52.82 2.63 0.00	48.06 2.46 0.00	52.55 2.61 0.00	48.95 2.54 0.00	51.44 2.77 0.00	48.46 2.59 0.00	48.66 2.69 0.00	53.50 2.80 0.00	50.28 2.72 0.00	53.97 2.99 0.00	51.49 2.87 0.00	62.94 3.47 0.00	49.11 2.56 0.00	46.19 2.33 0.00	42.45 2.27 0.00	29.95 1.64 0.00
CE_MILLWOOD___DRP 24193	43.92 2.26 0.00	33.64 1.69 0.00	29.29 1.43 0.00	30.34 1.33 0.00	35.00 1.34 0.00	43.63 1.54 0.00	37.45 1.63 0.00	45.81 2.25 0.00	52.73 2.54 0.00	47.97 2.37 0.00	52.46 2.52 0.00	48.86 2.45 0.00	51.34 2.67 0.00	48.37 2.50 0.00	48.56 2.60 0.00	53.40 2.70 0.00	50.20 2.64 0.00	53.88 2.90 0.00	51.42 2.79 0.00	62.84 3.37 0.00	49.04 2.49 0.00	46.13 2.28 0.00	42.39 2.21 0.00	29.91 1.59 0.00
CE_NYC2_DRP 24202	44.35 2.69 0.00	33.93 1.99 0.00	29.55 1.69 0.00	30.57 1.56 0.00	35.25 1.59 0.00	43.94 1.84 0.00	37.80 1.98 0.00	46.27 2.71 0.00	53.26 3.07 0.00	48.50 2.90 0.00	53.02 3.09 0.00	49.40 2.99 0.00	51.91 3.24 0.00	48.94 3.07 0.00	49.14 3.17 0.00	53.93 3.24 0.00	50.72 3.16 0.00	54.38 3.40 0.00	51.86 3.24 0.00	63.28 3.81 0.00	49.45 2.90 0.00	46.48 2.62 0.00	42.72 2.54 0.00	30.22 1.90 0.00
CE_NYC_DRP 24195	44.36 2.70 0.00	33.94 2.00 0.00	29.57 1.70 0.00	30.60 1.59 0.00	35.28 1.62 0.00	44.00 1.90 0.00	37.82 2.00 0.00	46.32 2.76 0.00	53.30 3.11 0.00	48.53 2.93 0.00	53.03 3.09 0.00	49.39 2.98 0.00	51.91 3.24 0.00	48.95 3.09 0.00	49.14 3.18 0.00	53.96 3.26 0.00	50.73 3.17 0.00	54.40 3.42 0.00	51.89 3.26 0.00	63.36 3.89 0.00	49.49 2.93 0.00	46.51 2.65 0.00	42.78 2.60 0.00	30.23 1.91 0.00
CHAFFEE___LFGE 323603	40.18 -1.48 0.00	31.03 -0.91 0.00	26.92 -0.94 0.00	28.04 -0.97 0.00	32.94 -0.72 0.00	41.04 -1.05 0.00	34.45 -1.37 0.00	41.04 -2.52 0.00	47.21 -2.98 0.00	43.21 -2.39 0.00	48.27 -1.67 0.00	44.35 -2.06 0.00	46.64 -2.03 0.00	44.11 -1.75 0.00	43.93 -2.04 0.00	47.90 -2.79 0.00	44.83 -2.73 0.00	47.77 -3.20 0.00	45.69 -2.93 0.00	56.67 -2.80 0.00	44.70 -1.85 0.00	42.65 -1.21 0.00	38.51 -1.67 0.00	27.01 -1.30 0.00
CHATEAUG_35_KV_LOAD 355732	40.67 -0.99 0.00	30.93 -1.02 0.00	27.02 -0.85 0.00	28.33 -0.68 0.00	33.14 -0.52 0.00	41.77 -0.33 0.00	35.60 -0.22 0.00	43.22 -0.34 0.00	50.24 0.05 0.00	45.66 0.06 0.00	50.19 0.25 0.00	46.56 0.15 0.00	48.57 -0.10 0.00	45.39 -0.48 0.00	45.34 -0.62 0.00	50.30 -0.39 0.00	46.65 -0.91 0.00	49.76 -1.21 0.00	47.49 -1.14 0.00	58.46 -1.01 0.00	45.64 -0.92 0.00	42.66 -1.20 0.00	38.99 -1.19 0.00	16.34 -0.95 11.02
CHATEAUG_WT_PWR 323614	40.70 -0.95 0.00	30.99 -0.95 0.00	27.06 -0.81 0.00	28.34 -0.66 0.00	33.17 -0.49 0.00	41.77 -0.33 0.00	35.58 -0.24 0.00	43.20 -0.36 0.00	50.23 0.04 0.00	45.68 0.08 0.00	50.21 0.27 0.00	46.60 0.18 0.00	48.59 -0.08 0.00	45.43 -0.43 0.00	45.41 -0.56 0.00	50.32 -0.37 0.00	46.63 -0.93 0.00	49.75 -1.22 0.00	47.47 -1.15 0.00	58.34 -1.12 0.00	45.56 -0.99 0.00	42.59 -1.27 0.00	38.96 -1.22 0.00	16.09 -0.97 11.25
CHAT_HIGH_FALL_HYD 323578	40.67 -0.99 0.00	30.93 -1.02 0.00	27.02 -0.85 0.00	28.33 -0.68 0.00	33.14 -0.52 0.00	41.77 -0.33 0.00	35.60 -0.22 0.00	43.22 -0.34 0.00	50.24 0.05 0.00	45.66 0.06 0.00	50.19 0.25 0.00	46.56 0.15 0.00	48.57 -0.10 0.00	45.39 -0.48 0.00	45.34 -0.62 0.00	50.30 -0.39 0.00	46.65 -0.91 0.00	49.76 -1.21 0.00	47.49 -1.14 0.00	58.46 -1.01 0.00	45.64 -0.92 0.00	42.66 -1.20 0.00	38.99 -1.19 0.00	16.34 -0.95 11.02
CHAUTAUQUA___LFGE 323629	40.13 -1.53 0.00	31.10 -0.84 0.00	26.83 -1.04 0.00	28.23 -0.78 0.00	33.21 -0.45 0.00	41.45 -0.65 0.00	34.90 -0.92 0.00	41.77 -1.79 0.00	48.18 -2.01 0.00	44.12 -1.48 0.00	49.22 -0.72 0.00	44.97 -1.44 0.00	47.28 -1.39 0.00	44.52 -1.34 0.00	44.42 -1.54 0.00	48.31 -2.38 0.00	45.20 -2.36 0.00	47.97 -3.00 0.00	45.97 -2.65 0.00	57.34 -2.13 0.00	45.03 -1.52 0.00	43.09 -0.77 0.00	38.75 -1.42 0.00	27.13 -1.18 0.00
CHERRYST_13_KV_LD 356241	44.47 2.81 0.00	34.03 2.09 0.00	29.64 1.77 0.00	30.67 1.66 0.00	35.38 1.71 0.00	44.12 2.02 0.00	37.95 2.13 0.00	46.47 2.92 0.00	53.50 3.31 0.00	48.72 3.12 0.00	53.24 3.30 0.00	49.59 3.17 0.00	52.11 3.44 0.00	49.14 3.28 0.00	49.33 3.37 0.00	54.16 3.47 0.00	50.92 3.36 0.00	54.60 3.63 0.00	52.06 3.43 0.00	63.56 4.09 0.00	49.64 3.09 0.00	46.64 2.79 0.00	42.90 2.72 0.00	30.31 1.99 0.00

CHESTROR_138KV_BK263 355645	43.66 2.00 0.00	33.45 1.51 0.00	29.14 1.28 0.00	30.20 1.19 0.00	34.88 1.21 0.00	43.48 1.39 0.00	37.25 1.44 0.00	45.53 1.97 0.00	52.40 2.21 0.00	47.67 2.07 0.00	52.12 2.18 0.00	48.52 2.11 0.00	50.97 2.29 0.00	48.02 2.16 0.00	48.19 2.22 0.00	53.04 2.35 0.00	49.87 2.32 0.00	53.53 2.55 0.00	51.09 2.46 0.00	62.47 3.01 0.00	48.77 2.21 0.00	45.88 2.02 0.00	42.10 1.93 0.00	29.70 1.38 0.00
CH_MIDHUDSON___DRP 24192	43.96 2.30 0.00	33.69 1.75 0.00	29.36 1.50 0.00	30.41 1.40 0.00	35.07 1.41 0.00	43.73 1.64 0.00	37.46 1.64 0.00	45.87 2.31 0.00	52.77 2.59 0.00	48.03 2.43 0.00	52.51 2.57 0.00	48.90 2.49 0.00	51.35 2.68 0.00	48.41 2.54 0.00	48.57 2.61 0.00	53.43 2.74 0.00	50.23 2.67 0.00	53.92 2.94 0.00	51.43 2.81 0.00	62.92 3.45 0.00	49.11 2.56 0.00	46.19 2.33 0.00	42.39 2.21 0.00	29.90 1.58 0.00
CH_MISC_IPPS 23765	44.17 2.51 0.00	33.84 1.90 0.00	29.48 1.62 0.00	30.53 1.52 0.00	35.24 1.58 0.00	43.95 1.85 0.00	37.67 1.85 0.00	46.11 2.55 0.00	53.06 2.87 0.00	48.30 2.70 0.00	52.81 2.87 0.00	49.17 2.76 0.00	51.65 2.97 0.00	48.68 2.82 0.00	48.85 2.89 0.00	53.74 3.04 0.00	50.53 2.97 0.00	54.24 3.27 0.00	51.76 3.14 0.00	63.32 3.85 0.00	49.42 2.87 0.00	46.45 2.60 0.00	42.63 2.45 0.00	30.05 1.74 0.00
CH_RES_BVR_FALLS 23983	40.87 -0.78 0.00	31.26 -0.68 0.00	27.32 -0.55 0.00	28.47 -0.54 0.00	33.11 -0.55 0.00	41.63 -0.47 0.00	35.45 -0.37 0.00	43.05 -0.50 0.00	49.97 -0.22 0.00	45.42 -0.18 0.00	49.88 -0.06 0.00	46.30 -0.11 0.00	48.43 -0.24 0.00	45.53 -0.34 0.00	45.57 -0.40 0.00	50.33 -0.37 0.00	46.96 -0.60 0.00	50.21 -0.76 0.00	47.87 -0.75 0.00	58.62 -0.85 0.00	45.70 -0.85 0.00	42.95 -0.91 0.00	39.28 -0.89 0.00	10.69 -0.73 16.90
CH_RES_NIAGARA 23895	39.20 -2.46 0.00	30.23 -1.71 0.00	26.33 -1.54 0.00	27.37 -1.64 0.00	32.16 -1.50 0.00	40.04 -2.06 0.00	33.50 -2.32 0.00	39.44 -4.11 0.00	45.25 -4.93 0.00	41.43 -4.18 0.00	46.55 -3.39 0.00	42.80 -3.61 0.00	44.91 -3.76 0.00	42.55 -3.31 0.00	42.37 -3.59 0.00	46.22 -4.47 0.00	43.16 -4.40 0.00	45.96 -5.01 0.00	43.95 -4.67 0.00	54.46 -5.01 0.00	43.09 -3.46 0.00	41.17 -2.69 0.00	37.28 -2.90 0.00	26.16 -2.15 0.00
CH_RES_SYRACUSE 23985	41.47 -0.19 0.00	31.89 -0.06 0.00	27.79 -0.08 0.00	28.88 -0.13 0.00	33.54 -0.12 0.00	41.92 -0.17 0.00	35.99 0.17 0.00	43.63 0.07 0.00	49.50 -0.69 0.00	44.95 -0.65 0.00	49.27 -0.67 0.00	45.73 -0.69 0.00	47.96 -0.71 0.00	45.28 -0.58 0.00	45.36 -0.61 0.00	50.02 -0.67 0.00	47.02 -0.54 0.00	50.38 -0.59 0.00	48.07 -0.55 0.00	58.87 -0.59 0.00	46.15 -0.40 0.00	43.49 -0.37 0.00	39.70 -0.48 0.00	27.94 -0.38 0.00
CLINTON_WT_PWR 323605	40.70 -0.95 0.00	30.99 -0.95 0.00	27.06 -0.81 0.00	28.34 -0.66 0.00	33.17 -0.49 0.00	41.77 -0.33 0.00	35.58 -0.24 0.00	43.20 -0.36 0.00	50.23 0.04 0.00	45.68 0.08 0.00	50.21 0.27 0.00	46.60 0.18 0.00	48.59 -0.08 0.00	45.43 -0.43 0.00	45.41 -0.56 0.00	50.32 -0.37 0.00	46.63 -0.93 0.00	49.75 -1.22 0.00	47.47 -1.15 0.00	58.34 -1.12 0.00	45.56 -0.99 0.00	42.59 -1.27 0.00	38.96 -1.22 0.00	16.09 -0.97 11.25
CLINTON___LFGE 323618	41.05 -0.61 0.00	31.24 -0.70 0.00	27.29 -0.57 0.00	28.56 -0.45 0.00	33.46 -0.20 0.00	42.38 0.28 0.00	36.28 0.46 0.00	44.19 0.63 0.00	51.29 1.11 0.00	46.54 0.93 0.00	51.15 1.21 0.00	47.52 1.11 0.00	49.59 0.92 0.00	46.21 0.35 0.00	46.42 0.45 0.00	51.54 0.84 0.00	47.66 0.10 0.00	50.88 -0.09 0.00	48.40 -0.23 0.00	59.66 0.20 0.00	46.59 0.04 0.00	43.43 -0.42 0.00	39.80 -0.38 0.00	16.73 -0.41 11.17
COBBLENY_34_KV_TB1 80064	40.19 -1.47 0.00	31.03 -0.91 0.00	26.92 -0.95 0.00	28.04 -0.97 0.00	32.94 -0.72 0.00	41.04 -1.05 0.00	34.46 -1.37 0.00	41.03 -2.52 0.00	47.21 -2.97 0.00	43.20 -2.40 0.00	48.27 -1.67 0.00	44.35 -2.06 0.00	46.63 -2.04 0.00	44.12 -1.74 0.00	43.93 -2.03 0.00	47.90 -2.80 0.00	44.78 -2.77 0.00	47.78 -3.20 0.00	45.67 -2.95 0.00	56.66 -2.81 0.00	44.69 -1.86 0.00	42.63 -1.22 0.00	38.51 -1.67 0.00	27.01 -1.30 0.00
COFFEEN___115KV_TB3 355620	41.23 -0.43 0.00	31.62 -0.32 0.00	27.54 -0.32 0.00	28.65 -0.35 0.00	33.50 -0.16 0.00	42.26 0.16 0.00	36.10 0.28 0.00	43.65 0.09 0.00	50.02 -0.16 0.00	45.21 -0.39 0.00	49.50 -0.44 0.00	45.03 -1.38 0.00	46.50 -2.17 0.00	43.91 -1.95 0.00	44.13 -1.83 0.00	49.49 -1.21 0.00	46.43 -1.13 0.00	49.68 -1.30 0.00	47.79 -0.83 0.00	59.43 -0.04 0.00	46.09 -0.47 0.00	42.73 -1.12 0.00	38.73 -1.45 0.00	25.18 -1.11 2.03
COLDSPRG_115KV_BK1 355956	41.10 -0.56 0.00	31.81 -0.14 0.00	27.48 -0.39 0.00	28.87 -0.13 0.00	33.93 0.26 0.00	42.30 0.20 0.00	35.64 -0.18 0.00	42.82 -0.73 0.00	49.45 -0.74 0.00	45.23 -0.37 0.00	50.45 0.51 0.00	46.22 -0.19 0.00	48.64 -0.03 0.00	45.89 0.03 0.00	45.75 -0.21 0.00	49.66 -1.04 0.00	46.27 -1.29 0.00	49.21 -1.77 0.00	47.15 -1.47 0.00	58.75 -0.71 0.00	46.06 -0.50 0.00	43.95 0.09 0.00	39.53 -0.65 0.00	27.70 -0.62 0.00
COLONIE_LFGE___ 323577	43.21 1.54 0.00	33.15 1.21 0.00	28.93 1.07 0.00	30.00 0.99 0.00	34.63 0.97 0.00	43.18 1.08 0.00	36.86 1.04 0.00	45.13 1.58 0.00	51.85 1.66 0.00	47.09 1.49 0.00	51.41 1.47 0.00	47.92 1.51 0.00	50.26 1.59 0.00	47.36 1.49 0.00	47.50 1.54 0.00	52.36 1.66 0.00	49.17 1.61 0.00	52.73 1.76 0.00	50.37 1.75 0.00	61.65 2.18 0.00	48.05 1.50 0.00	45.28 1.42 0.00	41.56 1.38 0.00	29.32 1.00 0.00
COOPERNY_115KV_TB1 80082	43.17 1.51 0.00	33.13 1.19 0.00	28.87 1.00 0.00	29.95 0.94 0.00	34.63 0.97 0.00	43.19 1.10 0.00	36.91 1.09 0.00	45.05 1.49 0.00	51.84 1.66 0.00	47.12 1.52 0.00	51.56 1.62 0.00	47.95 1.54 0.00	50.36 1.69 0.00	47.47 1.60 0.00	47.60 1.63 0.00	52.41 1.71 0.00	49.27 1.72 0.00	52.86 1.89 0.00	50.42 1.80 0.00	61.70 2.23 0.00	48.19 1.64 0.00	45.37 1.51 0.00	41.60 1.43 0.00	29.34 1.02 0.00
COPENHAGEN_WT_PWR 323753	40.89 -0.77 0.00	31.38 -0.56 0.00	27.35 -0.51 0.00	28.43 -0.57 0.00	33.25 -0.41 0.00	41.91 -0.19 0.00	35.76 -0.06 0.00	43.23 -0.32 0.00	49.55 -0.64 0.00	44.84 -0.76 0.00	49.22 -0.72 0.00	44.88 -1.53 0.00	46.27 -2.40 0.00	43.72 -2.15 0.00	43.91 -2.06 0.00	49.27 -1.42 0.00	45.99 -1.57 0.00	49.01 -1.96 0.00	47.09 -1.54 0.00	58.58 -0.89 0.00	45.38 -1.17 0.00	41.99 -1.86 0.00	38.06 -2.11 0.00	24.88 -1.53 1.91
CORNELL_____ 23752	42.27 0.61 0.00	32.56 0.61 0.00	28.34 0.47 0.00	29.46 0.45 0.00	34.23 0.56 0.00	42.81 0.71 0.00	36.57 0.75 0.00	44.43 0.87 0.00	50.82 0.63 0.00	46.00 0.40 0.00	50.17 0.23 0.00	46.69 0.28 0.00	49.03 0.35 0.00	46.14 0.27 0.00	46.28 0.31 0.00	51.01 0.32 0.00	48.02 0.46 0.00	51.50 0.53 0.00	49.16 0.54 0.00	60.36 0.89 0.00	47.29 0.73 0.00	44.56 0.71 0.00	40.62 0.44 0.00	28.56 0.24 0.00

CORONA_69_KV_TB1 355595	59.44 3.42 -14.35	34.30 2.36 0.00	29.84 1.98 0.00	30.88 1.88 0.00	35.55 1.89 0.00	44.27 2.18 0.00	37.96 2.13 0.00	46.35 2.79 0.00	53.37 3.19 0.00	55.41 3.06 -6.75	96.75 3.44 -43.37	112.50 3.31 -62.77	346.63 3.63 -294.32	171.85 3.48 -122.50	84.21 3.56 -34.68	82.36 3.56 -28.10	231.42 3.54 -180.33	102.96 3.71 -48.27	113.33 3.53 -61.17	106.24 4.11 -42.66	114.16 3.16 -64.44	81.78 2.89 -35.04	183.15 2.77 -140.20	103.18 2.02 -72.85
CORTLAND_115KV_TB3 80093	41.99 0.33 0.00	32.34 0.39 0.00	28.13 0.27 0.00	29.25 0.24 0.00	33.97 0.31 0.00	42.47 0.37 0.00	36.21 0.38 0.00	43.99 0.43 0.00	50.45 0.27 0.00	45.75 0.15 0.00	50.09 0.15 0.00	46.49 0.08 0.00	48.80 0.13 0.00	46.03 0.16 0.00	46.14 0.17 0.00	50.78 0.09 0.00	47.77 0.21 0.00	51.21 0.23 0.00	48.86 0.24 0.00	59.96 0.50 0.00	46.91 0.36 0.00	44.24 0.38 0.00	40.34 0.16 0.00	28.39 0.08 0.00
COXSACKIE___GT 23611	43.84 2.18 0.00	33.69 1.75 0.00	29.39 1.53 0.00	30.50 1.49 0.00	35.27 1.61 0.00	43.98 1.89 0.00	37.59 1.77 0.00	45.98 2.43 0.00	52.82 2.63 0.00	47.81 2.22 0.00	52.18 2.24 0.00	48.72 2.31 0.00	51.11 2.44 0.00	48.09 2.22 0.00	48.30 2.34 0.00	53.33 2.63 0.00	50.17 2.61 0.00	53.87 2.89 0.00	51.56 2.94 0.00	63.12 3.66 0.00	49.25 2.70 0.00	46.26 2.40 0.00	42.32 2.15 0.00	29.81 1.50 0.00
CPV_VALLEY___CC1 323721	43.49 1.83 0.00	33.34 1.40 0.00	29.04 1.18 0.00	30.10 1.10 0.00	34.77 1.11 0.00	43.36 1.27 0.00	37.13 1.31 0.00	45.36 1.80 0.00	52.19 2.01 0.00	47.46 1.86 0.00	51.91 1.98 0.00	48.31 1.90 0.00	50.75 2.08 0.00	47.83 1.96 0.00	47.99 2.02 0.00	52.80 2.11 0.00	49.65 2.09 0.00	53.28 2.30 0.00	50.84 2.22 0.00	62.17 2.70 0.00	48.53 1.98 0.00	45.67 1.81 0.00	41.92 1.74 0.00	29.57 1.26 0.00
CPV_VALLEY___CC2 323722	43.49 1.83 0.00	33.34 1.40 0.00	29.04 1.18 0.00	30.10 1.10 0.00	34.77 1.11 0.00	43.36 1.27 0.00	37.13 1.31 0.00	45.36 1.80 0.00	52.19 2.01 0.00	47.46 1.86 0.00	51.91 1.98 0.00	48.31 1.90 0.00	50.75 2.08 0.00	47.83 1.96 0.00	47.99 2.02 0.00	52.80 2.11 0.00	49.65 2.09 0.00	53.28 2.30 0.00	50.84 2.22 0.00	62.17 2.70 0.00	48.53 1.98 0.00	45.67 1.81 0.00	41.92 1.74 0.00	29.57 1.26 0.00
CRESCENT___HYD 24018	43.21 1.54 0.00	33.15 1.21 0.00	28.93 1.07 0.00	30.00 0.99 0.00	34.63 0.97 0.00	43.18 1.08 0.00	36.86 1.04 0.00	45.13 1.58 0.00	51.85 1.66 0.00	47.09 1.49 0.00	51.41 1.47 0.00	47.92 1.51 0.00	50.26 1.59 0.00	47.36 1.49 0.00	47.50 1.54 0.00	52.36 1.66 0.00	49.17 1.61 0.00	52.73 1.76 0.00	50.37 1.75 0.00	61.65 2.18 0.00	48.05 1.50 0.00	45.28 1.42 0.00	41.56 1.38 0.00	29.32 1.00 0.00
CRICKET___VALLEY_CC1 323756	43.70 2.04 0.00	33.48 1.54 0.00	29.20 1.33 0.00	30.21 1.21 0.00	34.81 1.15 0.00	43.41 1.31 0.00	37.19 1.37 0.00	45.54 1.99 0.00	52.38 2.20 0.00	47.64 2.04 0.00	52.06 2.12 0.00	48.52 2.11 0.00	50.94 2.26 0.00	48.01 2.15 0.00	48.19 2.22 0.00	53.01 2.31 0.00	49.85 2.29 0.00	53.52 2.55 0.00	51.06 2.44 0.00	62.47 3.01 0.00	48.72 2.17 0.00	45.87 2.01 0.00	42.10 1.92 0.00	29.70 1.38 0.00
CRICKET___VALLEY_CC2 323757	43.70 2.04 0.00	33.48 1.54 0.00	29.20 1.33 0.00	30.21 1.21 0.00	34.81 1.15 0.00	43.41 1.31 0.00	37.19 1.37 0.00	45.54 1.99 0.00	52.38 2.20 0.00	47.64 2.04 0.00	52.06 2.12 0.00	48.52 2.11 0.00	50.94 2.26 0.00	48.01 2.15 0.00	48.19 2.22 0.00	53.01 2.31 0.00	49.85 2.29 0.00	53.52 2.55 0.00	51.06 2.44 0.00	62.47 3.01 0.00	48.72 2.17 0.00	45.87 2.01 0.00	42.10 1.92 0.00	29.70 1.38 0.00
CRICKET___VALLEY_CC3 323758	43.70 2.04 0.00	33.48 1.54 0.00	29.20 1.33 0.00	30.21 1.21 0.00	34.81 1.15 0.00	43.41 1.31 0.00	37.19 1.37 0.00	45.54 1.99 0.00	52.38 2.20 0.00	47.64 2.04 0.00	52.06 2.12 0.00	48.52 2.11 0.00	50.94 2.26 0.00	48.01 2.15 0.00	48.19 2.22 0.00	53.01 2.31 0.00	49.85 2.29 0.00	53.52 2.55 0.00	51.06 2.44 0.00	62.47 3.01 0.00	48.72 2.17 0.00	45.87 2.01 0.00	42.10 1.92 0.00	29.70 1.38 0.00
CRUCIBLE_METL_DRP 24180	41.48 -0.18 0.00	31.89 -0.06 0.00	27.79 -0.08 0.00	28.88 -0.13 0.00	33.54 -0.12 0.00	41.92 -0.17 0.00	35.99 0.17 0.00	43.63 0.07 0.00	49.51 -0.68 0.00	44.95 -0.65 0.00	49.27 -0.67 0.00	45.72 -0.69 0.00	47.96 -0.71 0.00	45.29 -0.58 0.00	45.36 -0.60 0.00	50.02 -0.67 0.00	47.01 -0.55 0.00	50.38 -0.59 0.00	48.07 -0.56 0.00	58.87 -0.60 0.00	46.15 -0.41 0.00	43.49 -0.37 0.00	39.70 -0.48 0.00	27.94 -0.38 0.00
DAHOWA___HYDRO 323763	43.76 2.10 0.00	33.62 1.67 0.00	29.33 1.47 0.00	30.40 1.39 0.00	35.13 1.47 0.00	43.85 1.76 0.00	37.53 1.71 0.00	46.03 2.47 0.00	52.79 2.60 0.00	47.87 2.27 0.00	52.22 2.29 0.00	48.61 2.19 0.00	50.96 2.29 0.00	48.00 2.14 0.00	48.15 2.18 0.00	53.15 2.46 0.00	50.11 2.55 0.00	53.84 2.86 0.00	51.41 2.78 0.00	62.99 3.52 0.00	49.01 2.46 0.00	46.10 2.24 0.00	42.27 2.10 0.00	29.77 1.46 0.00
DANC___LFGE 323619	40.90 -0.76 0.00	31.40 -0.54 0.00	27.37 -0.50 0.00	28.45 -0.55 0.00	33.19 -0.48 0.00	41.68 -0.41 0.00	35.46 -0.36 0.00	42.92 -0.63 0.00	49.27 -0.92 0.00	44.65 -0.95 0.00	48.97 -0.97 0.00	44.92 -1.49 0.00	46.65 -2.03 0.00	44.04 -1.82 0.00	44.17 -1.80 0.00	49.24 -1.45 0.00	46.10 -1.46 0.00	49.27 -1.70 0.00	47.23 -1.39 0.00	58.41 -1.06 0.00	45.45 -1.11 0.00	42.36 -1.49 0.00	38.50 -1.67 0.00	25.85 -1.22 1.25
DANSKAMMER___1 23586	44.17 2.51 0.00	33.84 1.90 0.00	29.48 1.62 0.00	30.53 1.52 0.00	35.24 1.58 0.00	43.95 1.85 0.00	37.67 1.85 0.00	46.11 2.55 0.00	53.06 2.87 0.00	48.30 2.70 0.00	52.81 2.87 0.00	49.17 2.76 0.00	51.65 2.97 0.00	48.68 2.82 0.00	48.85 2.89 0.00	53.74 3.04 0.00	50.53 2.97 0.00	54.24 3.27 0.00	51.76 3.14 0.00	63.32 3.85 0.00	49.42 2.87 0.00	46.45 2.60 0.00	42.63 2.45 0.00	30.05 1.74 0.00
DANSKAMMER___2 23589	44.17 2.51 0.00	33.84 1.90 0.00	29.48 1.62 0.00	30.53 1.52 0.00	35.24 1.58 0.00	43.95 1.85 0.00	37.67 1.85 0.00	46.11 2.55 0.00	53.06 2.87 0.00	48.30 2.70 0.00	52.81 2.87 0.00	49.17 2.76 0.00	51.65 2.97 0.00	48.68 2.82 0.00	48.85 2.89 0.00	53.74 3.04 0.00	50.53 2.97 0.00	54.24 3.27 0.00	51.76 3.14 0.00	63.32 3.85 0.00	49.42 2.87 0.00	46.45 2.60 0.00	42.63 2.45 0.00	30.05 1.74 0.00
DANSKAMMER___3 23590	44.17 2.51 0.00	33.84 1.90 0.00	29.48 1.62 0.00	30.53 1.52 0.00	35.24 1.58 0.00	43.95 1.85 0.00	37.67 1.85 0.00	46.11 2.55 0.00	53.06 2.87 0.00	48.30 2.70 0.00	52.81 2.87 0.00	49.17 2.76 0.00	51.65 2.97 0.00	48.68 2.82 0.00	48.85 2.89 0.00	53.74 3.04 0.00	50.53 2.97 0.00	54.24 3.27 0.00	51.76 3.14 0.00	63.32 3.85 0.00	49.42 2.87 0.00	46.45 2.60 0.00	42.63 2.45 0.00	30.05 1.74 0.00

DANSKAMMER___4 23591	44.17 2.51 0.00	33.84 1.90 0.00	29.48 1.62 0.00	30.53 1.52 0.00	35.24 1.58 0.00	43.95 1.85 0.00	37.67 1.85 0.00	46.11 2.55 0.00	53.06 2.87 0.00	48.30 2.70 0.00	52.81 2.87 0.00	49.17 2.76 0.00	51.65 2.97 0.00	48.68 2.82 0.00	48.85 2.89 0.00	53.74 3.04 0.00	50.53 2.97 0.00	54.24 3.27 0.00	51.76 3.14 0.00	63.32 3.85 0.00	49.42 2.87 0.00	46.45 2.60 0.00	42.63 2.45 0.00	30.05 1.74 0.00
DANSKAMMER___DIESEL 23592	44.17 2.51 0.00	33.84 1.90 0.00	29.48 1.62 0.00	30.53 1.52 0.00	35.24 1.58 0.00	43.95 1.85 0.00	37.67 1.85 0.00	46.10 2.55 0.00	53.06 2.88 0.00	48.30 2.70 0.00	52.81 2.88 0.00	49.17 2.76 0.00	51.65 2.98 0.00	48.68 2.82 0.00	48.85 2.88 0.00	53.74 3.04 0.00	50.53 2.98 0.00	54.24 3.27 0.00	51.76 3.14 0.00	63.31 3.85 0.00	49.42 2.87 0.00	46.46 2.60 0.00	42.63 2.45 0.00	30.05 1.74 0.00
DARBY___SOLAR 323810	43.67 2.01 0.00	33.54 1.60 0.00	29.27 1.41 0.00	30.34 1.34 0.00	35.07 1.40 0.00	43.76 1.67 0.00	37.42 1.60 0.00	45.86 2.30 0.00	52.61 2.42 0.00	47.71 2.11 0.00	52.06 2.12 0.00	48.46 2.05 0.00	50.84 2.16 0.00	47.87 2.01 0.00	48.03 2.06 0.00	53.00 2.31 0.00	49.93 2.37 0.00	53.63 2.66 0.00	51.21 2.59 0.00	62.74 3.27 0.00	48.83 2.28 0.00	45.95 2.09 0.00	42.14 1.97 0.00	29.70 1.38 0.00
DASHVILLE___HYD 23610	43.80 2.15 0.00	33.60 1.65 0.00	29.28 1.42 0.00	30.32 1.31 0.00	34.99 1.33 0.00	43.61 1.51 0.00	37.32 1.50 0.00	45.70 2.14 0.00	52.61 2.43 0.00	47.84 2.24 0.00	52.31 2.37 0.00	48.71 2.30 0.00	51.17 2.50 0.00	48.21 2.35 0.00	48.40 2.43 0.00	53.23 2.54 0.00	50.06 2.51 0.00	53.73 2.75 0.00	51.25 2.63 0.00	62.69 3.23 0.00	48.96 2.41 0.00	46.03 2.18 0.00	42.23 2.05 0.00	29.80 1.49 0.00
DELAWARE___LFGE 323621	42.88 1.22 0.00	33.05 1.11 0.00	28.82 0.96 0.00	29.94 0.93 0.00	34.69 1.03 0.00	43.29 1.19 0.00	36.79 0.97 0.00	44.86 1.30 0.00	51.60 1.41 0.00	46.87 1.27 0.00	51.29 1.35 0.00	47.58 1.17 0.00	49.96 1.29 0.00	47.11 1.25 0.00	47.21 1.24 0.00	51.96 1.27 0.00	48.84 1.29 0.00	52.35 1.38 0.00	49.92 1.29 0.00	61.08 1.61 0.00	47.80 1.25 0.00	45.00 1.15 0.00	41.18 1.00 0.00	29.02 0.70 0.00
DERFIELD_115KV_TB7 355931	41.75 0.09 0.00	32.07 0.13 0.00	27.97 0.11 0.00	29.07 0.06 0.00	33.69 0.03 0.00	42.08 -0.02 0.00	35.79 -0.04 0.00	43.57 0.02 0.00	50.14 -0.05 0.00	45.56 -0.05 0.00	49.84 -0.10 0.00	46.32 -0.09 0.00	48.58 -0.10 0.00	45.81 -0.05 0.00	45.92 -0.05 0.00	50.64 -0.05 0.00	47.56 0.00 0.00	50.98 0.00 0.00	48.63 0.00 0.00	59.51 0.04 0.00	46.55 0.00 0.00	43.83 -0.02 0.00	40.16 -0.02 0.00	28.87 -0.01 -0.57
DOGLEVILLE___HYD 23807	40.98 -0.68 0.00	31.54 -0.40 0.00	27.51 -0.35 0.00	28.46 -0.55 0.00	32.77 -0.89 0.00	40.81 -1.29 0.00	34.84 -0.98 0.00	42.74 -0.82 0.00	48.93 -1.26 0.00	44.46 -1.14 0.00	48.19 -1.75 0.00	44.80 -1.61 0.00	46.99 -1.68 0.00	44.05 -1.82 0.00	44.21 -1.76 0.00	48.91 -1.78 0.00	46.33 -1.23 0.00	49.90 -1.07 0.00	47.60 -1.03 0.00	58.32 -1.14 0.00	45.42 -1.13 0.00	42.82 -1.04 0.00	39.30 -0.88 0.00	28.25 -0.63 -0.57
DUNKIRK___115KV_TB_200 55889	40.18 -1.48 0.00	31.12 -0.82 0.00	26.85 -1.02 0.00	28.21 -0.80 0.00	33.18 -0.48 0.00	41.40 -0.70 0.00	34.85 -0.98 0.00	41.71 -1.85 0.00	48.13 -2.05 0.00	44.06 -1.54 0.00	49.14 -0.80 0.00	44.90 -1.51 0.00	47.19 -1.48 0.00	44.48 -1.39 0.00	44.37 -1.60 0.00	48.26 -2.43 0.00	45.12 -2.44 0.00	47.96 -3.02 0.00	45.90 -2.72 0.00	57.24 -2.23 0.00	44.95 -1.60 0.00	43.01 -0.85 0.00	38.73 -1.45 0.00	27.13 -1.18 0.00
DUNKIRK___1 23563	40.18 -1.48 0.00	31.12 -0.82 0.00	26.85 -1.02 0.00	28.21 -0.80 0.00	33.18 -0.48 0.00	41.40 -0.70 0.00	34.85 -0.98 0.00	41.71 -1.85 0.00	48.13 -2.05 0.00	44.06 -1.54 0.00	49.14 -0.80 0.00	44.90 -1.51 0.00	47.19 -1.48 0.00	44.48 -1.39 0.00	44.37 -1.60 0.00	48.26 -2.43 0.00	45.12 -2.44 0.00	47.96 -3.02 0.00	45.90 -2.72 0.00	57.24 -2.23 0.00	44.95 -1.60 0.00	43.01 -0.85 0.00	38.73 -1.45 0.00	27.13 -1.18 0.00
DUNKIRK___2 23564	40.18 -1.48 0.00	31.12 -0.82 0.00	26.85 -1.02 0.00	28.21 -0.80 0.00	33.18 -0.48 0.00	41.40 -0.70 0.00	34.85 -0.98 0.00	41.71 -1.85 0.00	48.13 -2.05 0.00	44.06 -1.54 0.00	49.14 -0.80 0.00	44.90 -1.51 0.00	47.19 -1.48 0.00	44.48 -1.39 0.00	44.37 -1.60 0.00	48.26 -2.43 0.00	45.12 -2.44 0.00	47.96 -3.02 0.00	45.90 -2.72 0.00	57.24 -2.23 0.00	44.95 -1.60 0.00	43.01 -0.85 0.00	38.73 -1.45 0.00	27.13 -1.18 0.00
DUNKIRK___3 23565	40.15 -1.51 0.00	31.08 -0.87 0.00	26.85 -1.01 0.00	28.13 -0.88 0.00	33.06 -0.60 0.00	41.21 -0.89 0.00	34.66 -1.16 0.00	41.32 -2.23 0.00	47.57 -2.62 0.00	43.53 -2.07 0.00	48.56 -1.37 0.00	44.56 -1.85 0.00	46.95 -1.72 0.00	44.29 -1.57 0.00	44.17 -1.80 0.00	48.07 -2.62 0.00	44.96 -2.60 0.00	47.82 -3.16 0.00	45.73 -2.89 0.00	56.92 -2.55 0.00	44.75 -1.80 0.00	42.79 -1.06 0.00	38.59 -1.59 0.00	27.06 -1.26 0.00
DUNKIRK___4 23566	40.15 -1.51 0.00	31.08 -0.87 0.00	26.85 -1.01 0.00	28.13 -0.88 0.00	33.06 -0.60 0.00	41.21 -0.89 0.00	34.66 -1.16 0.00	41.32 -2.23 0.00	47.57 -2.62 0.00	43.53 -2.07 0.00	48.56 -1.37 0.00	44.56 -1.85 0.00	46.95 -1.72 0.00	44.29 -1.57 0.00	44.17 -1.80 0.00	48.07 -2.62 0.00	44.96 -2.60 0.00	47.82 -3.16 0.00	45.73 -2.89 0.00	56.92 -2.55 0.00	44.75 -1.80 0.00	42.79 -1.06 0.00	38.59 -1.59 0.00	27.06 -1.26 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	44.22 2.56 0.00	33.85 1.91 0.00	29.48 1.62 0.00	30.52 1.51 0.00	35.21 1.54 0.00	43.88 1.78 0.00	37.68 1.86 0.00	46.08 2.53 0.00	53.03 2.84 0.00	48.27 2.67 0.00	52.78 2.84 0.00	49.16 2.75 0.00	51.64 2.97 0.00	48.66 2.79 0.00	48.85 2.88 0.00	53.67 2.98 0.00	50.47 2.91 0.00	54.14 3.16 0.00	51.65 3.02 0.00	63.10 3.63 0.00	49.25 2.70 0.00	46.32 2.46 0.00	42.58 2.41 0.00	30.06 1.74 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	43.90 2.24 0.00	33.65 1.70 0.00	29.30 1.44 0.00	30.36 1.35 0.00	35.04 1.38 0.00	43.70 1.61 0.00	37.46 1.64 0.00	45.81 2.25 0.00	52.72 2.53 0.00	47.97 2.37 0.00	52.46 2.53 0.00	48.84 2.43 0.00	51.31 2.64 0.00	48.35 2.48 0.00	48.53 2.56 0.00	53.38 2.69 0.00	50.21 2.65 0.00	53.89 2.91 0.00	51.43 2.80 0.00	62.89 3.43 0.00	49.10 2.54 0.00	46.18 2.32 0.00	42.37 2.19 0.00	29.87 1.56 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	44.22 2.56 0.00	33.94 2.00 0.00	29.63 1.77 0.00	30.55 1.55 0.00	35.25 1.59 0.00	43.90 1.80 0.00	37.78 1.96 0.00	46.17 2.62 0.00	52.96 2.77 0.00	48.15 2.55 0.00	52.67 2.73 0.00	48.98 2.57 0.00	51.87 3.20 0.00	49.16 3.29 0.00	49.28 3.32 0.00	54.15 3.46 0.00	50.99 3.43 0.00	54.55 3.58 0.00	52.03 3.41 0.00	63.55 4.08 0.00	49.72 3.17 0.00	46.68 2.82 0.00	43.07 2.90 0.00	30.50 2.18 0.00

E179THST_13_KV_LOAD 356214	44.40 2.74 0.00	34.07 2.13 0.00	29.74 1.88 0.00	30.66 1.65 0.00	35.37 1.70 0.00	44.06 1.96 0.00	37.93 2.11 0.00	46.37 2.81 0.00	53.18 2.99 0.00	48.36 2.76 0.00	52.90 2.96 0.00	49.21 2.80 0.00	52.09 3.42 0.00	49.38 3.52 0.00	49.49 3.52 0.00	54.39 3.70 0.00	51.22 3.66 0.00	54.78 3.81 0.00	52.25 3.63 0.00	63.83 4.36 0.00	49.93 3.38 0.00	46.87 3.01 0.00	43.25 3.07 0.00	30.62 2.30 0.00
EAST HAMPTON___GT 23717	45.18 4.12 0.60	34.31 2.37 0.00	29.70 1.83 0.00	30.24 1.24 0.00	34.71 1.05 0.00	43.28 1.18 0.00	37.21 1.38 0.00	45.58 2.03 0.00	52.55 2.36 0.00	48.74 2.87 -0.27	56.29 4.75 -1.60	52.26 4.61 -1.23	60.27 4.73 -6.87	52.96 3.61 -3.49	51.87 3.87 -2.03	55.65 3.19 -1.77	44.65 3.16 6.07	57.09 3.08 -3.03	65.31 2.79 -13.89	80.90 3.18 -18.26	66.76 2.34 -17.87	40.53 2.06 5.38	45.36 2.09 -3.10	34.61 1.41 -4.88
EAST RIVER___6 23660	44.44 2.78 0.00	34.01 2.06 0.00	29.61 1.75 0.00	30.64 1.64 0.00	35.35 1.68 0.00	44.08 1.99 0.00	37.91 2.09 0.00	46.43 2.88 0.00	53.45 3.26 0.00	48.67 3.07 0.00	53.20 3.26 0.00	49.54 3.12 0.00	52.06 3.39 0.00	49.10 3.24 0.00	49.30 3.33 0.00	54.12 3.42 0.00	50.87 3.31 0.00	54.56 3.58 0.00	52.03 3.41 0.00	63.55 4.08 0.00	49.62 3.06 0.00	46.63 2.78 0.00	42.89 2.71 0.00	30.30 1.99 0.00
EAST RIVER___7 23524	44.44 2.78 0.00	34.01 2.06 0.00	29.61 1.75 0.00	30.64 1.64 0.00	35.35 1.68 0.00	44.08 1.99 0.00	37.91 2.09 0.00	46.43 2.88 0.00	53.45 3.26 0.00	48.67 3.07 0.00	53.20 3.26 0.00	49.54 3.12 0.00	52.06 3.39 0.00	49.10 3.24 0.00	49.30 3.33 0.00	54.12 3.42 0.00	50.87 3.31 0.00	54.56 3.58 0.00	52.03 3.41 0.00	63.55 4.08 0.00	49.62 3.06 0.00	46.63 2.78 0.00	42.89 2.71 0.00	30.30 1.99 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	43.97 2.31 0.00	33.68 1.74 0.00	29.34 1.47 0.00	30.37 1.37 0.00	35.04 1.38 0.00	43.69 1.59 0.00	37.50 1.68 0.00	45.88 2.32 0.00	52.82 2.63 0.00	48.06 2.46 0.00	52.55 2.61 0.00	48.95 2.54 0.00	51.44 2.77 0.00	48.46 2.59 0.00	48.66 2.69 0.00	53.50 2.80 0.00	50.28 2.72 0.00	53.97 2.99 0.00	51.49 2.87 0.00	62.94 3.47 0.00	49.11 2.56 0.00	46.19 2.33 0.00	42.45 2.27 0.00	29.95 1.64 0.00
EAST_HAMPTON___DIESEL 23722	45.12 4.07 0.60	34.25 2.30 0.00	29.64 1.77 0.00	30.16 1.15 0.00	34.60 0.94 0.00	43.14 1.05 0.00	37.10 1.27 0.00	45.46 1.91 0.00	52.41 2.22 0.00	48.63 2.76 -0.27	56.24 4.70 -1.60	52.21 4.57 -1.23	60.21 4.66 -6.87	52.86 3.51 -3.49	51.78 3.78 -2.03	55.51 3.05 -1.77	44.52 3.04 6.07	56.93 2.93 -3.03	65.16 2.65 -13.89	80.70 2.97 -18.26	66.62 2.20 -17.87	40.40 1.92 5.38	45.23 1.95 -3.10	34.51 1.32 -4.88
EAST_POINT___SOLAR 323840	44.43 2.77 0.00	34.06 2.12 0.00	29.62 1.76 0.00	30.81 1.80 0.00	35.84 2.17 0.00	45.07 2.97 0.00	38.52 2.70 0.00	46.74 3.18 0.00	53.71 3.52 0.00	48.77 3.17 0.00	53.22 3.28 0.00	49.31 2.89 0.00	51.62 2.95 0.00	48.55 2.68 0.00	48.78 2.81 0.00	53.94 3.24 0.00	50.57 3.01 0.00	54.27 3.30 0.00	52.08 3.46 0.00	63.80 4.33 0.00	50.00 3.44 0.00	46.99 3.14 0.00	42.89 2.71 0.00	30.08 1.77 0.00
EAST_PULASKI___ESR 323781	40.97 -0.69 0.00	31.46 -0.48 0.00	27.42 -0.44 0.00	28.50 -0.50 0.00	33.16 -0.50 0.00	41.52 -0.58 0.00	35.22 -0.60 0.00	42.67 -0.88 0.00	49.09 -1.10 0.00	44.53 -1.07 0.00	48.78 -1.16 0.00	45.02 -1.40 0.00	47.05 -1.62 0.00	44.38 -1.48 0.00	44.49 -1.47 0.00	49.30 -1.39 0.00	46.28 -1.28 0.00	49.61 -1.37 0.00	47.43 -1.20 0.00	58.32 -1.15 0.00	45.56 -0.99 0.00	42.76 -1.10 0.00	38.98 -1.20 0.00	26.81 -0.89 0.61
EAST_RIVER___1 323558	44.36 2.70 0.00	33.94 2.00 0.00	29.57 1.70 0.00	30.60 1.59 0.00	35.28 1.62 0.00	44.00 1.90 0.00	37.82 2.00 0.00	46.32 2.77 0.00	53.30 3.12 0.00	48.53 2.93 0.00	53.03 3.09 0.00	49.38 2.97 0.00	51.91 3.24 0.00	48.95 3.09 0.00	49.15 3.18 0.00	53.96 3.26 0.00	50.72 3.16 0.00	54.40 3.43 0.00	51.89 3.26 0.00	63.36 3.89 0.00	49.48 2.92 0.00	46.50 2.64 0.00	42.78 2.60 0.00	30.23 1.92 0.00
EAST_RIVER___2 323559	44.44 2.78 0.00	34.01 2.06 0.00	29.61 1.75 0.00	30.64 1.64 0.00	35.35 1.68 0.00	44.08 1.99 0.00	37.91 2.09 0.00	46.43 2.88 0.00	53.45 3.26 0.00	48.67 3.07 0.00	53.20 3.26 0.00	49.54 3.12 0.00	52.06 3.39 0.00	49.10 3.24 0.00	49.30 3.33 0.00	54.12 3.42 0.00	50.87 3.31 0.00	54.56 3.58 0.00	52.03 3.41 0.00	63.55 4.08 0.00	49.62 3.06 0.00	46.63 2.78 0.00	42.89 2.71 0.00	30.30 1.99 0.00
EAST___DELAWARE_HYD 23607	44.15 2.49 0.00	33.84 1.90 0.00	29.47 1.61 0.00	30.55 1.54 0.00	35.30 1.64 0.00	44.06 1.96 0.00	37.72 1.90 0.00	46.13 2.58 0.00	53.12 2.94 0.00	48.36 2.76 0.00	52.95 3.01 0.00	49.25 2.84 0.00	51.78 3.10 0.00	48.76 2.89 0.00	48.92 2.96 0.00	53.84 3.14 0.00	50.65 3.09 0.00	54.40 3.42 0.00	51.91 3.29 0.00	63.56 4.09 0.00	49.64 3.09 0.00	46.67 2.81 0.00	42.73 2.55 0.00	30.10 1.79 0.00
EIGHT_POINT___WT_PWR 323820	40.68 -0.98 0.00	31.62 -0.32 0.00	27.44 -0.42 0.00	28.73 -0.28 0.00	33.65 -0.01 0.00	42.10 0.01 0.00	35.69 -0.13 0.00	42.89 -0.67 0.00	49.14 -1.05 0.00	44.72 -0.88 0.00	49.13 -0.81 0.00	45.13 -1.29 0.00	47.42 -1.26 0.00	44.81 -1.06 0.00	44.36 -1.60 0.00	48.65 -2.04 0.00	45.73 -1.83 0.00	49.42 -1.56 0.00	46.93 -1.69 0.00	57.34 -2.13 0.00	44.28 -2.27 0.00	42.21 -1.65 0.00	37.98 -2.20 0.00	26.72 -1.59 0.00
ELBRIDGE_115KV_TB2 80188	41.31 -0.35 0.00	31.78 -0.16 0.00	27.68 -0.19 0.00	28.78 -0.23 0.00	33.39 -0.27 0.00	41.74 -0.36 0.00	36.08 0.26 0.00	43.74 0.18 0.00	49.14 -1.05 0.00	44.59 -1.01 0.00	48.85 -1.10 0.00	45.32 -1.09 0.00	47.55 -1.13 0.00	44.90 -0.96 0.00	44.98 -0.99 0.00	49.65 -1.04 0.00	46.66 -0.90 0.00	50.02 -0.96 0.00	47.72 -0.91 0.00	58.38 -1.09 0.00	45.80 -0.76 0.00	43.18 -0.68 0.00	39.43 -0.75 0.00	27.76 -0.56 0.00
ELEC_TRO_TEK 24086	46.14 3.22 -1.26	34.13 2.19 0.00	29.71 1.84 0.00	30.74 1.73 0.00	35.38 1.72 0.00	44.08 1.98 0.00	37.80 1.98 0.00	46.17 2.61 0.00	53.17 2.99 0.00	49.86 2.89 -1.37	61.85 3.25 -8.66	64.70 3.14 -15.14	111.11 3.46 -58.98	72.60 3.29 -23.45	65.06 3.30 -15.80	68.41 3.28 -14.43	136.03 3.30 -85.17	79.19 3.44 -24.78	95.16 3.27 -43.27	101.61 3.80 -38.35	100.38 2.89 -50.94	64.55 2.65 -18.04	117.49 2.58 -74.73	68.96 1.89 -38.75
ELLENBURG_WT_PWR 323604	40.70 -0.95 0.00	30.99 -0.95 0.00	27.06 -0.81 0.00	28.34 -0.66 0.00	33.17 -0.49 0.00	41.77 -0.33 0.00	35.58 -0.24 0.00	43.20 -0.36 0.00	50.23 0.04 0.00	45.68 0.08 0.00	50.21 0.27 0.00	46.60 0.18 0.00	48.59 -0.08 0.00	45.43 -0.43 0.00	45.41 -0.56 0.00	50.32 -0.37 0.00	46.63 -0.93 0.00	49.75 -1.22 0.00	47.47 -1.15 0.00	58.34 -1.12 0.00	45.56 -0.99 0.00	42.59 -1.27 0.00	38.96 -1.22 0.00	16.09 -0.97 11.25

ELM_ST_23_KV_LD_REV_LBMP_A 345012	39.86 -1.81 0.00	30.75 -1.20 0.00	26.72 -1.14 0.00	27.83 -1.18 0.00	32.70 -0.96 0.00	40.72 -1.38 0.00	34.15 -1.67 0.00	40.57 -2.99 0.00	46.67 -3.51 0.00	42.71 -2.90 0.00	47.81 -2.13 0.00	43.92 -2.49 0.00	46.17 -2.51 0.00	43.69 -2.18 0.00	43.51 -2.46 0.00	47.43 -3.27 0.00	44.33 -3.23 0.00	47.25 -3.72 0.00	45.16 -3.46 0.00	56.01 -3.46 0.00	44.21 -2.34 0.00	42.20 -1.66 0.00	38.13 -2.05 0.00	26.76 -1.56 0.00
EMPIRE_CC_1 323656	43.16 1.50 0.00	33.12 1.18 0.00	28.90 1.04 0.00	29.97 0.96 0.00	34.57 0.91 0.00	43.07 0.97 0.00	36.76 0.93 0.00	44.97 1.41 0.00	51.88 1.69 0.00	47.28 1.68 0.00	51.62 1.69 0.00	48.18 1.77 0.00	50.54 1.86 0.00	47.62 1.75 0.00	47.79 1.82 0.00	52.50 1.81 0.00	49.05 1.49 0.00	52.59 1.61 0.00	50.21 1.59 0.00	61.42 1.95 0.00	47.90 1.35 0.00	45.16 1.30 0.00	41.49 1.31 0.00	29.29 0.98 0.00
EMPIRE_CC_2 323658	43.16 1.50 0.00	33.12 1.18 0.00	28.90 1.04 0.00	29.97 0.96 0.00	34.57 0.91 0.00	43.07 0.97 0.00	36.76 0.93 0.00	44.97 1.41 0.00	51.88 1.69 0.00	47.28 1.68 0.00	51.62 1.69 0.00	48.18 1.77 0.00	50.54 1.86 0.00	47.62 1.75 0.00	47.79 1.82 0.00	52.50 1.81 0.00	49.05 1.49 0.00	52.59 1.61 0.00	50.21 1.59 0.00	61.42 1.95 0.00	47.90 1.35 0.00	45.16 1.30 0.00	41.49 1.31 0.00	29.29 0.98 0.00
ENORWICH_115KV_TB1 80156	43.27 1.62 0.00	33.49 1.55 0.00	29.23 1.36 0.00	30.36 1.35 0.00	35.31 1.64 0.00	44.32 2.22 0.00	37.94 2.12 0.00	46.19 2.64 0.00	52.88 2.69 0.00	47.88 2.28 0.00	52.03 2.09 0.00	48.03 1.62 0.00	50.42 1.75 0.00	47.68 1.82 0.00	47.40 1.43 0.00	52.38 1.68 0.00	49.03 1.47 0.00	52.64 1.67 0.00	50.20 1.58 0.00	61.34 1.88 0.00	48.23 1.68 0.00	45.23 1.37 0.00	41.35 1.17 0.00	29.00 0.69 0.00
ERIE_ST__34_KV_TB1-2 80199	40.24 -1.43 0.00	31.03 -0.91 0.00	26.92 -0.95 0.00	28.04 -0.96 0.00	32.93 -0.73 0.00	41.00 -1.09 0.00	34.45 -1.37 0.00	41.07 -2.49 0.00	47.31 -2.88 0.00	43.26 -2.34 0.00	48.33 -1.60 0.00	44.44 -1.97 0.00	46.73 -1.95 0.00	44.22 -1.65 0.00	44.08 -1.89 0.00	48.03 -2.67 0.00	44.86 -2.69 0.00	47.90 -3.07 0.00	45.76 -2.86 0.00	56.76 -2.72 0.00	44.72 -1.83 0.00	42.66 -1.20 0.00	38.54 -1.64 0.00	27.02 -1.29 0.00
ERIE_WT_PWR 323693	40.00 -1.66 0.00	30.89 -1.05 0.00	26.81 -1.06 0.00	27.94 -1.06 0.00	32.83 -0.84 0.00	40.89 -1.21 0.00	34.30 -1.52 0.00	40.78 -2.77 0.00	46.95 -3.24 0.00	42.97 -2.63 0.00	48.04 -1.90 0.00	44.14 -2.27 0.00	46.45 -2.23 0.00	43.89 -1.97 0.00	43.72 -2.25 0.00	47.65 -3.05 0.00	44.59 -2.97 0.00	47.48 -3.50 0.00	45.39 -3.23 0.00	56.32 -3.15 0.00	44.46 -2.09 0.00	42.43 -1.43 0.00	38.29 -1.89 0.00	26.88 -1.44 0.00
ESPRGFLD_115KV_TB1 80157	43.63 1.97 0.00	33.55 1.61 0.00	29.17 1.30 0.00	30.35 1.34 0.00	35.35 1.68 0.00	44.39 2.29 0.00	37.79 1.97 0.00	45.81 2.26 0.00	52.83 2.65 0.00	48.05 2.45 0.00	52.71 2.77 0.00	48.72 2.31 0.00	51.05 2.38 0.00	48.14 2.28 0.00	48.19 2.22 0.00	53.03 2.34 0.00	49.65 2.09 0.00	53.20 2.22 0.00	50.83 2.20 0.00	62.18 2.71 0.00	48.82 2.27 0.00	45.95 2.09 0.00	41.90 1.72 0.00	29.42 1.10 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	42.19 0.53 0.00	32.50 0.55 0.00	28.29 0.42 0.00	29.40 0.40 0.00	34.16 0.50 0.00	42.71 0.62 0.00	36.49 0.66 0.00	44.31 0.76 0.00	50.69 0.51 0.00	45.90 0.30 0.00	50.12 0.18 0.00	46.59 0.18 0.00	48.92 0.25 0.00	46.08 0.21 0.00	46.19 0.22 0.00	50.92 0.22 0.00	47.92 0.36 0.00	51.38 0.40 0.00	49.04 0.41 0.00	60.20 0.73 0.00	47.15 0.60 0.00	44.46 0.60 0.00	40.52 0.34 0.00	28.50 0.18 0.00
ETNA____115KV_TB2 80207	42.19 0.53 0.00	32.50 0.55 0.00	28.29 0.42 0.00	29.40 0.40 0.00	34.16 0.50 0.00	42.71 0.62 0.00	36.49 0.66 0.00	44.31 0.76 0.00	50.69 0.51 0.00	45.90 0.30 0.00	50.12 0.18 0.00	46.59 0.18 0.00	48.92 0.25 0.00	46.08 0.21 0.00	46.19 0.22 0.00	50.92 0.22 0.00	47.92 0.36 0.00	51.38 0.40 0.00	49.04 0.41 0.00	60.20 0.73 0.00	47.15 0.60 0.00	44.46 0.60 0.00	40.52 0.34 0.00	28.50 0.18 0.00
EUCLID___115KV_TB2 356179	41.09 -0.57 0.00	31.58 -0.37 0.00	27.52 -0.34 0.00	28.60 -0.40 0.00	33.23 -0.43 0.00	41.51 -0.59 0.00	35.29 -0.53 0.00	42.77 -0.78 0.00	49.11 -1.08 0.00	44.61 -0.98 0.00	48.94 -0.99 0.00	45.40 -1.01 0.00	47.62 -1.05 0.00	44.97 -0.90 0.00	45.05 -0.91 0.00	49.62 -1.07 0.00	46.63 -0.93 0.00	49.97 -1.00 0.00	47.68 -0.95 0.00	58.43 -1.04 0.00	45.76 -0.79 0.00	43.16 -0.70 0.00	39.40 -0.78 0.00	27.74 -0.57 0.00
E_CANADA_CAP_HY 24051	44.11 2.45 0.00	33.82 1.88 0.00	29.39 1.52 0.00	30.57 1.56 0.00	35.60 1.94 0.00	44.77 2.68 0.00	38.17 2.35 0.00	46.23 2.67 0.00	53.28 3.10 0.00	48.47 2.87 0.00	53.11 3.17 0.00	49.15 2.73 0.00	51.45 2.78 0.00	48.42 2.56 0.00	48.49 2.53 0.00	53.49 2.80 0.00	50.02 2.46 0.00	53.64 2.67 0.00	51.34 2.72 0.00	62.84 3.37 0.00	49.33 2.78 0.00	46.48 2.63 0.00	42.41 2.23 0.00	29.77 1.45 0.00
E_CANADA_MHWK_HY 24050	40.98 -0.68 0.00	31.54 -0.40 0.00	27.51 -0.35 0.00	28.46 -0.55 0.00	32.77 -0.89 0.00	40.81 -1.29 0.00	34.85 -0.98 0.00	42.74 -0.82 0.00	48.93 -1.26 0.00	44.46 -1.14 0.00	48.19 -1.75 0.00	44.80 -1.61 0.00	46.99 -1.68 0.00	44.05 -1.82 0.00	44.21 -1.76 0.00	48.91 -1.78 0.00	46.34 -1.22 0.00	49.90 -1.07 0.00	47.60 -1.03 0.00	58.32 -1.15 0.00	45.42 -1.13 0.00	42.82 -1.04 0.00	39.30 -0.88 0.00	28.25 -0.63 -0.57
E_FISHKILL___LBMP 23776	43.84 2.18 0.00	33.59 1.65 0.00	29.27 1.41 0.00	30.32 1.31 0.00	34.96 1.30 0.00	43.58 1.49 0.00	37.36 1.53 0.00	45.70 2.15 0.00	52.58 2.39 0.00	47.83 2.23 0.00	52.29 2.35 0.00	48.71 2.29 0.00	51.16 2.49 0.00	48.21 2.35 0.00	48.39 2.43 0.00	53.22 2.52 0.00	50.03 2.47 0.00	53.67 2.69 0.00	51.20 2.58 0.00	62.59 3.13 0.00	48.86 2.31 0.00	45.97 2.12 0.00	42.23 2.05 0.00	29.81 1.49 0.00
FALCON___SEABRD_CC1 323796	41.10 -0.56 0.00	31.30 -0.64 0.00	27.35 -0.52 0.00	28.61 -0.40 0.00	33.53 -0.13 0.00	42.49 0.40 0.00	36.41 0.59 0.00	44.34 0.79 0.00	51.46 1.27 0.00	46.72 1.12 0.00	51.36 1.42 0.00	47.75 1.34 0.00	49.84 1.16 0.00	46.40 0.53 0.00	46.65 0.69 0.00	51.75 1.06 0.00	47.84 0.28 0.00	51.04 0.06 0.00	48.49 -0.14 0.00	59.77 0.30 0.00	46.58 0.03 0.00	43.47 -0.39 0.00	39.91 -0.27 0.00	16.79 -0.33 11.20
FALCON___SEABRD_CC2 323797	41.10 -0.56 0.00	31.30 -0.64 0.00	27.35 -0.52 0.00	28.61 -0.40 0.00	33.53 -0.13 0.00	42.49 0.40 0.00	36.41 0.59 0.00	44.34 0.79 0.00	51.46 1.27 0.00	46.72 1.12 0.00	51.36 1.42 0.00	47.75 1.34 0.00	49.84 1.16 0.00	46.40 0.53 0.00	46.65 0.69 0.00	51.75 1.06 0.00	47.84 0.28 0.00	51.04 0.06 0.00	48.49 -0.14 0.00	59.77 0.30 0.00	46.58 0.03 0.00	43.47 -0.39 0.00	39.91 -0.27 0.00	16.79 -0.33 11.20

FAR ROCKAWAY___4 23548	60.75 3.70 -15.39	34.50 2.56 0.00	30.01 2.14 0.00	31.06 2.05 0.00	35.75 2.09 0.00	44.54 2.44 0.00	38.19 2.37 0.00	46.63 3.08 0.00	53.72 3.54 0.00	56.08 3.38 -7.09	99.34 3.82 -45.57	115.29 3.65 -65.23	361.53 3.96 -308.90	178.62 3.84 -128.91	85.82 3.92 -35.93	83.65 3.94 -29.02	238.68 3.93 -187.19	104.95 4.12 -49.85	112.17 3.89 -59.66	103.37 4.54 -39.36	111.15 3.48 -61.12	82.36 3.18 -35.32	186.29 3.02 -143.09	105.18 2.19 -74.68
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	44.34 2.69 0.00	33.94 1.99 0.00	29.56 1.69 0.00	30.58 1.58 0.00	35.27 1.61 0.00	43.97 1.88 0.00	37.81 1.99 0.00	46.28 2.73 0.00	53.25 3.06 0.00	48.47 2.87 0.00	52.98 3.04 0.00	49.34 2.92 0.00	51.85 3.18 0.00	48.90 3.03 0.00	49.09 3.12 0.00	53.90 3.21 0.00	50.68 3.12 0.00	54.34 3.37 0.00	51.84 3.22 0.00	63.29 3.83 0.00	49.44 2.89 0.00	46.47 2.61 0.00	42.74 2.57 0.00	30.22 1.90 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	44.36 2.70 0.00	33.94 2.00 0.00	29.56 1.70 0.00	30.59 1.58 0.00	35.28 1.61 0.00	43.99 1.89 0.00	37.82 2.00 0.00	46.30 2.74 0.00	53.25 3.07 0.00	48.50 2.90 0.00	52.99 3.05 0.00	49.35 2.94 0.00	51.87 3.19 0.00	48.92 3.05 0.00	49.11 3.14 0.00	53.91 3.22 0.00	50.70 3.14 0.00	54.37 3.40 0.00	51.86 3.24 0.00	63.33 3.86 0.00	49.48 2.93 0.00	46.49 2.63 0.00	42.76 2.59 0.00	30.22 1.91 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	44.33 2.67 0.00	33.92 1.97 0.00	29.55 1.69 0.00	30.57 1.56 0.00	35.25 1.59 0.00	43.97 1.87 0.00	37.80 1.98 0.00	46.28 2.73 0.00	53.24 3.05 0.00	48.46 2.86 0.00	52.97 3.03 0.00	49.33 2.91 0.00	51.84 3.17 0.00	48.90 3.03 0.00	49.09 3.12 0.00	53.89 3.20 0.00	50.67 3.11 0.00	54.34 3.37 0.00	51.83 3.20 0.00	63.28 3.82 0.00	49.43 2.88 0.00	46.46 2.60 0.00	42.72 2.55 0.00	30.20 1.88 0.00
FARRAGUT___LBMP 323566	44.30 2.64 0.00	33.90 1.95 0.00	29.52 1.66 0.00	30.56 1.55 0.00	35.24 1.57 0.00	43.93 1.83 0.00	37.76 1.94 0.00	46.23 2.67 0.00	53.18 2.99 0.00	48.41 2.81 0.00	52.89 2.95 0.00	49.27 2.86 0.00	51.78 3.11 0.00	48.84 2.97 0.00	49.03 3.06 0.00	53.83 3.14 0.00	50.62 3.06 0.00	54.28 3.31 0.00	51.77 3.15 0.00	63.22 3.76 0.00	49.38 2.83 0.00	46.42 2.56 0.00	42.69 2.52 0.00	30.18 1.87 0.00
FENNER___WINDPWR 24204	42.07 0.40 0.00	32.35 0.41 0.00	28.16 0.30 0.00	29.28 0.28 0.00	34.00 0.33 0.00	42.58 0.48 0.00	36.32 0.50 0.00	44.18 0.62 0.00	50.76 0.57 0.00	45.99 0.39 0.00	50.28 0.34 0.00	46.70 0.29 0.00	49.00 0.33 0.00	46.19 0.33 0.00	46.27 0.30 0.00	51.03 0.34 0.00	48.00 0.44 0.00	51.41 0.43 0.00	49.11 0.48 0.00	60.19 0.73 0.00	47.02 0.47 0.00	44.23 0.37 0.00	40.35 0.17 0.00	28.39 0.07 0.00
FIBERTEK___ENERGY 23856	41.48 -0.18 0.00	31.89 -0.06 0.00	27.79 -0.08 0.00	28.88 -0.13 0.00	33.54 -0.12 0.00	41.92 -0.17 0.00	35.99 0.17 0.00	43.63 0.07 0.00	49.51 -0.68 0.00	44.95 -0.65 0.00	49.27 -0.67 0.00	45.72 -0.69 0.00	47.96 -0.71 0.00	45.29 -0.58 0.00	45.36 -0.60 0.00	50.02 -0.67 0.00	47.01 -0.55 0.00	50.38 -0.59 0.00	48.07 -0.56 0.00	58.87 -0.60 0.00	46.15 -0.41 0.00	43.49 -0.37 0.00	39.70 -0.48 0.00	27.94 -0.38 0.00
FITZPATRICK___ 23598	40.55 -1.11 0.00	31.15 -0.79 0.00	27.16 -0.70 0.00	28.24 -0.77 0.00	32.80 -0.86 0.00	40.95 -1.15 0.00	34.68 -1.14 0.00	42.06 -1.50 0.00	48.44 -1.75 0.00	44.01 -1.59 0.00	48.25 -1.69 0.00	44.78 -1.64 0.00	46.96 -1.71 0.00	44.30 -1.57 0.00	44.39 -1.57 0.00	48.92 -1.78 0.00	45.95 -1.61 0.00	49.23 -1.74 0.00	46.97 -1.65 0.00	57.49 -1.97 0.00	45.04 -1.51 0.00	42.46 -1.40 0.00	38.80 -1.37 0.00	27.34 -0.98 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	44.24 2.58 0.00	33.90 1.95 0.00	29.53 1.67 0.00	30.58 1.57 0.00	35.30 1.64 0.00	44.02 1.92 0.00	37.74 1.92 0.00	46.19 2.64 0.00	53.16 2.98 0.00	48.39 2.79 0.00	52.92 2.98 0.00	49.27 2.85 0.00	51.76 3.08 0.00	48.78 2.92 0.00	48.94 2.98 0.00	53.84 3.14 0.00	50.63 3.08 0.00	54.35 3.38 0.00	51.86 3.23 0.00	63.43 3.97 0.00	49.52 2.97 0.00	46.54 2.68 0.00	42.70 2.53 0.00	30.10 1.79 0.00
FORT ORANGE___ 23900	42.74 1.08 0.00	32.87 0.92 0.00	28.68 0.82 0.00	29.75 0.74 0.00	34.35 0.69 0.00	42.75 0.66 0.00	36.49 0.67 0.00	44.61 1.06 0.00	51.25 1.07 0.00	46.54 0.94 0.00	50.85 0.91 0.00	47.41 0.99 0.00	49.74 1.07 0.00	46.84 0.98 0.00	47.04 1.07 0.00	51.82 1.13 0.00	48.65 1.09 0.00	52.21 1.23 0.00	49.85 1.22 0.00	60.99 1.52 0.00	47.62 1.07 0.00	44.84 0.98 0.00	41.16 0.98 0.00	29.07 0.75 0.00
FORT_DRUM_COGEN 23780	41.08 -0.59 0.00	31.50 -0.44 0.00	27.44 -0.42 0.00	28.56 -0.45 0.00	33.38 -0.28 0.00	42.12 0.02 0.00	35.95 0.13 0.00	43.48 -0.08 0.00	49.87 -0.32 0.00	45.07 -0.53 0.00	49.43 -0.51 0.00	45.07 -1.34 0.00	46.59 -2.09 0.00	43.98 -1.89 0.00	44.18 -1.78 0.00	49.49 -1.20 0.00	46.33 -1.23 0.00	49.46 -1.52 0.00	47.54 -1.09 0.00	59.09 -0.38 0.00	45.78 -0.78 0.00	42.44 -1.42 0.00	38.49 -1.69 0.00	24.89 -1.26 2.17
FOX_HILLS___ESR 323835	44.47 2.80 0.00	34.02 2.08 0.00	29.61 1.74 0.00	30.64 1.64 0.00	35.35 1.69 0.00	44.03 1.94 0.00	37.89 2.07 0.00	46.48 2.58 -0.35	52.99 2.80 0.00	48.40 2.80 0.00	52.84 2.90 0.00	49.26 2.85 0.00	51.77 3.09 0.00	48.85 2.98 0.00	49.06 3.09 0.00	53.74 3.05 0.00	50.62 3.06 0.00	54.27 3.30 0.00	51.77 3.15 0.00	63.26 3.80 0.00	49.48 2.92 0.00	47.66 2.62 -1.18	45.96 2.52 -3.26	39.07 1.91 -8.84
FPL_FAR_ROCK_GT1 24212	60.73 3.68 -15.39	34.50 2.56 0.00	30.01 2.15 0.00	31.06 2.05 0.00	35.75 2.09 0.00	44.54 2.44 0.00	38.19 2.37 0.00	46.63 3.08 0.00	53.72 3.53 0.00	56.07 3.38 -7.09	99.34 3.83 -45.57	115.28 3.64 -65.23	361.49 3.92 -308.90	178.60 3.83 -128.91	85.82 3.93 -35.93	83.65 3.94 -29.02	238.65 3.90 -187.19	104.95 4.12 -49.85	112.14 3.85 -59.66	103.35 4.52 -39.36	111.13 3.47 -61.12	82.32 3.14 -35.32	186.26 3.00 -143.09	105.17 2.18 -74.68
FPL_FAR_ROCK_GT2 23815	60.73 3.68 -15.39	34.50 2.56 0.00	30.01 2.15 0.00	31.06 2.05 0.00	35.75 2.09 0.00	44.54 2.44 0.00	38.19 2.37 0.00	46.63 3.08 0.00	53.72 3.53 0.00	56.07 3.38 -7.09	99.34 3.83 -45.57	115.28 3.64 -65.23	361.49 3.92 -308.90	178.60 3.83 -128.91	85.82 3.93 -35.93	83.65 3.94 -29.02	238.65 3.90 -187.19	104.95 4.12 -49.85	112.14 3.85 -59.66	103.35 4.52 -39.36	111.13 3.47 -61.12	82.32 3.14 -35.32	186.26 3.00 -143.09	105.17 2.18 -74.68
FRANKLIN_FALL_HYD 24054	40.55 -1.11 0.00	30.84 -1.10 0.00	26.96 -0.91 0.00	28.29 -0.72 0.00	33.10 -0.57 0.00	41.76 -0.34 0.00	35.59 -0.23 0.00	43.21 -0.35 0.00	50.28 0.09 0.00	45.70 0.09 0.00	50.20 0.26 0.00	46.48 0.07 0.00	48.52 -0.15 0.00	45.43 -0.44 0.00	45.44 -0.53 0.00	50.39 -0.31 0.00	46.72 -0.83 0.00	49.90 -1.08 0.00	47.67 -0.96 0.00	58.64 -0.83 0.00	45.78 -0.77 0.00	42.81 -1.04 0.00	39.07 -1.10 0.00	16.90 -0.93 10.49

FREEPORT_EQUS_GT1 23764	48.10 3.43 -3.01	34.29 2.35 0.00	29.84 1.97 0.00	30.86 1.85 0.00	35.51 1.85 0.00	44.22 2.12 0.00	37.92 2.10 0.00	46.31 2.75 0.00	53.32 3.13 0.00	50.41 3.04 -1.78	64.53 3.43 -11.17	67.26 3.20 -17.65	129.05 3.59 -76.79	80.70 3.36 -31.48	62.15 3.35 -12.84	65.17 3.41 -11.07	113.07 3.39 -62.13	73.41 3.49 -18.94	84.04 3.30 -32.11	91.70 3.85 -28.38	86.25 2.94 -36.76	57.76 2.80 -11.10	97.30 2.80 -54.32	59.89 2.02 -29.55
FREEPORT___CT2 23818	48.10 3.43 -3.01	34.29 2.35 0.00	29.84 1.97 0.00	30.86 1.85 0.00	35.51 1.85 0.00	44.22 2.12 0.00	37.92 2.10 0.00	46.31 2.75 0.00	53.32 3.13 0.00	50.41 3.04 -1.78	64.53 3.43 -11.17	67.26 3.20 -17.65	129.05 3.59 -76.79	80.70 3.36 -31.48	62.15 3.35 -12.84	65.17 3.41 -11.07	113.07 3.39 -62.13	73.41 3.49 -18.94	84.04 3.30 -32.11	91.70 3.85 -28.38	86.25 2.94 -36.76	57.76 2.80 -11.10	97.30 2.80 -54.32	59.89 2.02 -29.55
FRESHKLS_33_KV_LOAD 356253	44.53 2.86 0.00	34.08 2.14 0.00	29.66 1.80 0.00	30.70 1.69 0.00	35.42 1.76 0.00	44.10 2.01 0.00	37.94 2.12 0.00	46.37 2.46 -0.35	52.78 2.60 0.01	48.29 2.69 0.00	52.68 2.74 0.00	49.13 2.71 0.00	51.63 2.96 0.00	48.73 2.86 0.00	48.96 2.99 0.00	53.61 2.92 0.00	50.53 2.97 0.00	54.18 3.20 0.00	51.68 3.06 0.00	63.20 3.73 0.00	49.45 2.90 0.00	47.63 2.59 -1.18	45.91 2.48 -3.26	39.06 1.90 -8.84
FULTON COGEN____ 23766	40.82 -0.83 0.00	31.37 -0.58 0.00	27.34 -0.52 0.00	28.42 -0.58 0.00	33.02 -0.64 0.00	41.25 -0.85 0.00	34.96 -0.86 0.00	42.39 -1.16 0.00	48.80 -1.39 0.00	44.30 -1.30 0.00	48.54 -1.40 0.00	45.03 -1.38 0.00	47.21 -1.46 0.00	44.53 -1.34 0.00	44.67 -1.30 0.00	49.26 -1.44 0.00	46.29 -1.26 0.00	49.65 -1.33 0.00	47.36 -1.26 0.00	58.06 -1.41 0.00	45.46 -1.09 0.00	42.83 -1.02 0.00	39.11 -1.07 0.00	27.53 -0.79 0.00
FULTON___LFGE 323630	44.11 2.45 0.00	33.84 1.90 0.00	29.46 1.60 0.00	30.61 1.60 0.00	35.57 1.91 0.00	44.64 2.54 0.00	38.12 2.30 0.00	46.36 2.80 0.00	53.25 3.06 0.00	48.33 2.73 0.00	52.81 2.88 0.00	48.93 2.52 0.00	51.32 2.65 0.00	48.28 2.41 0.00	48.39 2.42 0.00	53.48 2.79 0.00	50.21 2.65 0.00	53.93 2.95 0.00	51.61 2.98 0.00	63.23 3.77 0.00	49.53 2.97 0.00	46.59 2.73 0.00	42.54 2.37 0.00	29.88 1.57 0.00
G.F.CEMENT___DRP 24184	43.94 2.28 0.00	33.79 1.85 0.00	29.49 1.62 0.00	30.55 1.54 0.00	35.31 1.64 0.00	44.09 1.99 0.00	37.80 1.98 0.00	46.42 2.86 0.00	53.21 3.02 0.00	48.23 2.63 0.00	52.61 2.68 0.00	48.94 2.53 0.00	51.32 2.64 0.00	48.33 2.47 0.00	48.46 2.49 0.00	53.50 2.81 0.00	50.54 2.98 0.00	54.38 3.40 0.00	51.87 3.25 0.00	63.55 4.09 0.00	49.39 2.83 0.00	46.41 2.56 0.00	42.55 2.38 0.00	29.96 1.64 0.00
GARDENVILLE___LBMP 24039	39.94 -1.72 0.00	30.83 -1.11 0.00	26.77 -1.10 0.00	27.90 -1.10 0.00	32.79 -0.87 0.00	40.83 -1.27 0.00	34.26 -1.56 0.00	40.74 -2.82 0.00	46.88 -3.31 0.00	42.89 -2.71 0.00	47.96 -1.98 0.00	44.06 -2.35 0.00	46.32 -2.35 0.00	43.83 -2.03 0.00	43.64 -2.33 0.00	47.57 -3.13 0.00	44.46 -3.10 0.00	47.40 -3.58 0.00	45.30 -3.33 0.00	56.20 -3.27 0.00	44.34 -2.21 0.00	42.33 -1.53 0.00	38.22 -1.95 0.00	26.82 -1.49 0.00
GARDNVLA_35_KV_LD 355827	40.06 -1.60 0.00	30.93 -1.02 0.00	26.83 -1.03 0.00	27.95 -1.06 0.00	32.84 -0.82 0.00	40.92 -1.18 0.00	34.33 -1.49 0.00	40.83 -2.73 0.00	46.99 -3.20 0.00	43.00 -2.60 0.00	48.08 -1.86 0.00	44.20 -2.22 0.00	46.47 -2.20 0.00	43.97 -1.90 0.00	43.77 -2.20 0.00	47.73 -2.96 0.00	44.63 -2.93 0.00	47.59 -3.39 0.00	45.47 -3.16 0.00	56.41 -3.06 0.00	44.51 -2.04 0.00	42.48 -1.37 0.00	38.36 -1.82 0.00	26.91 -1.40 0.00
GELCKHM___115KV_LOAD 80723	41.23 -0.43 0.00	31.69 -0.25 0.00	27.62 -0.24 0.00	28.71 -0.30 0.00	33.34 -0.32 0.00	41.65 -0.45 0.00	35.55 -0.27 0.00	43.08 -0.47 0.00	49.24 -0.95 0.00	44.72 -0.88 0.00	49.04 -0.90 0.00	45.50 -0.92 0.00	47.73 -0.94 0.00	45.07 -0.79 0.00	45.15 -0.81 0.00	49.76 -0.93 0.00	46.76 -0.79 0.00	50.12 -0.85 0.00	47.82 -0.80 0.00	58.59 -0.88 0.00	45.90 -0.66 0.00	43.27 -0.59 0.00	39.51 -0.67 0.00	27.81 -0.50 0.00
GENERAL___MILLS 23808	40.01 -1.65 0.00	30.88 -1.06 0.00	26.81 -1.06 0.00	27.93 -1.08 0.00	32.82 -0.84 0.00	40.87 -1.23 0.00	34.30 -1.52 0.00	40.78 -2.78 0.00	46.94 -3.25 0.00	42.95 -2.65 0.00	48.02 -1.92 0.00	44.12 -2.29 0.00	46.41 -2.27 0.00	43.90 -1.97 0.00	43.71 -2.26 0.00	47.65 -3.04 0.00	44.54 -3.01 0.00	47.49 -3.48 0.00	45.38 -3.25 0.00	56.30 -3.16 0.00	44.43 -2.12 0.00	42.41 -1.45 0.00	38.29 -1.88 0.00	26.87 -1.44 0.00
GE_PLASTICS___DRP 24183	42.67 1.01 0.00	32.82 0.88 0.00	28.65 0.79 0.00	29.72 0.72 0.00	34.33 0.66 0.00	42.72 0.63 0.00	36.42 0.60 0.00	44.50 0.94 0.00	51.09 0.90 0.00	46.39 0.79 0.00	50.67 0.73 0.00	47.19 0.78 0.00	49.51 0.84 0.00	46.65 0.79 0.00	46.82 0.86 0.00	51.62 0.93 0.00	48.56 1.00 0.00	52.06 1.09 0.00	49.68 1.06 0.00	60.75 1.29 0.00	47.47 0.92 0.00	44.69 0.84 0.00	41.04 0.86 0.00	28.99 0.67 0.00
GILBOA___1 23756	42.86 1.20 0.00	33.20 1.25 0.00	29.03 1.17 0.00	30.11 1.11 0.00	34.81 1.15 0.00	43.23 1.13 0.00	36.52 0.70 0.00	44.72 1.17 0.00	51.36 1.17 0.00	46.62 1.01 0.00	50.82 0.88 0.00	47.27 0.85 0.00	49.61 0.94 0.00	46.77 0.90 0.00	46.90 0.93 0.00	51.70 1.00 0.00	48.66 1.10 0.00	52.15 1.18 0.00	49.69 1.06 0.00	60.80 1.33 0.00	47.59 1.04 0.00	44.82 0.96 0.00	41.10 0.93 0.00	29.03 0.72 0.00
GILBOA___2 23757	42.86 1.20 0.00	33.20 1.25 0.00	29.03 1.17 0.00	30.11 1.11 0.00	34.81 1.15 0.00	43.23 1.13 0.00	36.52 0.70 0.00	44.72 1.17 0.00	51.36 1.17 0.00	46.62 1.01 0.00	50.82 0.88 0.00	47.27 0.85 0.00	49.61 0.94 0.00	46.77 0.90 0.00	46.90 0.93 0.00	51.70 1.00 0.00	48.66 1.10 0.00	52.15 1.18 0.00	49.69 1.06 0.00	60.80 1.33 0.00	47.59 1.04 0.00	44.82 0.96 0.00	41.10 0.93 0.00	29.03 0.72 0.00
GILBOA___3 23758	42.86 1.20 0.00	33.20 1.25 0.00	29.03 1.17 0.00	30.11 1.11 0.00	34.81 1.15 0.00	43.23 1.13 0.00	36.52 0.70 0.00	44.72 1.17 0.00	51.36 1.17 0.00	46.62 1.01 0.00	50.82 0.88 0.00	47.27 0.85 0.00	49.61 0.94 0.00	46.77 0.90 0.00	46.90 0.93 0.00	51.70 1.00 0.00	48.66 1.10 0.00	52.15 1.18 0.00	49.69 1.06 0.00	60.80 1.33 0.00	47.59 1.04 0.00	44.82 0.96 0.00	41.10 0.93 0.00	29.03 0.72 0.00
GILBOA___4 23759	42.86 1.20 0.00	33.20 1.25 0.00	29.03 1.17 0.00	30.11 1.11 0.00	34.81 1.15 0.00	43.23 1.13 0.00	36.52 0.70 0.00	44.72 1.17 0.00	51.36 1.17 0.00	46.62 1.01 0.00	50.82 0.88 0.00	47.27 0.85 0.00	49.61 0.94 0.00	46.77 0.90 0.00	46.90 0.93 0.00	51.70 1.00 0.00	48.66 1.10 0.00	52.15 1.18 0.00	49.69 1.06 0.00	60.80 1.33 0.00	47.59 1.04 0.00	44.82 0.96 0.00	41.10 0.93 0.00	29.03 0.72 0.00

GILBOA____ 23599	42.86 1.20 0.00	33.20 1.25 0.00	29.03 1.17 0.00	30.12 1.11 0.00	34.81 1.15 0.00	43.23 1.13 0.00	36.52 0.70 0.00	44.73 1.17 0.00	51.36 1.17 0.00	46.62 1.02 0.00	50.82 0.88 0.00	47.27 0.86 0.00	49.61 0.93 0.00	46.77 0.90 0.00	46.90 0.93 0.00	51.70 1.00 0.00	48.67 1.11 0.00	52.15 1.18 0.00	49.69 1.07 0.00	60.80 1.33 0.00	47.59 1.04 0.00	44.82 0.96 0.00	41.11 0.93 0.00	29.03 0.72 0.00
GINNA____ 23603	38.99 -2.67 0.00	29.95 -1.99 0.00	26.12 -1.75 0.00	27.15 -1.86 0.00	31.70 -1.96 0.00	39.64 -2.46 0.00	33.57 -2.25 0.00	40.37 -3.19 0.00	46.39 -3.79 0.00	42.25 -3.35 0.00	46.70 -3.24 0.00	43.13 -3.28 0.00	45.28 -3.39 0.00	42.84 -3.03 0.00	42.80 -3.16 0.00	46.96 -3.73 0.00	44.13 -3.43 0.00	47.24 -3.73 0.00	45.13 -3.50 0.00	55.53 -3.94 0.00	43.66 -2.88 0.00	41.31 -2.55 0.00	37.52 -2.65 0.00	26.32 -1.99 0.00
GLEN PARK____ 23778	41.14 -0.51 0.00	31.55 -0.39 0.00	27.49 -0.38 0.00	28.60 -0.41 0.00	33.43 -0.23 0.00	42.18 0.08 0.00	36.02 0.20 0.00	43.55 -0.01 0.00	49.92 -0.27 0.00	45.11 -0.49 0.00	49.43 -0.51 0.00	44.97 -1.44 0.00	46.45 -2.22 0.00	43.86 -2.00 0.00	44.08 -1.89 0.00	49.42 -1.27 0.00	46.34 -1.21 0.00	49.56 -1.42 0.00	47.66 -0.96 0.00	59.28 -0.19 0.00	45.96 -0.59 0.00	42.60 -1.26 0.00	38.61 -1.57 0.00	25.08 -1.18 2.05
GLENDALE_27_KV_LOAD 356172	44.51 2.85 0.00	34.05 2.11 0.00	29.64 1.78 0.00	30.67 1.66 0.00	35.37 1.71 0.00	44.09 2.00 0.00	37.95 2.12 0.00	46.47 2.91 0.00	53.48 3.29 0.00	48.70 3.10 0.00	53.26 3.32 0.00	49.62 3.21 0.00	52.14 3.46 0.00	49.16 3.29 0.00	49.35 3.39 0.00	54.16 3.46 0.00	50.94 3.38 0.00	54.61 3.64 0.00	52.09 3.47 0.00	63.56 4.10 0.00	49.67 3.12 0.00	46.68 2.83 0.00	42.90 2.73 0.00	30.33 2.01 0.00
GLENWOOD_IC_1_G5 23712	46.50 3.15 -1.69	34.17 2.23 0.00	29.74 1.88 0.00	30.78 1.77 0.00	35.45 1.79 0.00	44.18 2.09 0.00	37.91 2.09 0.00	46.34 2.79 0.00	53.37 3.18 0.00	50.12 3.03 -1.49	62.58 3.20 -9.45	66.56 3.09 -17.05	117.84 3.39 -65.78	74.95 3.20 -25.88	60.08 3.25 -10.86	63.36 3.28 -9.39	103.47 3.24 -52.66	70.52 3.43 -16.11	88.77 3.28 -36.87	99.99 3.88 -36.64	96.07 2.95 -46.57	60.17 2.68 -13.63	95.42 2.65 -52.60	57.01 1.98 -26.71
GLENWOOD_IC_2_G1 23688	44.57 2.90 -0.01	34.01 2.07 0.00	29.61 1.75 0.00	30.65 1.64 0.00	35.32 1.66 0.00	44.02 1.92 0.00	37.77 1.95 0.00	46.19 2.63 0.00	53.16 2.97 0.00	48.46 2.82 -0.04	53.28 3.07 -0.28	49.96 2.96 -0.58	53.87 3.24 -1.96	49.67 3.08 -0.73	49.40 3.13 -0.30	54.13 3.18 -0.26	52.13 3.13 -1.45	54.74 3.32 -0.44	53.25 3.18 -1.44	64.79 3.76 -1.56	51.37 2.86 -1.96	47.01 2.59 -0.56	44.45 2.53 -1.74	30.99 1.87 -0.81
GLENWOOD_IC_3_G1 23689	44.57 2.90 -0.01	34.01 2.07 0.00	29.61 1.75 0.00	30.65 1.64 0.00	35.32 1.66 0.00	44.02 1.92 0.00	37.77 1.95 0.00	46.19 2.63 0.00	53.16 2.97 0.00	48.46 2.82 -0.04	53.28 3.07 -0.28	49.96 2.96 -0.58	53.87 3.24 -1.96	49.67 3.08 -0.73	49.40 3.13 -0.30	54.13 3.18 -0.26	52.13 3.13 -1.45	54.74 3.32 -0.44	53.25 3.18 -1.44	64.79 3.76 -1.56	51.37 2.86 -1.96	47.01 2.59 -0.56	44.45 2.53 -1.74	30.99 1.87 -0.81
GLENWOOD____4 23550	46.50 3.15 -1.69	34.17 2.23 0.00	29.74 1.88 0.00	30.78 1.77 0.00	35.45 1.79 0.00	44.18 2.09 0.00	37.91 2.09 0.00	46.34 2.79 0.00	53.37 3.18 0.00	50.13 3.04 -1.49	62.64 3.26 -9.45	66.62 3.15 -17.05	117.90 3.44 -65.78	75.02 3.27 -25.88	60.15 3.31 -10.86	63.43 3.34 -9.39	103.52 3.30 -52.66	70.57 3.48 -16.11	88.84 3.34 -36.87	100.05 3.95 -36.64	96.13 3.01 -46.57	60.21 2.73 -13.63	95.46 2.68 -52.60	57.01 1.98 -26.71
GLENWOOD____5 23614	46.50 3.15 -1.69	34.17 2.23 0.00	29.74 1.88 0.00	30.78 1.77 0.00	35.45 1.79 0.00	44.18 2.09 0.00	37.91 2.09 0.00	46.34 2.79 0.00	53.37 3.18 0.00	50.13 3.04 -1.49	62.64 3.26 -9.45	66.62 3.15 -17.05	117.90 3.44 -65.78	75.02 3.27 -25.88	60.15 3.31 -10.86	63.43 3.34 -9.39	103.52 3.30 -52.66	70.57 3.48 -16.11	88.84 3.34 -36.87	100.05 3.95 -36.64	96.13 3.01 -46.57	60.21 2.73 -13.63	95.46 2.68 -52.60	57.01 1.98 -26.71
GLOBAL GREEN_PORT_GT1 23814	45.30 4.25 0.60	34.50 2.56 0.00	29.91 2.05 0.00	30.59 1.58 0.00	35.11 1.45 0.00	43.78 1.68 0.00	37.59 1.77 0.00	46.02 2.46 0.00	53.07 2.88 0.00	49.10 3.24 -0.27	56.40 4.86 -1.60	52.34 4.70 -1.23	60.44 4.89 -6.87	53.31 3.95 -3.49	52.17 4.17 -2.03	56.10 3.64 -1.77	45.09 3.61 6.07	57.63 3.63 -3.03	65.89 3.38 -13.89	81.58 3.86 -18.26	67.30 2.87 -17.87	41.04 2.57 5.38	45.83 2.55 -3.10	34.95 1.76 -4.88
GLOBE____DSASP 323697	39.09 -2.57 0.00	30.17 -1.78 0.00	26.27 -1.60 0.00	27.31 -1.70 0.00	32.08 -1.58 0.00	39.93 -2.16 0.00	33.42 -2.40 0.00	39.31 -4.24 0.00	45.10 -5.09 0.00	41.29 -4.31 0.00	46.40 -3.54 0.00	42.66 -3.75 0.00	44.76 -3.91 0.00	42.42 -3.45 0.00	42.24 -3.73 0.00	46.07 -4.62 0.00	43.02 -4.54 0.00	45.81 -5.17 0.00	43.80 -4.82 0.00	54.27 -5.20 0.00	42.94 -3.61 0.00	41.03 -2.83 0.00	37.16 -3.02 0.00	26.08 -2.23 0.00
GOETHSLN____LBMP 323567	44.08 2.42 0.00	33.72 1.78 0.00	29.37 1.50 0.00	30.39 1.38 0.00	35.05 1.39 0.00	43.70 1.60 0.00	37.60 1.77 0.00	46.00 2.48 0.04	52.94 2.75 0.00	48.15 2.55 0.00	52.63 2.69 0.00	49.03 2.61 0.00	51.53 2.86 0.00	48.60 2.73 0.00	48.79 2.82 0.00	53.59 2.90 0.00	50.39 2.83 0.00	54.04 3.06 0.00	51.54 2.92 0.00	62.95 3.48 0.00	49.17 2.62 0.00	46.09 2.35 0.12	42.20 2.35 0.32	29.18 1.74 0.88
GOLAH____69_KV_TB 1_2 80279	40.77 -0.89 0.00	31.33 -0.61 0.00	27.30 -0.57 0.00	28.39 -0.62 0.00	33.22 -0.44 0.00	41.46 -0.63 0.00	35.04 -0.78 0.00	42.07 -1.48 0.00	48.41 -1.77 0.00	44.14 -1.46 0.00	48.93 -1.02 0.00	44.98 -1.43 0.00	47.17 -1.50 0.00	44.62 -1.25 0.00	44.58 -1.38 0.00	48.78 -1.91 0.00	45.72 -1.83 0.00	49.03 -1.95 0.00	46.95 -1.67 0.00	57.94 -1.52 0.00	45.62 -0.93 0.00	43.26 -0.60 0.00	39.20 -0.98 0.00	27.50 -0.81 0.00
GOODYEAR_LAKE_HYD 323669	43.16 1.50 0.00	33.25 1.30 0.00	28.97 1.11 0.00	30.11 1.10 0.00	34.95 1.29 0.00	43.71 1.62 0.00	37.19 1.37 0.00	45.27 1.72 0.00	52.12 1.94 0.00	47.33 1.73 0.00	51.84 1.90 0.00	48.01 1.60 0.00	50.38 1.71 0.00	47.54 1.68 0.00	47.63 1.66 0.00	52.39 1.70 0.00	49.24 1.68 0.00	52.75 1.78 0.00	50.32 1.70 0.00	61.55 2.09 0.00	48.24 1.69 0.00	45.40 1.55 0.00	41.47 1.29 0.00	29.18 0.86 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	41.90 0.24 0.00	32.35 0.41 0.00	28.09 0.23 0.00	29.21 0.21 0.00	33.94 0.28 0.00	42.37 0.27 0.00	35.97 0.15 0.00	43.70 0.15 0.00	50.26 0.08 0.00	45.71 0.11 0.00	50.15 0.21 0.00	46.42 0.00 0.00	48.78 0.11 0.00	46.02 0.15 0.00	46.11 0.14 0.00	50.55 -0.15 0.00	47.57 0.01 0.00	50.90 -0.07 0.00	48.45 -0.18 0.00	59.55 0.08 0.00	46.56 0.01 0.00	44.02 0.17 0.00	40.13 -0.05 0.00	28.28 -0.04 0.00

GOUDEY___7 23579	41.90 0.24 0.00	32.35 0.41 0.00	28.09 0.23 0.00	29.21 0.21 0.00	33.94 0.28 0.00	42.37 0.27 0.00	35.97 0.15 0.00	43.70 0.15 0.00	50.26 0.08 0.00	45.71 0.11 0.00	50.15 0.21 0.00	46.42 0.00 0.00	48.78 0.11 0.00	46.02 0.15 0.00	46.11 0.14 0.00	50.55 -0.15 0.00	47.57 0.01 0.00	50.90 -0.07 0.00	48.45 -0.18 0.00	59.55 0.08 0.00	46.56 0.01 0.00	44.02 0.17 0.00	40.13 -0.05 0.00	28.28 -0.04 0.00
GOUDEY___8 23580	41.90 0.24 0.00	32.35 0.41 0.00	28.09 0.23 0.00	29.21 0.21 0.00	33.94 0.28 0.00	42.37 0.27 0.00	35.97 0.15 0.00	43.70 0.15 0.00	50.26 0.08 0.00	45.71 0.11 0.00	50.15 0.21 0.00	46.42 0.00 0.00	48.78 0.11 0.00	46.02 0.15 0.00	46.11 0.14 0.00	50.55 -0.15 0.00	47.57 0.01 0.00	50.90 -0.07 0.00	48.45 -0.18 0.00	59.55 0.08 0.00	46.56 0.01 0.00	44.02 0.17 0.00	40.13 -0.05 0.00	28.28 -0.04 0.00
GOWANUS_GT1_1 24077	44.46 2.80 0.00	34.02 2.07 0.00	29.60 1.74 0.00	30.63 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.91 2.08 0.00	46.66 2.76 -0.35	53.23 3.04 0.00	48.55 2.95 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.29 0.00	49.02 3.15 0.00	49.21 3.24 0.00	53.96 3.26 0.00	50.77 3.22 0.00	54.44 3.46 0.00	51.92 3.29 0.00	63.41 3.95 0.00	49.57 3.02 0.00	47.77 2.73 -1.18	46.06 2.63 -3.26	39.12 1.96 -8.84
GOWANUS_GT1_2 24078	44.46 2.80 0.00	34.02 2.07 0.00	29.60 1.74 0.00	30.63 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.91 2.08 0.00	46.66 2.76 -0.35	53.23 3.04 0.00	48.55 2.95 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.29 0.00	49.02 3.15 0.00	49.21 3.24 0.00	53.96 3.26 0.00	50.77 3.22 0.00	54.44 3.46 0.00	51.92 3.29 0.00	63.41 3.95 0.00	49.57 3.02 0.00	47.77 2.73 -1.18	46.06 2.63 -3.26	39.12 1.96 -8.84
GOWANUS_GT1_3 24079	44.46 2.80 0.00	34.02 2.07 0.00	29.60 1.74 0.00	30.63 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.91 2.08 0.00	46.66 2.76 -0.35	53.23 3.04 0.00	48.55 2.95 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.29 0.00	49.02 3.15 0.00	49.21 3.24 0.00	53.96 3.26 0.00	50.77 3.22 0.00	54.44 3.46 0.00	51.92 3.29 0.00	63.41 3.95 0.00	49.57 3.02 0.00	47.77 2.73 -1.18	46.06 2.63 -3.26	39.12 1.96 -8.84
GOWANUS_GT1_4 24080	44.46 2.80 0.00	34.02 2.07 0.00	29.60 1.74 0.00	30.63 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.91 2.08 0.00	46.66 2.76 -0.35	53.23 3.04 0.00	48.55 2.95 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.29 0.00	49.02 3.15 0.00	49.21 3.24 0.00	53.96 3.26 0.00	50.77 3.22 0.00	54.44 3.46 0.00	51.92 3.29 0.00	63.41 3.95 0.00	49.57 3.02 0.00	47.77 2.73 -1.18	46.06 2.63 -3.26	39.12 1.96 -8.84
GOWANUS_GT1_5 24084	44.46 2.80 0.00	34.02 2.07 0.00	29.60 1.74 0.00	30.63 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.91 2.08 0.00	46.66 2.76 -0.35	53.23 3.04 0.00	48.55 2.95 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.29 0.00	49.02 3.15 0.00	49.21 3.24 0.00	53.96 3.26 0.00	50.77 3.22 0.00	54.44 3.46 0.00	51.92 3.29 0.00	63.41 3.95 0.00	49.57 3.02 0.00	47.77 2.73 -1.18	46.06 2.63 -3.26	39.12 1.96 -8.84
GOWANUS_GT1_6 24111	44.46 2.80 0.00	34.02 2.07 0.00	29.60 1.74 0.00	30.63 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.91 2.08 0.00	46.66 2.76 -0.35	53.23 3.04 0.00	48.55 2.95 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.29 0.00	49.02 3.15 0.00	49.21 3.24 0.00	53.96 3.26 0.00	50.77 3.22 0.00	54.44 3.46 0.00	51.92 3.29 0.00	63.41 3.95 0.00	49.57 3.02 0.00	47.77 2.73 -1.18	46.06 2.63 -3.26	39.12 1.96 -8.84
GOWANUS_GT1_7 24112	44.46 2.80 0.00	34.02 2.07 0.00	29.60 1.74 0.00	30.63 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.91 2.08 0.00	46.66 2.76 -0.35	53.23 3.04 0.00	48.55 2.95 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.29 0.00	49.02 3.15 0.00	49.21 3.24 0.00	53.96 3.26 0.00	50.77 3.22 0.00	54.44 3.46 0.00	51.92 3.29 0.00	63.41 3.95 0.00	49.57 3.02 0.00	47.77 2.73 -1.18	46.06 2.63 -3.26	39.12 1.96 -8.84
GOWANUS_GT1_8 24113	44.46 2.80 0.00	34.02 2.07 0.00	29.60 1.74 0.00	30.63 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.91 2.08 0.00	46.66 2.76 -0.35	53.23 3.04 0.00	48.55 2.95 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.29 0.00	49.02 3.15 0.00	49.21 3.24 0.00	53.96 3.26 0.00	50.77 3.22 0.00	54.44 3.46 0.00	51.92 3.29 0.00	63.41 3.95 0.00	49.57 3.02 0.00	47.77 2.73 -1.18	46.06 2.63 -3.26	39.12 1.96 -8.84
GOWANUS_GT2_1 24114	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
GOWANUS_GT2_2 24115	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
GOWANUS_GT2_3 24116	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
GOWANUS_GT2_4 24117	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
GOWANUS_GT2_5 24118	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84

GOWANUS_GT2_6 24119	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
GOWANUS_GT2_7 24120	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
GOWANUS_GT2_8 24121	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
GOWANUS_GT3_1 24122	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
GOWANUS_GT3_2 24123	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
GOWANUS_GT3_3 24124	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
GOWANUS_GT3_4 24125	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
GOWANUS_GT3_5 24126	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
GOWANUS_GT3_6 24127	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
GOWANUS_GT3_7 24128	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
GOWANUS_GT3_8 24129	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
GOWANUS_GT4_1 24130	44.46 2.80 0.00	34.02 2.07 0.00	29.60 1.74 0.00	30.63 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.91 2.08 0.00	46.66 2.76 -0.35	53.23 3.04 0.00	48.55 2.95 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.29 0.00	49.02 3.15 0.00	49.21 3.24 0.00	53.96 3.26 0.00	50.77 3.22 0.00	54.44 3.46 0.00	51.92 3.29 0.00	63.41 3.95 0.00	49.57 3.02 0.00	47.77 2.73 -1.18	46.06 2.63 -3.26	39.12 1.96 -8.84
GOWANUS_GT4_2 24131	44.46 2.80 0.00	34.02 2.07 0.00	29.60 1.74 0.00	30.63 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.91 2.08 0.00	46.66 2.76 -0.35	53.23 3.04 0.00	48.55 2.95 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.29 0.00	49.02 3.15 0.00	49.21 3.24 0.00	53.96 3.26 0.00	50.77 3.22 0.00	54.44 3.46 0.00	51.92 3.29 0.00	63.41 3.95 0.00	49.57 3.02 0.00	47.77 2.73 -1.18	46.06 2.63 -3.26	39.12 1.96 -8.84
GOWANUS_GT4_3 24132	44.46 2.80 0.00	34.02 2.07 0.00	29.60 1.74 0.00	30.63 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.91 2.08 0.00	46.66 2.76 -0.35	53.23 3.04 0.00	48.55 2.95 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.29 0.00	49.02 3.15 0.00	49.21 3.24 0.00	53.96 3.26 0.00	50.77 3.22 0.00	54.44 3.46 0.00	51.92 3.29 0.00	63.41 3.95 0.00	49.57 3.02 0.00	47.77 2.73 -1.18	46.06 2.63 -3.26	39.12 1.96 -8.84
GOWANUS_GT4_4 24133	44.46 2.80 0.00	34.02 2.07 0.00	29.60 1.74 0.00	30.63 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.91 2.08 0.00	46.66 2.76 -0.35	53.23 3.04 0.00	48.55 2.95 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.29 0.00	49.02 3.15 0.00	49.21 3.24 0.00	53.96 3.26 0.00	50.77 3.22 0.00	54.44 3.46 0.00	51.92 3.29 0.00	63.41 3.95 0.00	49.57 3.02 0.00	47.77 2.73 -1.18	46.06 2.63 -3.26	39.12 1.96 -8.84

GOWANUS_GT4_5 24134	44.46 2.80 0.00	34.02 2.07 0.00	29.60 1.74 0.00	30.63 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.91 2.08 0.00	46.66 2.76 -0.35	53.23 3.04 0.00	48.55 2.95 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.29 0.00	49.02 3.15 0.00	49.21 3.24 0.00	53.96 3.26 0.00	50.77 3.22 0.00	54.44 3.46 0.00	51.92 3.29 0.00	63.41 3.95 0.00	49.57 3.02 0.00	47.77 2.73 -1.18	46.06 2.63 -3.26	39.12 1.96 -8.84
GOWANUS_GT4_6 24135	44.46 2.80 0.00	34.02 2.07 0.00	29.60 1.74 0.00	30.63 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.91 2.08 0.00	46.66 2.76 -0.35	53.23 3.04 0.00	48.55 2.95 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.29 0.00	49.02 3.15 0.00	49.21 3.24 0.00	53.96 3.26 0.00	50.77 3.22 0.00	54.44 3.46 0.00	51.92 3.29 0.00	63.41 3.95 0.00	49.57 3.02 0.00	47.77 2.73 -1.18	46.06 2.63 -3.26	39.12 1.96 -8.84
GOWANUS_GT4_7 24136	44.46 2.80 0.00	34.02 2.07 0.00	29.60 1.74 0.00	30.63 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.91 2.08 0.00	46.66 2.76 -0.35	53.23 3.04 0.00	48.55 2.95 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.29 0.00	49.02 3.15 0.00	49.21 3.24 0.00	53.96 3.26 0.00	50.77 3.22 0.00	54.44 3.46 0.00	51.92 3.29 0.00	63.41 3.95 0.00	49.57 3.02 0.00	47.77 2.73 -1.18	46.06 2.63 -3.26	39.12 1.96 -8.84
GOWANUS_GT4_8 24137	44.46 2.80 0.00	34.02 2.07 0.00	29.60 1.74 0.00	30.63 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.91 2.08 0.00	46.66 2.76 -0.35	53.23 3.04 0.00	48.55 2.95 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.29 0.00	49.02 3.15 0.00	49.21 3.24 0.00	53.96 3.26 0.00	50.77 3.22 0.00	54.44 3.46 0.00	51.92 3.29 0.00	63.41 3.95 0.00	49.57 3.02 0.00	47.77 2.73 -1.18	46.06 2.63 -3.26	39.12 1.96 -8.84
GREATVRV_69_KV_BK1 356245	45.34 4.09 0.41	34.71 2.76 0.00	30.21 2.35 0.00	31.21 2.21 0.00	35.88 2.21 0.00	44.68 2.58 0.00	38.29 2.47 0.00	46.74 3.18 0.00	53.86 3.67 0.00	49.57 3.62 -0.35	56.32 4.23 -2.15	52.62 4.07 -2.14	63.92 4.53 -10.72	55.05 4.15 -5.04	52.87 4.23 -2.67	57.14 4.13 -2.32	49.60 4.14 2.10	59.33 4.37 -3.98	67.90 4.20 -15.08	83.27 4.78 -19.02	69.33 3.62 -19.16	42.88 3.43 4.41	49.70 3.36 -6.16	37.06 2.39 -6.35
GREENBSH_115KV_TB3 55895	42.55 0.89 0.00	32.72 0.78 0.00	28.56 0.70 0.00	29.62 0.61 0.00	34.18 0.52 0.00	42.54 0.44 0.00	36.31 0.49 0.00	44.39 0.83 0.00	50.99 0.81 0.00	46.36 0.76 0.00	50.62 0.68 0.00	47.20 0.79 0.00	49.51 0.84 0.00	46.65 0.78 0.00	46.82 0.86 0.00	51.58 0.88 0.00	48.41 0.86 0.00	51.91 0.94 0.00	49.55 0.92 0.00	60.58 1.12 0.00	47.31 0.76 0.00	44.57 0.72 0.00	40.93 0.75 0.00	28.93 0.61 0.00
GREENDGE_115KV_TB5 80291	41.39 -0.27 0.00	31.95 0.00 0.00	27.73 -0.13 0.00	28.88 -0.12 0.00	33.68 0.02 0.00	42.14 0.04 0.00	35.95 0.13 0.00	44.03 0.48 0.00	50.22 0.03 0.00	45.79 0.19 0.00	49.85 -0.09 0.00	46.11 -0.30 0.00	48.43 -0.24 0.00	45.46 -0.41 0.00	45.32 -0.64 0.00	49.63 -1.06 0.00	46.87 -0.69 0.00	50.23 -0.75 0.00	47.66 -0.96 0.00	58.53 -0.94 0.00	46.02 -0.53 0.00	43.68 -0.18 0.00	39.61 -0.57 0.00	27.83 -0.49 0.00
GREENIDGE___3 23582	41.39 -0.27 0.00	31.95 0.00 0.00	27.73 -0.13 0.00	28.88 -0.12 0.00	33.68 0.02 0.00	42.14 0.04 0.00	35.95 0.13 0.00	44.03 0.48 0.00	50.22 0.03 0.00	45.79 0.19 0.00	49.85 -0.09 0.00	46.11 -0.30 0.00	48.43 -0.24 0.00	45.46 -0.41 0.00	45.32 -0.64 0.00	49.63 -1.06 0.00	46.87 -0.69 0.00	50.23 -0.75 0.00	47.66 -0.96 0.00	58.53 -0.94 0.00	46.02 -0.53 0.00	43.68 -0.18 0.00	39.61 -0.57 0.00	27.83 -0.49 0.00
GREENIDGE___4 23583	41.38 -0.27 0.00	31.95 0.00 0.00	27.73 -0.13 0.00	28.89 -0.12 0.00	33.68 0.02 0.00	42.14 0.04 0.00	35.96 0.14 0.00	44.03 0.48 0.00	50.22 0.03 0.00	45.80 0.20 0.00	49.84 -0.10 0.00	46.14 -0.27 0.00	48.46 -0.22 0.00	45.46 -0.40 0.00	45.31 -0.66 0.00	49.63 -1.07 0.00	46.88 -0.67 0.00	50.22 -0.75 0.00	47.66 -0.96 0.00	58.54 -0.93 0.00	46.04 -0.51 0.00	43.69 -0.17 0.00	39.60 -0.58 0.00	27.82 -0.49 0.00
GREENLWN_69_KV_BK 3 55738	44.50 3.34 0.49	34.16 2.22 0.00	29.73 1.87 0.00	30.75 1.74 0.00	35.35 1.68 0.00	44.00 1.91 0.00	37.70 1.88 0.00	46.01 2.45 0.00	53.00 2.81 0.00	48.68 2.76 -0.32	55.06 3.20 -1.92	51.31 3.13 -1.77	61.29 3.47 -9.14	53.49 3.22 -4.40	51.66 3.28 -2.42	55.98 3.18 -2.10	47.07 3.28 3.77	58.00 3.42 -3.61	66.53 3.22 -14.69	81.96 3.66 -18.83	68.06 2.75 -18.76	41.57 2.54 4.83	47.66 2.55 -4.93	35.96 1.87 -5.78
GREENWD_138_KV_38B11_REV_LBMP_J 345004	44.46 2.80 0.00	34.02 2.07 0.00	29.60 1.74 0.00	30.63 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.91 2.08 0.00	46.66 2.76 -0.35	53.23 3.04 0.00	48.55 2.95 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.29 0.00	49.02 3.15 0.00	49.21 3.24 0.00	53.96 3.26 0.00	50.77 3.22 0.00	54.44 3.46 0.00	51.92 3.29 0.00	63.41 3.95 0.00	49.57 3.02 0.00	47.77 2.73 -1.18	46.06 2.63 -3.26	39.12 1.96 -8.84
GRISSOM___SOLAR 323813	44.06 2.40 0.00	33.82 1.87 0.00	29.45 1.59 0.00	30.59 1.58 0.00	35.52 1.86 0.00	44.52 2.43 0.00	38.03 2.21 0.00	46.29 2.73 0.00	53.13 2.94 0.00	48.19 2.59 0.00	52.61 2.68 0.00	48.76 2.35 0.00	51.18 2.51 0.00	48.12 2.26 0.00	48.25 2.28 0.00	53.39 2.69 0.00	50.17 2.61 0.00	53.88 2.91 0.00	51.55 2.92 0.00	63.17 3.71 0.00	49.46 2.91 0.00	46.52 2.66 0.00	42.51 2.33 0.00	29.87 1.56 0.00
GROVEVILLE___HYD 323602	44.24 2.58 0.00	33.90 1.95 0.00	29.53 1.67 0.00	30.58 1.57 0.00	35.30 1.64 0.00	44.02 1.92 0.00	37.74 1.92 0.00	46.19 2.64 0.00	53.16 2.98 0.00	48.39 2.79 0.00	52.92 2.98 0.00	49.27 2.85 0.00	51.76 3.08 0.00	48.78 2.92 0.00	48.94 2.98 0.00	53.84 3.14 0.00	50.63 3.08 0.00	54.35 3.38 0.00	51.86 3.23 0.00	63.43 3.97 0.00	49.52 2.97 0.00	46.54 2.68 0.00	42.70 2.53 0.00	30.10 1.79 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	41.48 -0.18 0.00	31.89 -0.06 0.00	27.79 -0.08 0.00	28.88 -0.13 0.00	33.54 -0.12 0.00	41.92 -0.17 0.00	35.99 0.17 0.00	43.63 0.07 0.00	49.51 -0.68 0.00	44.95 -0.65 0.00	49.27 -0.67 0.00	45.72 -0.69 0.00	47.96 -0.71 0.00	45.29 -0.58 0.00	45.36 -0.60 0.00	50.02 -0.67 0.00	47.01 -0.55 0.00	50.38 -0.59 0.00	48.07 -0.56 0.00	58.87 -0.60 0.00	46.15 -0.41 0.00	43.49 -0.37 0.00	39.70 -0.48 0.00	27.94 -0.38 0.00
HAMLTNNY_34_KV_TB 80303	41.48 -0.18 0.00	31.90 -0.04 0.00	27.79 -0.07 0.00	28.90 -0.11 0.00	33.57 -0.09 0.00	41.98 -0.12 0.00	36.26 0.44 0.00	43.98 0.43 0.00	49.41 -0.78 0.00	44.88 -0.72 0.00	49.15 -0.79 0.00	45.65 -0.76 0.00	47.86 -0.81 0.00	45.10 -0.76 0.00	45.25 -0.72 0.00	49.88 -0.81 0.00	46.88 -0.68 0.00	50.23 -0.75 0.00	47.94 -0.68 0.00	58.71 -0.76 0.00	46.12 -0.43 0.00	43.52 -0.34 0.00	39.70 -0.48 0.00	27.93 -0.39 0.00

HAMPSHIRE___PAPER_HYD 323593	40.05 -1.61 0.00	30.66 -1.29 0.00	26.76 -1.10 0.00	28.02 -0.99 0.00	32.73 -0.93 0.00	41.35 -0.74 0.00	35.24 -0.59 0.00	42.61 -0.94 0.00	49.23 -0.95 0.00	44.54 -1.06 0.00	48.89 -1.05 0.00	45.07 -1.35 0.00	46.89 -1.79 0.00	44.15 -1.72 0.00	44.29 -1.68 0.00	49.28 -1.42 0.00	45.93 -1.62 0.00	48.99 -1.98 0.00	46.90 -1.72 0.00	57.96 -1.51 0.00	44.97 -1.58 0.00	41.97 -1.88 0.00	38.27 -1.91 0.00	20.97 -1.45 5.90
HARDSCRABBLE_WT_PWR 323673	41.08 -0.57 0.00	31.60 -0.34 0.00	27.53 -0.34 0.00	28.47 -0.54 0.00	32.85 -0.81 0.00	40.97 -1.13 0.00	34.95 -0.88 0.00	42.75 -0.81 0.00	49.03 -1.15 0.00	44.65 -0.95 0.00	48.47 -1.47 0.00	45.05 -1.36 0.00	47.21 -1.46 0.00	44.25 -1.62 0.00	44.39 -1.58 0.00	49.06 -1.64 0.00	46.35 -1.21 0.00	49.88 -1.10 0.00	47.56 -1.07 0.00	58.26 -1.21 0.00	45.40 -1.15 0.00	42.79 -1.07 0.00	39.25 -0.93 0.00	28.22 -0.66 -0.57
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	43.99 2.33 0.00	33.68 1.74 0.00	29.32 1.46 0.00	30.38 1.37 0.00	35.08 1.42 0.00	43.75 1.66 0.00	37.55 1.72 0.00	45.90 2.34 0.00	52.84 2.66 0.00	48.09 2.48 0.00	52.62 2.68 0.00	48.99 2.57 0.00	51.49 2.82 0.00	48.51 2.64 0.00	48.69 2.73 0.00	53.58 2.89 0.00	50.39 2.83 0.00	54.09 3.12 0.00	51.62 2.99 0.00	63.13 3.66 0.00	49.23 2.68 0.00	46.30 2.45 0.00	42.49 2.31 0.00	29.94 1.63 0.00
HARSNRAD_115KV_TB1 81005	39.49 -2.17 0.00	30.41 -1.54 0.00	26.48 -1.39 0.00	27.57 -1.43 0.00	32.48 -1.19 0.00	40.29 -1.81 0.00	33.77 -2.05 0.00	40.00 -3.56 0.00	45.99 -4.19 0.00	42.09 -3.51 0.00	47.20 -2.74 0.00	43.34 -3.07 0.00	45.48 -3.19 0.00	43.06 -2.81 0.00	42.86 -3.11 0.00	46.75 -3.95 0.00	43.66 -3.90 0.00	46.57 -4.40 0.00	44.59 -4.03 0.00	55.30 -4.17 0.00	43.74 -2.81 0.00	41.77 -2.09 0.00	37.76 -2.42 0.00	26.52 -1.80 0.00
HARZA MOOSE___RIVER 24016	41.75 0.09 0.00	32.02 0.08 0.00	27.86 0.00 0.00	28.98 -0.02 0.00	33.76 0.10 0.00	42.51 0.41 0.00	36.23 0.41 0.00	43.99 0.43 0.00	50.58 0.39 0.00	45.72 0.13 0.00	50.11 0.17 0.00	46.30 -0.11 0.00	48.27 -0.40 0.00	45.53 -0.34 0.00	45.70 -0.27 0.00	50.74 0.04 0.00	47.47 -0.09 0.00	50.68 -0.30 0.00	48.54 -0.08 0.00	59.86 0.39 0.00	46.39 -0.16 0.00	43.29 -0.57 0.00	39.47 -0.71 0.00	26.54 -0.56 1.21
HDSNBRDG_115KV_BRDG_TB1 355580	41.26 -0.40 0.00	31.72 -0.23 0.00	27.64 -0.23 0.00	28.73 -0.28 0.00	33.37 -0.29 0.00	41.68 -0.42 0.00	35.47 -0.35 0.00	42.99 -0.56 0.00	49.37 -0.82 0.00	44.85 -0.75 0.00	49.21 -0.73 0.00	45.65 -0.76 0.00	47.89 -0.79 0.00	45.23 -0.64 0.00	45.32 -0.64 0.00	49.91 -0.79 0.00	46.89 -0.67 0.00	50.24 -0.74 0.00	47.92 -0.71 0.00	58.73 -0.74 0.00	46.01 -0.55 0.00	43.38 -0.48 0.00	39.60 -0.58 0.00	27.88 -0.43 0.00
HELLGATE_13_KV_LD 55870	44.57 2.91 0.00	34.09 2.15 0.00	29.69 1.83 0.00	30.71 1.70 0.00	35.43 1.76 0.00	44.15 2.05 0.00	38.00 2.18 0.00	46.52 2.97 0.00	53.56 3.37 0.00	48.78 3.18 0.00	53.34 3.40 0.00	49.69 3.28 0.00	52.21 3.54 0.00	49.22 3.35 0.00	49.42 3.45 0.00	54.24 3.55 0.00	51.00 3.45 0.00	54.70 3.72 0.00	52.15 3.53 0.00	63.63 4.16 0.00	49.72 3.17 0.00	46.74 2.88 0.00	42.95 2.77 0.00	30.37 2.06 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	44.57 2.91 0.00	34.09 2.15 0.00	29.69 1.83 0.00	30.71 1.70 0.00	35.43 1.76 0.00	44.15 2.05 0.00	38.00 2.18 0.00	46.52 2.97 0.00	53.56 3.37 0.00	48.78 3.18 0.00	53.34 3.40 0.00	49.69 3.28 0.00	52.21 3.54 0.00	49.22 3.35 0.00	49.42 3.45 0.00	54.24 3.55 0.00	51.00 3.45 0.00	54.70 3.72 0.00	52.15 3.53 0.00	63.63 4.16 0.00	49.72 3.17 0.00	46.74 2.88 0.00	42.95 2.77 0.00	30.37 2.06 0.00
HEMPSTEAD____ 23647	46.63 3.13 -1.84	34.08 2.13 0.00	29.66 1.80 0.00	30.69 1.68 0.00	35.32 1.66 0.00	44.00 1.91 0.00	37.74 1.92 0.00	46.09 2.54 0.00	53.08 2.89 0.00	49.78 2.81 -1.38	61.70 3.11 -8.66	63.23 3.01 -13.80	110.15 3.32 -58.16	72.77 3.14 -23.76	59.81 3.18 -10.67	63.16 3.17 -9.30	102.86 3.15 -52.15	70.22 3.30 -15.94	84.66 3.13 -32.91	94.70 3.65 -31.58	89.67 2.76 -40.36	58.31 2.53 -11.92	92.35 2.54 -49.63	56.07 1.86 -25.89
HICKLING___1 23621	41.52 -0.14 0.00	32.18 0.24 0.00	27.82 -0.04 0.00	28.99 -0.02 0.00	33.83 0.16 0.00	42.27 0.17 0.00	35.84 0.02 0.00	43.41 -0.14 0.00	49.87 -0.32 0.00	45.44 -0.16 0.00	49.86 -0.08 0.00	46.01 -0.40 0.00	48.41 -0.26 0.00	45.72 -0.14 0.00	45.63 -0.33 0.00	49.86 -0.84 0.00	46.99 -0.57 0.00	50.31 -0.67 0.00	47.74 -0.88 0.00	58.84 -0.63 0.00	45.90 -0.65 0.00	43.61 -0.25 0.00	39.52 -0.65 0.00	27.85 -0.47 0.00
HICKLING___2 23622	41.52 -0.14 0.00	32.18 0.24 0.00	27.82 -0.04 0.00	28.99 -0.02 0.00	33.83 0.16 0.00	42.27 0.17 0.00	35.84 0.02 0.00	43.41 -0.14 0.00	49.87 -0.32 0.00	45.44 -0.16 0.00	49.86 -0.08 0.00	46.01 -0.40 0.00	48.41 -0.26 0.00	45.72 -0.14 0.00	45.63 -0.33 0.00	49.86 -0.84 0.00	46.99 -0.57 0.00	50.31 -0.67 0.00	47.74 -0.88 0.00	58.84 -0.63 0.00	45.90 -0.65 0.00	43.61 -0.25 0.00	39.52 -0.65 0.00	27.85 -0.47 0.00
HIGH FALLS___HY 23754	44.21 2.55 0.00	33.88 1.94 0.00	29.51 1.64 0.00	30.55 1.54 0.00	35.31 1.65 0.00	44.05 1.96 0.00	37.74 1.92 0.00	46.19 2.64 0.00	53.25 3.06 0.00	48.49 2.89 0.00	53.07 3.13 0.00	49.36 2.95 0.00	51.90 3.22 0.00	48.89 3.03 0.00	49.06 3.10 0.00	53.97 3.28 0.00	50.78 3.22 0.00	54.53 3.56 0.00	52.05 3.43 0.00	63.69 4.23 0.00	49.74 3.19 0.00	46.74 2.89 0.00	42.82 2.65 0.00	30.17 1.85 0.00
HIGH_RIVER___SOLAR 323847	43.47 1.81 0.00	33.38 1.43 0.00	29.10 1.24 0.00	30.21 1.21 0.00	35.00 1.34 0.00	43.74 1.65 0.00	37.30 1.48 0.00	45.48 1.92 0.00	52.10 1.91 0.00	47.22 1.62 0.00	51.52 1.58 0.00	47.91 1.50 0.00	50.19 1.52 0.00	47.24 1.38 0.00	47.35 1.39 0.00	52.43 1.74 0.00	49.36 1.80 0.00	53.03 2.06 0.00	50.71 2.09 0.00	62.14 2.67 0.00	48.58 2.03 0.00	45.73 1.87 0.00	41.86 1.68 0.00	29.48 1.16 0.00
HILLBURN___GT 23639	43.95 2.29 0.00	33.64 1.70 0.00	29.28 1.41 0.00	30.33 1.33 0.00	35.02 1.36 0.00	43.66 1.56 0.00	37.52 1.69 0.00	45.86 2.30 0.00	52.77 2.58 0.00	47.99 2.39 0.00	52.52 2.58 0.00	48.93 2.52 0.00	51.41 2.73 0.00	48.44 2.57 0.00	48.62 2.66 0.00	53.51 2.81 0.00	50.30 2.74 0.00	54.00 3.02 0.00	51.52 2.90 0.00	63.02 3.55 0.00	49.15 2.59 0.00	46.23 2.37 0.00	42.45 2.27 0.00	29.93 1.61 0.00
HILLSIDE_115KV_TB1 80332	41.27 -0.39 0.00	31.99 0.05 0.00	27.62 -0.25 0.00	28.76 -0.24 0.00	33.49 -0.17 0.00	41.82 -0.27 0.00	35.45 -0.37 0.00	43.02 -0.54 0.00	49.45 -0.74 0.00	45.09 -0.51 0.00	49.44 -0.50 0.00	45.62 -0.79 0.00	48.03 -0.64 0.00	45.33 -0.54 0.00	45.36 -0.60 0.00	49.50 -1.19 0.00	46.66 -0.90 0.00	49.88 -1.09 0.00	47.34 -1.28 0.00	58.40 -1.07 0.00	45.55 -1.00 0.00	43.29 -0.57 0.00	39.29 -0.88 0.00	27.72 -0.60 0.00

HISHELDN_WT_PWR 323625	39.80 -1.86 0.00	30.87 -1.07 0.00	26.78 -1.08 0.00	27.93 -1.08 0.00	32.84 -0.82 0.00	40.91 -1.19 0.00	34.37 -1.45 0.00	40.98 -2.58 0.00	47.09 -3.10 0.00	43.05 -2.55 0.00	47.88 -2.06 0.00	43.96 -2.45 0.00	46.27 -2.41 0.00	43.77 -2.09 0.00	43.47 -2.49 0.00	47.46 -3.23 0.00	44.47 -3.09 0.00	47.56 -3.42 0.00	45.36 -3.26 0.00	56.17 -3.30 0.00	44.19 -2.36 0.00	42.20 -1.66 0.00	38.05 -2.13 0.00	26.72 -1.60 0.00
HOLTSVILLE_IC_1 23690	44.73 3.68 0.61	34.39 2.44 0.00	29.95 2.08 0.00	30.92 1.91 0.00	35.52 1.85 0.00	44.20 2.10 0.00	37.83 2.01 0.00	46.13 2.57 0.00	53.15 2.97 0.00	48.80 2.94 -0.26	55.04 3.54 -1.56	51.03 3.44 -1.18	59.10 3.80 -6.63	52.74 3.48 -3.39	51.52 3.56 -1.99	55.80 3.37 -1.73	44.66 3.41 6.31	57.55 3.60 -2.97	65.87 3.43 -13.81	81.54 3.86 -18.21	67.25 2.91 -17.79	41.16 2.74 5.44	45.89 2.80 -2.91	35.13 2.03 -4.79
HOLTSVILLE_IC_10 23699	44.99 3.89 0.57	34.53 2.59 0.00	30.07 2.21 0.00	31.06 2.05 0.00	35.67 2.01 0.00	44.41 2.31 0.00	38.02 2.20 0.00	46.37 2.82 0.00	53.43 3.25 0.00	49.11 3.23 -0.28	55.53 3.89 -1.70	51.56 3.74 -1.41	60.41 4.14 -7.60	53.44 3.79 -3.78	51.99 3.87 -2.15	56.27 3.71 -1.87	45.94 3.71 5.32	58.14 3.95 -3.21	66.51 3.77 -14.12	82.13 4.26 -18.41	67.89 3.22 -18.12	41.68 3.02 5.19	46.90 3.04 -3.68	35.66 2.19 -5.16
HOLTSVILLE_IC_2 23691	44.73 3.68 0.61	34.39 2.44 0.00	29.95 2.08 0.00	30.92 1.91 0.00	35.52 1.85 0.00	44.20 2.10 0.00	37.83 2.01 0.00	46.13 2.57 0.00	53.15 2.97 0.00	48.80 2.94 -0.26	55.04 3.54 -1.56	51.03 3.44 -1.18	59.10 3.80 -6.63	52.74 3.48 -3.39	51.52 3.56 -1.99	55.80 3.37 -1.73	44.66 3.41 6.31	57.55 3.60 -2.97	65.87 3.43 -13.81	81.54 3.86 -18.21	67.25 2.91 -17.79	41.16 2.74 5.44	45.89 2.80 -2.91	35.13 2.03 -4.79
HOLTSVILLE_IC_3 23692	44.73 3.68 0.61	34.39 2.44 0.00	29.95 2.08 0.00	30.92 1.91 0.00	35.52 1.85 0.00	44.20 2.10 0.00	37.83 2.01 0.00	46.13 2.57 0.00	53.15 2.97 0.00	48.80 2.94 -0.26	55.04 3.54 -1.56	51.03 3.44 -1.18	59.10 3.80 -6.63	52.74 3.48 -3.39	51.52 3.56 -1.99	55.80 3.37 -1.73	44.66 3.41 6.31	57.55 3.60 -2.97	65.87 3.43 -13.81	81.54 3.86 -18.21	67.25 2.91 -17.79	41.16 2.74 5.44	45.89 2.80 -2.91	35.13 2.03 -4.79
HOLTSVILLE_IC_4 23693	44.73 3.68 0.61	34.39 2.44 0.00	29.95 2.08 0.00	30.92 1.91 0.00	35.52 1.85 0.00	44.20 2.10 0.00	37.83 2.01 0.00	46.13 2.57 0.00	53.15 2.97 0.00	48.80 2.94 -0.26	55.04 3.54 -1.56	51.03 3.44 -1.18	59.10 3.80 -6.63	52.74 3.48 -3.39	51.52 3.56 -1.99	55.80 3.37 -1.73	44.66 3.41 6.31	57.55 3.60 -2.97	65.87 3.43 -13.81	81.54 3.86 -18.21	67.25 2.91 -17.79	41.16 2.74 5.44	45.89 2.80 -2.91	35.13 2.03 -4.79
HOLTSVILLE_IC_5 23694	44.73 3.68 0.61	34.39 2.44 0.00	29.95 2.08 0.00	30.92 1.91 0.00	35.52 1.85 0.00	44.20 2.10 0.00	37.83 2.01 0.00	46.13 2.57 0.00	53.15 2.97 0.00	48.80 2.94 -0.26	55.04 3.54 -1.56	51.03 3.44 -1.18	59.10 3.80 -6.63	52.74 3.48 -3.39	51.52 3.56 -1.99	55.80 3.37 -1.73	44.66 3.41 6.31	57.55 3.60 -2.97	65.87 3.43 -13.81	81.54 3.86 -18.21	67.25 2.91 -17.79	41.16 2.74 5.44	45.89 2.80 -2.91	35.13 2.03 -4.79
HOLTSVILLE_IC_6 23695	44.99 3.89 0.57	34.53 2.59 0.00	30.07 2.21 0.00	31.06 2.05 0.00	35.67 2.01 0.00	44.41 2.31 0.00	38.02 2.20 0.00	46.37 2.82 0.00	53.43 3.25 0.00	49.11 3.23 -0.28	55.53 3.89 -1.70	51.56 3.74 -1.41	60.41 4.14 -7.60	53.44 3.79 -3.78	51.99 3.87 -2.15	56.27 3.71 -1.87	45.94 3.71 5.32	58.14 3.95 -3.21	66.51 3.77 -14.12	82.13 4.26 -18.41	67.89 3.22 -18.12	41.68 3.02 5.19	46.90 3.04 -3.68	35.66 2.19 -5.16
HOLTSVILLE_IC_7 23696	44.99 3.89 0.57	34.53 2.59 0.00	30.07 2.21 0.00	31.06 2.05 0.00	35.67 2.01 0.00	44.41 2.31 0.00	38.02 2.20 0.00	46.37 2.82 0.00	53.43 3.25 0.00	49.11 3.23 -0.28	55.53 3.89 -1.70	51.56 3.74 -1.41	60.41 4.14 -7.60	53.44 3.79 -3.78	51.99 3.87 -2.15	56.27 3.71 -1.87	45.94 3.71 5.32	58.14 3.95 -3.21	66.51 3.77 -14.12	82.13 4.26 -18.41	67.89 3.22 -18.12	41.68 3.02 5.19	46.90 3.04 -3.68	35.66 2.19 -5.16
HOLTSVILLE_IC_8 23697	44.99 3.89 0.57	34.53 2.59 0.00	30.07 2.21 0.00	31.06 2.05 0.00	35.67 2.01 0.00	44.41 2.31 0.00	38.02 2.20 0.00	46.37 2.82 0.00	53.43 3.25 0.00	49.11 3.23 -0.28	55.53 3.89 -1.70	51.56 3.74 -1.41	60.41 4.14 -7.60	53.44 3.79 -3.78	51.99 3.87 -2.15	56.27 3.71 -1.87	45.94 3.71 5.32	58.14 3.95 -3.21	66.51 3.77 -14.12	82.13 4.26 -18.41	67.89 3.22 -18.12	41.68 3.02 5.19	46.90 3.04 -3.68	35.66 2.19 -5.16
HOLTSVILLE_IC_9 23698	44.99 3.89 0.57	34.53 2.59 0.00	30.07 2.21 0.00	31.06 2.05 0.00	35.67 2.01 0.00	44.41 2.31 0.00	38.02 2.20 0.00	46.37 2.82 0.00	53.43 3.25 0.00	49.11 3.23 -0.28	55.53 3.89 -1.70	51.56 3.74 -1.41	60.41 4.14 -7.60	53.44 3.79 -3.78	51.99 3.87 -2.15	56.27 3.71 -1.87	45.94 3.71 5.32	58.14 3.95 -3.21	66.51 3.77 -14.12	82.13 4.26 -18.41	67.89 3.22 -18.12	41.68 3.02 5.19	46.90 3.04 -3.68	35.66 2.19 -5.16
HOMER_HL_115KV_TB2 355744	40.99 -0.67 0.00	31.73 -0.21 0.00	27.46 -0.40 0.00	28.68 -0.33 0.00	33.60 -0.07 0.00	41.72 -0.38 0.00	35.07 -0.75 0.00	42.15 -1.40 0.00	48.72 -1.47 0.00	44.53 -1.07 0.00	49.56 -0.38 0.00	45.53 -0.89 0.00	47.96 -0.71 0.00	45.36 -0.51 0.00	45.22 -0.74 0.00	49.00 -1.70 0.00	45.67 -1.89 0.00	48.68 -2.29 0.00	46.50 -2.13 0.00	57.73 -1.73 0.00	45.25 -1.30 0.00	43.18 -0.68 0.00	39.02 -1.16 0.00	27.46 -0.85 0.00
HOWARD_WT_PWR 323690	40.71 -0.95 0.00	31.64 -0.30 0.00	27.46 -0.40 0.00	28.76 -0.25 0.00	33.69 0.03 0.00	42.14 0.05 0.00	35.73 -0.10 0.00	42.93 -0.62 0.00	49.18 -1.01 0.00	44.77 -0.83 0.00	49.19 -0.75 0.00	45.18 -1.23 0.00	47.47 -1.20 0.00	44.87 -1.00 0.00	44.42 -1.55 0.00	48.70 -1.99 0.00	45.79 -1.77 0.00	49.46 -1.52 0.00	46.91 -1.71 0.00	57.30 -2.17 0.00	44.28 -2.27 0.00	42.22 -1.64 0.00	37.99 -2.18 0.00	26.72 -1.60 0.00
HQ_GEN_CEDARS 23644	40.68 -0.98 0.00	30.99 -0.95 0.00	27.14 -0.72 0.00	28.60 -0.40 0.00	33.39 -0.28 0.00	42.11 0.02 0.00	35.82 0.00 0.00	43.23 -0.33 0.00	50.31 0.13 0.00	45.69 0.09 0.00	50.23 0.29 0.00	46.60 0.19 0.00	48.72 0.05 0.00	45.80 -0.06 0.00	45.88 -0.09 0.00	50.73 0.04 0.00	47.26 -0.29 0.00	50.52 -0.45 0.00	48.10 -0.52 0.00	59.00 -0.46 0.00	46.11 -0.44 0.00	43.43 -0.43 0.00	39.75 -0.43 0.00	17.34 -0.41 10.56
HQ_GEN_CEDARS_PROXY 323590	40.68 -0.98 0.00	30.99 -0.96 0.00	27.14 -0.72 0.00	28.60 -0.40 0.00	33.39 -0.28 0.00	42.11 0.02 0.00	35.82 0.00 0.00	43.23 -0.33 0.00	50.31 0.13 0.00	45.70 0.09 0.00	50.23 0.30 0.00	46.60 0.19 0.00	48.72 0.05 0.00	45.80 -0.06 0.00	45.88 -0.09 0.00	50.73 0.04 0.00	47.27 -0.29 0.00	50.52 -0.45 0.00	48.10 -0.52 0.00	59.00 -0.46 0.00	46.11 -0.44 0.00	43.43 -0.43 0.00	39.75 -0.43 0.00	18.56 -0.41 9.34

HQ_GEN_IMPORT 323601	41.18 -0.48 0.00	31.26 -0.53 0.15	27.44 -0.43 0.00	28.71 -0.30 0.00	33.43 -0.23 0.00	42.02 -0.08 0.00	35.82 0.00 0.00	43.44 -0.12 0.00	50.29 0.10 0.00	45.74 0.14 0.00	50.18 0.24 0.00	46.65 0.23 0.00	48.85 0.18 0.00	45.99 0.12 0.00	46.07 0.10 0.00	50.84 0.15 0.00	47.48 -0.07 0.00	50.88 -0.10 0.00	48.51 -0.11 0.00	59.28 -0.19 0.00	46.46 -0.09 0.00	43.76 -0.10 0.00	40.11 -0.07 0.00	26.99 -0.07 1.26
HQ_GEN_WHEEL 23651	41.18 -0.48 0.00	31.26 -0.53 0.15	27.44 -0.43 0.00	28.71 -0.30 0.00	33.43 -0.23 0.00	42.02 -0.08 0.00	35.82 0.00 0.00	43.44 -0.12 0.00	50.29 0.10 0.00	45.74 0.14 0.00	50.18 0.24 0.00	46.65 0.23 0.00	48.85 0.18 0.00	45.99 0.12 0.00	46.07 0.10 0.00	50.84 0.15 0.00	47.48 -0.07 0.00	50.88 -0.10 0.00	48.51 -0.11 0.00	59.28 -0.19 0.00	46.46 -0.09 0.00	43.76 -0.10 0.00	40.11 -0.07 0.00	26.99 -0.07 1.26
HUDSON AVE_GT_3 23810	44.36 2.70 0.00	33.94 2.00 0.00	29.57 1.70 0.00	30.60 1.59 0.00	35.28 1.62 0.00	43.99 1.89 0.00	37.82 2.00 0.00	46.30 2.75 0.00	53.27 3.08 0.00	48.50 2.90 0.00	53.00 3.06 0.00	49.36 2.95 0.00	51.88 3.21 0.00	48.93 3.06 0.00	49.12 3.15 0.00	53.93 3.24 0.00	50.71 3.15 0.00	54.38 3.41 0.00	51.86 3.24 0.00	63.34 3.87 0.00	49.48 2.93 0.00	46.50 2.64 0.00	42.76 2.59 0.00	30.22 1.91 0.00
HUDSON AVE_GT_4 23540	44.36 2.70 0.00	33.94 2.00 0.00	29.57 1.70 0.00	30.60 1.59 0.00	35.28 1.62 0.00	43.99 1.89 0.00	37.82 2.00 0.00	46.30 2.75 0.00	53.27 3.08 0.00	48.50 2.90 0.00	53.00 3.06 0.00	49.36 2.95 0.00	51.88 3.21 0.00	48.93 3.06 0.00	49.12 3.15 0.00	53.93 3.24 0.00	50.71 3.15 0.00	54.38 3.41 0.00	51.86 3.24 0.00	63.34 3.87 0.00	49.48 2.93 0.00	46.50 2.64 0.00	42.76 2.59 0.00	30.22 1.91 0.00
HUDSON AVE_GT_5 23657	44.36 2.70 0.00	33.94 2.00 0.00	29.57 1.70 0.00	30.60 1.59 0.00	35.28 1.62 0.00	43.99 1.89 0.00	37.82 2.00 0.00	46.30 2.75 0.00	53.27 3.08 0.00	48.50 2.90 0.00	53.00 3.06 0.00	49.36 2.95 0.00	51.88 3.21 0.00	48.93 3.06 0.00	49.12 3.15 0.00	53.93 3.24 0.00	50.71 3.15 0.00	54.38 3.41 0.00	51.86 3.24 0.00	63.34 3.87 0.00	49.48 2.93 0.00	46.50 2.64 0.00	42.76 2.59 0.00	30.22 1.91 0.00
HUDSON_AVE_10 24168	44.25 2.59 0.00	33.88 1.94 0.00	29.52 1.65 0.00	30.53 1.52 0.00	35.21 1.55 0.00	43.89 1.79 0.00	37.73 1.91 0.00	46.18 2.62 0.00	53.11 2.92 0.00	48.33 2.73 0.00	52.85 2.84 -0.07	52.34 2.76 -3.18	56.54 2.94 -4.93	49.20 2.81 -0.52	48.86 2.89 0.00	53.68 2.98 0.00	61.45 2.87 -11.01	54.12 3.14 0.00	54.50 2.99 -2.88	65.06 3.56 -2.03	55.18 2.68 -5.95	55.48 2.41 -9.22	52.88 2.38 -10.32	31.61 1.80 -1.50
HUDSON___115KV_TB 4 355613	43.22 1.56 0.00	33.22 1.28 0.00	28.99 1.12 0.00	30.07 1.06 0.00	34.74 1.08 0.00	43.28 1.18 0.00	36.94 1.12 0.00	45.18 1.62 0.00	51.88 1.70 0.00	47.02 1.42 0.00	51.40 1.46 0.00	47.93 1.52 0.00	50.33 1.66 0.00	47.34 1.48 0.00	47.53 1.56 0.00	52.42 1.73 0.00	49.28 1.72 0.00	52.88 1.90 0.00	50.57 1.94 0.00	61.88 2.42 0.00	48.33 1.78 0.00	45.46 1.60 0.00	41.69 1.51 0.00	29.40 1.09 0.00
HUNTER MOUNT___DRP 323613	43.35 1.69 0.00	33.33 1.38 0.00	29.08 1.22 0.00	30.18 1.17 0.00	34.88 1.22 0.00	43.46 1.36 0.00	37.09 1.27 0.00	45.36 1.81 0.00	52.10 1.92 0.00	47.19 1.59 0.00	51.54 1.60 0.00	48.06 1.65 0.00	50.43 1.76 0.00	47.45 1.59 0.00	47.65 1.69 0.00	52.58 1.89 0.00	49.44 1.89 0.00	53.07 2.09 0.00	50.75 2.13 0.00	62.12 2.66 0.00	48.51 1.96 0.00	45.61 1.75 0.00	41.79 1.61 0.00	29.47 1.15 0.00
HUNTINGTON_RES_REC 323705	44.67 3.57 0.57	34.31 2.37 0.00	29.87 2.00 0.00	30.86 1.85 0.00	35.47 1.81 0.00	44.14 2.05 0.00	37.82 2.00 0.00	46.16 2.60 0.00	53.16 2.98 0.00	48.83 2.94 -0.29	55.13 3.47 -1.72	51.22 3.36 -1.44	60.12 3.75 -7.70	53.13 3.45 -3.81	51.65 3.52 -2.17	55.97 3.39 -1.89	45.76 3.41 5.20	57.86 3.65 -3.24	66.28 3.45 -14.21	81.85 3.88 -18.50	67.72 2.93 -18.25	41.46 2.73 5.13	46.76 2.77 -3.81	35.53 2.00 -5.21
HUNTLEY___63 23557	39.78 -1.88 0.00	30.67 -1.27 0.00	26.69 -1.17 0.00	27.78 -1.23 0.00	32.67 -0.99 0.00	40.65 -1.45 0.00	34.09 -1.73 0.00	40.33 -3.22 0.00	46.37 -3.82 0.00	42.43 -3.17 0.00	47.58 -2.36 0.00	43.74 -2.67 0.00	45.93 -2.74 0.00	43.50 -2.37 0.00	43.32 -2.65 0.00	47.24 -3.46 0.00	44.11 -3.45 0.00	47.01 -3.97 0.00	44.98 -3.64 0.00	55.75 -3.72 0.00	44.09 -2.47 0.00	42.11 -1.75 0.00	38.05 -2.13 0.00	26.69 -1.63 0.00
HUNTLEY___64 23558	39.78 -1.88 0.00	30.67 -1.27 0.00	26.69 -1.17 0.00	27.78 -1.23 0.00	32.67 -0.99 0.00	40.65 -1.45 0.00	34.09 -1.73 0.00	40.33 -3.22 0.00	46.37 -3.82 0.00	42.43 -3.17 0.00	47.58 -2.36 0.00	43.74 -2.67 0.00	45.93 -2.74 0.00	43.50 -2.37 0.00	43.32 -2.65 0.00	47.24 -3.46 0.00	44.11 -3.45 0.00	47.01 -3.97 0.00	44.98 -3.64 0.00	55.75 -3.72 0.00	44.09 -2.47 0.00	42.11 -1.75 0.00	38.05 -2.13 0.00	26.69 -1.63 0.00
HUNTLEY___65 23559	39.78 -1.88 0.00	30.67 -1.27 0.00	26.69 -1.17 0.00	27.78 -1.23 0.00	32.67 -0.99 0.00	40.65 -1.45 0.00	34.09 -1.73 0.00	40.33 -3.22 0.00	46.37 -3.82 0.00	42.43 -3.17 0.00	47.58 -2.36 0.00	43.74 -2.67 0.00	45.93 -2.74 0.00	43.50 -2.37 0.00	43.32 -2.65 0.00	47.24 -3.46 0.00	44.11 -3.45 0.00	47.01 -3.97 0.00	44.98 -3.64 0.00	55.75 -3.72 0.00	44.09 -2.47 0.00	42.11 -1.75 0.00	38.05 -2.13 0.00	26.69 -1.63 0.00
HUNTLEY___66 23560	39.78 -1.88 0.00	30.67 -1.27 0.00	26.69 -1.17 0.00	27.78 -1.23 0.00	32.67 -0.99 0.00	40.65 -1.45 0.00	34.09 -1.73 0.00	40.33 -3.22 0.00	46.37 -3.82 0.00	42.43 -3.17 0.00	47.58 -2.36 0.00	43.74 -2.67 0.00	45.93 -2.74 0.00	43.50 -2.37 0.00	43.32 -2.65 0.00	47.24 -3.46 0.00	44.11 -3.45 0.00	47.01 -3.97 0.00	44.98 -3.64 0.00	55.75 -3.72 0.00	44.09 -2.47 0.00	42.11 -1.75 0.00	38.05 -2.13 0.00	26.69 -1.63 0.00
HUNTLEY___67 23561	39.64 -2.02 0.00	30.56 -1.38 0.00	26.57 -1.30 0.00	27.66 -1.34 0.00	32.50 -1.16 0.00	40.45 -1.65 0.00	33.91 -1.91 0.00	40.22 -3.34 0.00	46.26 -3.93 0.00	42.33 -3.27 0.00	47.43 -2.51 0.00	43.58 -2.83 0.00	45.78 -2.89 0.00	43.34 -2.52 0.00	43.16 -2.81 0.00	47.06 -3.63 0.00	43.97 -3.59 0.00	46.87 -4.10 0.00	44.81 -3.82 0.00	55.56 -3.91 0.00	43.89 -2.66 0.00	41.90 -1.96 0.00	37.88 -2.30 0.00	26.59 -1.73 0.00
HUNTLEY___68 23562	39.64 -2.02 0.00	30.56 -1.38 0.00	26.57 -1.30 0.00	27.66 -1.34 0.00	32.50 -1.16 0.00	40.45 -1.65 0.00	33.91 -1.91 0.00	40.22 -3.34 0.00	46.26 -3.93 0.00	42.33 -3.27 0.00	47.43 -2.51 0.00	43.58 -2.83 0.00	45.78 -2.89 0.00	43.34 -2.52 0.00	43.16 -2.81 0.00	47.06 -3.63 0.00	43.97 -3.59 0.00	46.87 -4.10 0.00	44.81 -3.82 0.00	55.56 -3.91 0.00	43.89 -2.66 0.00	41.90 -1.96 0.00	37.88 -2.30 0.00	26.59 -1.73 0.00

HYLAND___LFGE 323620	42.09 0.43 0.00	32.45 0.51 0.00	28.22 0.36 0.00	29.39 0.38 0.00	34.48 0.82 0.00	43.18 1.08 0.00	36.66 0.84 0.00	43.90 0.35 0.00	50.38 0.19 0.00	45.54 -0.06 0.00	49.90 -0.04 0.00	45.82 -0.60 0.00	48.00 -0.67 0.00	45.43 -0.44 0.00	45.14 -0.83 0.00	49.16 -1.53 0.00	46.41 -1.15 0.00	50.77 -0.20 0.00	49.03 0.41 0.00	60.50 1.04 0.00	47.42 0.87 0.00	44.93 1.08 0.00	40.53 0.35 0.00	28.32 0.00 0.00
INDECK___CORINTH 23802	43.81 2.15 0.00	33.68 1.74 0.00	29.39 1.52 0.00	30.46 1.46 0.00	35.22 1.56 0.00	43.96 1.87 0.00	37.67 1.85 0.00	46.25 2.69 0.00	53.02 2.83 0.00	48.07 2.47 0.00	52.46 2.52 0.00	48.79 2.38 0.00	51.16 2.49 0.00	48.20 2.33 0.00	48.32 2.36 0.00	53.34 2.65 0.00	50.38 2.82 0.00	54.18 3.21 0.00	51.68 3.06 0.00	63.31 3.84 0.00	49.24 2.69 0.00	46.28 2.42 0.00	42.42 2.25 0.00	29.85 1.53 0.00
INDECK___ILION 23567	41.50 -0.17 0.00	31.88 -0.06 0.00	27.80 -0.07 0.00	28.82 -0.18 0.00	33.33 -0.33 0.00	41.62 -0.48 0.00	35.46 -0.36 0.00	43.26 -0.29 0.00	49.72 -0.47 0.00	45.19 -0.41 0.00	49.26 -0.68 0.00	45.78 -0.63 0.00	48.02 -0.65 0.00	45.15 -0.71 0.00	45.28 -0.69 0.00	49.99 -0.71 0.00	47.10 -0.45 0.00	50.59 -0.39 0.00	48.25 -0.37 0.00	59.07 -0.40 0.00	46.13 -0.42 0.00	43.45 -0.41 0.00	39.82 -0.35 0.00	28.63 -0.26 -0.57
INDECK___OLEAN 23982	40.98 -0.68 0.00	31.73 -0.21 0.00	27.46 -0.40 0.00	28.68 -0.33 0.00	33.60 -0.07 0.00	41.71 -0.38 0.00	35.07 -0.75 0.00	42.16 -1.40 0.00	48.72 -1.46 0.00	44.55 -1.05 0.00	49.57 -0.37 0.00	45.53 -0.88 0.00	47.97 -0.70 0.00	45.35 -0.52 0.00	45.22 -0.74 0.00	49.00 -1.70 0.00	45.70 -1.86 0.00	48.69 -2.29 0.00	46.51 -2.12 0.00	57.75 -1.72 0.00	45.26 -1.29 0.00	43.19 -0.66 0.00	39.02 -1.16 0.00	27.46 -0.85 0.00
INDECK___OSWEGO 23783	40.75 -0.91 0.00	31.31 -0.63 0.00	27.30 -0.57 0.00	28.37 -0.64 0.00	32.96 -0.70 0.00	41.16 -0.93 0.00	34.81 -1.01 0.00	42.21 -1.35 0.00	48.63 -1.56 0.00	44.16 -1.45 0.00	48.38 -1.56 0.00	44.85 -1.56 0.00	47.00 -1.67 0.00	44.35 -1.51 0.00	44.44 -1.53 0.00	49.05 -1.65 0.00	46.08 -1.48 0.00	49.39 -1.58 0.00	47.15 -1.47 0.00	57.77 -1.69 0.00	45.24 -1.31 0.00	42.59 -1.27 0.00	38.91 -1.27 0.00	27.12 -0.92 0.27
INDECK___YERKES 23781	39.80 -1.86 0.00	30.70 -1.25 0.00	26.71 -1.16 0.00	27.79 -1.22 0.00	32.68 -0.98 0.00	40.69 -1.41 0.00	34.12 -1.70 0.00	40.37 -3.19 0.00	46.41 -3.78 0.00	42.49 -3.11 0.00	47.63 -2.31 0.00	43.80 -2.61 0.00	45.99 -2.68 0.00	43.54 -2.33 0.00	43.37 -2.60 0.00	47.29 -3.40 0.00	44.21 -3.35 0.00	47.05 -3.92 0.00	45.05 -3.57 0.00	55.81 -3.66 0.00	44.14 -2.41 0.00	42.16 -1.69 0.00	38.08 -2.10 0.00	26.70 -1.61 0.00
INDIAN POINT_GT_1 24139	43.89 2.23 0.00	33.62 1.67 0.00	29.26 1.40 0.00	30.32 1.31 0.00	34.98 1.32 0.00	43.61 1.51 0.00	37.44 1.62 0.00	45.78 2.23 0.00	52.68 2.50 0.00	47.94 2.35 0.00	52.43 2.49 0.00	48.84 2.43 0.00	51.30 2.63 0.00	48.33 2.47 0.00	48.53 2.56 0.00	53.37 2.68 0.00	50.18 2.62 0.00	53.86 2.89 0.00	51.39 2.76 0.00	62.84 3.37 0.00	49.02 2.47 0.00	46.12 2.26 0.00	42.36 2.19 0.00	29.89 1.58 0.00
INDIAN POINT_GT_2 23659	43.89 2.23 0.00	33.62 1.67 0.00	29.26 1.40 0.00	30.32 1.31 0.00	34.98 1.32 0.00	43.61 1.51 0.00	37.44 1.62 0.00	45.78 2.23 0.00	52.68 2.50 0.00	47.94 2.35 0.00	52.43 2.49 0.00	48.84 2.43 0.00	51.30 2.63 0.00	48.33 2.47 0.00	48.53 2.56 0.00	53.37 2.68 0.00	50.18 2.62 0.00	53.86 2.89 0.00	51.39 2.76 0.00	62.84 3.37 0.00	49.02 2.47 0.00	46.12 2.26 0.00	42.36 2.19 0.00	29.89 1.58 0.00
INDIAN POINT_GT_3 24019	43.89 2.23 0.00	33.62 1.67 0.00	29.26 1.40 0.00	30.32 1.31 0.00	34.98 1.32 0.00	43.61 1.51 0.00	37.44 1.62 0.00	45.78 2.23 0.00	52.68 2.50 0.00	47.94 2.35 0.00	52.43 2.49 0.00	48.84 2.43 0.00	51.30 2.63 0.00	48.33 2.47 0.00	48.53 2.56 0.00	53.37 2.68 0.00	50.18 2.62 0.00	53.86 2.89 0.00	51.39 2.76 0.00	62.84 3.37 0.00	49.02 2.47 0.00	46.12 2.26 0.00	42.36 2.19 0.00	29.89 1.58 0.00
INDIAN POINT___2 23530	43.85 2.19 0.00	33.57 1.63 0.00	29.24 1.37 0.00	30.28 1.27 0.00	34.94 1.28 0.00	43.56 1.47 0.00	37.41 1.59 0.00	45.73 2.18 0.00	52.63 2.44 0.00	47.88 2.28 0.00	52.36 2.43 0.00	48.77 2.36 0.00	51.24 2.57 0.00	48.28 2.42 0.00	48.47 2.50 0.00	53.32 2.63 0.00	50.11 2.55 0.00	53.81 2.83 0.00	51.33 2.71 0.00	62.77 3.30 0.00	48.96 2.41 0.00	46.06 2.20 0.00	42.32 2.15 0.00	29.86 1.54 0.00
INDIAN POINT___3 23531	43.86 2.20 0.00	33.59 1.65 0.00	29.25 1.39 0.00	30.30 1.29 0.00	34.96 1.30 0.00	43.57 1.48 0.00	37.41 1.59 0.00	45.75 2.20 0.00	52.64 2.45 0.00	47.90 2.30 0.00	52.38 2.44 0.00	48.78 2.37 0.00	51.25 2.58 0.00	48.29 2.42 0.00	48.48 2.51 0.00	53.32 2.63 0.00	50.14 2.58 0.00	53.81 2.84 0.00	51.33 2.71 0.00	62.76 3.30 0.00	48.96 2.41 0.00	46.06 2.21 0.00	42.32 2.15 0.00	29.86 1.55 0.00
INGHAM_C_115KV_TB7 356103	40.98 -0.68 0.00	31.54 -0.40 0.00	27.51 -0.35 0.00	28.46 -0.55 0.00	32.77 -0.89 0.00	40.81 -1.29 0.00	34.84 -0.98 0.00	42.74 -0.82 0.00	48.93 -1.26 0.00	44.46 -1.14 0.00	48.19 -1.75 0.00	44.80 -1.61 0.00	46.99 -1.68 0.00	44.05 -1.82 0.00	44.21 -1.76 0.00	48.91 -1.78 0.00	46.33 -1.23 0.00	49.90 -1.07 0.00	47.60 -1.03 0.00	58.32 -1.14 0.00	45.42 -1.13 0.00	42.82 -1.04 0.00	39.30 -0.88 0.00	28.25 -0.63 -0.57
IP CORINTH___1 23988	43.80 2.14 0.00	33.69 1.74 0.00	29.39 1.52 0.00	30.46 1.46 0.00	35.22 1.56 0.00	43.96 1.87 0.00	37.68 1.86 0.00	46.24 2.69 0.00	53.02 2.83 0.00	48.08 2.48 0.00	52.46 2.52 0.00	48.79 2.38 0.00	51.17 2.50 0.00	48.20 2.33 0.00	48.32 2.36 0.00	53.34 2.65 0.00	50.38 2.82 0.00	54.18 3.21 0.00	51.68 3.06 0.00	63.31 3.84 0.00	49.24 2.69 0.00	46.28 2.42 0.00	42.43 2.25 0.00	29.85 1.53 0.00
IP___TICONDEROGA 23804	44.72 3.06 0.00	34.58 2.64 0.00	30.18 2.32 0.00	31.24 2.23 0.00	36.04 2.38 0.00	45.01 2.91 0.00	39.01 3.19 0.00	48.21 4.66 0.00	55.06 4.88 0.00	49.84 4.24 0.00	53.80 3.86 0.00	50.03 3.62 0.00	52.38 3.71 0.00	49.35 3.48 0.00	49.50 3.54 0.00	54.58 3.89 0.00	52.12 4.57 0.00	56.60 5.62 0.00	53.75 5.12 0.00	65.92 6.45 0.00	50.82 4.27 0.00	47.69 3.83 0.00	43.81 3.64 0.00	30.83 2.51 0.00
ISLIP_RES_REC 323679	45.21 4.09 0.53	34.68 2.74 0.00	30.20 2.34 0.00	31.18 2.17 0.00	35.82 2.16 0.00	44.61 2.51 0.00	38.20 2.38 0.00	46.61 3.05 0.00	53.71 3.53 0.00	49.41 3.52 -0.30	55.94 4.21 -1.80	52.02 4.05 -1.56	61.41 4.48 -8.25	54.00 4.08 -4.05	52.41 4.19 -2.26	56.70 4.04 -1.97	46.90 3.99 4.64	58.63 4.28 -3.37	67.02 4.07 -14.32	82.64 4.63 -18.54	68.39 3.50 -18.34	42.10 3.27 5.03	47.64 3.26 -4.20	36.05 2.33 -5.41

JAMAICA__27_KV_LOAD 355505	44.43 2.77 0.00	34.02 2.08 0.00	29.65 1.79 0.00	30.65 1.64 0.00	35.32 1.65 0.00	44.02 1.92 0.00	37.83 2.01 0.00	46.29 2.73 0.00	53.16 2.97 0.00	48.36 2.76 0.00	52.81 2.78 -0.09	53.17 2.76 -3.99	57.61 2.74 -6.19	49.16 2.64 -0.66	48.65 2.69 0.00	53.50 2.81 0.00	64.17 2.66 -13.96	53.98 3.01 0.00	55.06 2.82 -3.61	65.40 3.38 -2.55	56.55 2.54 -7.46	57.69 2.27 -11.56	55.33 2.20 -12.95	31.98 1.78 -1.88
JANIS__SOLAR 323808	42.71 1.05 0.00	32.95 1.01 0.00	28.72 0.85 0.00	29.84 0.84 0.00	34.71 1.05 0.00	43.50 1.40 0.00	37.21 1.39 0.00	45.18 1.62 0.00	51.49 1.31 0.00	46.57 0.97 0.00	50.79 0.85 0.00	46.89 0.48 0.00	49.28 0.60 0.00	46.61 0.74 0.00	46.51 0.54 0.00	51.43 0.73 0.00	48.28 0.72 0.00	51.91 0.93 0.00	49.60 0.97 0.00	60.84 1.38 0.00	47.78 1.23 0.00	44.93 1.07 0.00	40.97 0.79 0.00	28.75 0.44 0.00
JARVIS____ 23743	41.75 0.09 0.00	32.07 0.13 0.00	27.97 0.11 0.00	29.07 0.06 0.00	33.69 0.03 0.00	42.08 -0.02 0.00	35.79 -0.04 0.00	43.57 0.02 0.00	50.14 -0.05 0.00	45.56 -0.05 0.00	49.84 -0.10 0.00	46.32 -0.09 0.00	48.58 -0.10 0.00	45.81 -0.05 0.00	45.92 -0.05 0.00	50.64 -0.05 0.00	47.56 0.00 0.00	50.98 0.00 0.00	48.63 0.00 0.00	59.51 0.04 0.00	46.55 0.00 0.00	43.83 -0.02 0.00	40.16 -0.02 0.00	28.87 -0.01 -0.57
JENNISON____1 23625	42.67 1.01 0.00	32.89 0.94 0.00	28.75 0.88 0.00	29.91 0.91 0.00	34.81 1.14 0.00	43.57 1.47 0.00	37.16 1.34 0.00	45.25 1.70 0.00	51.91 1.72 0.00	47.14 1.54 0.00	51.52 1.58 0.00	47.53 1.12 0.00	49.93 1.26 0.00	47.22 1.36 0.00	47.08 1.12 0.00	51.77 1.07 0.00	48.60 1.04 0.00	51.93 0.95 0.00	49.48 0.85 0.00	60.38 0.91 0.00	47.31 0.75 0.00	44.32 0.46 0.00	40.48 0.30 0.00	28.49 0.18 0.00
JENNISON____2 23626	42.67 1.01 0.00	32.89 0.94 0.00	28.75 0.88 0.00	29.91 0.91 0.00	34.81 1.14 0.00	43.57 1.47 0.00	37.16 1.34 0.00	45.25 1.70 0.00	51.91 1.72 0.00	47.14 1.54 0.00	51.52 1.58 0.00	47.53 1.12 0.00	49.93 1.26 0.00	47.22 1.36 0.00	47.08 1.12 0.00	51.77 1.07 0.00	48.60 1.04 0.00	51.93 0.95 0.00	49.48 0.85 0.00	60.38 0.91 0.00	47.31 0.75 0.00	44.32 0.46 0.00	40.48 0.30 0.00	28.49 0.18 0.00
JERICOHO_RISE_WT_PWR 323719	40.58 -1.08 0.00	30.87 -1.08 0.00	26.96 -0.91 0.00	28.26 -0.75 0.00	33.07 -0.59 0.00	41.68 -0.42 0.00	35.51 -0.31 0.00	43.11 -0.44 0.00	50.18 -0.01 0.00	45.64 0.04 0.00	50.18 0.24 0.00	46.55 0.14 0.00	48.56 -0.12 0.00	45.37 -0.50 0.00	45.32 -0.64 0.00	50.22 -0.47 0.00	46.53 -1.03 0.00	49.65 -1.33 0.00	47.40 -1.22 0.00	58.27 -1.20 0.00	45.48 -1.07 0.00	42.51 -1.35 0.00	38.87 -1.31 0.00	16.27 -1.03 11.02
KATONAH__115KV_46KV_TB4 355592	44.10 2.44 0.00	33.78 1.83 0.00	29.43 1.56 0.00	30.46 1.45 0.00	35.14 1.48 0.00	43.83 1.73 0.00	37.60 1.78 0.00	46.02 2.46 0.00	52.98 2.79 0.00	48.22 2.63 0.00	52.74 2.80 0.00	49.12 2.70 0.00	51.59 2.92 0.00	48.62 2.75 0.00	48.81 2.84 0.00	53.65 2.95 0.00	50.44 2.89 0.00	54.13 3.16 0.00	51.68 3.05 0.00	63.17 3.70 0.00	49.29 2.73 0.00	46.34 2.49 0.00	42.55 2.37 0.00	30.02 1.71 0.00
KCE_NY_1 323755	43.77 2.11 0.00	33.58 1.64 0.00	29.31 1.45 0.00	30.40 1.39 0.00	35.15 1.49 0.00	43.90 1.80 0.00	37.49 1.67 0.00	45.96 2.41 0.00	52.81 2.62 0.00	47.78 2.18 0.00	52.15 2.21 0.00	48.53 2.12 0.00	50.93 2.25 0.00	47.97 2.10 0.00	48.10 2.13 0.00	53.11 2.41 0.00	49.99 2.43 0.00	53.68 2.71 0.00	51.27 2.65 0.00	62.86 3.40 0.00	48.88 2.33 0.00	46.00 2.14 0.00	42.17 1.99 0.00	29.73 1.41 0.00
KCE_NY_6_ESR 323823	40.00 -1.66 0.00	30.89 -1.05 0.00	26.81 -1.06 0.00	27.94 -1.06 0.00	32.83 -0.84 0.00	40.89 -1.21 0.00	34.30 -1.52 0.00	40.78 -2.77 0.00	46.95 -3.24 0.00	42.97 -2.63 0.00	48.04 -1.90 0.00	44.14 -2.27 0.00	46.45 -2.23 0.00	43.89 -1.97 0.00	43.72 -2.25 0.00	47.65 -3.05 0.00	44.59 -2.97 0.00	47.48 -3.50 0.00	45.39 -3.23 0.00	56.32 -3.15 0.00	44.46 -2.09 0.00	42.43 -1.43 0.00	38.29 -1.89 0.00	26.88 -1.44 0.00
KEDC_PORT_JEFF_GT2 24210	44.94 3.87 0.58	34.52 2.58 0.00	30.06 2.20 0.00	31.03 2.03 0.00	35.65 1.99 0.00	44.39 2.30 0.00	38.01 2.18 0.00	46.35 2.80 0.00	53.41 3.23 0.00	49.08 3.20 -0.28	55.43 3.84 -1.65	51.45 3.71 -1.33	60.04 4.10 -7.26	53.26 3.75 -3.65	51.89 3.83 -2.10	56.20 3.68 -1.82	45.57 3.68 5.67	58.02 3.92 -3.13	66.37 3.73 -14.02	81.87 4.05 -18.35	67.63 3.06 -18.01	41.58 3.00 5.28	46.61 3.02 -3.42	35.51 2.17 -5.03
KEDC_PORT_JEFF_GT3 24211	44.94 3.87 0.58	34.52 2.58 0.00	30.06 2.20 0.00	31.03 2.03 0.00	35.65 1.99 0.00	44.39 2.30 0.00	38.01 2.18 0.00	46.35 2.80 0.00	53.41 3.23 0.00	49.08 3.20 -0.28	55.43 3.84 -1.65	51.45 3.71 -1.33	60.04 4.10 -7.26	53.26 3.75 -3.65	51.89 3.83 -2.10	56.20 3.68 -1.82	45.57 3.68 5.67	58.02 3.92 -3.13	66.37 3.73 -14.02	81.87 4.05 -18.35	67.63 3.06 -18.01	41.58 3.00 5.28	46.61 3.02 -3.42	35.51 2.17 -5.03
KEDC_GLWD_GT4 24219	46.50 3.16 -1.69	34.17 2.23 0.00	29.74 1.88 0.00	30.78 1.77 0.00	35.45 1.79 0.00	44.18 2.09 0.00	37.91 2.10 0.00	46.35 2.79 0.00	53.37 3.19 0.00	50.11 3.02 -1.49	62.58 3.20 -9.45	66.55 3.08 -17.05	117.83 3.37 -65.78	74.96 3.21 -25.88	60.09 3.25 -10.86	63.36 3.28 -9.39	103.46 3.24 -52.66	70.52 3.43 -16.11	88.77 3.27 -36.87	99.98 3.88 -36.64	96.06 2.94 -46.57	60.15 2.66 -13.63	95.43 2.65 -52.60	57.02 1.99 -26.71
KEDC_GLWD_GT5 24220	46.50 3.16 -1.69	34.17 2.23 0.00	29.74 1.88 0.00	30.78 1.77 0.00	35.45 1.79 0.00	44.18 2.09 0.00	37.91 2.10 0.00	46.35 2.79 0.00	53.37 3.19 0.00	50.11 3.02 -1.49	62.58 3.20 -9.45	66.55 3.08 -17.05	117.83 3.37 -65.78	74.96 3.21 -25.88	60.09 3.25 -10.86	63.36 3.28 -9.39	103.46 3.24 -52.66	70.52 3.43 -16.11	88.77 3.27 -36.87	99.98 3.88 -36.64	96.06 2.94 -46.57	60.15 2.66 -13.63	95.43 2.65 -52.60	57.02 1.99 -26.71
KENSICO____ 23655	43.97 2.31 0.00	33.68 1.74 0.00	29.34 1.47 0.00	30.37 1.37 0.00	35.04 1.38 0.00	43.69 1.59 0.00	37.50 1.68 0.00	45.88 2.32 0.00	52.82 2.63 0.00	48.06 2.46 0.00	52.55 2.61 0.00	48.95 2.54 0.00	51.44 2.77 0.00	48.46 2.59 0.00	48.66 2.69 0.00	53.50 2.80 0.00	50.28 2.72 0.00	53.97 2.99 0.00	51.49 2.87 0.00	62.94 3.47 0.00	49.11 2.56 0.00	46.19 2.33 0.00	42.45 2.27 0.00	29.95 1.64 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	44.19 2.53 0.00	33.88 1.93 0.00	29.51 1.64 0.00	30.56 1.55 0.00	35.31 1.65 0.00	44.06 1.96 0.00	37.74 1.92 0.00	46.18 2.62 0.00	53.22 3.03 0.00	48.46 2.86 0.00	53.01 3.07 0.00	49.32 2.91 0.00	51.84 3.18 0.00	48.84 2.98 0.00	49.01 3.05 0.00	53.92 3.23 0.00	50.73 3.18 0.00	54.48 3.51 0.00	52.02 3.39 0.00	63.66 4.19 0.00	49.71 3.16 0.00	46.71 2.86 0.00	42.79 2.61 0.00	30.15 1.84 0.00

KIAC_JFK_GT1 23816	44.22 2.56 0.00	33.86 1.92 0.00	29.51 1.64 0.00	30.50 1.49 0.00	35.15 1.48 0.00	43.75 1.65 0.00	37.51 1.69 0.00	45.89 2.33 0.00	52.69 2.51 0.00	47.94 2.34 0.00	52.34 2.31 -0.09	52.73 2.32 -3.99	57.14 2.28 -6.19	48.71 2.18 -0.66	48.21 2.25 0.00	53.01 2.32 0.00	63.72 2.21 -13.96	53.49 2.51 0.00	54.60 2.37 -3.61	64.82 2.80 -2.55	56.09 2.09 -7.46	57.26 1.84 -11.56	55.10 1.97 -12.95	31.83 1.63 -1.88
KIAC_JFK_GT2 23817	44.22 2.56 0.00	33.86 1.92 0.00	29.51 1.64 0.00	30.50 1.49 0.00	35.15 1.48 0.00	43.75 1.65 0.00	37.51 1.69 0.00	45.89 2.33 0.00	52.69 2.51 0.00	47.94 2.34 0.00	52.34 2.31 -0.09	52.73 2.32 -3.99	57.14 2.28 -6.19	48.71 2.18 -0.66	48.21 2.25 0.00	53.01 2.32 0.00	63.72 2.21 -13.96	53.49 2.51 0.00	54.60 2.37 -3.61	64.82 2.80 -2.55	56.09 2.09 -7.46	57.26 1.84 -11.56	55.10 1.97 -12.95	31.83 1.63 -1.88
KIAC_JFK____ 323774	44.21 2.55 0.00	33.87 1.92 0.00	29.51 1.64 0.00	30.50 1.49 0.00	35.14 1.48 0.00	43.76 1.66 0.00	37.51 1.69 0.00	45.89 2.33 0.00	52.69 2.51 0.00	47.93 2.33 0.00	52.37 2.34 -0.09	52.74 2.34 -3.99	57.26 2.39 -6.19	48.75 2.22 -0.66	48.22 2.25 0.00	53.01 2.32 0.00	63.75 2.23 -13.96	53.49 2.51 0.00	54.67 2.43 -3.61	64.86 2.84 -2.55	56.15 2.13 -7.46	57.27 1.85 -11.56	55.19 2.07 -12.95	31.84 1.64 -1.88
KINTIGH__24_KV_GSU 356498	39.97 -1.69 0.00	30.77 -1.18 0.00	26.79 -1.07 0.00	27.86 -1.14 0.00	32.66 -1.00 0.00	40.68 -1.42 0.00	34.18 -1.65 0.00	40.70 -2.85 0.00	46.81 -3.38 0.00	42.78 -2.83 0.00	47.77 -2.17 0.00	43.96 -2.45 0.00	46.15 -2.52 0.00	43.69 -2.18 0.00	43.56 -2.41 0.00	47.58 -3.11 0.00	44.50 -3.06 0.00	47.48 -3.50 0.00	45.38 -3.24 0.00	56.13 -3.34 0.00	44.28 -2.27 0.00	42.16 -1.70 0.00	38.21 -1.96 0.00	26.84 -1.48 0.00
KINTIGH____ 23543	39.94 -1.72 0.00	30.74 -1.21 0.00	26.76 -1.10 0.00	27.83 -1.17 0.00	32.63 -1.03 0.00	40.64 -1.46 0.00	34.14 -1.68 0.00	40.66 -2.90 0.00	46.77 -3.42 0.00	42.73 -2.87 0.00	47.72 -2.22 0.00	43.92 -2.50 0.00	46.11 -2.56 0.00	43.64 -2.22 0.00	43.51 -2.46 0.00	47.54 -3.15 0.00	44.46 -3.10 0.00	47.43 -3.54 0.00	45.33 -3.29 0.00	56.08 -3.39 0.00	44.23 -2.32 0.00	42.12 -1.74 0.00	38.18 -2.00 0.00	26.81 -1.50 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	41.05 -0.61 0.00	31.24 -0.70 0.00	27.29 -0.57 0.00	28.56 -0.45 0.00	33.46 -0.20 0.00	42.38 0.28 0.00	36.29 0.46 0.00	44.19 0.64 0.00	51.29 1.11 0.00	46.53 0.93 0.00	51.14 1.21 0.00	47.52 1.11 0.00	49.59 0.92 0.00	46.21 0.35 0.00	46.42 0.45 0.00	51.54 0.85 0.00	47.66 0.10 0.00	50.88 -0.09 0.00	48.40 -0.23 0.00	59.66 0.19 0.00	46.59 0.04 0.00	43.43 -0.42 0.00	39.80 -0.38 0.00	16.73 -0.41 11.17
LACHUTE____HYDRO 323717	44.72 3.06 0.00	34.58 2.63 0.00	30.18 2.31 0.00	31.24 2.23 0.00	36.04 2.38 0.00	45.01 2.91 0.00	39.01 3.19 0.00	48.22 4.66 0.00	55.06 4.87 0.00	49.84 4.24 0.00	53.80 3.86 0.00	50.03 3.62 0.00	52.38 3.71 0.00	49.35 3.48 0.00	49.50 3.54 0.00	54.58 3.89 0.00	52.12 4.56 0.00	56.60 5.63 0.00	53.75 5.12 0.00	65.92 6.45 0.00	50.82 4.27 0.00	47.69 3.83 0.00	43.82 3.64 0.00	30.82 2.51 0.00
LAWRNCV_115KV_TB1 80681	39.94 -1.72 0.00	30.42 -1.53 0.00	26.64 -1.23 0.00	28.06 -0.95 0.00	32.78 -0.88 0.00	41.42 -0.68 0.00	35.25 -0.57 0.00	42.56 -1.00 0.00	49.51 -0.68 0.00	44.92 -0.68 0.00	49.33 -0.61 0.00	45.69 -0.73 0.00	47.71 -0.97 0.00	44.85 -1.02 0.00	44.94 -1.02 0.00	49.78 -0.92 0.00	46.34 -1.22 0.00	49.49 -1.48 0.00	47.21 -1.41 0.00	58.04 -1.42 0.00	45.32 -1.23 0.00	42.57 -1.29 0.00	38.92 -1.25 0.00	17.99 -1.01 9.32
LEDERLE____ 23769	44.07 2.41 0.00	33.75 1.81 0.00	29.37 1.50 0.00	30.43 1.42 0.00	35.12 1.46 0.00	43.79 1.70 0.00	37.64 1.82 0.00	46.03 2.47 0.00	52.96 2.77 0.00	48.16 2.56 0.00	52.69 2.75 0.00	49.09 2.67 0.00	51.58 2.91 0.00	48.60 2.73 0.00	48.78 2.81 0.00	53.68 2.99 0.00	50.47 2.91 0.00	54.17 3.20 0.00	51.68 3.06 0.00	63.20 3.73 0.00	49.30 2.75 0.00	46.37 2.51 0.00	42.57 2.40 0.00	30.01 1.70 0.00
LIGHTHSE_115KV_TB6 355974	40.98 -0.68 0.00	31.46 -0.49 0.00	27.42 -0.44 0.00	28.51 -0.50 0.00	33.19 -0.47 0.00	41.57 -0.53 0.00	35.29 -0.53 0.00	42.74 -0.81 0.00	49.13 -1.06 0.00	44.59 -1.01 0.00	48.87 -1.07 0.00	45.04 -1.38 0.00	47.00 -1.67 0.00	44.36 -1.51 0.00	44.46 -1.50 0.00	49.31 -1.39 0.00	46.27 -1.29 0.00	49.57 -1.41 0.00	47.41 -1.22 0.00	58.37 -1.10 0.00	45.56 -0.99 0.00	42.71 -1.14 0.00	38.92 -1.26 0.00	26.65 -0.93 0.74
LINDEN COGEN____ 23786	37.61 2.39 6.43	32.30 1.75 1.39	29.35 1.48 0.00	30.28 1.36 0.08	33.16 1.36 1.86	32.77 1.56 10.90	34.03 1.74 3.54	33.46 2.46 12.55	33.46 2.71 19.44	47.01 2.52 1.11	40.12 2.65 12.46	43.96 2.57 5.03	36.41 2.81 15.08	34.07 2.71 14.51	33.97 2.79 14.79	38.26 2.85 15.29	35.21 2.78 15.12	38.90 3.03 15.10	41.33 2.88 10.17	57.77 3.43 5.12	47.84 2.57 1.28	35.39 2.32 10.78	41.51 2.33 0.99	29.16 1.73 0.88
LINDHRST_69_KV_BK1 356055	45.65 3.77 -0.22	34.49 2.55 0.00	30.02 2.16 0.00	31.03 2.02 0.00	35.69 2.02 0.00	44.44 2.34 0.00	38.11 2.29 0.00	46.51 2.96 0.00	53.59 3.41 0.00	49.58 3.32 -0.65	57.77 3.81 -4.02	55.32 3.67 -5.24	76.98 4.07 -24.24	60.14 3.77 -10.51	54.34 3.82 -4.55	58.37 3.77 -3.90	61.02 3.80 -9.66	61.64 3.98 -6.68	71.21 3.80 -18.78	85.32 4.37 -21.48	73.20 3.32 -23.33	45.75 3.13 1.24	58.66 3.08 -15.40	41.29 2.22 -10.76
LIPA_MISC_IPP 23656	44.84 3.78 0.61	34.43 2.49 0.00	29.98 2.12 0.00	30.93 1.92 0.00	35.52 1.85 0.00	44.22 2.13 0.00	37.88 2.05 0.00	46.17 2.61 0.00	53.20 3.02 0.00	48.93 3.07 -0.27	55.32 3.79 -1.59	51.31 3.69 -1.22	59.51 4.04 -6.80	52.96 3.63 -3.46	51.73 3.74 -2.02	55.95 3.50 -1.76	45.00 3.59 6.15	57.71 3.72 -3.01	66.07 3.58 -13.87	81.76 4.05 -18.25	67.44 3.05 -17.84	41.31 2.85 5.40	46.09 2.87 -3.04	35.22 2.05 -4.85
LISF____SOLAR 323691	44.91 3.84 0.60	34.48 2.54 0.00	30.03 2.16 0.00	30.98 1.97 0.00	35.57 1.91 0.00	44.29 2.19 0.00	37.93 2.11 0.00	46.24 2.68 0.00	53.30 3.11 0.00	49.00 3.13 -0.27	55.44 3.88 -1.61	51.44 3.77 -1.26	59.78 4.13 -6.97	53.11 3.72 -3.53	51.84 3.83 -2.05	56.07 3.59 -1.78	45.22 3.63 5.97	57.86 3.82 -3.06	66.21 3.66 -13.92	81.92 4.17 -18.28	67.58 3.12 -17.90	41.41 2.90 5.35	46.30 2.94 -3.18	35.34 2.11 -4.92
LITTLE FALLS____HYD 24013	40.98 -0.68 0.00	31.54 -0.40 0.00	27.51 -0.35 0.00	28.46 -0.55 0.00	32.77 -0.89 0.00	40.81 -1.29 0.00	34.84 -0.98 0.00	42.74 -0.82 0.00	48.93 -1.26 0.00	44.46 -1.14 0.00	48.19 -1.75 0.00	44.80 -1.61 0.00	46.99 -1.68 0.00	44.05 -1.82 0.00	44.21 -1.76 0.00	48.91 -1.78 0.00	46.33 -1.23 0.00	49.90 -1.07 0.00	47.60 -1.03 0.00	58.32 -1.14 0.00	45.42 -1.13 0.00	42.82 -1.04 0.00	39.30 -0.88 0.00	28.25 -0.63 -0.57

LITTLRIV_115KV_TB1 356100	40.46 -1.20 0.00	30.79 -1.15 0.00	26.97 -0.90 0.00	28.41 -0.60 0.00	33.21 -0.45 0.00	42.00 -0.09 0.00	35.78 -0.04 0.00	43.14 -0.42 0.00	50.15 -0.03 0.00	45.38 -0.22 0.00	49.78 -0.16 0.00	46.04 -0.38 0.00	48.03 -0.64 0.00	45.21 -0.66 0.00	45.37 -0.59 0.00	50.24 -0.46 0.00	46.76 -0.80 0.00	49.93 -1.04 0.00	47.73 -0.89 0.00	58.97 -0.49 0.00	46.09 -0.46 0.00	43.28 -0.58 0.00	39.51 -0.67 0.00	18.60 -0.61 9.11
LI_NEWBRDGE___DRP 323616	43.72 3.14 1.08	34.04 2.10 0.00	29.63 1.76 0.00	30.65 1.64 0.00	35.27 1.61 0.00	43.91 1.82 0.00	37.65 1.83 0.00	45.97 2.42 0.00	52.93 2.74 0.00	48.34 2.68 -0.06	53.23 3.03 -0.26	47.89 2.96 1.49	48.63 3.27 3.32	48.59 3.10 0.37	49.57 3.13 -0.48	54.17 3.06 -0.42	33.08 3.12 17.61	54.92 3.23 -0.72	62.20 3.08 -10.50	79.04 3.53 -16.04	62.95 2.68 -13.71	37.08 2.46 9.24	36.59 2.43 6.02	31.13 1.79 -1.03
LOCKPORT_115KV_TB60_63_64 80432	39.48 -2.18 0.00	30.38 -1.56 0.00	26.47 -1.40 0.00	27.58 -1.43 0.00	32.49 -1.17 0.00	40.28 -1.82 0.00	33.75 -2.07 0.00	39.99 -3.57 0.00	45.99 -4.20 0.00	42.09 -3.51 0.00	47.20 -2.75 0.00	43.34 -3.07 0.00	45.46 -3.21 0.00	43.04 -2.83 0.00	42.85 -3.12 0.00	46.73 -3.96 0.00	43.64 -3.92 0.00	46.56 -4.41 0.00	44.62 -4.01 0.00	55.30 -4.17 0.00	43.76 -2.79 0.00	41.78 -2.07 0.00	37.77 -2.41 0.00	26.53 -1.79 0.00
LOCKPORT___CC1 323769	39.48 -2.18 0.00	30.40 -1.54 0.00	26.47 -1.39 0.00	27.57 -1.43 0.00	32.48 -1.19 0.00	40.29 -1.81 0.00	33.76 -2.06 0.00	39.99 -3.56 0.00	45.99 -4.19 0.00	42.11 -3.49 0.00	47.20 -2.74 0.00	43.35 -3.06 0.00	45.49 -3.18 0.00	43.05 -2.82 0.00	42.86 -3.11 0.00	46.75 -3.94 0.00	43.71 -3.85 0.00	46.57 -4.41 0.00	44.61 -4.01 0.00	55.30 -4.17 0.00	43.75 -2.80 0.00	41.79 -2.07 0.00	37.76 -2.42 0.00	26.51 -1.80 0.00
LOCKPORT___CC2 323770	39.48 -2.18 0.00	30.40 -1.54 0.00	26.47 -1.39 0.00	27.57 -1.43 0.00	32.48 -1.19 0.00	40.29 -1.81 0.00	33.76 -2.06 0.00	39.99 -3.56 0.00	45.99 -4.19 0.00	42.11 -3.49 0.00	47.20 -2.74 0.00	43.35 -3.06 0.00	45.49 -3.18 0.00	43.05 -2.82 0.00	42.86 -3.11 0.00	46.75 -3.94 0.00	43.71 -3.85 0.00	46.57 -4.41 0.00	44.61 -4.01 0.00	55.30 -4.17 0.00	43.75 -2.80 0.00	41.79 -2.07 0.00	37.76 -2.42 0.00	26.51 -1.80 0.00
LOCKPORT___CC3 323771	39.48 -2.18 0.00	30.40 -1.54 0.00	26.47 -1.39 0.00	27.57 -1.43 0.00	32.48 -1.19 0.00	40.29 -1.81 0.00	33.76 -2.06 0.00	39.99 -3.56 0.00	45.99 -4.19 0.00	42.11 -3.49 0.00	47.20 -2.74 0.00	43.35 -3.06 0.00	45.49 -3.18 0.00	43.05 -2.82 0.00	42.86 -3.11 0.00	46.75 -3.94 0.00	43.71 -3.85 0.00	46.57 -4.41 0.00	44.61 -4.01 0.00	55.30 -4.17 0.00	43.75 -2.80 0.00	41.79 -2.07 0.00	37.76 -2.42 0.00	26.51 -1.80 0.00
LOCUSVLY_69_KV_BK2 55797	46.15 3.34 -1.15	34.27 2.32 0.00	29.81 1.95 0.00	30.84 1.84 0.00	35.52 1.85 0.00	44.25 2.15 0.00	37.95 2.13 0.00	46.35 2.80 0.00	53.38 3.20 0.00	49.87 3.08 -1.19	60.82 3.40 -7.48	62.05 3.28 -12.36	102.33 3.60 -50.06	69.49 3.39 -20.24	58.12 3.44 -8.71	61.66 3.43 -7.54	87.92 3.39 -36.97	67.45 3.54 -12.93	82.72 3.46 -30.63	95.08 4.08 -31.53	88.04 3.11 -38.38	54.45 2.84 -7.75	82.06 2.79 -39.10	51.53 2.04 -21.17
LONG_LAKE_PHOENIX 24014	40.82 -0.83 0.00	31.37 -0.58 0.00	27.34 -0.52 0.00	28.42 -0.58 0.00	33.02 -0.64 0.00	41.25 -0.85 0.00	34.96 -0.86 0.00	42.39 -1.16 0.00	48.80 -1.39 0.00	44.30 -1.30 0.00	48.54 -1.40 0.00	45.03 -1.38 0.00	47.21 -1.46 0.00	44.53 -1.34 0.00	44.67 -1.30 0.00	49.26 -1.44 0.00	46.29 -1.26 0.00	49.65 -1.33 0.00	47.36 -1.26 0.00	58.06 -1.41 0.00	45.46 -1.09 0.00	42.83 -1.02 0.00	39.11 -1.07 0.00	27.53 -0.79 0.00
LOVETT___3 23632	43.82 2.16 0.00	33.56 1.62 0.00	29.22 1.35 0.00	30.27 1.26 0.00	34.93 1.27 0.00	43.54 1.45 0.00	37.42 1.60 0.00	45.76 2.20 0.00	52.63 2.45 0.00	47.84 2.24 0.00	52.33 2.39 0.00	48.74 2.33 0.00	51.20 2.53 0.00	48.24 2.38 0.00	48.44 2.47 0.00	53.29 2.59 0.00	50.10 2.54 0.00	53.77 2.80 0.00	51.31 2.69 0.00	62.72 3.25 0.00	48.93 2.38 0.00	46.04 2.18 0.00	42.29 2.12 0.00	29.84 1.52 0.00
LOVETT___4 23642	43.82 2.16 0.00	33.56 1.62 0.00	29.22 1.35 0.00	30.27 1.26 0.00	34.93 1.27 0.00	43.54 1.45 0.00	37.42 1.60 0.00	45.76 2.20 0.00	52.63 2.45 0.00	47.84 2.24 0.00	52.33 2.39 0.00	48.74 2.33 0.00	51.20 2.53 0.00	48.24 2.38 0.00	48.44 2.47 0.00	53.29 2.59 0.00	50.10 2.54 0.00	53.77 2.80 0.00	51.31 2.69 0.00	62.72 3.25 0.00	48.93 2.38 0.00	46.04 2.18 0.00	42.29 2.12 0.00	29.84 1.52 0.00
LOVETT___5 23593	43.82 2.16 0.00	33.56 1.62 0.00	29.22 1.35 0.00	30.27 1.26 0.00	34.93 1.27 0.00	43.54 1.45 0.00	37.42 1.60 0.00	45.76 2.20 0.00	52.63 2.45 0.00	47.84 2.24 0.00	52.33 2.39 0.00	48.74 2.33 0.00	51.20 2.53 0.00	48.24 2.38 0.00	48.44 2.47 0.00	53.29 2.59 0.00	50.10 2.54 0.00	53.77 2.80 0.00	51.31 2.69 0.00	62.72 3.25 0.00	48.93 2.38 0.00	46.04 2.18 0.00	42.29 2.12 0.00	29.84 1.52 0.00
LOWER RAQUET___HYD 24057	39.70 -1.96 0.00	30.24 -1.71 0.00	26.48 -1.39 0.00	27.88 -1.12 0.00	32.59 -1.07 0.00	41.19 -0.91 0.00	35.07 -0.75 0.00	42.35 -1.20 0.00	49.25 -0.94 0.00	44.65 -0.95 0.00	49.03 -0.91 0.00	45.38 -1.03 0.00	47.37 -1.30 0.00	44.54 -1.33 0.00	44.64 -1.33 0.00	49.47 -1.22 0.00	46.03 -1.52 0.00	49.16 -1.81 0.00	46.92 -1.70 0.00	57.75 -1.72 0.00	45.07 -1.48 0.00	42.30 -1.56 0.00	38.65 -1.53 0.00	18.19 -1.20 8.92
LOWER___HUDSON 24059	43.21 1.54 0.00	33.15 1.21 0.00	28.93 1.07 0.00	30.00 0.99 0.00	34.63 0.97 0.00	43.18 1.08 0.00	36.86 1.04 0.00	45.13 1.58 0.00	51.85 1.66 0.00	47.09 1.49 0.00	51.41 1.47 0.00	47.92 1.51 0.00	50.26 1.59 0.00	47.36 1.49 0.00	47.50 1.54 0.00	52.36 1.66 0.00	49.17 1.61 0.00	52.73 1.76 0.00	50.37 1.75 0.00	61.65 2.18 0.00	48.05 1.50 0.00	45.28 1.42 0.00	41.56 1.38 0.00	29.32 1.00 0.00
LOWVILLE_115KV_TB2 356335	41.39 -0.27 0.00	31.74 -0.21 0.00	27.59 -0.27 0.00	28.72 -0.29 0.00	33.51 -0.15 0.00	42.35 0.25 0.00	36.09 0.27 0.00	43.76 0.21 0.00	50.23 0.05 0.00	45.33 -0.27 0.00	49.78 -0.16 0.00	45.82 -0.59 0.00	47.59 -1.09 0.00	44.88 -0.98 0.00	45.06 -0.90 0.00	50.22 -0.48 0.00	46.81 -0.75 0.00	49.81 -1.16 0.00	47.82 -0.80 0.00	59.28 -0.19 0.00	45.68 -0.87 0.00	42.39 -1.47 0.00	38.61 -1.57 0.00	24.96 -1.19 2.16
LUTHERFT_115KV_GLOB_FND_222 355753	43.75 2.09 0.00	33.60 1.66 0.00	29.31 1.45 0.00	30.41 1.40 0.00	35.14 1.48 0.00	43.87 1.77 0.00	37.47 1.65 0.00	45.89 2.34 0.00	52.67 2.48 0.00	47.77 2.17 0.00	52.15 2.21 0.00	48.53 2.12 0.00	50.92 2.25 0.00	47.96 2.10 0.00	48.09 2.12 0.00	53.09 2.39 0.00	49.99 2.43 0.00	53.67 2.70 0.00	51.24 2.62 0.00	62.77 3.30 0.00	48.88 2.34 0.00	46.00 2.14 0.00	42.18 2.00 0.00	29.72 1.41 0.00

LUTHERNY_35_KV_BK2 355980	43.77 2.11 0.00	33.58 1.64 0.00	29.31 1.45 0.00	30.40 1.39 0.00	35.15 1.49 0.00	43.90 1.80 0.00	37.49 1.67 0.00	45.96 2.41 0.00	52.81 2.63 0.00	47.78 2.18 0.00	52.15 2.21 0.00	48.53 2.12 0.00	50.93 2.26 0.00	47.96 2.10 0.00	48.10 2.13 0.00	53.11 2.41 0.00	50.00 2.44 0.00	53.68 2.71 0.00	51.27 2.65 0.00	62.87 3.40 0.00	48.88 2.33 0.00	46.00 2.14 0.00	42.17 1.99 0.00	29.73 1.41 0.00
LWR___OSWEGATCHIE_HYD 23850	40.05 -1.61 0.00	30.66 -1.28 0.00	26.76 -1.10 0.00	28.02 -0.99 0.00	32.73 -0.93 0.00	41.35 -0.74 0.00	35.23 -0.58 0.00	42.61 -0.94 0.00	49.23 -0.95 0.00	44.54 -1.06 0.00	48.89 -1.05 0.00	45.07 -1.35 0.00	46.89 -1.78 0.00	44.15 -1.72 0.00	44.29 -1.67 0.00	49.27 -1.42 0.00	45.94 -1.62 0.00	48.99 -1.98 0.00	46.90 -1.72 0.00	57.96 -1.51 0.00	44.97 -1.58 0.00	41.97 -1.88 0.00	38.27 -1.91 0.00	20.97 -1.45 5.90
LYONS_FALL_HYD 23570	41.75 0.09 0.00	32.02 0.09 0.00	27.86 0.00 0.00	28.98 -0.02 0.00	33.76 0.10 0.00	42.51 0.41 0.00	36.23 0.41 0.00	43.99 0.43 0.00	50.58 0.39 0.00	45.73 0.13 0.00	50.11 0.17 0.00	46.30 -0.11 0.00	48.27 -0.40 0.00	45.54 -0.33 0.00	45.70 -0.27 0.00	50.74 0.04 0.00	47.47 -0.08 0.00	50.68 -0.30 0.00	48.54 -0.08 0.00	59.86 0.39 0.00	46.39 -0.16 0.00	43.29 -0.57 0.00	39.47 -0.71 0.00	26.54 -0.56 1.21
MADISON___COUNTY_LFGE 323628	42.39 0.73 0.00	32.57 0.62 0.00	28.35 0.48 0.00	29.48 0.47 0.00	34.24 0.57 0.00	42.88 0.78 0.00	36.59 0.77 0.00	44.49 0.94 0.00	51.14 0.95 0.00	46.30 0.70 0.00	50.61 0.67 0.00	46.99 0.58 0.00	49.27 0.59 0.00	46.48 0.62 0.00	46.60 0.64 0.00	51.53 0.83 0.00	48.46 0.90 0.00	51.93 0.95 0.00	49.62 0.99 0.00	60.84 1.37 0.00	47.50 0.95 0.00	44.65 0.80 0.00	40.73 0.56 0.00	28.65 0.34 0.00
MALONE___115KV_TB1 356076	40.55 -1.11 0.00	30.84 -1.10 0.00	26.96 -0.91 0.00	28.29 -0.72 0.00	33.10 -0.57 0.00	41.76 -0.34 0.00	35.59 -0.23 0.00	43.21 -0.35 0.00	50.28 0.09 0.00	45.70 0.09 0.00	50.20 0.26 0.00	46.48 0.07 0.00	48.52 -0.15 0.00	45.43 -0.44 0.00	45.44 -0.53 0.00	50.39 -0.31 0.00	46.72 -0.83 0.00	49.90 -1.08 0.00	47.67 -0.96 0.00	58.64 -0.83 0.00	45.78 -0.77 0.00	42.81 -1.04 0.00	39.07 -1.10 0.00	16.90 -0.93 10.49
MAPLEWOD_115KV_TB3 80458	43.04 1.38 0.00	33.06 1.12 0.00	28.85 0.98 0.00	29.92 0.91 0.00	34.54 0.87 0.00	43.02 0.92 0.00	36.73 0.91 0.00	44.92 1.37 0.00	51.66 1.47 0.00	47.02 1.42 0.00	51.34 1.40 0.00	47.89 1.48 0.00	50.23 1.56 0.00	47.32 1.46 0.00	47.50 1.54 0.00	52.32 1.63 0.00	49.07 1.52 0.00	52.60 1.63 0.00	50.21 1.58 0.00	61.41 1.94 0.00	47.95 1.39 0.00	45.14 1.29 0.00	41.43 1.25 0.00	29.24 0.93 0.00
MAPLE_RIDGE_WT_1 323574	41.02 -0.64 0.00	31.43 -0.51 0.00	27.44 -0.43 0.00	28.53 -0.48 0.00	33.14 -0.52 0.00	41.62 -0.48 0.00	35.45 -0.37 0.00	43.10 -0.45 0.00	49.95 -0.23 0.00	45.42 -0.18 0.00	49.84 -0.10 0.00	46.26 -0.15 0.00	48.39 -0.28 0.00	45.49 -0.37 0.00	45.53 -0.44 0.00	50.27 -0.43 0.00	46.93 -0.63 0.00	50.17 -0.81 0.00	47.83 -0.80 0.00	58.57 -0.89 0.00	45.60 -0.95 0.00	42.85 -1.01 0.00	39.17 -1.01 0.00	8.75 -0.83 18.73
MAPLE_RIDGE_WT_2 323611	41.02 -0.64 0.00	31.43 -0.51 0.00	27.44 -0.43 0.00	28.53 -0.48 0.00	33.14 -0.52 0.00	41.62 -0.48 0.00	35.45 -0.37 0.00	43.10 -0.45 0.00	49.95 -0.23 0.00	45.42 -0.18 0.00	49.84 -0.10 0.00	46.26 -0.15 0.00	48.39 -0.28 0.00	45.49 -0.37 0.00	45.53 -0.44 0.00	50.27 -0.43 0.00	46.93 -0.63 0.00	50.17 -0.81 0.00	47.83 -0.80 0.00	58.57 -0.89 0.00	45.60 -0.95 0.00	42.85 -1.01 0.00	39.17 -1.01 0.00	8.75 -0.83 18.73
MARBLE_RIVER_WT_PWR 323696	40.71 -0.95 0.00	30.98 -0.96 0.00	27.06 -0.81 0.00	28.35 -0.65 0.00	33.19 -0.47 0.00	41.86 -0.24 0.00	35.69 -0.13 0.00	43.36 -0.20 0.00	50.42 0.23 0.00	45.83 0.23 0.00	50.38 0.44 0.00	46.74 0.33 0.00	48.76 0.09 0.00	45.54 -0.32 0.00	45.55 -0.42 0.00	50.49 -0.21 0.00	46.75 -0.81 0.00	49.89 -1.09 0.00	47.56 -1.06 0.00	58.50 -0.97 0.00	45.66 -0.89 0.00	42.66 -1.20 0.00	39.04 -1.14 0.00	16.16 -0.91 11.25
MARSHVLE_115KV_TB1 80742	44.18 2.52 0.00	33.87 1.93 0.00	29.44 1.57 0.00	30.61 1.61 0.00	35.65 1.99 0.00	44.81 2.72 0.00	38.24 2.42 0.00	46.33 2.78 0.00	53.36 3.17 0.00	48.52 2.92 0.00	53.13 3.19 0.00	49.18 2.77 0.00	51.50 2.83 0.00	48.46 2.60 0.00	48.55 2.58 0.00	53.58 2.88 0.00	50.14 2.58 0.00	53.78 2.81 0.00	51.50 2.87 0.00	63.04 3.58 0.00	49.46 2.91 0.00	46.58 2.72 0.00	42.49 2.32 0.00	29.84 1.52 0.00
MARSH_HILL_WT_PWR 323713	40.68 -0.98 0.00	31.62 -0.33 0.00	27.44 -0.42 0.00	28.73 -0.28 0.00	33.65 -0.01 0.00	42.10 0.01 0.00	35.69 -0.13 0.00	42.89 -0.67 0.00	49.14 -1.05 0.00	44.72 -0.88 0.00	49.13 -0.81 0.00	45.13 -1.29 0.00	47.42 -1.26 0.00	44.81 -1.06 0.00	44.36 -1.60 0.00	48.65 -2.04 0.00	45.73 -1.83 0.00	49.42 -1.56 0.00	46.93 -1.69 0.00	57.34 -2.13 0.00	44.28 -2.27 0.00	42.21 -1.65 0.00	37.98 -2.20 0.00	26.72 -1.59 0.00
MCINTYRE_115KV_TB2 80467	40.94 -0.72 0.00	31.13 -0.81 0.00	27.27 -0.59 0.00	28.73 -0.28 0.00	33.60 -0.06 0.00	42.49 0.40 0.00	36.19 0.37 0.00	43.60 0.05 0.00	50.71 0.52 0.00	45.85 0.26 0.00	50.29 0.35 0.00	46.50 0.09 0.00	48.52 -0.15 0.00	45.70 -0.17 0.00	45.89 -0.07 0.00	50.74 0.05 0.00	47.22 -0.34 0.00	50.42 -0.56 0.00	48.26 -0.36 0.00	59.69 0.22 0.00	46.70 0.14 0.00	43.90 0.04 0.00	40.07 -0.10 0.00	18.67 -0.23 9.42
MECO_____69_KV_BK1 80468	44.40 2.74 0.00	34.05 2.10 0.00	29.64 1.78 0.00	30.79 1.79 0.00	35.78 2.12 0.00	44.90 2.80 0.00	38.37 2.55 0.00	46.70 3.14 0.00	53.59 3.40 0.00	48.64 3.04 0.00	53.09 3.15 0.00	49.20 2.78 0.00	51.60 2.93 0.00	48.55 2.69 0.00	48.66 2.69 0.00	53.77 3.08 0.00	50.56 3.00 0.00	54.38 3.41 0.00	52.06 3.43 0.00	63.78 4.31 0.00	49.95 3.40 0.00	46.95 3.10 0.00	42.86 2.68 0.00	30.09 1.77 0.00
MENANDS___115KV_TB5 355628	42.83 1.17 0.00	32.91 0.96 0.00	28.72 0.86 0.00	29.79 0.79 0.00	34.38 0.72 0.00	42.80 0.70 0.00	36.53 0.71 0.00	44.67 1.12 0.00	51.39 1.21 0.00	46.77 1.17 0.00	51.07 1.14 0.00	47.64 1.23 0.00	49.97 1.29 0.00	47.08 1.22 0.00	47.26 1.29 0.00	52.04 1.34 0.00	48.78 1.22 0.00	52.30 1.33 0.00	49.92 1.30 0.00	61.05 1.59 0.00	47.66 1.11 0.00	44.89 1.03 0.00	41.22 1.04 0.00	29.10 0.79 0.00
MG INDUSTRY___DRP 24185	42.89 1.24 0.00	33.01 1.07 0.00	28.81 0.94 0.00	29.90 0.89 0.00	34.56 0.89 0.00	43.02 0.92 0.00	36.61 0.78 0.00	44.68 1.13 0.00	51.27 1.08 0.00	46.49 0.88 0.00	50.83 0.89 0.00	47.29 0.87 0.00	49.61 0.93 0.00	46.74 0.88 0.00	46.93 0.96 0.00	51.76 1.07 0.00	48.73 1.17 0.00	52.26 1.28 0.00	49.87 1.24 0.00	60.99 1.52 0.00	47.68 1.13 0.00	44.87 1.01 0.00	41.20 1.02 0.00	29.11 0.79 0.00

MID___OSWEGATCHIE_HYD 23849	40.05 -1.61 0.00	30.66 -1.28 0.00	26.76 -1.10 0.00	28.02 -0.99 0.00	32.73 -0.93 0.00	41.35 -0.74 0.00	35.23 -0.58 0.00	42.61 -0.94 0.00	49.23 -0.95 0.00	44.54 -1.06 0.00	48.89 -1.05 0.00	45.07 -1.35 0.00	46.89 -1.78 0.00	44.15 -1.72 0.00	44.29 -1.67 0.00	49.27 -1.42 0.00	45.94 -1.62 0.00	48.99 -1.98 0.00	46.90 -1.72 0.00	57.96 -1.51 0.00	44.97 -1.58 0.00	41.97 -1.88 0.00	38.27 -1.91 0.00	20.97 -1.45 5.90
MID___RAQUETTE_HYD 23851	39.70 -1.96 0.00	30.24 -1.70 0.00	26.48 -1.39 0.00	27.88 -1.12 0.00	32.59 -1.07 0.00	41.19 -0.91 0.00	35.07 -0.75 0.00	42.35 -1.21 0.00	49.25 -0.94 0.00	44.65 -0.94 0.00	49.03 -0.91 0.00	45.38 -1.03 0.00	47.37 -1.30 0.00	44.54 -1.33 0.00	44.64 -1.33 0.00	49.47 -1.22 0.00	46.03 -1.52 0.00	49.16 -1.81 0.00	46.92 -1.70 0.00	57.75 -1.72 0.00	45.07 -1.48 0.00	42.30 -1.56 0.00	38.65 -1.53 0.00	18.19 -1.20 8.92
MILLIKEN___1 23584	42.19 0.53 0.00	32.50 0.56 0.00	28.29 0.42 0.00	29.41 0.40 0.00	34.15 0.49 0.00	42.69 0.59 0.00	36.55 0.73 0.00	44.38 0.83 0.00	50.61 0.42 0.00	45.84 0.24 0.00	50.06 0.12 0.00	46.54 0.13 0.00	48.87 0.20 0.00	46.05 0.18 0.00	46.12 0.16 0.00	50.92 0.23 0.00	47.91 0.35 0.00	51.38 0.40 0.00	49.04 0.42 0.00	60.15 0.68 0.00	47.15 0.60 0.00	44.45 0.59 0.00	40.50 0.32 0.00	28.49 0.17 0.00
MILLIKEN___2 23585	42.19 0.53 0.00	32.50 0.56 0.00	28.29 0.42 0.00	29.41 0.40 0.00	34.15 0.49 0.00	42.69 0.59 0.00	36.55 0.73 0.00	44.38 0.83 0.00	50.61 0.42 0.00	45.84 0.24 0.00	50.06 0.12 0.00	46.54 0.13 0.00	48.87 0.20 0.00	46.05 0.18 0.00	46.12 0.16 0.00	50.92 0.23 0.00	47.91 0.35 0.00	51.38 0.40 0.00	49.04 0.42 0.00	60.15 0.68 0.00	47.15 0.60 0.00	44.45 0.59 0.00	40.50 0.32 0.00	28.49 0.17 0.00
MILLIKEN___DIESEL 23629	42.19 0.53 0.00	32.50 0.56 0.00	28.29 0.42 0.00	29.41 0.40 0.00	34.15 0.49 0.00	42.69 0.59 0.00	36.55 0.73 0.00	44.38 0.83 0.00	50.61 0.42 0.00	45.84 0.24 0.00	50.06 0.12 0.00	46.54 0.13 0.00	48.87 0.20 0.00	46.05 0.18 0.00	46.12 0.16 0.00	50.92 0.23 0.00	47.91 0.35 0.00	51.38 0.40 0.00	49.04 0.42 0.00	60.15 0.68 0.00	47.15 0.60 0.00	44.45 0.59 0.00	40.50 0.32 0.00	28.49 0.17 0.00
MILLSEAT___LFGE 323607	40.19 -1.46 0.00	30.92 -1.02 0.00	26.93 -0.93 0.00	28.04 -0.96 0.00	33.00 -0.66 0.00	41.03 -1.07 0.00	34.53 -1.29 0.00	41.13 -2.43 0.00	47.33 -2.85 0.00	43.26 -2.34 0.00	48.24 -1.70 0.00	44.18 -2.23 0.00	46.39 -2.28 0.00	43.84 -2.02 0.00	43.76 -2.21 0.00	47.67 -3.02 0.00	44.62 -2.94 0.00	47.76 -3.21 0.00	45.91 -2.58 0.00	56.89 -1.59 0.00	44.96 -1.59 0.00	42.78 -1.08 0.00	38.63 -1.55 0.00	27.12 -1.19 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	43.92 2.26 0.00	33.64 1.69 0.00	29.29 1.43 0.00	30.34 1.33 0.00	35.00 1.34 0.00	43.63 1.54 0.00	37.45 1.63 0.00	45.81 2.25 0.00	52.73 2.54 0.00	47.97 2.37 0.00	52.46 2.52 0.00	48.86 2.45 0.00	51.34 2.67 0.00	48.37 2.50 0.00	48.56 2.60 0.00	53.40 2.70 0.00	50.20 2.64 0.00	53.88 2.90 0.00	51.42 2.79 0.00	62.84 3.37 0.00	49.04 2.49 0.00	46.13 2.28 0.00	42.39 2.21 0.00	29.91 1.59 0.00
MILLWOOD_13_KV_LOAD 356217	43.97 2.31 0.00	33.68 1.74 0.00	29.33 1.47 0.00	30.37 1.37 0.00	35.04 1.38 0.00	43.69 1.60 0.00	37.50 1.68 0.00	45.88 2.32 0.00	52.80 2.61 0.00	48.05 2.46 0.00	52.54 2.60 0.00	48.94 2.53 0.00	51.43 2.75 0.00	48.45 2.58 0.00	48.64 2.67 0.00	53.49 2.79 0.00	50.28 2.72 0.00	53.97 2.99 0.00	51.49 2.87 0.00	62.94 3.48 0.00	49.11 2.56 0.00	46.19 2.33 0.00	42.44 2.27 0.00	29.95 1.63 0.00
MODEL_CITY_ENERGY 24167	39.12 -2.54 0.00	30.10 -1.85 0.00	26.24 -1.63 0.00	27.34 -1.66 0.00	32.25 -1.42 0.00	39.88 -2.21 0.00	33.41 -2.42 0.00	39.50 -4.05 0.00	45.43 -4.76 0.00	41.62 -3.99 0.00	46.72 -3.22 0.00	42.93 -3.48 0.00	45.01 -3.66 0.00	42.62 -3.25 0.00	42.43 -3.54 0.00	46.26 -4.44 0.00	43.25 -4.31 0.00	46.05 -4.92 0.00	44.14 -4.49 0.00	54.67 -4.80 0.00	43.29 -3.26 0.00	41.36 -2.49 0.00	37.39 -2.79 0.00	26.27 -2.04 0.00
MODERN_LFGE___ 323580	39.12 -2.54 0.00	30.10 -1.85 0.00	26.24 -1.63 0.00	27.34 -1.66 0.00	32.25 -1.42 0.00	39.88 -2.21 0.00	33.41 -2.42 0.00	39.50 -4.05 0.00	45.43 -4.76 0.00	41.62 -3.99 0.00	46.72 -3.22 0.00	42.93 -3.48 0.00	45.01 -3.66 0.00	42.62 -3.25 0.00	42.43 -3.54 0.00	46.26 -4.44 0.00	43.25 -4.31 0.00	46.05 -4.92 0.00	44.14 -4.49 0.00	54.67 -4.80 0.00	43.29 -3.26 0.00	41.36 -2.49 0.00	37.39 -2.79 0.00	26.27 -2.04 0.00
MOHAWK_PAPER___DRP 24187	43.04 1.38 0.00	33.06 1.12 0.00	28.85 0.98 0.00	29.92 0.91 0.00	34.54 0.87 0.00	43.02 0.92 0.00	36.73 0.91 0.00	44.92 1.37 0.00	51.66 1.47 0.00	47.02 1.42 0.00	51.34 1.40 0.00	47.89 1.48 0.00	50.23 1.56 0.00	47.32 1.46 0.00	47.50 1.54 0.00	52.32 1.63 0.00	49.07 1.52 0.00	52.60 1.63 0.00	50.21 1.58 0.00	61.41 1.94 0.00	47.95 1.39 0.00	45.14 1.29 0.00	41.43 1.25 0.00	29.24 0.93 0.00
MOHICAN___35_KV_115KV_LD 80490	43.94 2.28 0.00	33.79 1.85 0.00	29.49 1.62 0.00	30.55 1.54 0.00	35.31 1.64 0.00	44.09 1.99 0.00	37.80 1.98 0.00	46.42 2.86 0.00	53.21 3.02 0.00	48.23 2.63 0.00	52.61 2.68 0.00	48.94 2.53 0.00	51.32 2.64 0.00	48.33 2.47 0.00	48.46 2.49 0.00	53.50 2.81 0.00	50.54 2.98 0.00	54.38 3.40 0.00	51.87 3.25 0.00	63.55 4.09 0.00	49.39 2.83 0.00	46.41 2.56 0.00	42.55 2.38 0.00	29.96 1.64 0.00
MONGAUP___HYD 23641	43.93 2.27 0.00	33.68 1.74 0.00	29.33 1.46 0.00	30.39 1.39 0.00	35.12 1.46 0.00	43.83 1.73 0.00	37.52 1.70 0.00	45.65 2.10 0.00	52.57 2.39 0.00	47.71 2.12 0.00	51.52 1.58 0.00	47.88 1.47 0.00	50.29 1.62 0.00	47.47 1.61 0.00	47.58 1.61 0.00	52.29 1.59 0.00	49.31 1.75 0.00	53.05 2.08 0.00	50.68 2.06 0.00	62.04 2.57 0.00	48.68 2.13 0.00	45.76 1.90 0.00	41.96 1.78 0.00	29.80 1.48 0.00
MONTAUK___DIESEL 23721	45.18 4.12 0.60	34.31 2.37 0.00	29.70 1.83 0.00	30.24 1.23 0.00	34.71 1.05 0.00	43.28 1.18 0.00	37.20 1.38 0.00	45.58 2.03 0.00	52.55 2.36 0.00	48.74 2.87 -0.27	56.29 4.75 -1.60	52.27 4.62 -1.23	60.29 4.75 -6.87	52.95 3.60 -3.49	51.88 3.88 -2.03	55.65 3.19 -1.77	44.71 3.22 6.07	57.09 3.08 -3.03	65.33 2.82 -13.89	80.91 3.19 -18.26	66.78 2.37 -17.87	40.59 2.12 5.38	45.36 2.08 -3.10	34.60 1.40 -4.88
MOONROAD_115KV_HARTFLD_TB1-2 355988	40.06 -1.59 0.00	31.04 -0.90 0.00	26.77 -1.10 0.00	28.39 -0.62 0.00	33.46 -0.20 0.00	41.81 -0.28 0.00	35.25 -0.57 0.00	42.24 -1.31 0.00	48.75 -1.44 0.00	44.63 -0.97 0.00	49.87 -0.07 0.00	45.54 -0.87 0.00	47.93 -0.74 0.00	45.09 -0.77 0.00	44.99 -0.98 0.00	48.89 -1.81 0.00	45.52 -2.04 0.00	48.18 -2.79 0.00	46.35 -2.28 0.00	58.08 -1.39 0.00	45.47 -1.08 0.00	43.45 -0.40 0.00	38.91 -1.27 0.00	27.19 -1.12 0.00

MORRIS RIDGE___SOLAR 323848	40.32 -1.34 0.00	31.30 -0.64 0.00	27.13 -0.73 0.00	28.31 -0.70 0.00	33.20 -0.46 0.00	41.43 -0.67 0.00	34.95 -0.87 0.00	41.92 -1.64 0.00	48.09 -2.10 0.00	43.83 -1.77 0.00	48.32 -1.62 0.00	44.36 -2.06 0.00	46.72 -1.95 0.00	44.20 -1.67 0.00	43.75 -2.21 0.00	47.90 -2.79 0.00	45.10 -2.46 0.00	48.52 -2.46 0.00	46.17 -2.46 0.00	56.88 -2.59 0.00	44.50 -2.05 0.00	42.39 -1.47 0.00	38.27 -1.91 0.00	26.91 -1.41 0.00
MORTIMER_115KV_TB3 55949	40.63 -1.03 0.00	31.22 -0.72 0.00	27.20 -0.67 0.00	28.28 -0.73 0.00	33.05 -0.61 0.00	41.28 -0.82 0.00	34.88 -0.94 0.00	41.92 -1.64 0.00	48.24 -1.95 0.00	43.96 -1.64 0.00	48.76 -1.18 0.00	44.93 -1.49 0.00	47.13 -1.54 0.00	44.55 -1.32 0.00	44.49 -1.48 0.00	48.74 -1.96 0.00	45.71 -1.85 0.00	48.95 -2.03 0.00	46.78 -1.85 0.00	57.67 -1.80 0.00	45.36 -1.19 0.00	43.00 -0.85 0.00	39.03 -1.15 0.00	27.38 -0.93 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	44.32 2.66 0.00	33.91 1.97 0.00	29.54 1.67 0.00	30.57 1.56 0.00	35.25 1.59 0.00	43.94 1.84 0.00	37.77 1.95 0.00	46.22 2.66 0.00	53.17 2.99 0.00	48.41 2.81 0.00	52.92 2.98 0.00	49.29 2.88 0.00	51.79 3.12 0.00	48.84 2.97 0.00	49.02 3.05 0.00	53.83 3.14 0.00	50.62 3.06 0.00	54.28 3.31 0.00	51.77 3.15 0.00	63.23 3.76 0.00	49.39 2.84 0.00	46.42 2.56 0.00	42.68 2.50 0.00	30.16 1.85 0.00
MUNSVILLE_WIND_PWR 323609	43.36 1.70 0.00	33.61 1.66 0.00	29.32 1.46 0.00	30.45 1.44 0.00	35.39 1.73 0.00	44.47 2.37 0.00	38.10 2.28 0.00	46.40 2.85 0.00	53.17 2.99 0.00	48.14 2.54 0.00	52.21 2.27 0.00	48.25 1.83 0.00	50.64 1.97 0.00	47.83 1.96 0.00	47.45 1.48 0.00	52.48 1.78 0.00	49.09 1.53 0.00	52.70 1.72 0.00	50.25 1.62 0.00	61.35 1.88 0.00	48.29 1.73 0.00	45.27 1.42 0.00	41.42 1.25 0.00	29.03 0.72 0.00
N SALMON___HYD 24042	40.56 -1.11 0.00	30.84 -1.10 0.00	26.96 -0.91 0.00	28.29 -0.71 0.00	33.10 -0.57 0.00	41.76 -0.34 0.00	35.59 -0.23 0.00	43.20 -0.35 0.00	50.28 0.09 0.00	45.70 0.09 0.00	50.20 0.26 0.00	46.48 0.07 0.00	48.53 -0.14 0.00	45.43 -0.44 0.00	45.44 -0.53 0.00	50.39 -0.31 0.00	46.72 -0.83 0.00	49.90 -1.08 0.00	47.67 -0.96 0.00	58.64 -0.83 0.00	45.78 -0.77 0.00	42.81 -1.04 0.00	39.07 -1.10 0.00	16.90 -0.93 10.49
N.AKRON__115KV_KNAPP 355671	40.03 -1.63 0.00	30.80 -1.15 0.00	26.82 -1.04 0.00	27.94 -1.07 0.00	32.90 -0.77 0.00	40.85 -1.25 0.00	34.33 -1.49 0.00	40.81 -2.75 0.00	46.96 -3.22 0.00	42.94 -2.66 0.00	47.99 -1.95 0.00	43.99 -2.42 0.00	46.17 -2.51 0.00	43.68 -2.18 0.00	43.54 -2.42 0.00	47.48 -3.22 0.00	44.37 -3.19 0.00	47.46 -3.52 0.00	45.54 -3.08 0.00	56.45 -3.02 0.00	44.62 -1.93 0.00	42.51 -1.35 0.00	38.41 -1.77 0.00	26.96 -1.36 0.00
N.E_GEN_SANDY PD 24062	43.57 1.91 0.00	33.22 1.44 0.15	29.11 1.25 0.00	30.15 1.15 0.00	34.76 1.10 0.00	43.15 1.22 0.16	37.03 1.23 0.02	45.38 1.83 0.00	52.25 2.06 0.00	47.56 1.96 0.00	51.92 1.98 0.00	48.45 2.04 0.00	50.60 2.15 0.22	47.90 2.04 0.00	48.06 2.09 0.00	52.85 2.15 0.00	49.53 1.97 0.00	53.13 2.15 0.00	50.71 2.09 0.00	62.05 2.59 0.00	48.37 1.82 0.00	45.58 1.73 0.00	41.88 1.70 0.00	29.55 1.24 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	43.91 2.25 0.00	33.62 1.68 0.00	29.27 1.40 0.00	30.32 1.31 0.00	34.99 1.34 0.00	43.63 1.53 0.00	37.53 1.71 0.00	45.88 2.33 0.00	52.78 2.59 0.00	47.95 2.35 0.00	52.45 2.51 0.00	48.86 2.45 0.00	51.34 2.67 0.00	48.37 2.51 0.00	48.55 2.59 0.00	53.43 2.73 0.00	50.23 2.67 0.00	53.92 2.94 0.00	51.44 2.82 0.00	62.89 3.43 0.00	49.06 2.51 0.00	46.15 2.30 0.00	42.40 2.22 0.00	29.90 1.59 0.00
N.QUEENS_27_KV_LOAD 356247	44.20 2.54 0.00	33.91 1.97 0.00	29.61 1.74 0.00	30.53 1.52 0.00	35.21 1.55 0.00	43.81 1.71 0.00	37.73 1.91 0.00	46.13 2.57 0.00	53.02 2.84 0.00	48.22 2.62 0.00	52.80 2.81 -0.05	51.36 2.68 -2.26	55.43 3.25 -3.51	49.52 3.28 -0.37	49.27 3.30 0.00	54.15 3.45 0.00	59.26 3.44 -8.26	54.57 3.59 0.00	54.11 3.43 -2.06	64.97 4.05 -1.45	53.94 3.14 -4.24	53.25 2.82 -6.58	50.43 2.88 -7.37	31.51 2.12 -1.07
N.TROY___115KV_TB1 355778	43.20 1.54 0.00	33.15 1.21 0.00	28.93 1.07 0.00	30.00 0.99 0.00	34.63 0.97 0.00	43.18 1.08 0.00	36.86 1.04 0.00	45.13 1.58 0.00	51.85 1.66 0.00	47.10 1.50 0.00	51.42 1.48 0.00	47.92 1.51 0.00	50.26 1.59 0.00	47.36 1.50 0.00	47.50 1.53 0.00	52.36 1.67 0.00	49.18 1.62 0.00	52.73 1.76 0.00	50.37 1.75 0.00	61.65 2.18 0.00	48.05 1.50 0.00	45.28 1.42 0.00	41.56 1.39 0.00	29.32 1.00 0.00
NARROWS_GT1_1 24228	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
NARROWS_GT1_2 24229	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
NARROWS_GT1_3 24230	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
NARROWS_GT1_4 24231	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
NARROWS_GT1_5 24232	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84

NARROWS_GT1_6 24233	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
NARROWS_GT1_7 24234	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
NARROWS_GT1_8 24235	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
NARROWS_GT2_1 24236	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
NARROWS_GT2_2 24237	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
NARROWS_GT2_3 24238	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
NARROWS_GT2_4 24239	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
NARROWS_GT2_5 24240	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
NARROWS_GT2_6 24241	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
NARROWS_GT2_7 24242	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
NARROWS_GT2_8 24243	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	43.35 1.69 0.00	33.33 1.38 0.00	29.08 1.22 0.00	30.18 1.17 0.00	34.88 1.22 0.00	43.46 1.36 0.00	37.09 1.27 0.00	45.36 1.81 0.00	52.10 1.92 0.00	47.19 1.59 0.00	51.54 1.60 0.00	48.06 1.65 0.00	50.43 1.76 0.00	47.45 1.59 0.00	47.65 1.69 0.00	52.58 1.89 0.00	49.44 1.89 0.00	53.07 2.09 0.00	50.75 2.13 0.00	62.12 2.66 0.00	48.51 1.96 0.00	45.61 1.75 0.00	41.79 1.61 0.00	29.47 1.15 0.00
NCHELSEA_115KV_TR2 355582	44.17 2.51 0.00	33.86 1.91 0.00	29.49 1.63 0.00	30.55 1.54 0.00	35.25 1.58 0.00	43.96 1.87 0.00	37.69 1.86 0.00	46.13 2.57 0.00	53.09 2.90 0.00	48.31 2.71 0.00	52.84 2.90 0.00	49.19 2.78 0.00	51.67 3.00 0.00	48.71 2.84 0.00	48.88 2.92 0.00	53.74 3.05 0.00	50.56 3.00 0.00	54.27 3.30 0.00	51.78 3.15 0.00	63.34 3.87 0.00	49.43 2.88 0.00	46.48 2.62 0.00	42.63 2.46 0.00	30.06 1.75 0.00
NEG CAPITAL___MECHNVIL 23645	43.79 2.13 0.00	33.63 1.69 0.00	29.34 1.48 0.00	30.43 1.42 0.00	35.17 1.51 0.00	43.90 1.81 0.00	37.50 1.68 0.00	45.93 2.37 0.00	52.68 2.49 0.00	47.85 2.25 0.00	52.24 2.30 0.00	48.65 2.24 0.00	51.01 2.34 0.00	48.08 2.21 0.00	48.21 2.24 0.00	53.20 2.51 0.00	50.06 2.50 0.00	53.77 2.79 0.00	51.32 2.70 0.00	62.85 3.38 0.00	48.96 2.41 0.00	46.07 2.21 0.00	42.23 2.05 0.00	29.76 1.44 0.00
NEG CENTRAL_HIGH_ACRES 23767	40.09 -1.57 0.00	30.81 -1.13 0.00	26.84 -1.02 0.00	27.92 -1.09 0.00	32.59 -1.07 0.00	40.74 -1.36 0.00	34.52 -1.30 0.00	41.51 -2.05 0.00	47.70 -2.49 0.00	43.43 -2.17 0.00	47.98 -1.96 0.00	44.30 -2.11 0.00	46.54 -2.14 0.00	44.07 -1.80 0.00	44.00 -1.96 0.00	48.31 -2.39 0.00	45.36 -2.20 0.00	48.55 -2.43 0.00	46.36 -2.26 0.00	57.07 -2.40 0.00	44.85 -1.70 0.00	42.43 -1.43 0.00	38.53 -1.64 0.00	27.05 -1.26 0.00

NEG CENTRAL___DRP 24199	41.43 -0.24 0.00	31.91 -0.03 0.00	27.75 -0.11 0.00	28.87 -0.13 0.00	33.59 -0.07 0.00	42.03 -0.07 0.00	36.10 0.28 0.00	44.11 0.55 0.00	49.94 -0.25 0.00	45.45 -0.15 0.00	49.62 -0.32 0.00	45.95 -0.46 0.00	48.26 -0.42 0.00	45.36 -0.51 0.00	45.32 -0.64 0.00	49.83 -0.86 0.00	46.92 -0.64 0.00	50.27 -0.70 0.00	47.87 -0.75 0.00	58.71 -0.75 0.00	46.11 -0.44 0.00	43.60 -0.26 0.00	39.67 -0.51 0.00	27.88 -0.43 0.00
NEG CENTRAL___INDECK 23768	41.68 0.02 0.00	32.15 0.20 0.00	27.96 0.10 0.00	29.11 0.10 0.00	34.15 0.49 0.00	42.73 0.64 0.00	36.21 0.39 0.00	43.43 -0.13 0.00	49.88 -0.31 0.00	45.30 -0.30 0.00	49.88 -0.06 0.00	45.83 -0.58 0.00	48.02 -0.65 0.00	45.59 -0.28 0.00	45.30 -0.67 0.00	49.35 -1.35 0.00	46.59 -0.97 0.00	50.52 -0.45 0.00	48.45 -0.18 0.00	59.68 0.21 0.00	46.72 0.16 0.00	44.27 0.42 0.00	39.98 -0.20 0.00	27.96 -0.35 0.00
NEG CENTRAL___SENECA 23627	41.44 -0.22 0.00	31.96 0.02 0.00	27.76 -0.11 0.00	28.89 -0.11 0.00	33.68 0.01 0.00	42.14 0.04 0.00	36.03 0.21 0.00	44.31 0.75 0.00	50.42 0.23 0.00	45.93 0.33 0.00	50.05 0.11 0.00	46.28 -0.13 0.00	48.61 -0.06 0.00	45.52 -0.35 0.00	45.41 -0.55 0.00	49.81 -0.89 0.00	46.97 -0.58 0.00	50.33 -0.65 0.00	47.85 -0.77 0.00	58.80 -0.66 0.00	46.18 -0.37 0.00	43.75 -0.11 0.00	39.71 -0.47 0.00	27.90 -0.42 0.00
NEG CENTRAL___STATE_STREET 24147	41.78 0.12 0.00	32.18 0.23 0.00	28.01 0.15 0.00	29.12 0.11 0.00	33.75 0.09 0.00	42.20 0.10 0.00	36.34 0.51 0.00	44.07 0.51 0.00	49.78 -0.41 0.00	45.14 -0.46 0.00	49.38 -0.56 0.00	45.81 -0.61 0.00	48.08 -0.59 0.00	45.38 -0.48 0.00	45.43 -0.53 0.00	50.30 -0.40 0.00	47.28 -0.27 0.00	50.68 -0.29 0.00	48.37 -0.25 0.00	59.12 -0.35 0.00	46.46 -0.09 0.00	43.85 -0.01 0.00	39.97 -0.20 0.00	28.13 -0.19 0.00
NEG MILLWOOD___DRP 24198	44.26 2.60 0.00	33.91 1.96 0.00	29.53 1.67 0.00	30.58 1.57 0.00	35.28 1.62 0.00	44.01 1.91 0.00	37.75 1.93 0.00	46.23 2.67 0.00	53.21 3.02 0.00	48.44 2.84 0.00	52.98 3.04 0.00	49.32 2.90 0.00	51.80 3.13 0.00	48.83 2.96 0.00	49.00 3.03 0.00	53.89 3.20 0.00	50.68 3.12 0.00	54.38 3.41 0.00	51.91 3.29 0.00	63.48 4.01 0.00	49.54 2.99 0.00	46.58 2.72 0.00	42.73 2.56 0.00	30.13 1.82 0.00
NEG NORTH_FLCN_SEA 23793	41.10 -0.56 0.00	31.30 -0.64 0.00	27.35 -0.52 0.00	28.61 -0.40 0.00	33.53 -0.14 0.00	42.49 0.40 0.00	36.41 0.59 0.00	44.34 0.79 0.00	51.46 1.27 0.00	46.73 1.12 0.00	51.36 1.42 0.00	47.75 1.34 0.00	49.83 1.17 0.00	46.40 0.53 0.00	46.65 0.69 0.00	51.75 1.06 0.00	47.84 0.28 0.00	51.04 0.06 0.00	48.49 -0.14 0.00	59.77 0.30 0.00	46.58 0.03 0.00	43.47 -0.39 0.00	39.91 -0.27 0.00	16.79 -0.33 11.20
NEG NORTH_KES_CHATEGAY 23792	40.67 -0.99 0.00	30.93 -1.02 0.00	27.02 -0.85 0.00	28.33 -0.68 0.00	33.14 -0.52 0.00	41.77 -0.33 0.00	35.60 -0.22 0.00	43.22 -0.34 0.00	50.24 0.05 0.00	45.66 0.06 0.00	50.19 0.25 0.00	46.56 0.15 0.00	48.57 -0.10 0.00	45.39 -0.48 0.00	45.34 -0.62 0.00	50.30 -0.39 0.00	46.65 -0.91 0.00	49.76 -1.21 0.00	47.49 -1.14 0.00	58.46 -1.01 0.00	45.64 -0.92 0.00	42.66 -1.20 0.00	38.99 -1.19 0.00	16.34 -0.95 11.02
NEG NORTH___ALICE_FALLS 23915	41.05 -0.61 0.00	31.24 -0.70 0.00	27.29 -0.57 0.00	28.56 -0.45 0.00	33.46 -0.20 0.00	42.38 0.28 0.00	36.29 0.46 0.00	44.19 0.64 0.00	51.29 1.11 0.00	46.53 0.93 0.00	51.14 1.21 0.00	47.52 1.11 0.00	49.59 0.92 0.00	46.21 0.35 0.00	46.42 0.45 0.00	51.54 0.85 0.00	47.66 0.10 0.00	50.88 -0.09 0.00	48.40 -0.23 0.00	59.66 0.19 0.00	46.59 0.04 0.00	43.43 -0.42 0.00	39.80 -0.38 0.00	16.73 -0.41 11.17
NEG NORTH___LWR_SARANAC 23913	41.05 -0.61 0.00	31.24 -0.70 0.00	27.29 -0.57 0.00	28.56 -0.45 0.00	33.46 -0.20 0.00	42.38 0.28 0.00	36.29 0.46 0.00	44.19 0.64 0.00	51.29 1.11 0.00	46.53 0.93 0.00	51.14 1.21 0.00	47.52 1.11 0.00	49.59 0.92 0.00	46.21 0.35 0.00	46.42 0.45 0.00	51.54 0.85 0.00	47.66 0.10 0.00	50.88 -0.09 0.00	48.40 -0.23 0.00	59.66 0.19 0.00	46.59 0.04 0.00	43.43 -0.42 0.00	39.80 -0.38 0.00	16.73 -0.41 11.17
NEG NORTH___PLATTSBURG 23628	41.05 -0.61 0.00	31.24 -0.70 0.00	27.29 -0.57 0.00	28.56 -0.45 0.00	33.46 -0.20 0.00	42.38 0.28 0.00	36.28 0.46 0.00	44.19 0.63 0.00	51.29 1.11 0.00	46.54 0.93 0.00	51.15 1.21 0.00	47.52 1.11 0.00	49.59 0.92 0.00	46.21 0.35 0.00	46.42 0.45 0.00	51.54 0.84 0.00	47.66 0.10 0.00	50.88 -0.09 0.00	48.40 -0.23 0.00	59.66 0.20 0.00	46.59 0.04 0.00	43.43 -0.42 0.00	39.80 -0.38 0.00	16.73 -0.41 11.17
NEG WEST_LEA_LOCKPORT 23791	39.49 -2.17 0.00	30.41 -1.54 0.00	26.48 -1.39 0.00	27.57 -1.43 0.00	32.48 -1.19 0.00	40.29 -1.81 0.00	33.77 -2.05 0.00	40.00 -3.56 0.00	45.99 -4.19 0.00	42.09 -3.51 0.00	47.20 -2.74 0.00	43.34 -3.07 0.00	45.48 -3.19 0.00	43.06 -2.81 0.00	42.86 -3.11 0.00	46.75 -3.95 0.00	43.66 -3.90 0.00	46.57 -4.40 0.00	44.59 -4.03 0.00	55.30 -4.17 0.00	43.74 -2.81 0.00	41.77 -2.09 0.00	37.76 -2.42 0.00	26.52 -1.80 0.00
NEG WEST___LANCASTR 23811	40.12 -1.54 0.00	30.97 -0.97 0.00	26.85 -1.01 0.00	27.96 -1.04 0.00	32.81 -0.86 0.00	40.85 -1.25 0.00	34.32 -1.50 0.00	41.00 -2.56 0.00	47.21 -2.97 0.00	43.17 -2.43 0.00	48.16 -1.78 0.00	44.26 -2.15 0.00	46.56 -2.11 0.00	44.03 -1.83 0.00	43.89 -2.07 0.00	47.83 -2.87 0.00	44.71 -2.85 0.00	47.70 -3.27 0.00	45.53 -3.09 0.00	56.47 -3.00 0.00	44.44 -2.11 0.00	42.40 -1.46 0.00	38.32 -1.85 0.00	26.91 -1.40 0.00
NEG_PENN_ALLEGHNY 23528	41.86 0.20 0.00	32.32 0.38 0.00	28.07 0.21 0.00	29.19 0.18 0.00	33.93 0.27 0.00	42.36 0.26 0.00	36.00 0.18 0.00	43.90 0.35 0.00	50.41 0.23 0.00	45.83 0.22 0.00	50.26 0.32 0.00	46.46 0.04 0.00	48.79 0.12 0.00	46.04 0.17 0.00	46.11 0.14 0.00	50.57 -0.12 0.00	47.58 0.02 0.00	50.92 -0.06 0.00	48.47 -0.16 0.00	59.58 0.11 0.00	46.57 0.02 0.00	44.03 0.17 0.00	40.12 -0.06 0.00	28.28 -0.04 0.00
NEG___GEN_MONROE 24207	40.77 -0.89 0.00	31.33 -0.61 0.00	27.30 -0.57 0.00	28.39 -0.62 0.00	33.22 -0.44 0.00	41.46 -0.63 0.00	35.04 -0.78 0.00	42.07 -1.48 0.00	48.41 -1.77 0.00	44.14 -1.46 0.00	48.93 -1.02 0.00	44.98 -1.43 0.00	47.17 -1.50 0.00	44.62 -1.25 0.00	44.58 -1.38 0.00	48.78 -1.91 0.00	45.72 -1.83 0.00	49.03 -1.95 0.00	46.95 -1.67 0.00	57.94 -1.52 0.00	45.62 -0.93 0.00	43.26 -0.60 0.00	39.20 -0.98 0.00	27.50 -0.81 0.00
NEPA___ENERGY 23901	40.43 -1.23 0.00	31.35 -0.59 0.00	26.95 -0.91 0.00	28.21 -0.79 0.00	33.09 -0.57 0.00	41.25 -0.85 0.00	34.74 -1.08 0.00	41.60 -1.96 0.00	47.92 -2.27 0.00	43.84 -1.76 0.00	48.74 -1.20 0.00	44.76 -1.66 0.00	47.20 -1.48 0.00	44.48 -1.38 0.00	44.44 -1.53 0.00	48.29 -2.40 0.00	45.27 -2.29 0.00	48.16 -2.82 0.00	45.98 -2.65 0.00	57.27 -2.20 0.00	44.84 -1.71 0.00	42.93 -0.92 0.00	38.73 -1.45 0.00	27.23 -1.08 0.00

NEVERSINK___HYD 23608	44.14 2.48 0.00	33.84 1.90 0.00	29.47 1.61 0.00	30.55 1.54 0.00	35.31 1.65 0.00	44.06 1.97 0.00	37.72 1.90 0.00	46.13 2.58 0.00	53.12 2.93 0.00	48.36 2.76 0.00	52.95 3.01 0.00	49.25 2.84 0.00	51.78 3.11 0.00	48.76 2.89 0.00	48.91 2.94 0.00	53.84 3.14 0.00	50.65 3.09 0.00	54.39 3.42 0.00	51.91 3.29 0.00	63.56 4.09 0.00	49.65 3.09 0.00	46.67 2.81 0.00	42.72 2.55 0.00	30.09 1.78 0.00
NEWKRMKL_115KV_TB1 55635	42.63 0.97 0.00	32.79 0.84 0.00	28.60 0.74 0.00	29.68 0.67 0.00	34.25 0.59 0.00	42.62 0.52 0.00	36.40 0.58 0.00	44.49 0.93 0.00	51.12 0.94 0.00	46.48 0.87 0.00	50.75 0.81 0.00	47.33 0.92 0.00	49.65 0.97 0.00	46.78 0.91 0.00	46.96 0.99 0.00	51.74 1.04 0.00	48.57 1.01 0.00	52.07 1.09 0.00	49.68 1.06 0.00	60.75 1.28 0.00	47.44 0.89 0.00	44.68 0.82 0.00	41.02 0.84 0.00	28.98 0.67 0.00
NEWTON___FALLS_HYD 23847	40.05 -1.61 0.00	30.66 -1.28 0.00	26.76 -1.10 0.00	28.02 -0.99 0.00	32.73 -0.93 0.00	41.35 -0.74 0.00	35.23 -0.58 0.00	42.61 -0.94 0.00	49.23 -0.95 0.00	44.54 -1.06 0.00	48.89 -1.05 0.00	45.07 -1.35 0.00	46.89 -1.78 0.00	44.15 -1.72 0.00	44.29 -1.67 0.00	49.27 -1.42 0.00	45.94 -1.62 0.00	48.99 -1.98 0.00	46.90 -1.72 0.00	57.96 -1.51 0.00	44.97 -1.58 0.00	41.97 -1.88 0.00	38.27 -1.91 0.00	20.97 -1.45 5.90
NGRID_A1_DSASP 323792	39.19 -2.47 0.00	30.23 -1.71 0.00	26.33 -1.53 0.00	27.37 -1.63 0.00	32.16 -1.51 0.00	40.03 -2.07 0.00	33.50 -2.32 0.00	39.43 -4.12 0.00	45.25 -4.94 0.00	41.44 -4.16 0.00	46.56 -3.38 0.00	42.81 -3.61 0.00	44.92 -3.75 0.00	42.55 -3.31 0.00	42.37 -3.59 0.00	46.23 -4.47 0.00	43.21 -4.35 0.00	45.96 -5.01 0.00	43.96 -4.66 0.00	54.46 -5.01 0.00	43.10 -3.45 0.00	41.19 -2.67 0.00	37.27 -2.91 0.00	26.17 -2.15 0.00
NGRID_A2_DSASP 323793	39.19 -2.47 0.00	30.23 -1.71 0.00	26.33 -1.53 0.00	27.37 -1.63 0.00	32.16 -1.51 0.00	40.03 -2.07 0.00	33.50 -2.32 0.00	39.43 -4.12 0.00	45.25 -4.94 0.00	41.44 -4.16 0.00	46.56 -3.38 0.00	42.81 -3.61 0.00	44.92 -3.75 0.00	42.55 -3.31 0.00	42.37 -3.59 0.00	46.23 -4.47 0.00	43.21 -4.35 0.00	45.96 -5.01 0.00	43.96 -4.66 0.00	54.46 -5.01 0.00	43.10 -3.45 0.00	41.19 -2.67 0.00	37.27 -2.91 0.00	26.17 -2.15 0.00
NGRID_A4_DSASP 323807	39.19 -2.47 0.00	30.23 -1.71 0.00	26.33 -1.53 0.00	27.37 -1.63 0.00	32.16 -1.51 0.00	40.03 -2.07 0.00	33.50 -2.32 0.00	39.43 -4.12 0.00	45.25 -4.94 0.00	41.44 -4.16 0.00	46.56 -3.38 0.00	42.81 -3.61 0.00	44.92 -3.75 0.00	42.55 -3.31 0.00	42.37 -3.59 0.00	46.23 -4.47 0.00	43.21 -4.35 0.00	45.96 -5.01 0.00	43.96 -4.66 0.00	54.46 -5.01 0.00	43.10 -3.45 0.00	41.19 -2.67 0.00	37.27 -2.91 0.00	26.17 -2.15 0.00
NIAGARA_115E_LBMP 323715	38.93 -2.74 0.00	29.94 -2.01 0.00	26.10 -1.76 0.00	27.22 -1.79 0.00	32.12 -1.54 0.00	39.67 -2.43 0.00	33.20 -2.62 0.00	39.22 -4.34 0.00	45.12 -5.07 0.00	41.34 -4.26 0.00	46.46 -3.48 0.00	42.70 -3.72 0.00	44.76 -3.92 0.00	42.39 -3.48 0.00	42.20 -3.77 0.00	46.01 -4.69 0.00	43.01 -4.55 0.00	45.77 -5.21 0.00	43.85 -4.77 0.00	54.31 -5.16 0.00	43.02 -3.53 0.00	41.13 -2.73 0.00	37.18 -3.00 0.00	26.14 -2.18 0.00
NIAGARA_115W_LBMP 323714	39.09 -2.58 0.00	30.16 -1.78 0.00	26.27 -1.59 0.00	27.31 -1.70 0.00	32.08 -1.58 0.00	39.93 -2.17 0.00	33.42 -2.40 0.00	39.31 -4.25 0.00	45.09 -5.09 0.00	41.30 -4.30 0.00	46.41 -3.53 0.00	42.67 -3.75 0.00	44.77 -3.90 0.00	42.42 -3.45 0.00	42.24 -3.73 0.00	46.07 -4.62 0.00	43.06 -4.50 0.00	45.81 -5.17 0.00	43.81 -4.81 0.00	54.27 -5.20 0.00	42.96 -3.59 0.00	41.05 -2.81 0.00	37.15 -3.03 0.00	26.08 -2.23 0.00
NIAGARA_230_LBMP 323716	39.30 -2.36 0.00	30.27 -1.68 0.00	26.36 -1.51 0.00	27.40 -1.60 0.00	32.19 -1.47 0.00	40.06 -2.04 0.00	33.52 -2.30 0.00	39.69 -3.87 0.00	45.63 -4.56 0.00	41.76 -3.84 0.00	46.85 -3.09 0.00	43.08 -3.34 0.00	45.21 -3.46 0.00	42.81 -3.06 0.00	42.62 -3.34 0.00	46.52 -4.18 0.00	43.50 -4.06 0.00	46.30 -4.67 0.00	44.29 -4.33 0.00	54.86 -4.61 0.00	43.38 -3.16 0.00	41.42 -2.43 0.00	37.49 -2.68 0.00	26.33 -1.98 0.00
NIAGARA___115KV_198_GIBSON 55903	39.09 -2.57 0.00	30.17 -1.78 0.00	26.27 -1.60 0.00	27.31 -1.70 0.00	32.08 -1.58 0.00	39.93 -2.16 0.00	33.42 -2.40 0.00	39.31 -4.24 0.00	45.10 -5.09 0.00	41.29 -4.31 0.00	46.40 -3.54 0.00	42.66 -3.75 0.00	44.76 -3.91 0.00	42.42 -3.45 0.00	42.24 -3.73 0.00	46.07 -4.62 0.00	43.02 -4.54 0.00	45.81 -5.17 0.00	43.80 -4.82 0.00	54.27 -5.20 0.00	42.94 -3.61 0.00	41.03 -2.83 0.00	37.16 -3.02 0.00	26.08 -2.23 0.00
NIAGARA____ 23760	39.30 -2.36 0.00	30.27 -1.68 0.00	26.36 -1.51 0.00	27.40 -1.60 0.00	32.19 -1.47 0.00	40.06 -2.04 0.00	33.52 -2.30 0.00	39.69 -3.87 0.00	45.63 -4.56 0.00	41.76 -3.84 0.00	46.85 -3.09 0.00	43.08 -3.34 0.00	45.21 -3.46 0.00	42.81 -3.06 0.00	42.62 -3.34 0.00	46.52 -4.18 0.00	43.50 -4.06 0.00	46.30 -4.67 0.00	44.29 -4.33 0.00	54.86 -4.61 0.00	43.38 -3.16 0.00	41.42 -2.43 0.00	37.49 -2.68 0.00	26.33 -1.98 0.00
NINE_MILE_1 23575	40.55 -1.11 0.00	31.15 -0.79 0.00	27.16 -0.70 0.00	28.24 -0.77 0.00	32.80 -0.87 0.00	40.95 -1.15 0.00	34.68 -1.15 0.00	42.05 -1.50 0.00	48.44 -1.75 0.00	44.01 -1.59 0.00	48.25 -1.69 0.00	44.77 -1.65 0.00	46.96 -1.71 0.00	44.30 -1.57 0.00	44.38 -1.58 0.00	48.91 -1.78 0.00	45.95 -1.61 0.00	49.23 -1.74 0.00	46.97 -1.65 0.00	57.49 -1.97 0.00	45.04 -1.51 0.00	42.46 -1.40 0.00	38.80 -1.38 0.00	27.34 -0.98 0.00
NINE_MILE_2 23744	40.55 -1.11 0.00	31.15 -0.79 0.00	27.16 -0.70 0.00	28.24 -0.77 0.00	32.80 -0.86 0.00	40.95 -1.15 0.00	34.68 -1.14 0.00	42.06 -1.50 0.00	48.44 -1.75 0.00	44.01 -1.59 0.00	48.25 -1.69 0.00	44.78 -1.64 0.00	46.96 -1.71 0.00	44.30 -1.57 0.00	44.39 -1.57 0.00	48.92 -1.78 0.00	45.95 -1.61 0.00	49.23 -1.74 0.00	46.97 -1.65 0.00	57.49 -1.97 0.00	45.05 -1.51 0.00	42.46 -1.40 0.00	38.80 -1.37 0.00	27.34 -0.98 0.00
NM_CAPITAL___DRP 24208	42.74 1.08 0.00	32.85 0.90 0.00	28.67 0.80 0.00	29.73 0.72 0.00	34.32 0.66 0.00	42.71 0.62 0.00	36.46 0.64 0.00	44.58 1.03 0.00	51.27 1.08 0.00	46.65 1.05 0.00	50.93 0.99 0.00	47.52 1.10 0.00	49.84 1.16 0.00	46.96 1.09 0.00	47.14 1.17 0.00	51.89 1.20 0.00	48.66 1.10 0.00	52.16 1.19 0.00	49.80 1.18 0.00	60.89 1.43 0.00	47.54 0.99 0.00	44.78 0.93 0.00	41.12 0.95 0.00	29.04 0.73 0.00
NM_CENTRAL___DRP 24181	41.29 -0.37 0.00	31.74 -0.20 0.00	27.66 -0.21 0.00	28.74 -0.27 0.00	33.40 -0.26 0.00	41.72 -0.37 0.00	35.51 -0.31 0.00	43.06 -0.50 0.00	49.41 -0.78 0.00	44.88 -0.72 0.00	49.24 -0.69 0.00	45.69 -0.72 0.00	47.93 -0.75 0.00	45.25 -0.62 0.00	45.33 -0.63 0.00	49.92 -0.77 0.00	46.92 -0.64 0.00	50.27 -0.70 0.00	47.95 -0.67 0.00	58.77 -0.70 0.00	46.03 -0.52 0.00	43.40 -0.46 0.00	39.63 -0.55 0.00	27.88 -0.43 0.00

NM_FRONTIER___DRP 24179	39.09 -2.57 0.00	30.17 -1.78 0.00	26.27 -1.60 0.00	27.31 -1.70 0.00	32.08 -1.58 0.00	39.93 -2.16 0.00	33.42 -2.40 0.00	39.31 -4.24 0.00	45.10 -5.09 0.00	41.29 -4.31 0.00	46.40 -3.54 0.00	42.66 -3.75 0.00	44.76 -3.91 0.00	42.42 -3.45 0.00	42.24 -3.73 0.00	46.07 -4.62 0.00	43.02 -4.54 0.00	45.81 -5.17 0.00	43.80 -4.82 0.00	54.27 -5.20 0.00	42.94 -3.61 0.00	41.03 -2.83 0.00	37.16 -3.02 0.00	26.08 -2.23 0.00
NM_ST_REGIS___HYD 24053	39.94 -1.72 0.00	30.39 -1.55 0.00	26.60 -1.26 0.00	27.99 -1.02 0.00	32.73 -0.94 0.00	41.36 -0.74 0.00	35.23 -0.60 0.00	42.59 -0.96 0.00	49.54 -0.65 0.00	44.93 -0.67 0.00	49.35 -0.59 0.00	45.69 -0.73 0.00	47.68 -1.00 0.00	44.76 -1.11 0.00	44.85 -1.11 0.00	49.74 -0.96 0.00	46.22 -1.34 0.00	49.37 -1.60 0.00	47.12 -1.50 0.00	58.02 -1.45 0.00	45.27 -1.28 0.00	42.45 -1.41 0.00	38.77 -1.41 0.00	17.95 -1.12 9.24
NORTHPORT___1 23551	44.46 3.49 0.70	34.29 2.34 0.00	29.84 1.98 0.00	30.84 1.83 0.00	35.42 1.76 0.00	44.04 1.94 0.00	37.67 1.86 0.00	45.93 2.37 0.00	52.92 2.74 0.00	48.50 2.68 -0.23	54.41 3.14 -1.33	50.51 3.07 -1.02	57.39 3.39 -5.33	51.73 3.10 -2.76	50.89 3.21 -1.72	55.24 3.06 -1.49	43.55 3.14 7.15	56.79 3.26 -2.56	65.26 3.13 -13.51	81.02 3.52 -18.03	66.88 2.66 -17.67	41.19 2.48 5.15	45.20 2.65 -2.38	34.54 1.97 -4.26
NORTHPORT___2 23552	44.46 3.49 0.70	34.29 2.34 0.00	29.84 1.98 0.00	30.84 1.83 0.00	35.42 1.76 0.00	44.04 1.94 0.00	37.67 1.86 0.00	45.93 2.37 0.00	52.92 2.74 0.00	48.50 2.68 -0.23	54.41 3.14 -1.33	50.51 3.07 -1.02	57.39 3.39 -5.33	51.73 3.10 -2.76	50.89 3.21 -1.72	55.24 3.06 -1.49	43.55 3.14 7.15	56.79 3.26 -2.56	65.26 3.13 -13.51	81.02 3.52 -18.03	66.88 2.66 -17.67	41.19 2.48 5.15	45.20 2.65 -2.38	34.54 1.97 -4.26
NORTHPORT___3 23553	44.21 3.26 0.72	34.10 2.16 0.00	29.68 1.82 0.00	30.71 1.70 0.00	35.28 1.62 0.00	43.91 1.81 0.00	37.62 1.80 0.00	45.92 2.36 0.00	52.88 2.69 0.00	48.47 2.64 -0.23	54.32 3.06 -1.32	50.22 2.99 -0.82	56.95 3.32 -4.95	51.65 3.08 -2.69	50.82 3.15 -1.71	55.21 3.03 -1.48	42.61 3.09 8.04	56.76 3.24 -2.55	65.11 3.04 -13.44	80.99 3.46 -18.07	66.60 2.58 -17.47	40.48 2.39 5.76	44.35 2.47 -1.70	34.29 1.82 -4.16
NORTHPORT___4 23650	44.21 3.26 0.72	34.10 2.16 0.00	29.68 1.82 0.00	30.71 1.70 0.00	35.28 1.62 0.00	43.91 1.81 0.00	37.62 1.80 0.00	45.92 2.36 0.00	52.88 2.69 0.00	48.47 2.64 -0.23	54.32 3.06 -1.32	50.22 2.99 -0.82	56.95 3.32 -4.95	51.65 3.08 -2.69	50.82 3.15 -1.71	55.21 3.03 -1.48	42.61 3.09 8.04	56.76 3.24 -2.55	65.11 3.04 -13.44	80.99 3.46 -18.07	66.60 2.58 -17.47	40.48 2.39 5.76	44.35 2.47 -1.70	34.29 1.82 -4.16
NORTHPORT___IC 23718	44.46 3.50 0.70	34.29 2.34 0.00	29.85 1.98 0.00	30.84 1.83 0.00	35.42 1.76 0.00	44.04 1.94 0.00	37.68 1.86 0.00	45.92 2.37 0.00	52.92 2.73 0.00	48.52 2.69 -0.23	54.41 3.14 -1.33	50.51 3.07 -1.02	57.40 3.41 -5.33	51.72 3.09 -2.76	50.89 3.21 -1.72	55.24 3.06 -1.49	43.59 3.18 7.15	56.80 3.27 -2.56	65.28 3.14 -13.51	81.03 3.53 -18.03	66.90 2.68 -17.67	41.23 2.53 5.15	45.19 2.64 -2.38	34.53 1.96 -4.26
NORTH___COUNTRY_ESR 323785	40.58 -1.08 0.00	30.87 -1.08 0.00	26.96 -0.91 0.00	28.26 -0.75 0.00	33.07 -0.59 0.00	41.68 -0.42 0.00	35.51 -0.31 0.00	43.11 -0.44 0.00	50.18 -0.01 0.00	45.64 0.04 0.00	50.18 0.24 0.00	46.55 0.14 0.00	48.56 -0.12 0.00	45.37 -0.50 0.00	45.32 -0.64 0.00	50.22 -0.47 0.00	46.53 -1.03 0.00	49.65 -1.33 0.00	47.40 -1.22 0.00	58.27 -1.20 0.00	45.48 -1.07 0.00	42.51 -1.35 0.00	38.87 -1.31 0.00	16.27 -1.03 11.02
NPX_GEN_1385_PROXY 323591	44.45 3.49 0.70	34.28 2.34 0.00	29.84 1.98 0.00	30.83 1.83 0.00	35.41 1.75 0.00	44.03 1.94 0.00	37.67 1.86 0.00	46.02 2.46 0.00	53.02 2.83 0.00	48.50 2.67 -0.23	54.41 3.14 -1.33	50.49 3.05 -1.02	57.36 3.36 -5.33	51.28 2.66 -2.76	50.76 3.08 -1.72	55.10 2.92 -1.49	43.49 3.08 7.15	56.58 3.05 -2.56	65.14 3.00 -13.51	80.95 3.46 -18.03	66.85 2.62 -17.67	40.76 2.06 5.15	45.18 2.63 -2.38	35.69 1.89 -5.48
NPX_GEN_CSC 323557	44.99 3.94 0.60	34.52 2.58 0.00	30.05 2.19 0.00	30.99 1.98 0.00	35.57 1.91 0.00	44.31 2.21 0.00	37.96 2.14 0.00	46.29 2.73 0.00	53.35 3.17 0.00	49.09 3.22 -0.27	55.59 4.06 -1.59	51.56 3.92 -1.22	59.78 4.28 -6.82	53.16 3.82 -3.47	51.95 3.95 -2.02	56.15 3.69 -1.76	45.14 3.71 6.12	57.91 3.92 -3.02	66.24 3.74 -13.87	81.98 4.26 -18.25	67.60 3.20 -17.85	41.42 2.95 5.39	46.22 2.98 -3.07	36.53 2.13 -6.08
NSINS_S_GLNS_FALLS 23858	43.92 2.26 0.00	33.77 1.83 0.00	29.47 1.61 0.00	30.55 1.54 0.00	35.30 1.64 0.00	44.08 1.98 0.00	37.79 1.97 0.00	46.39 2.83 0.00	53.18 2.99 0.00	48.21 2.61 0.00	52.58 2.64 0.00	48.93 2.51 0.00	51.31 2.64 0.00	48.32 2.46 0.00	48.45 2.48 0.00	53.48 2.78 0.00	50.51 2.95 0.00	54.34 3.37 0.00	51.83 3.21 0.00	63.50 4.03 0.00	49.37 2.82 0.00	46.40 2.54 0.00	42.54 2.36 0.00	29.93 1.62 0.00
NUCOR_STEEL___DRP 24197	41.77 0.11 0.00	32.16 0.22 0.00	27.99 0.13 0.00	29.11 0.10 0.00	33.72 0.05 0.00	42.14 0.05 0.00	36.32 0.50 0.00	44.03 0.47 0.00	49.68 -0.51 0.00	45.05 -0.55 0.00	49.30 -0.64 0.00	45.74 -0.67 0.00	48.00 -0.67 0.00	45.32 -0.55 0.00	45.38 -0.58 0.00	50.29 -0.40 0.00	47.25 -0.30 0.00	50.65 -0.32 0.00	48.35 -0.27 0.00	59.06 -0.41 0.00	46.43 -0.12 0.00	43.80 -0.05 0.00	39.95 -0.23 0.00	28.12 -0.20 0.00
NUMBER_THREE_WT_PWR 323818	41.31 -0.35 0.00	31.68 -0.26 0.00	27.54 -0.33 0.00	28.67 -0.34 0.00	33.46 -0.21 0.00	42.29 0.19 0.00	36.03 0.20 0.00	43.68 0.12 0.00	50.15 -0.04 0.00	45.25 -0.35 0.00	49.72 -0.22 0.00	45.74 -0.67 0.00	47.48 -1.19 0.00	44.78 -1.08 0.00	44.96 -1.01 0.00	50.13 -0.57 0.00	46.70 -0.85 0.00	49.67 -1.30 0.00	47.70 -0.92 0.00	59.14 -0.32 0.00	45.55 -1.00 0.00	42.25 -1.61 0.00	38.48 -1.70 0.00	24.78 -1.27 2.26
NYISO_LBMP_REFERENCE 24008	41.66 0.00 0.00	31.94 0.00 0.00	27.87 0.00 0.00	29.01 0.00 0.00	33.66 0.00 0.00	42.10 0.00 0.00	35.82 0.00 0.00	43.55 0.00 0.00	50.18 0.00 0.00	45.60 0.00 0.00	49.94 0.00 0.00	46.41 0.00 0.00	48.67 0.00 0.00	45.87 0.00 0.00	45.97 0.00 0.00	50.69 0.00 0.00	47.56 0.00 0.00	50.98 0.00 0.00	48.63 0.00 0.00	59.47 0.00 0.00	46.55 0.00 0.00	43.86 0.00 0.00	40.18 0.00 0.00	28.31 0.00 0.00
NYPA_BRENTWD____GT 24164	45.03 3.86 0.49	34.55 2.61 0.00	30.07 2.21 0.00	31.07 2.06 0.00	35.71 2.05 0.00	44.46 2.36 0.00	38.08 2.25 0.00	46.48 2.92 0.00	53.56 3.37 0.00	49.20 3.28 -0.32	55.69 3.84 -1.91	51.92 3.72 -1.79	61.93 4.13 -9.13	54.06 3.81 -4.38	52.23 3.86 -2.40	56.55 3.77 -2.08	47.69 3.78 3.65	58.55 4.00 -3.58	67.06 3.83 -14.61	82.36 4.16 -18.73	68.32 3.08 -18.69	42.23 3.08 4.70	48.25 3.09 -4.98	36.30 2.25 -5.74

NYPA_GOWANUS____GT5 24156	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
NYPA_GOWANUS____GT6 24157	44.47 2.80 0.00	34.01 2.07 0.00	29.60 1.74 0.00	30.62 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.90 2.08 0.00	46.67 2.76 -0.35	53.23 3.04 0.00	48.54 2.94 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.30 0.00	49.02 3.15 0.00	49.21 3.25 0.00	53.96 3.26 0.00	50.77 3.21 0.00	54.45 3.47 0.00	51.92 3.29 0.00	63.41 3.94 0.00	49.57 3.01 0.00	47.76 2.72 -1.18	46.07 2.64 -3.26	39.12 1.96 -8.84
NYPA_HARLEM__RVR__GT1 24160	44.17 2.51 0.00	33.90 1.95 0.00	29.58 1.71 0.00	30.51 1.50 0.00	35.19 1.53 0.00	43.80 1.71 0.00	37.71 1.89 0.00	46.09 2.54 0.00	52.94 2.76 0.00	48.14 2.54 0.00	52.64 2.70 0.00	48.99 2.58 0.00	51.76 3.09 0.00	49.07 3.21 0.00	49.22 3.25 0.00	54.09 3.40 0.00	50.91 3.35 0.00	54.50 3.53 0.00	51.92 3.30 0.00	63.39 3.93 0.00	49.61 3.05 0.00	46.63 2.77 0.00	42.94 2.77 0.00	30.42 2.10 0.00
NYPA_HARLEM__RVR__GT2 24161	44.17 2.51 0.00	33.90 1.95 0.00	29.58 1.71 0.00	30.51 1.50 0.00	35.19 1.53 0.00	43.80 1.71 0.00	37.71 1.89 0.00	46.09 2.54 0.00	52.94 2.76 0.00	48.14 2.54 0.00	52.64 2.70 0.00	48.99 2.58 0.00	51.76 3.09 0.00	49.07 3.21 0.00	49.22 3.25 0.00	54.09 3.40 0.00	50.91 3.35 0.00	54.50 3.53 0.00	51.92 3.30 0.00	63.39 3.93 0.00	49.61 3.05 0.00	46.63 2.77 0.00	42.94 2.77 0.00	30.42 2.10 0.00
NYPA_KENT____GT 24152	44.42 2.76 0.00	33.99 2.04 0.00	29.59 1.72 0.00	30.61 1.61 0.00	35.31 1.65 0.00	44.00 1.91 0.00	37.88 2.05 0.00	46.52 2.76 -0.21	53.27 3.08 0.00	48.54 2.94 0.00	53.07 3.13 0.00	49.45 3.04 0.00	51.96 3.29 0.00	49.00 3.13 0.00	49.21 3.24 0.00	53.97 3.28 0.00	50.76 3.21 0.00	54.41 3.44 0.00	51.88 3.26 0.00	63.34 3.88 0.00	49.51 2.95 0.00	47.26 2.68 -0.72	44.76 2.61 -1.97	35.62 1.95 -5.36
NYPA_POUCH1____GT 24155	44.47 2.81 0.00	34.02 2.08 0.00	29.61 1.74 0.00	30.64 1.64 0.00	35.35 1.68 0.00	44.03 1.94 0.00	37.89 2.07 0.00	46.49 2.59 -0.35	52.98 2.80 0.00	48.38 2.78 0.00	52.83 2.89 0.00	49.27 2.86 0.00	51.78 3.11 0.00	48.85 2.98 0.00	49.07 3.11 0.00	53.74 3.05 0.00	50.61 3.06 0.00	54.27 3.29 0.00	51.76 3.14 0.00	63.26 3.80 0.00	49.47 2.92 0.00	47.66 2.62 -1.18	45.97 2.54 -3.26	39.08 1.92 -8.84
NYPA_VERNON____GT2 24162	44.39 2.73 0.00	33.96 2.02 0.00	29.57 1.71 0.00	30.59 1.59 0.00	35.28 1.62 0.00	43.98 1.88 0.00	37.84 2.02 0.00	46.39 2.76 -0.07	53.31 3.12 0.00	48.53 2.93 0.00	53.09 3.15 0.00	49.45 3.03 0.00	51.96 3.29 0.00	48.99 3.13 0.00	49.19 3.23 0.00	53.99 3.30 0.00	50.76 3.20 0.00	54.43 3.45 0.00	51.90 3.27 0.00	63.32 3.85 0.00	49.48 2.93 0.00	46.76 2.65 -0.25	43.45 2.58 -0.69	32.12 1.93 -1.87
NYPA_VERNON____GT3 24163	44.39 2.73 0.00	33.96 2.02 0.00	29.57 1.71 0.00	30.59 1.59 0.00	35.28 1.62 0.00	43.98 1.88 0.00	37.84 2.02 0.00	46.39 2.76 -0.07	53.31 3.12 0.00	48.53 2.93 0.00	53.09 3.15 0.00	49.45 3.03 0.00	51.96 3.29 0.00	48.99 3.13 0.00	49.19 3.23 0.00	53.99 3.30 0.00	50.76 3.20 0.00	54.43 3.45 0.00	51.90 3.27 0.00	63.32 3.85 0.00	49.48 2.93 0.00	46.76 2.65 -0.25	43.45 2.58 -0.69	32.12 1.93 -1.87
NYPA____ASTORIA_CC1 323568	44.32 2.67 0.00	33.91 1.96 0.00	29.53 1.66 0.00	30.54 1.53 0.00	35.23 1.57 0.00	43.91 1.82 0.00	37.77 1.95 0.00	46.23 2.67 0.00	53.22 3.03 0.00	48.45 2.85 0.00	52.99 3.05 0.00	49.36 2.95 0.00	51.86 3.19 0.00	48.90 3.04 0.00	49.10 3.13 0.00	53.89 3.20 0.00	50.66 3.11 0.00	54.34 3.36 0.00	51.81 3.19 0.00	63.21 3.74 0.00	49.40 2.85 0.00	46.43 2.58 0.00	42.70 2.52 0.00	30.21 1.89 0.00
NYPA____ASTORIA_CC2 323569	44.32 2.67 0.00	33.91 1.96 0.00	29.53 1.66 0.00	30.54 1.53 0.00	35.23 1.57 0.00	43.91 1.82 0.00	37.77 1.95 0.00	46.23 2.67 0.00	53.22 3.03 0.00	48.45 2.85 0.00	52.99 3.05 0.00	49.36 2.95 0.00	51.86 3.19 0.00	48.90 3.04 0.00	49.10 3.13 0.00	53.89 3.20 0.00	50.66 3.11 0.00	54.34 3.36 0.00	51.81 3.19 0.00	63.21 3.74 0.00	49.40 2.85 0.00	46.43 2.58 0.00	42.70 2.52 0.00	30.21 1.89 0.00
NYPA____HOLTSVILL 23794	44.73 3.68 0.61	34.39 2.44 0.00	29.95 2.08 0.00	30.92 1.91 0.00	35.52 1.85 0.00	44.20 2.10 0.00	37.83 2.01 0.00	46.11 2.56 0.00	53.12 2.93 0.00	48.80 2.93 -0.26	55.04 3.53 -1.56	51.02 3.43 -1.18	59.09 3.78 -6.63	52.72 3.46 -3.39	51.51 3.55 -1.99	55.79 3.36 -1.73	44.65 3.40 6.31	57.54 3.59 -2.97	65.85 3.42 -13.81	81.51 3.83 -18.21	67.23 2.89 -17.79	41.14 2.72 5.44	45.88 2.79 -2.91	35.13 2.02 -4.79
NYPA____HELLGATE_GT1 24158	44.17 2.51 0.00	33.90 1.95 0.00	29.58 1.71 0.00	30.51 1.50 0.00	35.19 1.53 0.00	43.80 1.71 0.00	37.71 1.89 0.00	46.09 2.54 0.00	52.94 2.76 0.00	48.14 2.54 0.00	52.64 2.70 0.00	48.99 2.58 0.00	51.76 3.09 0.00	49.07 3.21 0.00	49.22 3.25 0.00	54.06 3.36 0.00	50.89 3.34 0.00	54.50 3.53 0.00	51.93 3.30 0.00	63.44 3.98 0.00	49.63 3.08 0.00	46.63 2.77 0.00	42.94 2.77 0.00	30.42 2.10 0.00
NYPA____HELLGATE_GT2 24159	44.17 2.51 0.00	33.90 1.95 0.00	29.58 1.71 0.00	30.51 1.50 0.00	35.19 1.53 0.00	43.80 1.71 0.00	37.71 1.89 0.00	46.09 2.54 0.00	52.94 2.76 0.00	48.14 2.54 0.00	52.64 2.70 0.00	48.99 2.58 0.00	51.76 3.09 0.00	49.07 3.21 0.00	49.22 3.25 0.00	54.06 3.36 0.00	50.89 3.34 0.00	54.50 3.53 0.00	51.93 3.30 0.00	63.44 3.98 0.00	49.63 3.08 0.00	46.63 2.77 0.00	42.94 2.77 0.00	30.42 2.10 0.00
NYS_BARGE____HYD 23848	39.47 -2.19 0.00	30.38 -1.56 0.00	26.47 -1.39 0.00	27.58 -1.43 0.00	32.49 -1.17 0.00	40.27 -1.82 0.00	33.75 -2.07 0.00	39.98 -3.58 0.00	45.98 -4.20 0.00	42.11 -3.49 0.00	47.20 -2.74 0.00	43.35 -3.06 0.00	45.47 -3.20 0.00	43.04 -2.83 0.00	42.85 -3.11 0.00	46.73 -3.96 0.00	43.70 -3.87 0.00	46.57 -4.41 0.00	44.63 -3.99 0.00	55.31 -4.16 0.00	43.77 -2.78 0.00	41.80 -2.05 0.00	37.77 -2.40 0.00	26.53 -1.79 0.00
OAK ORCHARD____HYD 24046	40.63 -1.04 0.00	31.22 -0.72 0.00	27.20 -0.67 0.00	28.28 -0.73 0.00	33.05 -0.61 0.00	41.27 -0.82 0.00	34.88 -0.94 0.00	41.91 -1.64 0.00	48.24 -1.95 0.00	43.98 -1.62 0.00	48.76 -1.18 0.00	44.93 -1.48 0.00	47.14 -1.53 0.00	44.54 -1.32 0.00	44.49 -1.48 0.00	48.73 -1.96 0.00	45.73 -1.83 0.00	48.95 -2.03 0.00	46.79 -1.84 0.00	57.67 -1.80 0.00	45.38 -1.18 0.00	43.01 -0.84 0.00	39.03 -1.14 0.00	27.38 -0.93 0.00

OAKDALE___35_KV_LOAD 356122	41.82 0.16 0.00	32.29 0.34 0.00	28.04 0.18 0.00	29.16 0.15 0.00	33.89 0.22 0.00	42.28 0.19 0.00	35.89 0.07 0.00	43.62 0.06 0.00	50.16 -0.03 0.00	45.62 0.02 0.00	50.06 0.12 0.00	46.34 -0.07 0.00	48.70 0.03 0.00	45.95 0.08 0.00	46.02 0.05 0.00	50.49 -0.20 0.00	47.49 -0.07 0.00	50.82 -0.15 0.00	48.38 -0.24 0.00	59.46 -0.01 0.00	46.48 -0.07 0.00	43.96 0.10 0.00	40.06 -0.11 0.00	28.23 -0.08 0.00
OCC_CHEM___DRP 24175	39.20 -2.46 0.00	30.23 -1.71 0.00	26.33 -1.54 0.00	27.37 -1.64 0.00	32.16 -1.50 0.00	40.04 -2.06 0.00	33.50 -2.32 0.00	39.44 -4.11 0.00	45.25 -4.93 0.00	41.43 -4.18 0.00	46.55 -3.39 0.00	42.80 -3.61 0.00	44.91 -3.76 0.00	42.55 -3.31 0.00	42.37 -3.59 0.00	46.22 -4.47 0.00	43.16 -4.40 0.00	45.96 -5.01 0.00	43.95 -4.67 0.00	54.46 -5.01 0.00	43.09 -3.46 0.00	41.17 -2.69 0.00	37.28 -2.90 0.00	26.16 -2.15 0.00
OH_GEN_PROXY 24063	39.37 -2.29 0.00	30.31 -1.63 0.00	26.39 -1.47 0.00	27.44 -1.57 0.00	32.22 -1.44 0.00	40.11 -1.99 0.00	33.60 -2.23 0.00	39.84 -3.72 0.00	45.80 -4.39 0.00	41.91 -3.69 0.00	46.97 -2.97 0.00	43.19 -3.22 0.00	45.35 -3.33 0.00	42.93 -2.93 0.00	42.76 -3.21 0.00	73.40 -4.03 -26.73	43.64 -3.92 0.00	46.47 -4.51 0.00	44.44 -4.19 0.00	55.05 -4.41 0.00	43.50 -3.05 0.00	41.52 -2.33 0.00	55.10 -2.60 -17.52	27.60 -1.93 -1.22
OLIN_CORP_DRP 24177	39.02 -2.64 0.00	30.01 -1.93 0.00	26.16 -1.71 0.00	27.27 -1.74 0.00	32.16 -1.50 0.00	39.77 -2.33 0.00	33.28 -2.54 0.00	39.33 -4.22 0.00	45.25 -4.94 0.00	41.42 -4.18 0.00	46.56 -3.38 0.00	42.79 -3.63 0.00	44.85 -3.82 0.00	42.49 -3.37 0.00	42.30 -3.67 0.00	46.12 -4.58 0.00	43.07 -4.49 0.00	45.89 -5.08 0.00	43.94 -4.68 0.00	54.45 -5.02 0.00	43.10 -3.45 0.00	41.20 -2.66 0.00	37.26 -2.92 0.00	26.19 -2.12 0.00
OLIN_CORP_DSASP 323712	39.19 -2.47 0.00	30.23 -1.71 0.00	26.33 -1.53 0.00	27.37 -1.63 0.00	32.16 -1.51 0.00	40.03 -2.07 0.00	33.50 -2.32 0.00	39.43 -4.12 0.00	45.25 -4.94 0.00	41.44 -4.16 0.00	46.56 -3.38 0.00	42.81 -3.61 0.00	44.92 -3.75 0.00	42.55 -3.31 0.00	42.37 -3.59 0.00	46.23 -4.47 0.00	43.21 -4.35 0.00	45.96 -5.01 0.00	43.96 -4.66 0.00	54.46 -5.01 0.00	43.10 -3.45 0.00	41.19 -2.67 0.00	37.27 -2.91 0.00	26.17 -2.15 0.00
ONEIDA_HERK_LFGE 323681	42.02 0.36 0.00	32.24 0.29 0.00	28.06 0.19 0.00	29.18 0.17 0.00	33.95 0.28 0.00	42.65 0.55 0.00	36.36 0.54 0.00	44.18 0.63 0.00	50.83 0.64 0.00	46.01 0.40 0.00	50.38 0.44 0.00	46.63 0.22 0.00	48.71 0.04 0.00	45.95 0.09 0.00	46.10 0.14 0.00	51.08 0.38 0.00	47.88 0.32 0.00	51.19 0.21 0.00	48.99 0.37 0.00	60.27 0.80 0.00	46.83 0.28 0.00	43.82 -0.03 0.00	39.99 -0.18 0.00	27.45 -0.19 0.68
ONEIDA___115KV_TB4 55905	42.39 0.73 0.00	32.57 0.62 0.00	28.35 0.48 0.00	29.48 0.47 0.00	34.24 0.57 0.00	42.88 0.78 0.00	36.59 0.77 0.00	44.49 0.94 0.00	51.14 0.95 0.00	46.30 0.70 0.00	50.61 0.67 0.00	46.99 0.58 0.00	49.27 0.59 0.00	46.48 0.62 0.00	46.60 0.64 0.00	51.53 0.83 0.00	48.46 0.90 0.00	51.93 0.95 0.00	49.62 0.99 0.00	60.84 1.37 0.00	47.50 0.95 0.00	44.65 0.80 0.00	40.73 0.56 0.00	28.65 0.34 0.00
ONONDAGA_REF_OCCRA 23987	41.54 -0.12 0.00	31.94 0.00 0.00	27.82 -0.04 0.00	28.92 -0.09 0.00	33.60 -0.06 0.00	41.98 -0.12 0.00	35.81 -0.02 0.00	43.42 -0.14 0.00	49.75 -0.44 0.00	45.16 -0.44 0.00	49.53 -0.41 0.00	45.94 -0.47 0.00	48.22 -0.45 0.00	45.53 -0.34 0.00	45.63 -0.34 0.00	50.26 -0.43 0.00	47.22 -0.33 0.00	50.60 -0.37 0.00	48.28 -0.34 0.00	59.19 -0.28 0.00	46.36 -0.19 0.00	43.70 -0.15 0.00	39.88 -0.29 0.00	28.07 -0.25 0.00
ONONDAGA___COGEN 23986	41.48 -0.18 0.00	31.89 -0.06 0.00	27.79 -0.08 0.00	28.88 -0.13 0.00	33.54 -0.12 0.00	41.92 -0.17 0.00	35.99 0.17 0.00	43.63 0.07 0.00	49.51 -0.68 0.00	44.95 -0.65 0.00	49.27 -0.67 0.00	45.72 -0.69 0.00	47.96 -0.71 0.00	45.29 -0.58 0.00	45.36 -0.60 0.00	50.02 -0.67 0.00	47.01 -0.55 0.00	50.38 -0.59 0.00	48.07 -0.56 0.00	58.87 -0.60 0.00	46.15 -0.41 0.00	43.49 -0.37 0.00	39.70 -0.48 0.00	27.94 -0.38 0.00
ONTARIO___LFGE 23819	41.43 -0.23 0.00	31.96 0.02 0.00	27.76 -0.11 0.00	28.89 -0.11 0.00	33.68 0.02 0.00	42.14 0.05 0.00	36.04 0.21 0.00	44.30 0.75 0.00	50.41 0.23 0.00	45.94 0.34 0.00	50.05 0.11 0.00	46.31 -0.10 0.00	48.63 -0.04 0.00	45.52 -0.35 0.00	45.42 -0.55 0.00	49.81 -0.89 0.00	46.99 -0.57 0.00	50.32 -0.65 0.00	47.86 -0.76 0.00	58.80 -0.66 0.00	46.19 -0.36 0.00	43.75 -0.10 0.00	39.70 -0.47 0.00	27.90 -0.42 0.00
ORANGEVILLE_WT_PWR 323706	39.85 -1.81 0.00	30.95 -0.99 0.00	26.84 -1.02 0.00	28.00 -1.01 0.00	32.91 -0.76 0.00	41.02 -1.08 0.00	34.49 -1.33 0.00	41.20 -2.36 0.00	47.33 -2.86 0.00	43.24 -2.36 0.00	47.97 -1.96 0.00	44.04 -2.37 0.00	46.36 -2.31 0.00	43.87 -1.99 0.00	43.52 -2.45 0.00	47.55 -3.15 0.00	44.58 -2.98 0.00	47.76 -3.22 0.00	45.52 -3.11 0.00	56.28 -3.19 0.00	44.23 -2.32 0.00	42.23 -1.62 0.00	38.06 -2.11 0.00	26.74 -1.57 0.00
ORANGEVILLE___ESR 323794	39.85 -1.81 0.00	30.95 -0.99 0.00	26.84 -1.02 0.00	28.00 -1.01 0.00	32.91 -0.76 0.00	41.02 -1.08 0.00	34.49 -1.33 0.00	41.20 -2.36 0.00	47.33 -2.86 0.00	43.24 -2.36 0.00	47.97 -1.96 0.00	44.04 -2.37 0.00	46.36 -2.31 0.00	43.87 -1.99 0.00	43.52 -2.45 0.00	47.55 -3.15 0.00	44.58 -2.98 0.00	47.76 -3.22 0.00	45.52 -3.11 0.00	56.28 -3.19 0.00	44.23 -2.32 0.00	42.23 -1.62 0.00	38.06 -2.11 0.00	26.74 -1.57 0.00
OSWEGATCHIE___HYD 24044	40.05 -1.61 0.00	30.66 -1.29 0.00	26.76 -1.10 0.00	28.02 -0.99 0.00	32.73 -0.93 0.00	41.35 -0.74 0.00	35.24 -0.59 0.00	42.61 -0.94 0.00	49.23 -0.95 0.00	44.54 -1.06 0.00	48.89 -1.05 0.00	45.07 -1.35 0.00	46.89 -1.79 0.00	44.15 -1.72 0.00	44.29 -1.68 0.00	49.28 -1.42 0.00	45.93 -1.62 0.00	48.99 -1.98 0.00	46.90 -1.72 0.00	57.96 -1.51 0.00	44.97 -1.58 0.00	41.97 -1.88 0.00	38.27 -1.91 0.00	20.97 -1.45 5.90
OSWEGO___5 23606	40.81 -0.85 0.00	31.35 -0.59 0.00	27.33 -0.54 0.00	28.42 -0.59 0.00	33.00 -0.66 0.00	41.20 -0.89 0.00	34.85 -0.97 0.00	42.28 -1.28 0.00	48.74 -1.44 0.00	44.28 -1.32 0.00	48.54 -1.40 0.00	45.04 -1.37 0.00	47.24 -1.43 0.00	44.56 -1.30 0.00	44.64 -1.33 0.00	49.23 -1.47 0.00	46.23 -1.33 0.00	49.55 -1.43 0.00	47.27 -1.36 0.00	57.87 -1.60 0.00	45.34 -1.21 0.00	42.73 -1.12 0.00	39.06 -1.11 0.00	27.51 -0.81 0.00
OSWEGO___6 23613	40.81 -0.85 0.00	31.35 -0.59 0.00	27.33 -0.54 0.00	28.42 -0.59 0.00	33.00 -0.66 0.00	41.20 -0.89 0.00	34.85 -0.97 0.00	42.28 -1.28 0.00	48.74 -1.44 0.00	44.28 -1.32 0.00	48.54 -1.40 0.00	45.04 -1.37 0.00	47.24 -1.43 0.00	44.56 -1.30 0.00	44.64 -1.33 0.00	49.23 -1.47 0.00	46.23 -1.33 0.00	49.55 -1.43 0.00	47.27 -1.36 0.00	57.87 -1.60 0.00	45.34 -1.21 0.00	42.73 -1.12 0.00	39.06 -1.11 0.00	27.51 -0.81 0.00

OUTOKUMPU-AB___DRP 24206	39.78 -1.88 0.00	30.67 -1.27 0.00	26.69 -1.17 0.00	27.78 -1.23 0.00	32.67 -0.99 0.00	40.65 -1.45 0.00	34.09 -1.73 0.00	40.33 -3.22 0.00	46.37 -3.82 0.00	42.43 -3.17 0.00	47.58 -2.36 0.00	43.74 -2.67 0.00	45.93 -2.74 0.00	43.50 -2.37 0.00	43.32 -2.65 0.00	47.24 -3.46 0.00	44.11 -3.45 0.00	47.01 -3.97 0.00	44.98 -3.64 0.00	55.75 -3.72 0.00	44.09 -2.47 0.00	42.11 -1.75 0.00	38.05 -2.13 0.00	26.69 -1.63 0.00
OXBOW___BTM 323836	39.45 -2.21 0.00	30.43 -1.51 0.00	26.49 -1.37 0.00	27.55 -1.46 0.00	32.38 -1.28 0.00	40.31 -1.79 0.00	33.78 -2.05 0.00	39.86 -3.69 0.00	45.79 -4.39 0.00	41.93 -3.67 0.00	47.06 -2.88 0.00	43.26 -3.15 0.00	45.42 -3.25 0.00	43.01 -2.85 0.00	42.83 -3.14 0.00	46.72 -3.97 0.00	43.68 -3.88 0.00	46.49 -4.49 0.00	44.48 -4.14 0.00	55.10 -4.37 0.00	43.59 -2.96 0.00	41.65 -2.21 0.00	37.65 -2.53 0.00	26.41 -1.91 0.00
OXBOW___ 24026	39.46 -2.19 0.00	30.43 -1.51 0.00	26.49 -1.37 0.00	27.54 -1.46 0.00	32.38 -1.28 0.00	40.31 -1.79 0.00	33.78 -2.04 0.00	39.86 -3.69 0.00	45.80 -4.39 0.00	41.92 -3.68 0.00	47.05 -2.89 0.00	43.25 -3.17 0.00	45.41 -3.27 0.00	43.02 -2.85 0.00	42.84 -3.12 0.00	46.72 -3.98 0.00	43.63 -3.93 0.00	46.48 -4.49 0.00	44.46 -4.16 0.00	55.10 -4.37 0.00	43.57 -2.98 0.00	41.63 -2.23 0.00	37.65 -2.53 0.00	26.41 -1.90 0.00
OXY_CHEM_DSASP 323612	39.20 -2.46 0.00	30.23 -1.71 0.00	26.33 -1.54 0.00	27.37 -1.64 0.00	32.16 -1.50 0.00	40.04 -2.06 0.00	33.50 -2.32 0.00	39.44 -4.11 0.00	45.25 -4.93 0.00	41.43 -4.18 0.00	46.55 -3.39 0.00	42.80 -3.61 0.00	44.91 -3.76 0.00	42.55 -3.31 0.00	42.37 -3.59 0.00	46.22 -4.47 0.00	43.16 -4.40 0.00	45.96 -5.01 0.00	43.95 -4.67 0.00	54.46 -5.01 0.00	43.09 -3.46 0.00	41.17 -2.69 0.00	37.28 -2.90 0.00	26.16 -2.15 0.00
OZONE_PARK_ESR 323760	44.65 2.99 0.00	34.16 2.22 0.00	29.75 1.88 0.00	30.77 1.76 0.00	35.49 1.82 0.00	44.26 2.17 0.00	38.09 2.27 0.00	46.63 3.08 0.00	53.65 3.47 0.00	48.86 3.27 0.00	53.39 3.45 0.00	49.73 3.31 0.00	52.27 3.59 0.00	49.28 3.42 0.00	49.49 3.52 0.00	54.33 3.63 0.00	51.07 3.52 0.00	54.79 3.81 0.00	52.25 3.63 0.00	63.82 4.35 0.00	49.86 3.31 0.00	46.85 2.99 0.00	43.08 2.90 0.00	30.42 2.11 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	39.20 -2.46 0.00	30.23 -1.71 0.00	26.33 -1.54 0.00	27.37 -1.64 0.00	32.16 -1.50 0.00	40.04 -2.06 0.00	33.50 -2.32 0.00	39.44 -4.11 0.00	45.25 -4.93 0.00	41.43 -4.18 0.00	46.55 -3.39 0.00	42.80 -3.61 0.00	44.91 -3.76 0.00	42.55 -3.31 0.00	42.37 -3.59 0.00	46.22 -4.47 0.00	43.16 -4.40 0.00	45.96 -5.01 0.00	43.95 -4.67 0.00	54.46 -5.01 0.00	43.09 -3.46 0.00	41.17 -2.69 0.00	37.28 -2.90 0.00	26.16 -2.15 0.00
PACKARD___115KV_DUPONT_184 80571	39.20 -2.46 0.00	30.23 -1.71 0.00	26.33 -1.54 0.00	27.37 -1.64 0.00	32.16 -1.50 0.00	40.04 -2.06 0.00	33.50 -2.32 0.00	39.44 -4.11 0.00	45.25 -4.93 0.00	41.43 -4.18 0.00	46.55 -3.39 0.00	42.80 -3.61 0.00	44.91 -3.76 0.00	42.55 -3.31 0.00	42.37 -3.59 0.00	46.22 -4.47 0.00	43.16 -4.40 0.00	45.96 -5.01 0.00	43.95 -4.67 0.00	54.46 -5.01 0.00	43.09 -3.46 0.00	41.17 -2.69 0.00	37.28 -2.90 0.00	26.16 -2.15 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	44.20 2.54 0.00	33.94 1.99 0.00	29.61 1.75 0.00	30.54 1.53 0.00	35.23 1.57 0.00	43.88 1.78 0.00	37.76 1.95 0.00	46.17 2.61 0.00	52.95 2.76 0.00	48.15 2.55 0.00	52.67 2.73 0.00	48.98 2.57 0.00	51.87 3.20 0.00	49.16 3.29 0.00	49.28 3.32 0.00	54.15 3.46 0.00	51.00 3.44 0.00	54.55 3.58 0.00	52.03 3.41 0.00	63.56 4.09 0.00	49.73 3.18 0.00	46.68 2.83 0.00	43.08 2.90 0.00	30.49 2.18 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	45.33 3.67 0.00	34.81 2.87 0.00	30.41 2.54 0.00	31.37 2.37 0.00	36.19 2.53 0.00	45.13 3.03 0.00	38.85 3.03 0.00	47.43 3.87 0.00	54.13 3.94 0.00	49.17 3.57 0.00	53.82 3.88 0.00	49.96 3.55 0.00	52.84 4.17 0.00	50.16 4.29 0.00	50.30 4.33 0.00	55.26 4.57 0.00	52.01 4.45 0.00	55.59 4.62 0.00	53.00 4.38 0.00	64.84 5.37 0.00	50.70 4.15 0.00	47.58 3.72 0.00	43.88 3.70 0.00	31.07 2.75 0.00
PATROON___115KV_TB1 80586	42.75 1.09 0.00	32.87 0.93 0.00	28.68 0.82 0.00	29.75 0.74 0.00	34.35 0.68 0.00	42.75 0.65 0.00	36.51 0.69 0.00	44.62 1.07 0.00	51.30 1.11 0.00	46.65 1.05 0.00	50.93 0.99 0.00	47.50 1.09 0.00	49.84 1.16 0.00	46.96 1.09 0.00	47.13 1.16 0.00	51.93 1.23 0.00	48.74 1.18 0.00	52.27 1.29 0.00	49.84 1.22 0.00	60.94 1.48 0.00	47.59 1.04 0.00	44.82 0.97 0.00	41.14 0.96 0.00	29.07 0.75 0.00
PATTRSNVILLE___SOLAR 323815	43.35 1.69 0.00	33.30 1.36 0.00	29.04 1.17 0.00	30.15 1.14 0.00	34.91 1.25 0.00	43.60 1.51 0.00	37.17 1.35 0.00	45.36 1.81 0.00	52.02 1.83 0.00	47.18 1.58 0.00	51.52 1.58 0.00	47.90 1.49 0.00	50.21 1.54 0.00	47.27 1.40 0.00	47.40 1.43 0.00	52.40 1.70 0.00	49.31 1.75 0.00	52.95 1.98 0.00	50.61 1.99 0.00	61.96 2.50 0.00	48.44 1.88 0.00	45.59 1.73 0.00	41.75 1.57 0.00	29.41 1.09 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	40.15 -1.51 0.00	30.99 -0.96 0.00	26.88 -0.98 0.00	28.00 -1.01 0.00	32.87 -0.79 0.00	40.93 -1.17 0.00	34.38 -1.44 0.00	41.00 -2.56 0.00	47.22 -2.97 0.00	43.18 -2.42 0.00	48.23 -1.71 0.00	44.32 -2.09 0.00	46.61 -2.07 0.00	44.09 -1.78 0.00	43.95 -2.01 0.00	47.88 -2.81 0.00	44.75 -2.81 0.00	47.76 -3.22 0.00	45.62 -3.01 0.00	56.57 -2.90 0.00	44.58 -1.98 0.00	42.52 -1.33 0.00	38.42 -1.76 0.00	26.96 -1.35 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	44.26 2.60 0.00	33.91 1.96 0.00	29.53 1.67 0.00	30.58 1.57 0.00	35.28 1.62 0.00	44.01 1.91 0.00	37.75 1.93 0.00	46.23 2.67 0.00	53.21 3.02 0.00	48.44 2.84 0.00	52.98 3.04 0.00	49.32 2.90 0.00	51.80 3.13 0.00	48.83 2.96 0.00	49.00 3.03 0.00	53.89 3.20 0.00	50.68 3.12 0.00	54.38 3.41 0.00	51.91 3.29 0.00	63.48 4.01 0.00	49.54 2.99 0.00	46.58 2.72 0.00	42.73 2.56 0.00	30.13 1.82 0.00
PEEKSKILL___ 23653	43.89 2.23 0.00	33.62 1.67 0.00	29.26 1.40 0.00	30.32 1.31 0.00	34.98 1.32 0.00	43.61 1.51 0.00	37.44 1.62 0.00	45.78 2.23 0.00	52.68 2.49 0.00	47.94 2.35 0.00	52.43 2.49 0.00	48.83 2.42 0.00	51.30 2.62 0.00	48.34 2.48 0.00	48.52 2.56 0.00	53.37 2.68 0.00	50.17 2.61 0.00	53.86 2.89 0.00	51.38 2.76 0.00	62.83 3.37 0.00	49.01 2.46 0.00	46.11 2.25 0.00	42.37 2.20 0.00	29.89 1.58 0.00
PGE MADISON___WINDPWR 24146	43.36 1.70 0.00	33.61 1.66 0.00	29.32 1.46 0.00	30.45 1.44 0.00	35.39 1.73 0.00	44.47 2.37 0.00	38.10 2.28 0.00	46.40 2.85 0.00	53.17 2.99 0.00	48.14 2.54 0.00	52.21 2.27 0.00	48.25 1.83 0.00	50.64 1.97 0.00	47.83 1.96 0.00	47.45 1.48 0.00	52.48 1.78 0.00	49.09 1.53 0.00	52.70 1.72 0.00	50.25 1.62 0.00	61.35 1.88 0.00	48.29 1.73 0.00	45.27 1.42 0.00	41.42 1.25 0.00	29.03 0.72 0.00

PIERCEFIELD___HYD 23852	39.70 -1.96 0.00	30.24 -1.70 0.00	26.48 -1.39 0.00	27.88 -1.12 0.00	32.59 -1.07 0.00	41.19 -0.91 0.00	35.07 -0.75 0.00	42.35 -1.21 0.00	49.25 -0.94 0.00	44.65 -0.94 0.00	49.03 -0.91 0.00	45.38 -1.03 0.00	47.37 -1.30 0.00	44.54 -1.33 0.00	44.64 -1.33 0.00	49.47 -1.22 0.00	46.03 -1.52 0.00	49.16 -1.81 0.00	46.92 -1.70 0.00	57.75 -1.72 0.00	45.07 -1.48 0.00	42.30 -1.56 0.00	38.65 -1.53 0.00	18.19 -1.20 8.92
PINELAWN_CC_1 323563	45.49 3.62 -0.22	34.38 2.43 0.00	29.93 2.06 0.00	30.93 1.93 0.00	35.57 1.91 0.00	44.29 2.20 0.00	37.97 2.15 0.00	46.36 2.81 0.00	53.41 3.22 0.00	49.39 3.15 -0.64	57.51 3.62 -3.95	54.77 3.50 -4.85	75.93 3.90 -23.36	59.77 3.62 -10.27	54.10 3.66 -4.47	58.14 3.61 -3.84	59.49 3.60 -8.33	61.35 3.79 -6.57	70.41 3.61 -18.17	84.53 4.14 -20.92	72.04 3.14 -22.34	44.61 2.91 2.15	57.19 2.92 -14.09	40.74 2.11 -10.32
PJM_GEN_HTTP_PROXY 323702	44.23 2.57 0.00	33.70 1.91 0.15	29.49 1.62 0.00	30.51 1.50 0.00	35.19 1.53 0.00	43.89 1.79 0.00	37.71 1.89 0.00	46.18 2.62 0.00	53.13 2.94 0.00	48.36 2.76 0.00	52.83 2.89 0.00	49.21 2.80 0.00	51.72 3.05 0.00	48.77 2.90 0.00	48.97 3.00 0.00	53.76 3.06 0.00	50.53 2.97 0.00	54.21 3.24 0.00	51.72 3.10 0.00	63.16 3.69 0.00	49.33 2.78 0.00	46.36 2.50 0.00	42.65 2.47 0.00	30.13 1.82 0.00
PJM_GEN_KEystone 24065	42.06 0.41 0.00	32.20 0.41 0.15	28.08 0.21 0.00	29.16 0.15 0.00	33.86 0.19 0.00	42.17 0.08 0.00	35.90 0.08 0.00	43.52 -0.04 0.00	50.11 -0.07 0.00	45.68 0.08 0.00	50.32 0.38 0.00	46.61 0.20 0.00	49.03 0.36 0.00	46.25 0.38 0.00	46.32 0.35 0.00	50.72 0.02 0.00	47.59 0.03 0.00	50.90 -0.08 0.00	48.58 -0.04 0.00	59.78 0.31 0.00	46.73 0.17 0.00	44.24 0.38 0.00	40.39 0.21 0.00	28.47 0.16 0.00
PJM_GEN_NEPTUNE_PROXY 323594	43.69 3.11 1.08	33.87 2.08 0.15	29.61 1.75 0.00	30.63 1.63 0.00	35.24 1.58 0.00	43.88 1.79 0.00	37.61 1.79 0.00	45.94 2.39 0.00	52.91 2.73 0.00	48.30 2.64 -0.06	53.20 3.01 -0.26	47.85 2.93 1.49	48.60 3.25 3.32	48.58 3.08 0.37	49.54 3.10 -0.48	54.13 3.02 -0.42	33.02 3.07 17.61	54.88 3.19 -0.72	62.15 3.03 -10.50	78.98 3.47 -16.04	62.89 2.63 -13.71	37.02 2.40 9.24	36.57 2.41 6.02	31.12 1.78 -1.03
PJM_GEN_VFT_PROXY 323633	37.61 2.39 6.43	32.15 1.75 1.54	29.35 1.48 0.00	30.28 1.36 0.08	33.16 1.36 1.86	32.77 1.56 10.90	34.03 1.74 3.54	33.46 2.46 12.55	33.46 2.71 19.44	47.01 2.52 1.11	40.12 2.65 12.46	43.96 2.57 5.03	36.41 2.81 15.08	34.07 2.71 14.51	33.97 2.79 14.79	38.26 2.85 15.29	35.21 2.78 15.12	38.90 3.03 15.10	41.33 2.88 10.17	57.77 3.43 5.12	47.84 2.57 1.28	35.39 2.32 10.78	41.51 2.33 0.99	29.16 1.73 0.88
PLATSBURG_115KV_PMLD1 355749	41.08 -0.58 0.00	31.28 -0.66 0.00	27.33 -0.53 0.00	28.59 -0.42 0.00	33.51 -0.15 0.00	42.47 0.37 0.00	36.39 0.56 0.00	44.31 0.76 0.00	51.43 1.24 0.00	46.69 1.09 0.00	51.33 1.39 0.00	47.72 1.31 0.00	49.80 1.12 0.00	46.37 0.51 0.00	46.62 0.65 0.00	51.72 1.02 0.00	47.80 0.24 0.00	51.00 0.02 0.00	48.46 -0.16 0.00	59.71 0.25 0.00	46.55 0.00 0.00	43.44 -0.42 0.00	39.88 -0.30 0.00	16.77 -0.35 11.20
PLEASANTVLY___LBMP 24000	43.75 2.09 0.00	33.53 1.59 0.00	29.22 1.36 0.00	30.26 1.25 0.00	34.90 1.24 0.00	43.51 1.41 0.00	37.27 1.45 0.00	45.60 2.04 0.00	52.47 2.29 0.00	47.74 2.14 0.00	52.18 2.25 0.00	48.61 2.20 0.00	51.05 2.38 0.00	48.11 2.25 0.00	48.30 2.33 0.00	53.11 2.42 0.00	49.92 2.36 0.00	53.57 2.60 0.00	51.11 2.48 0.00	62.48 3.02 0.00	48.77 2.22 0.00	45.89 2.03 0.00	42.15 1.97 0.00	29.75 1.43 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	44.16 2.50 0.00	33.81 1.87 0.00	29.46 1.59 0.00	30.49 1.48 0.00	35.16 1.50 0.00	43.83 1.73 0.00	37.63 1.80 0.00	46.03 2.47 0.00	52.97 2.79 0.00	48.22 2.63 0.00	52.73 2.80 0.00	49.11 2.70 0.00	51.61 2.94 0.00	48.63 2.76 0.00	48.80 2.83 0.00	53.64 2.94 0.00	50.42 2.86 0.00	54.08 3.11 0.00	51.61 2.99 0.00	63.06 3.60 0.00	49.24 2.69 0.00	46.30 2.44 0.00	42.52 2.35 0.00	30.02 1.70 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	44.16 2.50 0.00	33.81 1.87 0.00	29.46 1.59 0.00	30.49 1.48 0.00	35.16 1.50 0.00	43.83 1.73 0.00	37.63 1.80 0.00	46.03 2.47 0.00	52.97 2.79 0.00	48.22 2.63 0.00	52.73 2.80 0.00	49.11 2.70 0.00	51.61 2.94 0.00	48.63 2.76 0.00	48.80 2.83 0.00	53.64 2.94 0.00	50.42 2.86 0.00	54.08 3.11 0.00	51.61 2.99 0.00	63.06 3.60 0.00	49.24 2.69 0.00	46.30 2.44 0.00	42.52 2.35 0.00	30.02 1.70 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	44.09 2.43 0.00	33.79 1.85 0.00	29.45 1.59 0.00	30.49 1.48 0.00	35.18 1.52 0.00	43.87 1.77 0.00	37.60 1.77 0.00	46.04 2.48 0.00	52.97 2.78 0.00	48.21 2.61 0.00	52.73 2.79 0.00	49.11 2.70 0.00	51.57 2.90 0.00	48.61 2.74 0.00	48.78 2.82 0.00	53.66 2.97 0.00	50.44 2.88 0.00	54.14 3.16 0.00	51.67 3.05 0.00	63.23 3.76 0.00	49.34 2.79 0.00	46.40 2.54 0.00	42.55 2.38 0.00	30.00 1.68 0.00
POLETTI_____ 23519	44.18 2.52 0.00	33.84 1.89 0.00	29.50 1.63 0.00	30.50 1.50 0.00	35.16 1.50 0.00	43.84 1.74 0.00	37.69 1.87 0.00	46.14 2.58 0.00	53.05 2.86 0.00	48.28 2.68 0.00	52.77 2.83 0.00	49.14 2.72 0.00	51.70 3.03 0.00	48.78 2.92 0.00	48.96 2.99 0.00	53.77 3.08 0.00	50.57 3.01 0.00	54.22 3.24 0.00	51.72 3.09 0.00	63.14 3.67 0.00	49.34 2.79 0.00	46.35 2.50 0.00	42.67 2.49 0.00	30.15 1.84 0.00
POMONA___ESR 323819	43.90 2.25 0.00	33.62 1.68 0.00	29.26 1.40 0.00	30.32 1.32 0.00	34.99 1.34 0.00	43.63 1.53 0.00	37.53 1.71 0.00	45.88 2.33 0.00	52.77 2.58 0.00	47.94 2.35 0.00	52.45 2.51 0.00	48.85 2.44 0.00	51.34 2.67 0.00	48.37 2.50 0.00	48.55 2.58 0.00	53.43 2.73 0.00	50.22 2.66 0.00	53.92 2.94 0.00	51.44 2.82 0.00	62.89 3.43 0.00	49.06 2.50 0.00	46.15 2.29 0.00	42.40 2.22 0.00	29.90 1.59 0.00
PORT_JEFF_3 23555	44.89 3.83 0.60	34.49 2.55 0.00	30.04 2.17 0.00	31.01 2.00 0.00	35.62 1.96 0.00	44.35 2.25 0.00	37.97 2.15 0.00	46.31 2.75 0.00	53.36 3.18 0.00	49.02 3.15 -0.27	55.32 3.78 -1.60	51.31 3.66 -1.24	59.59 4.04 -6.88	53.05 3.69 -3.49	51.78 3.78 -2.03	56.07 3.61 -1.77	45.12 3.63 6.07	57.86 3.85 -3.03	66.18 3.67 -13.89	81.79 4.06 -18.26	67.50 3.07 -17.87	41.42 2.94 5.38	46.26 2.97 -3.11	35.34 2.14 -4.88
PORT_JEFF_4 23616	44.89 3.83 0.60	34.49 2.55 0.00	30.04 2.17 0.00	31.01 2.00 0.00	35.62 1.96 0.00	44.35 2.25 0.00	37.97 2.15 0.00	46.31 2.75 0.00	53.36 3.18 0.00	49.02 3.15 -0.27	55.32 3.78 -1.60	51.31 3.66 -1.24	59.59 4.04 -6.88	53.05 3.69 -3.49	51.78 3.78 -2.03	56.07 3.61 -1.77	45.12 3.63 6.07	57.86 3.85 -3.03	66.18 3.67 -13.89	81.79 4.06 -18.26	67.50 3.07 -17.87	41.42 2.94 5.38	46.26 2.97 -3.11	35.34 2.14 -4.88

PORT_JEFF_IC 23713	44.95 3.88 0.58	34.52 2.58 0.00	30.06 2.20 0.00	31.03 2.02 0.00	35.65 1.99 0.00	44.39 2.30 0.00	38.01 2.18 0.00	46.35 2.80 0.00	53.41 3.22 0.00	49.08 3.21 -0.28	55.44 3.84 -1.65	51.46 3.72 -1.33	60.06 4.13 -7.26	53.26 3.74 -3.65	51.90 3.83 -2.10	56.19 3.68 -1.82	45.62 3.73 5.67	58.02 3.92 -3.13	66.39 3.75 -14.02	81.88 4.06 -18.35	67.65 3.08 -18.01	41.62 3.04 5.28	46.61 3.01 -3.42	35.51 2.16 -5.03
PPL PILGRIM_ST_GT1 24216	45.03 3.86 0.49	34.55 2.61 0.00	30.07 2.21 0.00	31.07 2.06 0.00	35.71 2.05 0.00	44.46 2.36 0.00	38.08 2.25 0.00	46.48 2.92 0.00	53.56 3.37 0.00	49.20 3.28 -0.32	55.69 3.84 -1.91	51.92 3.72 -1.79	61.93 4.13 -9.13	54.06 3.81 -4.38	52.23 3.86 -2.40	56.55 3.77 -2.08	47.69 3.78 3.65	58.55 4.00 -3.58	67.06 3.83 -14.61	82.36 4.16 -18.73	68.32 3.08 -18.69	42.23 3.08 4.70	48.25 3.09 -4.98	36.30 2.25 -5.74
PPL PILGRIM_ST_GT2 24217	45.03 3.86 0.49	34.55 2.61 0.00	30.07 2.21 0.00	31.07 2.06 0.00	35.71 2.05 0.00	44.46 2.36 0.00	38.08 2.25 0.00	46.48 2.92 0.00	53.56 3.37 0.00	49.20 3.28 -0.32	55.69 3.84 -1.91	51.92 3.72 -1.79	61.93 4.13 -9.13	54.06 3.81 -4.38	52.23 3.86 -2.40	56.55 3.77 -2.08	47.69 3.78 3.65	58.55 4.00 -3.58	67.06 3.83 -14.61	82.36 4.16 -18.73	68.32 3.08 -18.69	42.23 3.08 4.70	48.25 3.09 -4.98	36.30 2.25 -5.74
PPL_SHRM_GT3 24213	45.00 3.94 0.59	34.52 2.58 0.00	30.05 2.19 0.00	30.99 1.98 0.00	35.58 1.91 0.00	44.31 2.21 0.00	37.96 2.14 0.00	46.28 2.72 0.00	53.35 3.16 0.00	49.07 3.20 -0.27	55.59 4.03 -1.62	51.57 3.88 -1.27	59.94 4.24 -7.03	53.22 3.81 -3.55	51.94 3.91 -2.06	56.15 3.67 -1.79	45.34 3.69 5.91	57.95 3.90 -3.07	66.29 3.73 -13.94	82.04 4.28 -18.30	67.68 3.21 -17.92	41.47 2.95 5.34	46.39 2.98 -3.23	35.38 2.13 -4.94
PPL_SHRM_GT4 24214	45.00 3.94 0.59	34.52 2.58 0.00	30.05 2.19 0.00	30.99 1.98 0.00	35.58 1.91 0.00	44.31 2.21 0.00	37.96 2.14 0.00	46.28 2.72 0.00	53.35 3.16 0.00	49.07 3.20 -0.27	55.59 4.03 -1.62	51.57 3.88 -1.27	59.94 4.24 -7.03	53.22 3.81 -3.55	51.94 3.91 -2.06	56.15 3.67 -1.79	45.34 3.69 5.91	57.95 3.90 -3.07	66.29 3.73 -13.94	82.04 4.28 -18.30	67.68 3.21 -17.92	41.47 2.95 5.34	46.39 2.98 -3.23	35.38 2.13 -4.94
PROJECT___ORANGE 1 24174	41.31 -0.35 0.00	31.76 -0.19 0.00	27.67 -0.20 0.00	28.76 -0.25 0.00	33.42 -0.25 0.00	41.73 -0.36 0.00	35.52 -0.30 0.00	43.08 -0.48 0.00	49.44 -0.74 0.00	44.91 -0.69 0.00	49.29 -0.65 0.00	45.73 -0.69 0.00	47.97 -0.70 0.00	45.29 -0.57 0.00	45.38 -0.58 0.00	49.97 -0.72 0.00	46.96 -0.60 0.00	50.32 -0.66 0.00	47.99 -0.63 0.00	58.82 -0.65 0.00	46.06 -0.49 0.00	43.43 -0.42 0.00	39.65 -0.53 0.00	27.91 -0.40 0.00
PROJECT___ORANGE 2 24166	41.31 -0.35 0.00	31.76 -0.19 0.00	27.67 -0.20 0.00	28.76 -0.25 0.00	33.42 -0.25 0.00	41.73 -0.36 0.00	35.52 -0.30 0.00	43.08 -0.48 0.00	49.44 -0.74 0.00	44.91 -0.69 0.00	49.29 -0.65 0.00	45.73 -0.69 0.00	47.97 -0.70 0.00	45.29 -0.57 0.00	45.38 -0.58 0.00	49.97 -0.72 0.00	46.96 -0.60 0.00	50.32 -0.66 0.00	47.99 -0.63 0.00	58.82 -0.65 0.00	46.06 -0.49 0.00	43.43 -0.42 0.00	39.65 -0.53 0.00	27.91 -0.40 0.00
PUCKETT___SOLAR 323809	42.20 0.54 0.00	32.56 0.62 0.00	28.34 0.48 0.00	29.47 0.46 0.00	34.27 0.61 0.00	42.83 0.73 0.00	36.44 0.61 0.00	44.29 0.73 0.00	50.77 0.59 0.00	46.16 0.56 0.00	50.48 0.54 0.00	46.68 0.27 0.00	49.14 0.47 0.00	46.32 0.46 0.00	46.36 0.39 0.00	50.99 0.29 0.00	47.92 0.36 0.00	51.31 0.34 0.00	48.87 0.25 0.00	59.97 0.50 0.00	46.92 0.37 0.00	44.22 0.36 0.00	40.33 0.15 0.00	28.40 0.08 0.00
PYRITES___HYD 24023	40.69 -0.97 0.00	30.96 -0.99 0.00	27.11 -0.75 0.00	28.56 -0.44 0.00	33.41 -0.25 0.00	42.24 0.15 0.00	35.99 0.16 0.00	43.37 -0.19 0.00	50.41 0.23 0.00	45.58 -0.02 0.00	49.99 0.05 0.00	46.22 -0.19 0.00	48.21 -0.46 0.00	45.42 -0.45 0.00	45.60 -0.37 0.00	50.44 -0.25 0.00	46.95 -0.61 0.00	50.09 -0.88 0.00	47.93 -0.70 0.00	59.33 -0.13 0.00	46.39 -0.16 0.00	43.59 -0.27 0.00	39.77 -0.41 0.00	18.71 -0.43 9.17
QUAKERRD_115KV_BK1 80622	39.97 -1.69 0.00	30.71 -1.23 0.00	26.76 -1.10 0.00	27.82 -1.19 0.00	32.47 -1.19 0.00	40.57 -1.52 0.00	34.34 -1.48 0.00	41.28 -2.27 0.00	47.46 -2.72 0.00	43.24 -2.37 0.00	47.81 -2.13 0.00	44.14 -2.27 0.00	46.34 -2.33 0.00	43.85 -2.02 0.00	43.81 -2.16 0.00	48.06 -2.63 0.00	45.12 -2.44 0.00	48.30 -2.68 0.00	46.12 -2.51 0.00	56.75 -2.71 0.00	44.62 -1.93 0.00	42.24 -1.62 0.00	38.39 -1.78 0.00	26.95 -1.36 0.00
QUENSBRY_115KV_TB8 356137	43.94 2.28 0.00	33.81 1.87 0.00	29.49 1.63 0.00	30.57 1.56 0.00	35.33 1.66 0.00	44.11 2.02 0.00	37.85 2.03 0.00	46.51 2.95 0.00	53.29 3.10 0.00	48.31 2.71 0.00	52.68 2.74 0.00	49.01 2.60 0.00	51.40 2.73 0.00	48.41 2.54 0.00	48.54 2.57 0.00	53.57 2.88 0.00	50.66 3.10 0.00	54.51 3.54 0.00	51.98 3.36 0.00	63.69 4.22 0.00	49.46 2.91 0.00	46.48 2.62 0.00	42.61 2.44 0.00	29.99 1.67 0.00
RAMAPO___LBMP 323565	43.74 2.08 0.00	33.50 1.56 0.00	29.16 1.29 0.00	30.21 1.21 0.00	34.88 1.22 0.00	43.48 1.38 0.00	37.33 1.51 0.00	45.61 2.06 0.00	52.48 2.29 0.00	47.74 2.14 0.00	52.22 2.28 0.00	48.63 2.22 0.00	51.10 2.43 0.00	48.15 2.28 0.00	48.33 2.36 0.00	53.20 2.50 0.00	50.01 2.45 0.00	53.68 2.71 0.00	51.23 2.61 0.00	62.64 3.18 0.00	48.86 2.31 0.00	45.97 2.11 0.00	42.22 2.05 0.00	29.79 1.47 0.00
RANKINE____ 23646	40.01 -1.65 0.00	30.88 -1.06 0.00	26.81 -1.06 0.00	27.93 -1.08 0.00	32.82 -0.84 0.00	40.87 -1.23 0.00	34.30 -1.52 0.00	40.78 -2.78 0.00	46.94 -3.25 0.00	42.95 -2.65 0.00	48.02 -1.92 0.00	44.12 -2.29 0.00	46.41 -2.27 0.00	43.90 -1.97 0.00	43.71 -2.26 0.00	47.65 -3.04 0.00	44.54 -3.01 0.00	47.49 -3.48 0.00	45.38 -3.25 0.00	56.30 -3.16 0.00	44.43 -2.12 0.00	42.41 -1.45 0.00	38.29 -1.88 0.00	26.87 -1.44 0.00
RAVENSWOOD_GT2_1 24244	44.30 2.64 0.00	33.91 1.96 0.00	29.53 1.66 0.00	30.56 1.55 0.00	35.24 1.58 0.00	43.93 1.83 0.00	37.76 1.94 0.00	46.22 2.67 0.00	53.18 2.99 0.00	48.41 2.81 0.00	52.91 2.98 0.00	49.28 2.87 0.00	51.79 3.12 0.00	48.84 2.97 0.00	49.03 3.06 0.00	53.84 3.14 0.00	50.62 3.06 0.00	54.28 3.31 0.00	51.78 3.15 0.00	63.23 3.76 0.00	49.39 2.84 0.00	46.42 2.57 0.00	42.69 2.51 0.00	30.17 1.86 0.00
RAVENSWOOD_GT2_2 24245	44.30 2.64 0.00	33.91 1.96 0.00	29.53 1.66 0.00	30.56 1.55 0.00	35.24 1.58 0.00	43.93 1.83 0.00	37.76 1.94 0.00	46.22 2.67 0.00	53.18 2.99 0.00	48.41 2.81 0.00	52.91 2.98 0.00	49.28 2.87 0.00	51.79 3.12 0.00	48.84 2.97 0.00	49.03 3.06 0.00	53.84 3.14 0.00	50.62 3.06 0.00	54.28 3.31 0.00	51.78 3.15 0.00	63.23 3.76 0.00	49.39 2.84 0.00	46.42 2.57 0.00	42.69 2.51 0.00	30.17 1.86 0.00

RAVENSWOOD_GT2_3 24246	44.33 2.67 0.00	33.92 1.97 0.00	29.55 1.68 0.00	30.57 1.56 0.00	35.25 1.59 0.00	43.95 1.85 0.00	37.78 1.96 0.00	46.24 2.68 0.00	53.20 3.02 0.00	48.43 2.83 0.00	52.94 3.00 0.00	49.31 2.89 0.00	51.82 3.15 0.00	48.86 3.00 0.00	49.05 3.09 0.00	53.86 3.17 0.00	50.64 3.08 0.00	54.31 3.33 0.00	51.81 3.19 0.00	63.25 3.79 0.00	49.40 2.85 0.00	46.44 2.58 0.00	42.71 2.53 0.00	30.19 1.87 0.00
RAVENSWOOD_GT2_4 24247	44.33 2.67 0.00	33.92 1.97 0.00	29.55 1.68 0.00	30.57 1.56 0.00	35.25 1.59 0.00	43.95 1.85 0.00	37.78 1.96 0.00	46.24 2.68 0.00	53.20 3.02 0.00	48.43 2.83 0.00	52.94 3.00 0.00	49.31 2.89 0.00	51.82 3.15 0.00	48.86 3.00 0.00	49.05 3.09 0.00	53.86 3.17 0.00	50.64 3.08 0.00	54.31 3.33 0.00	51.81 3.19 0.00	63.25 3.79 0.00	49.40 2.85 0.00	46.44 2.58 0.00	42.71 2.53 0.00	30.19 1.87 0.00
RAVENSWOOD_GT3_1 24248	44.30 2.64 0.00	33.91 1.96 0.00	29.53 1.66 0.00	30.56 1.55 0.00	35.24 1.58 0.00	43.93 1.83 0.00	37.76 1.94 0.00	46.22 2.67 0.00	53.18 2.99 0.00	48.41 2.81 0.00	52.91 2.98 0.00	49.29 2.88 0.00	51.79 3.12 0.00	48.84 2.98 0.00	49.04 3.07 0.00	53.84 3.14 0.00	50.62 3.06 0.00	54.28 3.31 0.00	51.78 3.15 0.00	63.23 3.76 0.00	49.39 2.84 0.00	46.42 2.57 0.00	42.69 2.51 0.00	30.17 1.86 0.00
RAVENSWOOD_GT3_2 24249	44.30 2.64 0.00	33.91 1.96 0.00	29.53 1.66 0.00	30.56 1.55 0.00	35.24 1.58 0.00	43.93 1.83 0.00	37.76 1.94 0.00	46.22 2.67 0.00	53.18 2.99 0.00	48.41 2.81 0.00	52.91 2.98 0.00	49.29 2.88 0.00	51.79 3.12 0.00	48.84 2.98 0.00	49.04 3.07 0.00	53.84 3.14 0.00	50.62 3.06 0.00	54.28 3.31 0.00	51.78 3.15 0.00	63.23 3.76 0.00	49.39 2.84 0.00	46.42 2.57 0.00	42.69 2.51 0.00	30.17 1.86 0.00
RAVENSWOOD_GT3_3 24250	44.37 2.71 0.00	33.95 2.00 0.00	29.57 1.70 0.00	30.60 1.59 0.00	35.28 1.62 0.00	43.98 1.89 0.00	37.81 1.99 0.00	46.29 2.73 0.00	53.25 3.07 0.00	48.50 2.90 0.00	52.99 3.05 0.00	49.36 2.95 0.00	51.88 3.21 0.00	48.92 3.05 0.00	49.11 3.14 0.00	53.92 3.23 0.00	50.71 3.15 0.00	54.38 3.40 0.00	51.86 3.24 0.00	63.33 3.86 0.00	49.48 2.93 0.00	46.50 2.64 0.00	42.75 2.58 0.00	30.22 1.90 0.00
RAVENSWOOD_GT3_4 24251	44.37 2.71 0.00	33.95 2.00 0.00	29.57 1.70 0.00	30.60 1.59 0.00	35.28 1.62 0.00	43.98 1.89 0.00	37.81 1.99 0.00	46.29 2.73 0.00	53.25 3.07 0.00	48.50 2.90 0.00	52.99 3.05 0.00	49.36 2.95 0.00	51.88 3.21 0.00	48.92 3.05 0.00	49.11 3.14 0.00	53.92 3.23 0.00	50.71 3.15 0.00	54.38 3.40 0.00	51.86 3.24 0.00	63.33 3.86 0.00	49.48 2.93 0.00	46.50 2.64 0.00	42.75 2.58 0.00	30.22 1.90 0.00
RAVENSWOOD_GT_1 23729	44.39 2.73 0.00	33.96 2.02 0.00	29.57 1.71 0.00	30.60 1.59 0.00	35.28 1.62 0.00	43.98 1.88 0.00	37.84 2.02 0.00	46.38 2.75 -0.07	53.31 3.12 0.00	48.54 2.94 0.00	53.08 3.14 0.00	49.45 3.04 0.00	51.96 3.29 0.00	48.99 3.12 0.00	49.19 3.22 0.00	53.99 3.30 0.00	50.76 3.21 0.00	54.43 3.45 0.00	51.90 3.28 0.00	63.32 3.86 0.00	49.49 2.94 0.00	46.77 2.66 -0.25	43.45 2.58 -0.69	32.11 1.93 -1.87
RAVENSWOOD_GT_10 24258	44.30 2.64 0.00	33.91 1.96 0.00	29.53 1.66 0.00	30.56 1.55 0.00	35.24 1.58 0.00	43.93 1.83 0.00	37.76 1.94 0.00	46.23 2.67 -0.01	53.17 2.99 0.00	48.41 2.81 0.00	52.91 2.97 0.00	49.27 2.86 0.00	51.79 3.12 0.00	48.84 2.97 0.00	49.03 3.06 0.00	53.84 3.14 0.00	50.62 3.06 0.00	54.28 3.31 0.00	51.78 3.15 0.00	63.23 3.76 0.00	49.39 2.84 0.00	46.45 2.57 -0.03	42.77 2.51 -0.08	30.39 1.86 -0.22
RAVENSWOOD_GT_11 24259	44.30 2.64 0.00	33.91 1.96 0.00	29.53 1.66 0.00	30.56 1.55 0.00	35.24 1.58 0.00	43.93 1.83 0.00	37.76 1.94 0.00	46.23 2.67 -0.01	53.17 2.99 0.00	48.41 2.81 0.00	52.91 2.97 0.00	49.27 2.86 0.00	51.79 3.12 0.00	48.84 2.97 0.00	49.03 3.06 0.00	53.84 3.14 0.00	50.62 3.06 0.00	54.28 3.31 0.00	51.78 3.15 0.00	63.23 3.76 0.00	49.39 2.84 0.00	46.45 2.57 -0.03	42.77 2.51 -0.08	30.39 1.86 -0.22
RAVENSWOOD_GT_4 24252	44.30 2.64 0.00	33.91 1.96 0.00	29.53 1.66 0.00	30.56 1.55 0.00	35.25 1.58 0.00	43.94 1.84 0.00	37.76 1.94 0.00	46.28 2.66 -0.06	53.17 2.98 0.00	48.41 2.81 0.00	52.89 2.95 0.00	49.27 2.86 0.00	51.78 3.11 0.00	48.83 2.96 0.00	49.02 3.05 0.00	53.83 3.14 0.00	50.62 3.06 0.00	54.28 3.31 0.00	51.78 3.15 0.00	63.22 3.76 0.00	49.39 2.84 0.00	46.61 2.56 -0.19	43.22 2.52 -0.52	31.59 1.85 -1.42
RAVENSWOOD_GT_5 24254	44.30 2.64 0.00	33.91 1.96 0.00	29.53 1.66 0.00	30.56 1.55 0.00	35.25 1.58 0.00	43.94 1.84 0.00	37.76 1.94 0.00	46.28 2.66 -0.06	53.17 2.98 0.00	48.41 2.81 0.00	52.89 2.95 0.00	49.27 2.86 0.00	51.78 3.11 0.00	48.83 2.96 0.00	49.02 3.05 0.00	53.83 3.14 0.00	50.62 3.06 0.00	54.28 3.31 0.00	51.78 3.15 0.00	63.22 3.76 0.00	49.39 2.84 0.00	46.61 2.56 -0.19	43.22 2.52 -0.52	31.59 1.85 -1.42
RAVENSWOOD_GT_6 24253	44.30 2.64 0.00	33.91 1.96 0.00	29.53 1.66 0.00	30.56 1.55 0.00	35.25 1.58 0.00	43.94 1.84 0.00	37.76 1.94 0.00	46.28 2.66 -0.06	53.17 2.98 0.00	48.41 2.81 0.00	52.89 2.95 0.00	49.27 2.86 0.00	51.78 3.11 0.00	48.83 2.96 0.00	49.02 3.05 0.00	53.83 3.14 0.00	50.62 3.06 0.00	54.28 3.31 0.00	51.78 3.15 0.00	63.22 3.76 0.00	49.39 2.84 0.00	46.61 2.56 -0.19	43.22 2.52 -0.52	31.59 1.85 -1.42
RAVENSWOOD_GT_7 24255	44.30 2.64 0.00	33.91 1.96 0.00	29.53 1.66 0.00	30.56 1.55 0.00	35.25 1.58 0.00	43.94 1.84 0.00	37.76 1.94 0.00	46.28 2.66 -0.06	53.17 2.98 0.00	48.41 2.81 0.00	52.89 2.95 0.00	49.27 2.86 0.00	51.78 3.11 0.00	48.83 2.96 0.00	49.02 3.05 0.00	53.83 3.14 0.00	50.62 3.06 0.00	54.28 3.31 0.00	51.78 3.15 0.00	63.22 3.76 0.00	49.39 2.84 0.00	46.61 2.56 -0.19	43.22 2.52 -0.52	31.59 1.85 -1.42
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	44.30 2.64 0.00	33.91 1.96 0.00	29.53 1.66 0.00	30.56 1.55 0.00	35.24 1.58 0.00	43.93 1.83 0.00	37.76 1.94 0.00	46.23 2.67 -0.01	53.17 2.99 0.00	48.41 2.81 0.00	52.91 2.97 0.00	49.27 2.86 0.00	51.79 3.12 0.00	48.84 2.97 0.00	49.03 3.06 0.00	53.84 3.14 0.00	50.62 3.06 0.00	54.28 3.31 0.00	51.78 3.15 0.00	63.23 3.76 0.00	49.39 2.84 0.00	46.45 2.57 -0.03	42.77 2.51 -0.08	30.39 1.86 -0.22
RAVENSWOOD_GT_9 24257	44.30 2.64 0.00	33.91 1.96 0.00	29.53 1.66 0.00	30.56 1.55 0.00	35.24 1.58 0.00	43.93 1.83 0.00	37.76 1.94 0.00	46.23 2.67 -0.01	53.17 2.99 0.00	48.41 2.81 0.00	52.91 2.97 0.00	49.27 2.86 0.00	51.79 3.12 0.00	48.84 2.97 0.00	49.03 3.06 0.00	53.84 3.14 0.00	50.62 3.06 0.00	54.28 3.31 0.00	51.78 3.15 0.00	63.23 3.76 0.00	49.39 2.84 0.00	46.45 2.57 -0.03	42.77 2.51 -0.08	30.39 1.86 -0.22

RAVENSWOOD___1 23533	44.33 2.67 0.00	33.91 1.97 0.00	29.54 1.67 0.00	30.56 1.55 0.00	35.24 1.58 0.00	43.92 1.82 0.00	37.79 1.97 0.00	46.19 2.70 0.07	53.23 3.04 0.00	48.47 2.87 0.00	52.99 3.05 0.00	49.36 2.95 0.00	51.86 3.19 0.00	48.90 3.04 0.00	49.10 3.13 0.00	53.89 3.20 0.00	50.66 3.11 0.00	54.34 3.36 0.00	51.82 3.19 0.00	63.25 3.78 0.00	49.42 2.87 0.00	46.19 2.58 0.25	42.02 2.53 0.68	28.36 1.88 1.84
RAVENSWOOD___2 23534	44.33 2.67 0.00	33.91 1.97 0.00	29.54 1.67 0.00	30.56 1.55 0.00	35.24 1.58 0.00	43.92 1.82 0.00	37.79 1.97 0.00	46.19 2.70 0.07	53.23 3.04 0.00	48.47 2.87 0.00	52.99 3.05 0.00	49.36 2.95 0.00	51.86 3.19 0.00	48.90 3.04 0.00	49.10 3.13 0.00	53.89 3.20 0.00	50.66 3.11 0.00	54.34 3.36 0.00	51.82 3.19 0.00	63.25 3.78 0.00	49.42 2.87 0.00	46.19 2.58 0.25	42.02 2.53 0.68	28.36 1.88 1.84
RAVENSWOOD___3 23535	44.30 2.64 0.00	33.91 1.96 0.00	29.53 1.66 0.00	30.56 1.55 0.00	35.24 1.58 0.00	43.93 1.83 0.00	37.76 1.94 0.00	46.23 2.67 0.00	53.18 2.99 0.00	48.41 2.81 0.00	52.91 2.97 0.00	49.28 2.87 0.00	51.79 3.12 0.00	48.85 2.99 0.00	49.03 3.07 0.00	53.84 3.14 0.00	50.62 3.06 0.00	54.29 3.32 0.00	51.78 3.15 0.00	63.22 3.75 0.00	49.38 2.83 0.00	46.41 2.56 0.00	42.70 2.52 0.00	30.17 1.86 0.00
RAVENSWOOD___4 23820	44.33 2.67 0.00	33.91 1.97 0.00	29.54 1.67 0.00	30.56 1.55 0.00	35.24 1.58 0.00	43.92 1.82 0.00	37.79 1.97 0.00	46.19 2.70 0.07	53.23 3.04 0.00	48.47 2.87 0.00	52.99 3.05 0.00	49.36 2.95 0.00	51.86 3.19 0.00	48.90 3.04 0.00	49.10 3.13 0.00	53.89 3.20 0.00	50.66 3.11 0.00	54.34 3.36 0.00	51.82 3.19 0.00	63.25 3.78 0.00	49.42 2.87 0.00	46.19 2.58 0.25	42.02 2.53 0.68	28.36 1.88 1.84
RCPL_TRUST___DRP 24196	44.23 2.57 0.00	33.85 1.91 0.00	29.49 1.63 0.00	30.51 1.50 0.00	35.20 1.54 0.00	43.89 1.79 0.00	37.71 1.89 0.00	46.17 2.61 0.00	53.13 2.94 0.00	48.37 2.77 0.00	52.84 2.89 0.00	49.21 2.80 0.00	51.72 3.04 0.00	48.77 2.90 0.00	48.97 3.00 0.00	53.76 3.06 0.00	50.54 2.98 0.00	54.21 3.24 0.00	51.72 3.10 0.00	63.16 3.70 0.00	49.34 2.79 0.00	46.37 2.51 0.00	42.64 2.47 0.00	30.14 1.82 0.00
RED___ROCHESTER 323720	40.87 -0.79 0.00	31.40 -0.54 0.00	27.35 -0.52 0.00	28.43 -0.58 0.00	33.24 -0.43 0.00	41.52 -0.58 0.00	35.10 -0.73 0.00	42.19 -1.37 0.00	48.58 -1.61 0.00	44.29 -1.31 0.00	49.09 -0.85 0.00	45.24 -1.18 0.00	47.48 -1.19 0.00	44.87 -1.00 0.00	44.81 -1.16 0.00	49.10 -1.60 0.00	46.08 -1.47 0.00	49.32 -1.65 0.00	47.16 -1.47 0.00	58.14 -1.33 0.00	45.73 -0.82 0.00	43.33 -0.53 0.00	39.30 -0.88 0.00	27.56 -0.75 0.00
REGAN___SOLAR 323812	44.24 2.58 0.00	33.94 2.00 0.00	29.56 1.69 0.00	30.70 1.70 0.00	35.66 2.00 0.00	44.71 2.61 0.00	38.20 2.38 0.00	46.50 2.94 0.00	53.32 3.13 0.00	48.39 2.79 0.00	52.78 2.84 0.00	48.89 2.48 0.00	51.33 2.66 0.00	48.30 2.43 0.00	48.40 2.43 0.00	53.51 2.81 0.00	50.35 2.80 0.00	54.14 3.17 0.00	51.83 3.21 0.00	63.53 4.06 0.00	49.72 3.17 0.00	46.75 2.89 0.00	42.70 2.52 0.00	30.00 1.69 0.00
RENSSELAER___COGEN 23796	42.55 0.89 0.00	32.72 0.78 0.00	28.56 0.70 0.00	29.62 0.61 0.00	34.18 0.52 0.00	42.54 0.44 0.00	36.31 0.48 0.00	44.39 0.83 0.00	51.00 0.81 0.00	46.36 0.76 0.00	50.62 0.68 0.00	47.20 0.79 0.00	49.51 0.84 0.00	46.65 0.78 0.00	46.82 0.86 0.00	51.58 0.88 0.00	48.40 0.84 0.00	51.91 0.93 0.00	49.55 0.92 0.00	60.58 1.11 0.00	47.32 0.76 0.00	44.57 0.72 0.00	40.93 0.75 0.00	28.93 0.61 0.00
REPUBLIC_115KV_BARTNBK 55605	44.98 3.32 0.00	34.77 2.83 0.00	30.34 2.48 0.00	31.42 2.41 0.00	36.26 2.59 0.00	45.28 3.19 0.00	39.27 3.45 0.00	48.52 4.97 0.00	55.39 5.21 0.00	50.24 4.64 0.00	54.15 4.21 0.00	50.35 3.94 0.00	52.69 4.01 0.00	49.65 3.79 0.00	49.79 3.82 0.00	54.87 4.18 0.00	52.43 4.87 0.00	57.03 6.06 0.00	54.11 5.48 0.00	66.36 6.89 0.00	51.16 4.61 0.00	48.00 4.15 0.00	44.09 3.91 0.00	30.99 2.67 0.00
REVERE_CPPR_DRP 24186	42.65 0.99 0.00	32.75 0.80 0.00	28.49 0.63 0.00	29.63 0.62 0.00	34.45 0.79 0.00	43.23 1.13 0.00	36.90 1.08 0.00	44.87 1.32 0.00	51.62 1.43 0.00	46.70 1.10 0.00	51.03 1.10 0.00	47.35 0.94 0.00	49.60 0.93 0.00	46.84 0.97 0.00	46.98 1.02 0.00	51.97 1.28 0.00	48.87 1.31 0.00	52.34 1.36 0.00	50.04 1.41 0.00	61.44 1.97 0.00	47.88 1.33 0.00	44.92 1.06 0.00	40.95 0.77 0.00	28.49 0.48 0.31
REYNLDPA_13_KV_LD 356490	40.98 -0.68 0.00	31.23 -0.71 0.00	27.35 -0.52 0.00	28.63 -0.38 0.00	33.40 -0.27 0.00	42.11 0.01 0.00	36.02 0.20 0.00	43.36 -0.19 0.00	50.41 0.22 0.00	45.82 0.22 0.00	50.36 0.42 0.00	46.80 0.38 0.00	48.95 0.28 0.00	46.02 0.15 0.00	46.07 0.11 0.00	50.93 0.23 0.00	47.46 -0.10 0.00	50.75 -0.22 0.00	48.41 -0.21 0.00	59.28 -0.19 0.00	46.34 -0.21 0.00	43.59 -0.27 0.00	39.92 -0.26 0.00	16.84 -0.29 11.19
REYNOLDS_115KV_TB3 80639	42.89 1.23 0.00	32.95 1.00 0.00	28.76 0.90 0.00	29.82 0.81 0.00	34.42 0.75 0.00	42.84 0.74 0.00	36.56 0.74 0.00	44.73 1.17 0.00	51.49 1.30 0.00	46.87 1.27 0.00	51.17 1.23 0.00	47.75 1.33 0.00	50.07 1.39 0.00	47.18 1.32 0.00	47.36 1.39 0.00	52.11 1.42 0.00	48.80 1.25 0.00	52.33 1.35 0.00	49.95 1.33 0.00	61.09 1.63 0.00	47.67 1.12 0.00	44.92 1.07 0.00	41.27 1.09 0.00	29.14 0.82 0.00
RIVERBAY____ 323610	45.33 3.67 0.00	34.81 2.87 0.00	30.41 2.54 0.00	31.37 2.37 0.00	36.19 2.53 0.00	45.13 3.03 0.00	38.85 3.03 0.00	47.43 3.87 0.00	54.13 3.94 0.00	49.17 3.57 0.00	53.82 3.88 0.00	49.96 3.55 0.00	52.84 4.17 0.00	50.16 4.29 0.00	50.30 4.33 0.00	55.26 4.57 0.00	52.01 4.45 0.00	55.59 4.62 0.00	53.00 4.38 0.00	64.84 5.37 0.00	50.70 4.15 0.00	47.58 3.72 0.00	43.88 3.70 0.00	31.07 2.75 0.00
RIVERSDE_115KV_TB3 55908	42.74 1.08 0.00	32.85 0.90 0.00	28.67 0.80 0.00	29.73 0.72 0.00	34.32 0.66 0.00	42.71 0.62 0.00	36.46 0.64 0.00	44.58 1.03 0.00	51.27 1.08 0.00	46.65 1.05 0.00	50.93 0.99 0.00	47.52 1.10 0.00	49.84 1.16 0.00	46.96 1.09 0.00	47.14 1.17 0.00	51.89 1.20 0.00	48.66 1.10 0.00	52.16 1.19 0.00	49.80 1.18 0.00	60.89 1.43 0.00	47.54 0.99 0.00	44.78 0.93 0.00	41.12 0.95 0.00	29.04 0.73 0.00
ROARING___BROOK_WT_PWR 323790	41.02 -0.64 0.00	31.43 -0.51 0.00	27.44 -0.43 0.00	28.53 -0.48 0.00	33.14 -0.52 0.00	41.62 -0.48 0.00	35.45 -0.37 0.00	43.10 -0.45 0.00	49.95 -0.23 0.00	45.42 -0.18 0.00	49.84 -0.10 0.00	46.26 -0.15 0.00	48.39 -0.28 0.00	45.49 -0.37 0.00	45.53 -0.44 0.00	50.27 -0.43 0.00	46.93 -0.63 0.00	50.17 -0.81 0.00	47.83 -0.80 0.00	58.57 -0.89 0.00	45.60 -0.95 0.00	42.85 -1.01 0.00	39.17 -1.01 0.00	8.75 -0.83 18.73

ROCHESRG_115KV_T4 355643	40.52 -1.14 0.00	31.14 -0.81 0.00	27.12 -0.74 0.00	28.20 -0.81 0.00	32.96 -0.70 0.00	41.15 -0.95 0.00	34.76 -1.07 0.00	41.73 -1.83 0.00	48.03 -2.16 0.00	43.77 -1.83 0.00	48.55 -1.39 0.00	44.76 -1.65 0.00	46.96 -1.72 0.00	44.40 -1.46 0.00	44.34 -1.62 0.00	48.58 -2.12 0.00	45.54 -2.02 0.00	48.75 -2.23 0.00	46.59 -2.04 0.00	57.42 -2.05 0.00	45.18 -1.37 0.00	42.83 -1.03 0.00	38.89 -1.29 0.00	27.29 -1.02 0.00
ROCHESTER_9_IC 23652	40.70 -0.96 0.00	31.28 -0.66 0.00	27.25 -0.62 0.00	28.32 -0.69 0.00	33.10 -0.56 0.00	41.35 -0.75 0.00	34.94 -0.88 0.00	41.98 -1.57 0.00	48.33 -1.86 0.00	44.05 -1.55 0.00	48.85 -1.09 0.00	45.01 -1.40 0.00	47.23 -1.44 0.00	44.65 -1.22 0.00	44.58 -1.38 0.00	48.84 -1.85 0.00	45.82 -1.74 0.00	49.06 -1.92 0.00	46.88 -1.75 0.00	57.79 -1.68 0.00	45.46 -1.09 0.00	43.09 -0.77 0.00	39.10 -1.07 0.00	27.44 -0.88 0.00
ROCKVIEW_13_KV_LD 356306	44.31 2.65 0.00	33.91 1.97 0.00	29.54 1.67 0.00	30.57 1.56 0.00	35.26 1.60 0.00	43.96 1.86 0.00	37.75 1.93 0.00	46.20 2.64 0.00	53.14 2.95 0.00	48.39 2.79 0.00	52.93 2.99 0.00	49.28 2.87 0.00	51.78 3.11 0.00	48.78 2.91 0.00	48.99 3.02 0.00	53.84 3.14 0.00	50.59 3.03 0.00	54.28 3.31 0.00	51.78 3.16 0.00	63.26 3.79 0.00	49.40 2.84 0.00	46.48 2.62 0.00	42.67 2.50 0.00	30.11 1.80 0.00
ROME____115KV_TB2 80656	42.65 0.99 0.00	32.75 0.80 0.00	28.49 0.63 0.00	29.63 0.62 0.00	34.45 0.79 0.00	43.23 1.13 0.00	36.90 1.08 0.00	44.87 1.32 0.00	51.62 1.43 0.00	46.70 1.10 0.00	51.03 1.10 0.00	47.35 0.94 0.00	49.60 0.93 0.00	46.84 0.97 0.00	46.98 1.02 0.00	51.97 1.28 0.00	48.87 1.31 0.00	52.34 1.36 0.00	50.04 1.41 0.00	61.44 1.97 0.00	47.88 1.33 0.00	44.92 1.06 0.00	40.95 0.77 0.00	28.49 0.48 0.31
ROSETON___1 23587	43.74 2.08 0.00	33.52 1.58 0.00	29.21 1.35 0.00	30.26 1.25 0.00	34.90 1.25 0.00	43.51 1.41 0.00	37.28 1.46 0.00	45.59 2.04 0.00	52.46 2.27 0.00	47.72 2.12 0.00	52.16 2.22 0.00	48.58 2.17 0.00	51.02 2.35 0.00	48.09 2.23 0.00	48.26 2.29 0.00	53.08 2.38 0.00	49.90 2.35 0.00	53.56 2.58 0.00	51.09 2.46 0.00	62.46 3.00 0.00	48.77 2.21 0.00	45.87 2.01 0.00	42.14 1.96 0.00	29.74 1.43 0.00
ROSETON___2 23588	43.74 2.08 0.00	33.52 1.58 0.00	29.21 1.35 0.00	30.26 1.25 0.00	34.90 1.25 0.00	43.51 1.41 0.00	37.28 1.46 0.00	45.59 2.04 0.00	52.46 2.27 0.00	47.72 2.12 0.00	52.16 2.22 0.00	48.58 2.17 0.00	51.02 2.35 0.00	48.09 2.23 0.00	48.26 2.29 0.00	53.08 2.38 0.00	49.90 2.35 0.00	53.56 2.58 0.00	51.09 2.46 0.00	62.46 3.00 0.00	48.77 2.21 0.00	45.87 2.01 0.00	42.14 1.96 0.00	29.74 1.43 0.00
ROTRDAM_115KV_TB3 80664	43.05 1.38 0.00	33.08 1.14 0.00	28.87 1.00 0.00	29.95 0.95 0.00	34.65 0.98 0.00	43.21 1.11 0.00	36.82 1.00 0.00	44.99 1.44 0.00	51.63 1.45 0.00	46.85 1.25 0.00	51.19 1.25 0.00	47.62 1.21 0.00	49.96 1.29 0.00	47.06 1.20 0.00	47.19 1.22 0.00	52.11 1.42 0.00	49.06 1.50 0.00	52.64 1.66 0.00	50.24 1.62 0.00	61.48 2.01 0.00	48.02 1.47 0.00	45.21 1.35 0.00	41.44 1.27 0.00	29.23 0.91 0.00
RUSSELL___1 23602	40.87 -0.79 0.00	31.40 -0.54 0.00	27.35 -0.52 0.00	28.43 -0.58 0.00	33.23 -0.43 0.00	41.51 -0.58 0.00	35.09 -0.73 0.00	42.19 -1.37 0.00	48.58 -1.61 0.00	44.28 -1.32 0.00	49.09 -0.85 0.00	45.23 -1.18 0.00	47.46 -1.21 0.00	44.87 -1.00 0.00	44.81 -1.16 0.00	49.09 -1.60 0.00	46.05 -1.50 0.00	49.32 -1.66 0.00	47.14 -1.48 0.00	58.13 -1.34 0.00	45.72 -0.83 0.00	43.32 -0.54 0.00	39.30 -0.88 0.00	27.56 -0.75 0.00
RUSSELL___2 23532	40.87 -0.79 0.00	31.40 -0.54 0.00	27.35 -0.52 0.00	28.43 -0.58 0.00	33.23 -0.43 0.00	41.51 -0.58 0.00	35.09 -0.73 0.00	42.19 -1.37 0.00	48.58 -1.61 0.00	44.28 -1.32 0.00	49.09 -0.85 0.00	45.23 -1.18 0.00	47.46 -1.21 0.00	44.87 -1.00 0.00	44.81 -1.16 0.00	49.09 -1.60 0.00	46.05 -1.50 0.00	49.32 -1.66 0.00	47.14 -1.48 0.00	58.13 -1.34 0.00	45.72 -0.83 0.00	43.32 -0.54 0.00	39.30 -0.88 0.00	27.56 -0.75 0.00
RUSSELL___3 23549	40.87 -0.79 0.00	31.40 -0.54 0.00	27.35 -0.52 0.00	28.43 -0.58 0.00	33.23 -0.43 0.00	41.51 -0.58 0.00	35.09 -0.73 0.00	42.19 -1.37 0.00	48.58 -1.61 0.00	44.28 -1.32 0.00	49.09 -0.85 0.00	45.23 -1.18 0.00	47.46 -1.21 0.00	44.87 -1.00 0.00	44.81 -1.16 0.00	49.09 -1.60 0.00	46.05 -1.50 0.00	49.32 -1.66 0.00	47.14 -1.48 0.00	58.13 -1.34 0.00	45.72 -0.83 0.00	43.32 -0.54 0.00	39.30 -0.88 0.00	27.56 -0.75 0.00
RUSSELL___4 23556	40.87 -0.79 0.00	31.40 -0.54 0.00	27.35 -0.52 0.00	28.43 -0.58 0.00	33.23 -0.43 0.00	41.51 -0.58 0.00	35.09 -0.73 0.00	42.19 -1.37 0.00	48.58 -1.61 0.00	44.28 -1.32 0.00	49.09 -0.85 0.00	45.23 -1.18 0.00	47.46 -1.21 0.00	44.87 -1.00 0.00	44.81 -1.16 0.00	49.09 -1.60 0.00	46.05 -1.50 0.00	49.32 -1.66 0.00	47.14 -1.48 0.00	58.13 -1.34 0.00	45.72 -0.83 0.00	43.32 -0.54 0.00	39.30 -0.88 0.00	27.56 -0.75 0.00
RUSSELL___STATION 23914	40.87 -0.79 0.00	31.40 -0.54 0.00	27.35 -0.52 0.00	28.43 -0.58 0.00	33.23 -0.43 0.00	41.51 -0.58 0.00	35.09 -0.73 0.00	42.19 -1.37 0.00	48.58 -1.61 0.00	44.28 -1.32 0.00	49.09 -0.85 0.00	45.23 -1.18 0.00	47.46 -1.21 0.00	44.87 -1.00 0.00	44.81 -1.16 0.00	49.09 -1.60 0.00	46.05 -1.50 0.00	49.32 -1.66 0.00	47.14 -1.48 0.00	58.13 -1.34 0.00	45.72 -0.83 0.00	43.32 -0.54 0.00	39.30 -0.88 0.00	27.56 -0.75 0.00
S SALMON___HYD 24043	40.97 -0.69 0.00	31.46 -0.48 0.00	27.42 -0.44 0.00	28.51 -0.50 0.00	33.19 -0.47 0.00	41.58 -0.52 0.00	35.29 -0.54 0.00	42.74 -0.82 0.00	49.13 -1.06 0.00	44.59 -1.01 0.00	48.87 -1.07 0.00	45.04 -1.37 0.00	47.01 -1.66 0.00	44.36 -1.51 0.00	44.46 -1.50 0.00	49.31 -1.39 0.00	46.27 -1.28 0.00	49.57 -1.41 0.00	47.41 -1.21 0.00	58.37 -1.10 0.00	45.56 -0.99 0.00	42.71 -1.14 0.00	38.92 -1.26 0.00	26.64 -0.93 0.74
S.PERRY__115KV_TB1 80734	41.69 0.03 0.00	32.15 0.20 0.00	27.96 0.10 0.00	29.11 0.11 0.00	34.15 0.49 0.00	42.73 0.63 0.00	36.22 0.39 0.00	43.43 -0.13 0.00	49.89 -0.30 0.00	45.29 -0.31 0.00	49.87 -0.07 0.00	45.82 -0.59 0.00	48.01 -0.66 0.00	45.59 -0.28 0.00	45.30 -0.67 0.00	49.35 -1.35 0.00	46.56 -1.00 0.00	50.52 -0.45 0.00	48.44 -0.19 0.00	59.67 0.20 0.00	46.71 0.16 0.00	44.27 0.41 0.00	39.98 -0.20 0.00	27.97 -0.34 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	39.74 -1.93 0.00	30.62 -1.32 0.00	26.62 -1.24 0.00	27.71 -1.29 0.00	32.56 -1.10 0.00	40.54 -1.56 0.00	33.98 -1.84 0.00	40.32 -3.24 0.00	46.36 -3.83 0.00	42.43 -3.17 0.00	47.53 -2.41 0.00	43.69 -2.72 0.00	45.89 -2.79 0.00	43.45 -2.42 0.00	43.27 -2.70 0.00	47.18 -3.52 0.00	44.09 -3.47 0.00	46.99 -3.98 0.00	44.92 -3.70 0.00	55.69 -3.77 0.00	44.01 -2.55 0.00	42.01 -1.85 0.00	37.97 -2.20 0.00	26.65 -1.67 0.00

V_F_30_NSYNC___DSASP 323816	43.75 2.09 0.00	33.60 1.65 0.00	29.31 1.45 0.00	30.41 1.40 0.00	35.14 1.48 0.00	43.87 1.77 0.00	37.47 1.65 0.00	45.89 2.33 0.00	52.67 2.48 0.00	47.76 2.16 0.00	52.14 2.21 0.00	48.53 2.12 0.00	50.92 2.25 0.00	47.97 2.10 0.00	48.09 2.12 0.00	53.09 2.39 0.00	49.98 2.42 0.00	53.67 2.70 0.00	51.24 2.62 0.00	62.76 3.30 0.00	48.88 2.33 0.00	46.00 2.14 0.00	42.18 2.00 0.00	29.72 1.41 0.00
V_F_30_SYNC_DSASP 323786	42.75 1.09 0.00	32.87 0.93 0.00	28.68 0.82 0.00	29.75 0.74 0.00	34.35 0.68 0.00	42.75 0.65 0.00	36.51 0.69 0.00	44.62 1.07 0.00	51.30 1.11 0.00	46.65 1.05 0.00	50.93 0.99 0.00	47.50 1.09 0.00	49.84 1.16 0.00	46.96 1.09 0.00	47.13 1.16 0.00	51.93 1.23 0.00	48.74 1.18 0.00	52.27 1.29 0.00	49.84 1.22 0.00	60.94 1.48 0.00	47.59 1.04 0.00	44.82 0.97 0.00	41.14 0.96 0.00	29.07 0.75 0.00
V_XM_10_SYNC_DSASP 323789	41.08 -0.58 0.00	31.28 -0.66 0.00	27.33 -0.53 0.00	28.59 -0.42 0.00	33.51 -0.15 0.00	42.47 0.37 0.00	36.39 0.56 0.00	44.31 0.76 0.00	51.43 1.24 0.00	46.69 1.09 0.00	51.33 1.39 0.00	47.72 1.31 0.00	49.80 1.13 0.00	46.37 0.50 0.00	46.61 0.65 0.00	51.71 1.02 0.00	47.80 0.24 0.00	50.99 0.02 0.00	48.46 -0.16 0.00	59.71 0.25 0.00	46.55 0.00 0.00	43.44 -0.41 0.00	39.88 -0.30 0.00	16.77 -0.35 11.20
W.BABYLN_69_KV_BK1 56697	45.79 3.92 -0.22	34.59 2.65 0.00	30.12 2.26 0.00	31.12 2.11 0.00	35.78 2.11 0.00	44.56 2.47 0.00	38.21 2.39 0.00	46.64 3.08 0.00	53.73 3.55 0.00	49.71 3.47 -0.64	57.89 4.00 -3.96	55.21 3.86 -4.93	76.46 4.30 -23.50	60.13 3.96 -10.31	54.46 4.01 -4.48	58.50 3.97 -3.84	60.15 3.97 -8.62	61.74 4.18 -6.58	70.90 4.01 -18.26	85.04 4.58 -21.00	72.53 3.47 -22.51	45.22 3.29 1.92	57.76 3.23 -14.36	40.99 2.30 -10.37
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	44.01 2.36 0.00	33.70 1.76 0.00	29.34 1.47 0.00	30.40 1.39 0.00	35.08 1.42 0.00	43.74 1.64 0.00	37.59 1.77 0.00	45.95 2.40 0.00	52.88 2.69 0.00	48.10 2.50 0.00	52.62 2.68 0.00	49.00 2.59 0.00	51.50 2.82 0.00	48.52 2.65 0.00	48.71 2.74 0.00	53.60 2.90 0.00	50.39 2.83 0.00	54.08 3.11 0.00	51.60 2.98 0.00	63.11 3.64 0.00	49.21 2.66 0.00	46.30 2.44 0.00	42.51 2.33 0.00	29.98 1.66 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	44.28 2.62 0.00	33.89 1.95 0.00	29.52 1.65 0.00	30.55 1.54 0.00	35.24 1.58 0.00	43.94 1.84 0.00	37.77 1.95 0.00	46.24 2.68 0.00	53.22 3.03 0.00	48.46 2.86 0.00	52.94 3.00 0.00	49.31 2.90 0.00	51.82 3.15 0.00	48.87 3.01 0.00	49.08 3.12 0.00	53.89 3.19 0.00	50.65 3.09 0.00	54.33 3.35 0.00	51.82 3.19 0.00	63.25 3.78 0.00	49.41 2.86 0.00	46.43 2.57 0.00	42.71 2.53 0.00	30.18 1.87 0.00
W50THST__13_KV_LOAD 356117	44.46 2.79 0.00	34.01 2.07 0.00	29.62 1.76 0.00	30.65 1.65 0.00	35.35 1.69 0.00	44.11 2.01 0.00	37.95 2.13 0.00	46.46 2.90 0.00	53.49 3.31 0.00	48.74 3.14 0.00	53.28 3.34 0.00	49.62 3.21 0.00	52.16 3.49 0.00	49.21 3.34 0.00	49.40 3.43 0.00	54.23 3.53 0.00	50.98 3.42 0.00	54.65 3.68 0.00	52.11 3.48 0.00	63.57 4.10 0.00	49.66 3.11 0.00	46.64 2.78 0.00	42.90 2.72 0.00	30.31 1.99 0.00
WADING RIVER_IC_1 23522	44.99 3.94 0.60	34.52 2.58 0.00	30.06 2.19 0.00	30.99 1.98 0.00	35.58 1.91 0.00	44.31 2.22 0.00	37.96 2.14 0.00	46.31 2.75 0.00	53.37 3.18 0.00	49.10 3.24 -0.27	55.60 4.07 -1.59	51.56 3.93 -1.22	59.78 4.29 -6.82	53.18 3.84 -3.47	51.95 3.96 -2.02	56.16 3.71 -1.76	45.16 3.73 6.12	57.92 3.93 -3.02	66.25 3.75 -13.87	82.00 4.29 -18.25	67.61 3.21 -17.85	41.43 2.97 5.39	46.24 3.00 -3.06	35.30 2.13 -4.86
WADING RIVER_IC_2 23547	44.99 3.94 0.60	34.52 2.58 0.00	30.06 2.19 0.00	30.99 1.98 0.00	35.58 1.91 0.00	44.31 2.22 0.00	37.96 2.14 0.00	46.31 2.75 0.00	53.37 3.18 0.00	49.10 3.24 -0.27	55.60 4.07 -1.59	51.56 3.93 -1.22	59.78 4.29 -6.82	53.18 3.84 -3.47	51.95 3.96 -2.02	56.16 3.71 -1.76	45.16 3.73 6.12	57.92 3.93 -3.02	66.25 3.75 -13.87	82.00 4.29 -18.25	67.61 3.21 -17.85	41.43 2.97 5.39	46.24 3.00 -3.06	35.30 2.13 -4.86
WADING RIVER_IC_3 23601	44.99 3.94 0.60	34.52 2.58 0.00	30.06 2.19 0.00	30.99 1.98 0.00	35.58 1.91 0.00	44.31 2.22 0.00	37.96 2.14 0.00	46.31 2.75 0.00	53.37 3.18 0.00	49.10 3.24 -0.27	55.60 4.07 -1.59	51.56 3.93 -1.22	59.78 4.29 -6.82	53.18 3.84 -3.47	51.95 3.96 -2.02	56.16 3.71 -1.76	45.16 3.73 6.12	57.92 3.93 -3.02	66.25 3.75 -13.87	82.00 4.29 -18.25	67.61 3.21 -17.85	41.43 2.97 5.39	46.24 3.00 -3.06	35.30 2.13 -4.86
WALDENNY_12_KV_BK2 80841	40.04 -1.62 0.00	30.89 -1.05 0.00	26.82 -1.04 0.00	27.95 -1.06 0.00	32.87 -0.80 0.00	40.90 -1.20 0.00	34.32 -1.50 0.00	40.79 -2.76 0.00	46.94 -3.25 0.00	42.97 -2.62 0.00	48.09 -1.85 0.00	44.21 -2.20 0.00	46.47 -2.21 0.00	43.96 -1.91 0.00	43.78 -2.18 0.00	47.74 -2.95 0.00	44.61 -2.95 0.00	47.56 -3.42 0.00	45.45 -3.18 0.00	56.37 -3.10 0.00	44.49 -2.06 0.00	42.47 -1.39 0.00	38.35 -1.83 0.00	26.90 -1.41 0.00
WALDEN___HYDRO 24148	43.92 2.26 0.00	33.66 1.72 0.00	29.31 1.45 0.00	30.37 1.36 0.00	35.06 1.40 0.00	43.72 1.63 0.00	37.47 1.65 0.00	45.83 2.27 0.00	52.75 2.56 0.00	47.99 2.39 0.00	52.49 2.55 0.00	48.86 2.45 0.00	51.34 2.67 0.00	48.38 2.52 0.00	48.56 2.59 0.00	53.41 2.71 0.00	50.23 2.67 0.00	53.92 2.95 0.00	51.45 2.83 0.00	62.93 3.46 0.00	49.12 2.57 0.00	46.19 2.34 0.00	42.39 2.21 0.00	29.89 1.57 0.00
WARRENSBURG____ 23737	43.80 2.14 0.00	33.69 1.74 0.00	29.39 1.52 0.00	30.46 1.46 0.00	35.22 1.56 0.00	43.96 1.87 0.00	37.68 1.86 0.00	46.24 2.69 0.00	53.02 2.83 0.00	48.08 2.48 0.00	52.46 2.52 0.00	48.79 2.38 0.00	51.17 2.50 0.00	48.20 2.33 0.00	48.32 2.36 0.00	53.34 2.65 0.00	50.38 2.82 0.00	54.18 3.21 0.00	51.68 3.06 0.00	63.31 3.84 0.00	49.24 2.69 0.00	46.28 2.42 0.00	42.43 2.25 0.00	29.85 1.53 0.00
WATERSIDE___6 8 9 23538	44.33 2.67 0.00	33.91 1.97 0.00	29.54 1.67 0.00	30.56 1.55 0.00	35.25 1.58 0.00	43.92 1.83 0.00	37.79 1.97 0.00	46.18 2.70 0.07	53.23 3.04 0.00	48.47 2.87 0.00	52.99 3.05 0.00	49.37 2.96 0.00	51.87 3.20 0.00	48.90 3.03 0.00	49.10 3.13 0.00	53.89 3.20 0.00	50.67 3.11 0.00	54.34 3.36 0.00	51.82 3.19 0.00	63.25 3.78 0.00	49.43 2.87 0.00	46.20 2.59 0.25	42.03 2.53 0.68	28.36 1.89 1.84
WATKINRD_115KV_LN8_ILLION 55919	41.50 -0.17 0.00	31.88 -0.06 0.00	27.80 -0.07 0.00	28.82 -0.18 0.00	33.33 -0.33 0.00	41.62 -0.48 0.00	35.46 -0.36 0.00	43.26 -0.29 0.00	49.72 -0.47 0.00	45.19 -0.41 0.00	49.26 -0.68 0.00	45.78 -0.63 0.00	48.02 -0.65 0.00	45.15 -0.71 0.00	45.28 -0.69 0.00	49.99 -0.71 0.00	47.10 -0.45 0.00	50.59 -0.39 0.00	48.25 -0.37 0.00	59.07 -0.40 0.00	46.13 -0.42 0.00	43.45 -0.41 0.00	39.82 -0.35 0.00	28.63 -0.26 -0.57

WDELAWARE___HYD 323627	44.14 2.48 0.00	33.84 1.90 0.00	29.47 1.61 0.00	30.55 1.54 0.00	35.30 1.64 0.00	44.06 1.96 0.00	37.72 1.90 0.00	46.13 2.58 0.00	53.12 2.94 0.00	48.36 2.76 0.00	52.95 3.01 0.00	49.25 2.84 0.00	51.78 3.10 0.00	48.76 2.89 0.00	48.92 2.96 0.00	53.84 3.14 0.00	50.65 3.09 0.00	54.40 3.42 0.00	51.91 3.29 0.00	63.56 4.09 0.00	49.64 3.09 0.00	46.67 2.81 0.00	42.73 2.55 0.00	30.10 1.79 0.00
WEST BABYLON___IC 23714	45.79 3.92 -0.22	34.59 2.65 0.00	30.12 2.26 0.00	31.12 2.11 0.00	35.78 2.11 0.00	44.56 2.47 0.00	38.21 2.39 0.00	46.64 3.08 0.00	53.73 3.55 0.00	49.71 3.47 -0.64	57.89 4.00 -3.96	55.21 3.86 -4.93	76.46 4.30 -23.50	60.13 3.96 -10.31	54.46 4.01 -4.48	58.50 3.97 -3.84	60.15 3.97 -8.62	61.74 4.18 -6.58	70.90 4.01 -18.26	85.04 4.58 -21.00	72.53 3.47 -22.51	45.22 3.29 1.92	57.76 3.23 -14.36	40.99 2.30 -10.37
WEST CANADA___HYD 24049	41.75 0.09 0.00	32.07 0.13 0.00	27.97 0.11 0.00	29.07 0.06 0.00	33.69 0.03 0.00	42.08 -0.02 0.00	35.79 -0.04 0.00	43.57 0.02 0.00	50.14 -0.05 0.00	45.56 -0.05 0.00	49.84 -0.10 0.00	46.32 -0.09 0.00	48.58 -0.10 0.00	45.81 -0.05 0.00	45.92 -0.05 0.00	50.64 -0.05 0.00	47.56 0.00 0.00	50.98 0.00 0.00	48.63 0.00 0.00	59.51 0.04 0.00	46.55 0.00 0.00	43.83 -0.02 0.00	40.16 -0.02 0.00	28.87 -0.01 -0.57
WESTERN_NY_WIND 24143	40.59 -1.07 0.00	31.21 -0.73 0.00	27.18 -0.68 0.00	28.29 -0.71 0.00	33.27 -0.39 0.00	41.42 -0.68 0.00	34.92 -0.91 0.00	41.68 -1.88 0.00	47.96 -2.22 0.00	43.79 -1.81 0.00	48.73 -1.21 0.00	44.59 -1.82 0.00	46.83 -1.84 0.00	44.28 -1.59 0.00	44.25 -1.72 0.00	48.18 -2.51 0.00	45.06 -2.49 0.00	48.36 -2.62 0.00	46.51 -2.11 0.00	57.64 -1.83 0.00	45.50 -1.05 0.00	43.24 -0.62 0.00	39.07 -1.11 0.00	27.40 -0.91 0.00
WESTOVER___LESR 323668	41.90 0.24 0.00	32.35 0.41 0.00	28.09 0.23 0.00	29.21 0.21 0.00	33.94 0.28 0.00	42.37 0.27 0.00	35.97 0.15 0.00	43.70 0.15 0.00	50.26 0.08 0.00	45.71 0.11 0.00	50.15 0.21 0.00	46.42 0.00 0.00	48.78 0.11 0.00	46.02 0.15 0.00	46.11 0.14 0.00	50.55 -0.15 0.00	47.57 0.01 0.00	50.90 -0.07 0.00	48.45 -0.18 0.00	59.55 0.08 0.00	46.56 0.01 0.00	44.02 0.17 0.00	40.13 -0.05 0.00	28.28 -0.04 0.00
WETHRSFD_WT_PWR 323626	39.89 -1.77 0.00	30.98 -0.96 0.00	26.86 -1.00 0.00	28.03 -0.98 0.00	32.94 -0.73 0.00	41.06 -1.04 0.00	34.53 -1.29 0.00	41.28 -2.28 0.00	47.41 -2.78 0.00	43.30 -2.30 0.00	48.00 -1.94 0.00	44.07 -2.35 0.00	46.39 -2.28 0.00	43.90 -1.97 0.00	43.53 -2.43 0.00	47.57 -3.12 0.00	44.62 -2.94 0.00	47.83 -3.15 0.00	45.57 -3.05 0.00	56.34 -3.13 0.00	44.26 -2.30 0.00	42.24 -1.62 0.00	38.08 -2.10 0.00	26.75 -1.57 0.00
WHAVSTOR_138KV_BK127 55557	43.82 2.17 0.00	33.56 1.62 0.00	29.22 1.35 0.00	30.27 1.26 0.00	34.94 1.27 0.00	43.55 1.46 0.00	37.48 1.66 0.00	45.83 2.27 0.00	52.68 2.49 0.00	47.85 2.25 0.00	52.34 2.40 0.00	48.75 2.34 0.00	51.22 2.54 0.00	48.26 2.39 0.00	48.44 2.48 0.00	53.30 2.61 0.00	50.11 2.55 0.00	53.79 2.81 0.00	51.33 2.71 0.00	62.76 3.29 0.00	48.95 2.40 0.00	46.05 2.19 0.00	42.31 2.13 0.00	29.85 1.53 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	43.82 2.17 0.00	33.56 1.62 0.00	29.22 1.35 0.00	30.27 1.26 0.00	34.94 1.27 0.00	43.55 1.46 0.00	37.48 1.66 0.00	45.83 2.27 0.00	52.68 2.49 0.00	47.85 2.25 0.00	52.34 2.40 0.00	48.75 2.34 0.00	51.22 2.54 0.00	48.26 2.39 0.00	48.44 2.48 0.00	53.30 2.61 0.00	50.11 2.55 0.00	53.79 2.81 0.00	51.33 2.71 0.00	62.76 3.29 0.00	48.95 2.40 0.00	46.05 2.19 0.00	42.31 2.13 0.00	29.85 1.53 0.00
WHITEHAL_115KV_TB1 80871	44.08 2.42 0.00	34.09 2.14 0.00	29.77 1.90 0.00	30.79 1.79 0.00	35.51 1.85 0.00	44.28 2.18 0.00	38.34 2.52 0.00	47.44 3.88 0.00	54.18 3.99 0.00	48.95 3.35 0.00	53.12 3.18 0.00	49.51 3.09 0.00	51.85 3.17 0.00	48.85 2.98 0.00	49.04 3.08 0.00	54.11 3.42 0.00	51.54 3.98 0.00	55.77 4.79 0.00	52.99 4.37 0.00	64.99 5.53 0.00	50.06 3.51 0.00	47.00 3.14 0.00	43.25 3.07 0.00	30.46 2.15 0.00
WHITEPLN_13_KV_LOAD 356215	44.32 2.66 0.00	33.94 2.00 0.00	29.55 1.68 0.00	30.60 1.59 0.00	35.30 1.64 0.00	44.03 1.93 0.00	37.81 1.99 0.00	46.31 2.75 0.00	53.33 3.15 0.00	48.55 2.95 0.00	53.09 3.15 0.00	49.46 3.05 0.00	51.97 3.30 0.00	48.96 3.10 0.00	49.15 3.19 0.00	54.06 3.36 0.00	50.81 3.25 0.00	54.52 3.54 0.00	52.01 3.39 0.00	63.54 4.07 0.00	49.57 3.02 0.00	46.64 2.78 0.00	42.80 2.63 0.00	30.19 1.87 0.00
WM_FLOYD_69_KV_BK2 356380	44.98 3.91 0.59	34.52 2.58 0.00	30.06 2.20 0.00	31.02 2.01 0.00	35.62 1.96 0.00	44.35 2.26 0.00	37.99 2.17 0.00	46.32 2.77 0.00	53.40 3.21 0.00	49.10 3.23 -0.27	55.55 3.98 -1.63	51.56 3.86 -1.28	60.01 4.26 -7.08	53.23 3.79 -3.58	51.95 3.92 -2.07	56.19 3.70 -1.80	45.49 3.78 5.85	57.99 3.94 -3.08	66.36 3.78 -13.96	82.08 4.31 -18.30	67.73 3.24 -17.94	41.55 3.02 5.33	46.46 3.01 -3.27	35.42 2.15 -4.96
WOODARD___115KV_TB2 355635	41.22 -0.43 0.00	31.68 -0.26 0.00	27.61 -0.25 0.00	28.70 -0.31 0.00	33.34 -0.32 0.00	41.64 -0.46 0.00	35.49 -0.33 0.00	43.03 -0.53 0.00	49.25 -0.94 0.00	44.58 -1.02 0.00	48.90 -1.03 0.00	45.38 -1.04 0.00	47.62 -1.05 0.00	45.11 -0.76 0.00	45.20 -0.76 0.00	49.81 -0.89 0.00	46.80 -0.75 0.00	50.16 -0.81 0.00	47.85 -0.78 0.00	58.62 -0.84 0.00	45.92 -0.63 0.00	43.29 -0.57 0.00	39.53 -0.65 0.00	27.83 -0.49 0.00
WOODMERE_69_KV_BK1 55827	60.68 3.62 -15.39	34.44 2.50 0.00	29.96 2.10 0.00	31.01 2.00 0.00	35.69 2.03 0.00	44.46 2.36 0.00	38.11 2.29 0.00	46.55 2.99 0.00	53.62 3.44 0.00	55.98 3.29 -7.09	99.23 3.71 -45.57	115.19 3.55 -65.23	361.45 3.88 -308.90	178.51 3.74 -128.91	85.71 3.82 -35.93	83.54 3.82 -29.02	238.57 3.82 -187.19	104.84 4.01 -49.85	112.07 3.78 -59.66	103.23 4.40 -39.36	111.05 3.38 -61.12	82.27 3.09 -35.32	186.21 2.94 -143.09	105.14 2.14 -74.68
YORK___WARBASSE 23770	44.46 2.80 0.00	34.02 2.07 0.00	29.60 1.74 0.00	30.63 1.62 0.00	35.33 1.67 0.00	44.03 1.93 0.00	37.91 2.08 0.00	46.66 2.76 -0.35	53.23 3.04 0.00	48.55 2.95 0.00	53.06 3.12 0.00	49.44 3.03 0.00	51.97 3.29 0.00	49.02 3.15 0.00	49.21 3.24 0.00	53.96 3.26 0.00	50.77 3.22 0.00	54.44 3.46 0.00	51.92 3.29 0.00	63.41 3.95 0.00	49.57 3.02 0.00	47.77 2.73 -1.18	46.06 2.63 -3.26	39.12 1.96 -8.84