

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/31/2025

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	43.45	44.05	37.96	35.98	36.30	39.17	59.92	59.39	60.10	48.81	44.50	37.99	38.89	39.25	37.83	37.37	39.42	52.92	55.69	51.10	52.82	48.05	39.61	40.63
24138	2.50	2.35	1.79	1.65	1.75	1.95	3.29	3.41	3.51	3.20	3.28	3.11	3.30	3.26	3.09	2.94	2.92	4.11	4.43	4.06	3.98	3.57	2.77	2.48
	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	43.48	44.07	37.99	36.02	36.31	39.18	59.92	59.40	60.12	48.81	44.47	37.96	38.86	39.21	37.81	37.34	39.39	52.91	55.71	51.11	52.84	48.06	39.62	40.64
24260	2.52	2.37	1.82	1.68	1.76	1.96	3.29	3.42	3.54	3.19	3.25	3.08	3.27	3.22	3.08	2.91	2.90	4.09	4.44	4.07	4.00	3.58	2.77	2.50
	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	43.48	44.07	37.99	36.02	36.31	39.18	59.92	59.40	60.12	48.81	44.47	37.96	38.86	39.21	37.81	37.34	39.39	52.91	55.71	51.11	52.84	48.06	39.62	40.64
24261	2.52	2.37	1.82	1.68	1.76	1.96	3.29	3.42	3.54	3.19	3.25	3.08	3.27	3.22	3.08	2.91	2.90	4.09	4.44	4.07	4.00	3.58	2.77	2.50
	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	42.56	43.23	37.58	35.66	36.02	38.73	58.98	58.13	58.91	47.35	42.60	35.99	36.84	37.40	36.17	36.01	38.38	51.21	53.30	48.85	50.94	46.49	38.63	39.76
24011	1.60	1.53	1.41	1.33	1.47	1.52	2.34	2.16	2.32	1.74	1.38	1.11	1.24	1.41	1.43	1.58	1.89	2.40	2.04	1.81	2.10	2.02	1.78	1.61
	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	42.76	43.38	37.74	35.82	36.22	38.98	59.39	58.43	59.24	47.55	42.80	36.16	36.97	37.64	36.39	36.25	38.66	51.50	53.43	49.02	51.16	46.71	38.86	39.99
23798	1.80	1.67	1.56	1.49	1.67	1.76	2.76	2.45	2.65	1.94	1.58	1.29	1.38	1.64	1.66	1.83	2.16	2.69	2.17	1.98	2.32	2.23	2.02	1.85
	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	42.56	43.23	37.58	35.66	36.02	38.73	58.98	58.13	58.91	47.35</														

ALBANY___2 23572	40.87 -0.09 0.00	41.68 -0.03 0.00	36.24 0.07 0.00	34.43 0.09 0.00	34.62 0.07 0.00	37.14 -0.07 0.00	56.33 -0.30 0.00	55.69 -0.28 0.00	56.32 -0.26 0.00	45.38 -0.23 0.00	40.98 -0.24 0.00	34.79 -0.08 0.00	35.65 0.06 0.00	36.01 0.02 0.00	34.88 0.15 0.00	34.63 0.20 0.00	36.84 0.34 0.00	49.22 0.40 0.00	51.53 0.27 0.00	47.19 0.15 0.00	49.00 0.17 0.00	44.71 0.23 0.00	37.11 0.27 0.00	38.49 0.34 0.00
ALBANY___3 23573	40.87 -0.09 0.00	41.68 -0.03 0.00	36.24 0.07 0.00	34.43 0.09 0.00	34.62 0.07 0.00	37.14 -0.07 0.00	56.33 -0.30 0.00	55.69 -0.28 0.00	56.32 -0.26 0.00	45.38 -0.23 0.00	40.98 -0.24 0.00	34.79 -0.08 0.00	35.65 0.06 0.00	36.01 0.02 0.00	34.88 0.15 0.00	34.63 0.20 0.00	36.84 0.34 0.00	49.22 0.40 0.00	51.53 0.27 0.00	47.19 0.15 0.00	49.00 0.17 0.00	44.71 0.23 0.00	37.11 0.27 0.00	38.49 0.34 0.00
ALBANY___4 23574	40.87 -0.09 0.00	41.68 -0.03 0.00	36.24 0.07 0.00	34.43 0.09 0.00	34.62 0.07 0.00	37.14 -0.07 0.00	56.33 -0.30 0.00	55.69 -0.28 0.00	56.32 -0.26 0.00	45.38 -0.23 0.00	40.98 -0.24 0.00	34.79 -0.08 0.00	35.65 0.06 0.00	36.01 0.02 0.00	34.88 0.15 0.00	34.63 0.20 0.00	36.84 0.34 0.00	49.22 0.40 0.00	51.53 0.27 0.00	47.19 0.15 0.00	49.00 0.17 0.00	44.71 0.23 0.00	37.11 0.27 0.00	38.49 0.34 0.00
ALBANY___LFGE 323615	41.30 0.35 0.00	42.11 0.40 0.00	36.59 0.42 0.00	34.76 0.43 0.00	34.96 0.41 0.00	37.54 0.32 0.00	56.95 0.33 0.00	56.33 0.36 0.00	56.98 0.40 0.00	45.91 0.30 0.00	41.41 0.19 0.00	35.19 0.31 0.00	36.06 0.47 0.00	36.43 0.43 0.00	35.29 0.56 0.00	35.04 0.62 0.00	37.30 0.80 0.00	49.81 1.00 0.00	52.14 0.88 0.00	47.75 0.71 0.00	49.58 0.74 0.00	45.20 0.73 0.00	37.52 0.67 0.00	38.88 0.73 0.00
ALCOA_PA_115KV_PL-6C 55860	41.73 0.77 0.00	42.52 0.81 0.00	36.99 0.82 0.00	35.21 0.88 0.00	35.44 0.89 0.00	38.28 1.06 0.00	58.21 1.58 0.00	57.41 1.44 0.00	58.01 1.43 0.00	46.71 1.09 0.00	42.08 0.86 0.00	35.37 0.49 0.00	35.94 0.35 0.00	36.36 0.37 0.00	35.07 0.33 0.00	34.83 0.40 0.00	36.81 0.31 0.00	48.91 0.34 0.24	49.59 0.36 2.03	45.52 0.40 1.92	49.29 0.49 0.04	45.05 0.57 0.00	37.35 0.51 0.00	38.62 0.48 0.00
ALCOA_RYNLDS___DRP 24188	41.73 0.77 0.00	42.52 0.81 0.00	36.99 0.82 0.00	35.21 0.88 0.00	35.44 0.89 0.00	38.28 1.06 0.00	58.21 1.58 0.00	57.41 1.44 0.00	58.01 1.43 0.00	46.71 1.09 0.00	42.08 0.86 0.00	35.37 0.49 0.00	35.94 0.35 0.00	36.36 0.37 0.00	35.07 0.33 0.00	34.83 0.40 0.00	36.81 0.31 0.00	48.91 0.34 0.24	49.59 0.36 2.03	45.52 0.40 1.92	49.29 0.49 0.04	45.05 0.57 0.00	37.35 0.51 0.00	38.62 0.48 0.00
ALCOA___DSASP 323711	41.73 0.77 0.00	42.52 0.81 0.00	36.99 0.82 0.00	35.21 0.88 0.00	35.44 0.89 0.00	38.28 1.06 0.00	58.21 1.58 0.00	57.41 1.44 0.00	58.00 1.42 0.00	46.71 1.09 0.00	42.08 0.86 0.00	35.37 0.49 0.00	35.94 0.35 0.00	36.36 0.37 0.00	35.07 0.33 0.00	34.83 0.40 0.00	36.81 0.31 0.00	48.91 0.34 0.24	49.59 0.36 2.03	45.52 0.40 1.92	49.29 0.49 0.04	45.05 0.57 0.00	37.35 0.51 0.00	38.62 0.48 0.00
ALLEGHENY___COGEN 23514	41.87 0.71 -0.20	41.93 0.11 -0.11	35.98 -0.31 -0.11	28.04 -0.75 5.54	36.16 -0.61 -2.22	51.97 -0.47 -15.22	105.03 -0.29 -48.69	112.84 0.24 -56.62	106.01 0.32 -49.10	79.57 0.30 -33.65	79.23 0.18 -37.84	72.55 0.10 -37.58	79.80 0.02 -44.19	71.57 0.13 -35.45	77.53 -0.44 -43.23	49.31 -0.38 -15.27	64.83 -0.16 -28.49	90.19 -0.27 -41.64	107.15 0.26 -55.62	102.11 0.57 -54.49	104.29 0.59 -54.86	86.73 0.16 -42.10	39.46 0.07 -2.55	45.91 0.29 -7.48
ALTAMONT_115KV_TB 2 55880	41.45 0.50 0.00	42.25 0.55 0.00	36.65 0.48 0.00	34.79 0.45 0.00	34.98 0.43 0.00	37.59 0.38 0.00	57.12 0.49 0.00	56.48 0.51 0.00	57.09 0.51 0.00	46.03 0.42 0.00	41.60 0.38 0.00	35.31 0.43 0.00	36.15 0.56 0.00	36.52 0.53 0.00	35.32 0.59 0.00	35.03 0.61 0.00	37.22 0.72 0.00	49.81 1.00 0.00	52.25 0.99 0.00	47.88 0.84 0.00	49.70 0.86 0.00	45.29 0.81 0.00	37.53 0.69 0.00	38.81 0.66 0.00
ALTONA_WT_PWR 323606	40.75 -0.20 0.00	41.78 0.07 0.00	36.50 0.33 0.00	34.88 0.54 0.00	35.15 0.60 0.00	38.06 0.85 0.00	57.96 1.33 0.00	57.00 1.03 0.00	57.75 1.17 0.00	46.30 0.69 0.00	41.30 0.08 0.00	34.45 -0.42 0.00	34.74 -0.85 0.00	10.32 -0.92 24.75	-4.48 -0.91 38.30	33.58 -0.85 0.00	35.48 -1.02 0.00	38.55 -1.47 8.79	-23.73 -1.73 73.26	-23.77 -1.53 69.29	-23.78 -1.30 71.32	-23.78 -0.93 67.33	-23.78 -0.66 59.97	-23.78 -0.79 61.13
AMERICAN_REF_FUEL 24010	37.90 -2.36 0.69	38.49 -2.82 0.39	33.24 -2.55 0.38	27.64 -2.62 4.08	31.67 -2.49 0.39	32.14 -2.46 2.62	40.62 -3.90 12.10	36.02 -4.00 15.95	43.39 -3.88 9.32	42.31 -2.62 0.69	32.72 -2.10 6.40	23.99 -1.97 8.92	22.55 -1.95 11.09	26.45 -1.64 7.89	22.68 -1.95 10.10	31.06 -2.37 0.99	27.23 -2.58 6.68	35.27 -3.78 9.76	34.14 -3.51 13.62	30.75 -2.87 13.43	32.73 -3.04 13.07	32.28 -2.93 9.27	34.47 -2.35 0.02	36.26 -1.88 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	38.19 -1.82 0.94	39.03 -2.14 0.53	33.36 -2.30 0.52	26.47 -2.87 5.00	31.29 -2.72 0.53	30.56 -3.37 3.28	41.25 -4.94 10.44	37.37 -4.63 13.97	43.77 -4.70 8.11	41.44 -3.44 0.73	32.57 -2.96 5.69	24.51 -2.66 7.71	23.86 -2.70 9.04	27.26 -2.39 6.34	24.12 -2.49 8.13	31.26 -2.78 0.39	28.04 -3.07 5.39	36.73 -4.21 7.87	36.03 -3.89 11.35	32.63 -3.18 11.24	34.98 -3.19 10.67	33.95 -3.15 7.37	34.53 -2.38 -0.07	36.67 -1.75 -0.28
ARTHUR KILL_GT_1 23520	43.59 2.63 0.00	44.20 2.50 0.00	38.08 1.91 0.00	36.21 1.87 0.00	36.67 2.11 0.00	39.58 2.37 0.00	60.46 3.83 0.00	59.63 3.66 0.00	60.25 3.67 0.00	48.79 3.18 0.00	44.40 3.17 0.00	37.88 3.01 0.00	38.74 3.15 0.00	39.07 3.08 0.00	37.75 3.01 0.00	37.25 2.82 0.00	39.33 2.83 0.00	52.90 4.09 0.00	55.84 4.57 0.00	51.08 4.04 0.00	52.66 3.83 0.00	47.91 3.43 0.00	39.50 2.66 0.00	40.55 2.40 0.00
ARTHUR_KILL_2 23512	43.47 2.52 0.00	44.08 2.38 0.00	37.98 1.81 0.00	36.12 1.78 0.00	36.57 2.02 0.00	39.48 2.27 0.00	60.28 3.65 0.00	59.46 3.49 0.00	60.08 3.49 0.00	48.65 3.04 0.00	44.23 3.01 0.00	37.79 2.91 0.00	38.65 3.06 0.00	38.98 2.99 0.00	37.63 2.90 0.00	37.16 2.73 0.00	39.23 2.73 0.00	52.73 3.92 0.00	55.67 4.41 0.00	50.94 3.89 0.00	52.51 3.68 0.00	47.77 3.29 0.00	39.39 2.54 0.00	40.43 2.29 0.00
ARTHUR_KILL_3 23513	43.09 2.14 0.00	43.70 1.99 0.00	37.66 1.49 0.00	35.68 1.35 0.00	35.97 1.42 0.00	38.81 1.59 0.00	59.33 2.70 0.00	58.88 2.90 0.00	59.57 2.99 0.00	48.32 2.71 0.00	43.99 2.77 0.00	37.57 2.69 0.00	38.48 2.89 0.00	38.81 2.82 0.00	37.43 2.70 0.00	36.99 2.56 0.00	39.03 2.53 0.00	52.43 3.62 0.00	55.22 3.96 0.00	50.69 3.64 0.00	52.39 3.55 0.00	47.68 3.20 0.00	39.31 2.47 0.00	40.32 2.18 0.00

ARTHUR_KILL_COGEN 323718	43.59 2.63 0.00	44.20 2.50 0.00	38.08 1.91 0.00	36.21 1.87 0.00	36.66 2.11 0.00	39.58 2.37 0.00	60.45 3.82 0.00	59.62 3.65 0.00	60.25 3.67 0.00	48.78 3.17 0.00	44.35 3.13 0.00	37.88 3.00 0.00	38.74 3.15 0.00	39.06 3.07 0.00	37.73 3.00 0.00	37.25 2.83 0.00	39.33 2.83 0.00	52.88 4.07 0.00	55.84 4.57 0.00	51.08 4.03 0.00	52.66 3.83 0.00	47.90 3.42 0.00	39.50 2.66 0.00	40.54 2.40 0.00
ASHOKAN____ 23654	42.19 1.23 0.00	42.93 1.22 0.00	37.19 1.02 0.00	35.28 0.94 0.00	35.47 0.91 0.00	38.19 0.98 0.00	58.25 1.62 0.00	57.86 1.89 0.00	58.51 1.92 0.00	47.06 1.45 0.00	42.22 1.00 0.00	35.99 1.11 0.00	37.01 1.41 0.00	37.19 1.20 0.00	35.92 1.19 0.00	35.60 1.18 0.00	38.01 1.51 0.00	50.98 2.17 0.00	53.63 2.36 0.00	49.14 2.09 0.00	50.91 2.08 0.00	46.38 1.90 0.00	38.22 1.38 0.00	39.41 1.26 0.00
ASTORIA_EAST_ENERGY_CC1 323581	43.11 2.16 0.00	43.69 1.99 0.00	37.63 1.46 0.00	35.73 1.40 0.00	35.95 1.40 0.00	38.82 1.61 0.00	59.28 2.65 0.00	58.92 2.95 0.00	59.68 3.10 0.00	48.41 2.80 0.00	44.05 2.83 0.00	37.67 2.80 0.00	38.54 2.94 0.00	38.81 2.82 0.00	37.49 2.75 0.00	37.01 2.58 0.00	38.99 2.49 0.00	52.42 3.61 0.00	55.20 3.94 0.00	50.68 3.64 0.00	52.40 3.56 0.00	47.67 3.20 0.00	39.33 2.49 0.00	40.30 2.15 0.00
ASTORIA_EAST_ENERGY_CC2 323582	43.10 2.14 0.00	43.67 1.97 0.00	37.61 1.44 0.00	35.72 1.39 0.00	35.94 1.39 0.00	38.81 1.59 0.00	59.27 2.64 0.00	58.89 2.92 0.00	59.64 3.06 0.00	48.40 2.78 0.00	44.02 2.80 0.00	37.66 2.78 0.00	38.52 2.93 0.00	38.79 2.80 0.00	37.47 2.74 0.00	37.00 2.57 0.00	38.97 2.47 0.00	52.37 3.56 0.00	55.18 3.92 0.00	50.65 3.61 0.00	52.37 3.53 0.00	47.65 3.17 0.00	39.30 2.46 0.00	40.28 2.14 0.00
ASTORIA_GT2_1 24094	43.12 2.16 0.00	43.69 1.99 0.00	37.64 1.47 0.00	35.73 1.40 0.00	35.96 1.41 0.00	38.82 1.60 0.00	59.30 2.68 0.00	58.92 2.95 0.00	59.67 3.09 0.00	48.42 2.81 0.00	44.09 2.87 0.00	37.69 2.81 0.00	38.55 2.96 0.00	38.83 2.83 0.00	37.53 2.79 0.00	37.00 2.58 0.00	39.00 2.50 0.00	52.42 3.61 0.00	55.21 3.94 0.00	50.69 3.65 0.00	52.40 3.57 0.00	47.67 3.20 0.00	39.33 2.49 0.00	40.30 2.16 0.00
ASTORIA_GT2_2 24095	43.12 2.16 0.00	43.69 1.99 0.00	37.64 1.47 0.00	35.73 1.40 0.00	35.96 1.41 0.00	38.82 1.60 0.00	59.30 2.68 0.00	58.92 2.95 0.00	59.67 3.09 0.00	48.42 2.81 0.00	44.09 2.87 0.00	37.69 2.81 0.00	38.55 2.96 0.00	38.83 2.83 0.00	37.53 2.79 0.00	37.00 2.58 0.00	39.00 2.50 0.00	52.42 3.61 0.00	55.21 3.94 0.00	50.69 3.65 0.00	52.40 3.57 0.00	47.67 3.20 0.00	39.33 2.49 0.00	40.30 2.16 0.00
ASTORIA_GT2_3 24096	43.12 2.16 0.00	43.69 1.99 0.00	37.64 1.47 0.00	35.73 1.40 0.00	35.96 1.41 0.00	38.82 1.60 0.00	59.30 2.68 0.00	58.92 2.95 0.00	59.67 3.09 0.00	48.42 2.81 0.00	44.09 2.87 0.00	37.69 2.81 0.00	38.55 2.96 0.00	38.83 2.83 0.00	37.53 2.79 0.00	37.00 2.58 0.00	39.00 2.50 0.00	52.42 3.61 0.00	55.21 3.94 0.00	50.69 3.65 0.00	52.40 3.57 0.00	47.67 3.20 0.00	39.33 2.49 0.00	40.30 2.16 0.00
ASTORIA_GT2_4 24097	43.12 2.16 0.00	43.69 1.99 0.00	37.64 1.47 0.00	35.73 1.40 0.00	35.96 1.41 0.00	38.82 1.60 0.00	59.30 2.68 0.00	58.92 2.95 0.00	59.67 3.09 0.00	48.42 2.81 0.00	44.09 2.87 0.00	37.69 2.81 0.00	38.55 2.96 0.00	38.83 2.83 0.00	37.53 2.79 0.00	37.00 2.58 0.00	39.00 2.50 0.00	52.42 3.61 0.00	55.21 3.94 0.00	50.69 3.65 0.00	52.40 3.57 0.00	47.67 3.20 0.00	39.33 2.49 0.00	40.30 2.16 0.00
ASTORIA_GT3_1 24098	43.12 2.16 0.00	43.69 1.99 0.00	37.64 1.47 0.00	35.73 1.40 0.00	35.96 1.41 0.00	38.82 1.60 0.00	59.30 2.68 0.00	58.92 2.95 0.00	59.67 3.09 0.00	48.42 2.81 0.00	44.09 2.87 0.00	37.69 2.81 0.00	38.55 2.96 0.00	38.83 2.83 0.00	37.53 2.79 0.00	37.00 2.58 0.00	39.00 2.50 0.00	52.42 3.61 0.00	55.21 3.94 0.00	50.69 3.65 0.00	52.40 3.57 0.00	47.67 3.20 0.00	39.33 2.49 0.00	40.30 2.16 0.00
ASTORIA_GT3_2 24099	43.12 2.16 0.00	43.69 1.99 0.00	37.64 1.47 0.00	35.73 1.40 0.00	35.96 1.41 0.00	38.82 1.60 0.00	59.30 2.68 0.00	58.92 2.95 0.00	59.67 3.09 0.00	48.42 2.81 0.00	44.09 2.87 0.00	37.69 2.81 0.00	38.55 2.96 0.00	38.83 2.83 0.00	37.53 2.79 0.00	37.00 2.58 0.00	39.00 2.50 0.00	52.42 3.61 0.00	55.21 3.94 0.00	50.69 3.65 0.00	52.40 3.57 0.00	47.67 3.20 0.00	39.33 2.49 0.00	40.30 2.16 0.00
ASTORIA_GT3_3 24100	43.12 2.16 0.00	43.69 1.99 0.00	37.64 1.47 0.00	35.73 1.40 0.00	35.96 1.41 0.00	38.82 1.60 0.00	59.30 2.68 0.00	58.92 2.95 0.00	59.67 3.09 0.00	48.42 2.81 0.00	44.09 2.87 0.00	37.69 2.81 0.00	38.55 2.96 0.00	38.83 2.83 0.00	37.53 2.79 0.00	37.00 2.58 0.00	39.00 2.50 0.00	52.42 3.61 0.00	55.21 3.94 0.00	50.69 3.65 0.00	52.40 3.57 0.00	47.67 3.20 0.00	39.33 2.49 0.00	40.30 2.16 0.00
ASTORIA_GT3_4 24101	43.12 2.16 0.00	43.69 1.99 0.00	37.64 1.47 0.00	35.73 1.40 0.00	35.96 1.41 0.00	38.82 1.60 0.00	59.30 2.68 0.00	58.92 2.95 0.00	59.67 3.09 0.00	48.42 2.81 0.00	44.09 2.87 0.00	37.69 2.81 0.00	38.55 2.96 0.00	38.83 2.83 0.00	37.53 2.79 0.00	37.00 2.58 0.00	39.00 2.50 0.00	52.42 3.61 0.00	55.21 3.94 0.00	50.69 3.65 0.00	52.40 3.57 0.00	47.67 3.20 0.00	39.33 2.49 0.00	40.30 2.16 0.00
ASTORIA_GT4_1 24102	43.12 2.16 0.00	43.69 1.99 0.00	37.64 1.47 0.00	35.73 1.40 0.00	35.96 1.41 0.00	38.82 1.60 0.00	59.30 2.68 0.00	58.92 2.95 0.00	59.67 3.09 0.00	48.42 2.81 0.00	44.09 2.87 0.00	37.69 2.81 0.00	38.55 2.96 0.00	38.83 2.83 0.00	37.53 2.79 0.00	37.00 2.58 0.00	39.00 2.50 0.00	52.42 3.61 0.00	55.21 3.94 0.00	50.69 3.65 0.00	52.40 3.57 0.00	47.67 3.20 0.00	39.33 2.49 0.00	40.30 2.16 0.00
ASTORIA_GT4_2 24103	43.12 2.16 0.00	43.69 1.99 0.00	37.64 1.47 0.00	35.73 1.40 0.00	35.96 1.41 0.00	38.82 1.60 0.00	59.30 2.68 0.00	58.92 2.95 0.00	59.67 3.09 0.00	48.42 2.81 0.00	44.09 2.87 0.00	37.69 2.81 0.00	38.55 2.96 0.00	38.83 2.83 0.00	37.53 2.79 0.00	37.00 2.58 0.00	39.00 2.50 0.00	52.42 3.61 0.00	55.21 3.94 0.00	50.69 3.65 0.00	52.40 3.57 0.00	47.67 3.20 0.00	39.33 2.49 0.00	40.30 2.16 0.00
ASTORIA_GT4_3 24104	43.12 2.16 0.00	43.69 1.99 0.00	37.64 1.47 0.00	35.73 1.40 0.00	35.96 1.41 0.00	38.82 1.60 0.00	59.30 2.68 0.00	58.92 2.95 0.00	59.67 3.09 0.00	48.42 2.81 0.00	44.09 2.87 0.00	37.69 2.81 0.00	38.55 2.96 0.00	38.83 2.83 0.00	37.53 2.79 0.00	37.00 2.58 0.00	39.00 2.50 0.00	52.42 3.61 0.00	55.21 3.94 0.00	50.69 3.65 0.00	52.40 3.57 0.00	47.67 3.20 0.00	39.33 2.49 0.00	40.30 2.16 0.00

ASTORIA_GT4_4 24105	43.12 2.16 0.00	43.69 1.99 0.00	37.64 1.47 0.00	35.73 1.40 0.00	35.96 1.41 0.00	38.82 1.60 0.00	59.30 2.68 0.00	58.92 2.95 0.00	59.67 3.09 0.00	48.42 2.81 0.00	44.09 2.87 0.00	37.69 2.81 0.00	38.55 2.96 0.00	38.83 2.83 0.00	37.53 2.79 0.00	37.00 2.58 0.00	39.00 2.50 0.00	52.42 3.61 0.00	55.21 3.94 0.00	50.69 3.65 0.00	52.40 3.57 0.00	47.67 3.20 0.00	39.33 2.49 0.00	40.30 2.16 0.00
ASTORIA_GT_1 23523	43.18 2.23 0.00	43.75 2.05 0.00	37.70 1.53 0.00	35.79 1.46 0.00	36.01 1.46 0.00	38.88 1.67 0.00	59.40 2.77 0.00	59.03 3.06 0.00	59.79 3.21 0.00	48.52 2.91 0.00	44.17 2.96 0.00	37.76 2.89 0.00	38.63 3.04 0.00	38.90 2.91 0.00	37.60 2.87 0.00	37.08 2.65 0.00	39.07 2.57 0.00	52.52 3.71 0.00	55.32 4.05 0.00	50.79 3.75 0.00	52.50 3.66 0.00	47.76 3.29 0.00	39.40 2.56 0.00	40.37 2.23 0.00
ASTORIA_GT_10 24110	43.12 2.16 0.00	43.72 2.02 0.00	37.70 1.53 0.00	35.76 1.43 0.00	36.05 1.50 0.00	38.89 1.68 0.00	59.41 2.78 0.00	58.80 2.83 0.00	59.52 2.94 0.00	48.36 2.75 0.00	44.08 2.86 0.00	37.67 2.79 0.00	38.55 2.95 0.00	38.86 2.86 0.00	37.51 2.77 0.00	37.04 2.61 0.00	39.03 2.53 0.00	52.40 3.59 0.00	55.15 3.89 0.00	50.67 3.63 0.00	52.35 3.52 0.00	47.66 3.18 0.00	39.32 2.47 0.00	40.30 2.16 0.00
ASTORIA_GT_11 24225	43.12 2.16 0.00	43.72 2.02 0.00	37.70 1.53 0.00	35.76 1.43 0.00	36.05 1.50 0.00	38.89 1.68 0.00	59.41 2.78 0.00	58.80 2.83 0.00	59.52 2.94 0.00	48.36 2.75 0.00	44.08 2.86 0.00	37.67 2.79 0.00	38.55 2.95 0.00	38.86 2.86 0.00	37.51 2.77 0.00	37.04 2.61 0.00	39.03 2.53 0.00	52.40 3.59 0.00	55.15 3.89 0.00	50.67 3.63 0.00	52.35 3.52 0.00	47.66 3.18 0.00	39.32 2.47 0.00	40.30 2.16 0.00
ASTORIA_GT_12 24226	43.12 2.16 0.00	43.72 2.02 0.00	37.70 1.53 0.00	35.76 1.43 0.00	36.05 1.50 0.00	38.89 1.68 0.00	59.41 2.78 0.00	58.80 2.83 0.00	59.52 2.94 0.00	48.36 2.75 0.00	44.08 2.86 0.00	37.67 2.79 0.00	38.55 2.95 0.00	38.86 2.86 0.00	37.51 2.77 0.00	37.04 2.61 0.00	39.03 2.53 0.00	52.40 3.59 0.00	55.15 3.89 0.00	50.67 3.63 0.00	52.35 3.52 0.00	47.66 3.18 0.00	39.32 2.47 0.00	40.30 2.16 0.00
ASTORIA_GT_13 24227	43.12 2.16 0.00	43.72 2.02 0.00	37.70 1.53 0.00	35.76 1.43 0.00	36.05 1.50 0.00	38.89 1.68 0.00	59.41 2.78 0.00	58.80 2.83 0.00	59.52 2.94 0.00	48.36 2.75 0.00	44.08 2.86 0.00	37.67 2.79 0.00	38.55 2.95 0.00	38.86 2.86 0.00	37.51 2.77 0.00	37.04 2.61 0.00	39.03 2.53 0.00	52.40 3.59 0.00	55.15 3.89 0.00	50.67 3.63 0.00	52.35 3.52 0.00	47.66 3.18 0.00	39.32 2.47 0.00	40.30 2.16 0.00
ASTORIA_GT_5 24106	43.18 2.23 0.00	43.75 2.05 0.00	37.70 1.53 0.00	35.79 1.46 0.00	36.01 1.46 0.00	38.88 1.67 0.00	59.40 2.77 0.00	59.03 3.06 0.00	59.79 3.21 0.00	48.52 2.91 0.00	44.17 2.96 0.00	37.76 2.89 0.00	38.63 3.04 0.00	38.90 2.91 0.00	37.60 2.87 0.00	37.08 2.65 0.00	39.07 2.57 0.00	52.52 3.71 0.00	55.32 4.05 0.00	50.79 3.75 0.00	52.50 3.66 0.00	47.76 3.29 0.00	39.40 2.56 0.00	40.37 2.23 0.00
ASTORIA_GT_7 24107	43.18 2.23 0.00	43.75 2.05 0.00	37.70 1.53 0.00	35.79 1.46 0.00	36.01 1.46 0.00	38.88 1.67 0.00	59.40 2.77 0.00	59.03 3.06 0.00	59.79 3.21 0.00	48.52 2.91 0.00	44.17 2.96 0.00	37.76 2.89 0.00	38.63 3.04 0.00	38.90 2.91 0.00	37.60 2.87 0.00	37.08 2.65 0.00	39.07 2.57 0.00	52.52 3.71 0.00	55.32 4.05 0.00	50.79 3.75 0.00	52.50 3.66 0.00	47.76 3.29 0.00	39.40 2.56 0.00	40.37 2.23 0.00
ASTORIA_GT_8 24108	43.18 2.23 0.00	43.75 2.05 0.00	37.70 1.53 0.00	35.79 1.46 0.00	36.01 1.46 0.00	38.88 1.67 0.00	59.40 2.77 0.00	59.03 3.06 0.00	59.79 3.21 0.00	48.52 2.91 0.00	44.17 2.96 0.00	37.76 2.89 0.00	38.63 3.04 0.00	38.90 2.91 0.00	37.60 2.87 0.00	37.08 2.65 0.00	39.07 2.57 0.00	52.52 3.71 0.00	55.32 4.05 0.00	50.79 3.75 0.00	52.50 3.66 0.00	47.76 3.29 0.00	39.40 2.56 0.00	40.37 2.23 0.00
ASTORIA___2 24149	43.11 2.16 0.00	43.69 1.99 0.00	37.63 1.46 0.00	35.73 1.40 0.00	35.95 1.40 0.00	38.82 1.61 0.00	59.28 2.65 0.00	58.92 2.95 0.00	59.68 3.10 0.00	48.41 2.80 0.00	44.05 2.83 0.00	37.67 2.80 0.00	38.54 2.94 0.00	38.81 2.82 0.00	37.49 2.75 0.00	37.01 2.58 0.00	38.99 2.49 0.00	52.42 3.61 0.00	55.20 3.94 0.00	50.68 3.64 0.00	52.40 3.56 0.00	47.67 3.20 0.00	39.33 2.49 0.00	40.30 2.15 0.00
ASTORIA___3 23516	43.12 2.16 0.00	43.72 2.01 0.00	37.69 1.52 0.00	35.76 1.43 0.00	36.05 1.50 0.00	38.89 1.68 0.00	59.39 2.76 0.00	58.80 2.82 0.00	59.53 2.94 0.00	48.35 2.73 0.00	44.04 2.82 0.00	37.66 2.79 0.00	38.54 2.95 0.00	38.85 2.85 0.00	37.49 2.76 0.00	37.05 2.62 0.00	39.03 2.53 0.00	52.39 3.58 0.00	55.14 3.88 0.00	50.65 3.61 0.00	52.35 3.51 0.00	47.66 3.18 0.00	39.32 2.47 0.00	40.29 2.15 0.00
ASTORIA___4 23517	43.12 2.16 0.00	43.72 2.02 0.00	37.70 1.53 0.00	35.76 1.43 0.00	36.05 1.50 0.00	38.89 1.68 0.00	59.41 2.78 0.00	58.80 2.83 0.00	59.52 2.94 0.00	48.36 2.75 0.00	44.08 2.86 0.00	37.67 2.79 0.00	38.55 2.95 0.00	38.86 2.86 0.00	37.51 2.77 0.00	37.04 2.61 0.00	39.03 2.53 0.00	52.40 3.59 0.00	55.15 3.89 0.00	50.67 3.63 0.00	52.35 3.52 0.00	47.66 3.18 0.00	39.32 2.47 0.00	40.30 2.16 0.00
ASTORIA___5 23518	43.12 2.16 0.00	43.72 2.01 0.00	37.69 1.52 0.00	35.76 1.43 0.00	36.05 1.50 0.00	38.89 1.68 0.00	59.39 2.76 0.00	58.80 2.82 0.00	59.53 2.94 0.00	48.35 2.73 0.00	44.04 2.82 0.00	37.66 2.79 0.00	38.54 2.95 0.00	38.85 2.85 0.00	37.49 2.76 0.00	37.05 2.62 0.00	39.03 2.53 0.00	52.39 3.58 0.00	55.14 3.88 0.00	50.65 3.61 0.00	52.35 3.51 0.00	47.66 3.18 0.00	39.31 2.47 0.00	40.29 2.15 0.00
AST_ENERGY_2_CC3 323677	43.25 2.29 0.00	43.85 2.14 0.00	37.80 1.63 0.00	35.82 1.49 0.00	36.13 1.58 0.00	38.97 1.76 0.00	59.58 2.95 0.00	59.06 3.09 0.00	59.77 3.19 0.00	48.50 2.89 0.00	44.16 2.94 0.00	37.73 2.85 0.00	38.63 3.04 0.00	38.96 2.97 0.00	37.56 2.83 0.00	37.11 2.69 0.00	39.15 2.65 0.00	52.59 3.78 0.00	55.38 4.12 0.00	50.82 3.77 0.00	52.54 3.71 0.00	47.80 3.33 0.00	39.41 2.57 0.00	40.43 2.29 0.00
AST_ENERGY_2_CC4 323678	43.25 2.29 0.00	43.85 2.14 0.00	37.80 1.63 0.00	35.82 1.49 0.00	36.13 1.58 0.00	38.97 1.76 0.00	59.58 2.95 0.00	59.06 3.09 0.00	59.77 3.19 0.00	48.50 2.89 0.00	44.16 2.94 0.00	37.73 2.85 0.00	38.63 3.04 0.00	38.96 2.97 0.00	37.56 2.83 0.00	37.11 2.69 0.00	39.15 2.65 0.00	52.59 3.78 0.00	55.38 4.12 0.00	50.82 3.77 0.00	52.54 3.71 0.00	47.80 3.33 0.00	39.41 2.57 0.00	40.43 2.29 0.00

ATHENS_STG_1 23668	41.97 1.01 0.00	42.77 1.06 0.00	36.99 0.82 0.00	35.08 0.75 0.00	35.29 0.74 0.00	37.94 0.72 0.00	57.75 1.12 0.00	57.14 1.17 0.00	57.79 1.20 0.00	46.66 1.05 0.00	42.29 1.07 0.00	35.98 1.10 0.00	36.83 1.24 0.00	37.20 1.20 0.00	35.94 1.20 0.00	35.58 1.16 0.00	37.73 1.23 0.00	50.52 1.71 0.00	53.07 1.81 0.00	48.65 1.61 0.00	50.45 1.61 0.00	45.96 1.48 0.00	38.01 1.16 0.00	39.19 1.04 0.00
ATHENS_STG_2 23670	41.97 1.01 0.00	42.77 1.06 0.00	36.99 0.82 0.00	35.08 0.75 0.00	35.29 0.74 0.00	37.94 0.72 0.00	57.75 1.12 0.00	57.14 1.17 0.00	57.79 1.20 0.00	46.66 1.05 0.00	42.29 1.07 0.00	35.98 1.10 0.00	36.83 1.24 0.00	37.20 1.20 0.00	35.94 1.20 0.00	35.58 1.16 0.00	37.73 1.23 0.00	50.52 1.71 0.00	53.07 1.81 0.00	48.65 1.61 0.00	50.45 1.61 0.00	45.96 1.48 0.00	38.01 1.16 0.00	39.19 1.04 0.00
ATHENS_STG_3 23677	41.97 1.01 0.00	42.77 1.06 0.00	36.99 0.82 0.00	35.08 0.75 0.00	35.29 0.74 0.00	37.94 0.72 0.00	57.75 1.12 0.00	57.14 1.17 0.00	57.79 1.20 0.00	46.66 1.05 0.00	42.29 1.07 0.00	35.98 1.10 0.00	36.83 1.24 0.00	37.20 1.20 0.00	35.94 1.20 0.00	35.58 1.16 0.00	37.73 1.23 0.00	50.52 1.71 0.00	53.07 1.81 0.00	48.65 1.61 0.00	50.45 1.61 0.00	45.96 1.48 0.00	38.01 1.16 0.00	39.19 1.04 0.00
AUBURN___LFGE 323710	40.96 0.00 0.00	41.59 -0.12 0.00	36.00 -0.17 0.00	35.31 -0.23 -1.21	34.36 -0.19 0.00	37.88 -0.14 -0.81	56.72 0.02 -0.07	55.90 -0.08 0.00	56.50 -0.08 0.00	45.61 -0.01 0.00	41.42 0.20 0.00	35.14 0.27 0.00	36.88 0.26 -1.03	37.36 0.25 -1.12	35.67 0.08 -0.86	34.52 0.09 0.00	36.60 0.10 0.00	48.92 0.11 0.00	51.52 0.25 0.00	47.30 0.25 0.00	49.04 0.21 0.00	44.49 0.02 0.00	36.86 0.01 0.00	38.24 0.10 0.00
BABYLON_RES_REC 323704	43.16 2.21 0.00	43.56 1.87 0.02	37.47 1.29 0.00	35.57 1.24 0.00	35.84 1.29 0.00	38.65 1.44 0.00	58.34 2.12 0.41	29.02 2.32 29.27	30.19 2.34 28.74	42.62 2.19 5.19	44.04 2.70 -0.12	44.79 2.76 -7.15	40.85 2.95 -2.31	44.00 2.91 -5.10	38.23 2.64 -0.86	29.13 1.97 7.26	28.09 2.06 10.47	49.24 3.24 2.82	54.96 3.69 0.00	50.36 3.31 0.00	66.85 3.81 -14.20	47.76 3.29 0.00	39.15 2.30 0.00	39.40 1.91 0.65
BALL_HILL_WT_PWR 323825	38.44 -1.63 0.89	39.10 -2.10 0.50	33.60 -2.08 0.49	27.21 -2.46 4.66	31.78 -2.27 0.50	31.65 -2.53 3.03	40.38 -3.81 12.44	35.87 -3.57 16.53	43.38 -3.57 9.63	42.29 -2.55 0.78	32.51 -2.03 6.68	23.88 -1.81 9.18	22.58 -1.81 11.20	26.53 -1.50 7.96	22.74 -1.80 10.19	31.26 -2.16 1.01	27.37 -2.37 6.75	35.61 -3.34 9.86	34.42 -2.89 13.95	30.89 -2.37 13.78	33.04 -2.53 13.27	32.56 -2.55 9.36	34.85 -1.97 0.03	36.60 -1.54 0.00
BARON_WINDS___WT_PWR 323822	40.33 -1.47 -0.84	40.00 -2.18 -0.48	34.21 -2.43 -0.47	24.36 -3.13 6.84	29.20 -2.93 2.42	3.08 -3.23 30.90	-36.14 -4.45 88.32	-51.41 -3.90 103.49	-30.46 -4.28 82.77	-4.23 -3.36 46.47	-23.24 -2.77 61.69	-33.92 -2.14 66.66	-49.20 -1.98 82.81	-30.57 -1.71 64.85	-47.49 -2.16 80.07	9.27 -2.52 22.64	-18.84 -2.53 52.81	-31.72 -3.34 77.18	-53.45 -2.90 101.82	-55.00 -2.48 99.57	-55.00 -2.61 101.23	-35.09 -2.86 76.71	31.07 -2.31 3.47	25.91 -2.21 10.02
BARRETT_IC_1 23704	43.14 2.12 -0.06	43.51 1.81 0.00	37.45 1.28 0.00	35.54 1.20 0.00	35.80 1.25 0.00	38.61 1.39 0.00	58.38 1.85 0.10	24.41 1.83 33.39	23.64 1.84 34.79	48.31 1.88 -0.82	44.85 2.56 -1.06	47.53 2.62 -10.04	46.30 2.89 -7.82	77.53 2.82 -38.72	41.36 2.54 -4.08	37.79 1.95 -1.42	40.17 1.95 -1.72	50.99 2.88 0.70	54.56 3.30 0.00	50.00 2.95 0.00	65.76 3.24 -13.68	47.35 2.87 0.00	38.98 2.13 0.00	41.68 1.76 -1.78
BARRETT_IC_10 23701	43.14 2.12 -0.06	43.51 1.81 0.00	37.45 1.28 0.00	35.54 1.20 0.00	35.80 1.25 0.00	38.61 1.39 0.00	58.38 1.85 0.10	24.41 1.83 33.39	23.64 1.84 34.79	48.31 1.88 -0.82	44.85 2.56 -1.06	47.53 2.62 -10.04	46.30 2.89 -7.82	77.53 2.82 -38.72	41.36 2.54 -4.08	37.79 1.95 -1.42	40.17 1.95 -1.72	50.99 2.88 0.70	54.56 3.30 0.00	50.00 2.95 0.00	65.76 3.24 -13.68	47.35 2.87 0.00	38.98 2.13 0.00	41.68 1.76 -1.78
BARRETT_IC_11 23702	43.14 2.12 -0.06	43.51 1.81 0.00	37.45 1.28 0.00	35.54 1.20 0.00	35.80 1.25 0.00	38.61 1.39 0.00	58.38 1.85 0.10	24.41 1.83 33.39	23.64 1.84 34.79	48.31 1.88 -0.82	44.85 2.56 -1.06	47.53 2.62 -10.04	46.30 2.89 -7.82	77.53 2.82 -38.72	41.36 2.54 -4.08	37.79 1.95 -1.42	40.17 1.95 -1.72	50.99 2.88 0.70	54.56 3.30 0.00	50.00 2.95 0.00	65.76 3.24 -13.68	47.35 2.87 0.00	38.98 2.13 0.00	41.68 1.76 -1.78
BARRETT_IC_12 23703	43.14 2.12 -0.06	43.51 1.81 0.00	37.45 1.28 0.00	35.54 1.20 0.00	35.80 1.25 0.00	38.61 1.39 0.00	58.38 1.85 0.10	24.41 1.83 33.39	23.64 1.84 34.79	48.31 1.88 -0.82	44.85 2.56 -1.06	47.53 2.62 -10.04	46.30 2.89 -7.82	77.53 2.82 -38.72	41.36 2.54 -4.08	37.79 1.95 -1.42	40.17 1.95 -1.72	50.99 2.88 0.70	54.56 3.30 0.00	50.00 2.95 0.00	65.76 3.24 -13.68	47.35 2.87 0.00	38.98 2.13 0.00	41.68 1.76 -1.78
BARRETT_IC_2 23705	43.14 2.12 -0.06	43.51 1.81 0.00	37.45 1.28 0.00	35.54 1.20 0.00	35.80 1.25 0.00	38.61 1.39 0.00	58.38 1.85 0.10	24.41 1.83 33.39	23.64 1.84 34.79	48.31 1.88 -0.82	44.85 2.56 -1.06	47.53 2.62 -10.04	46.30 2.89 -7.82	77.53 2.82 -38.72	41.36 2.54 -4.08	37.79 1.95 -1.42	40.17 1.95 -1.72	50.99 2.88 0.70	54.56 3.30 0.00	50.00 2.95 0.00	65.76 3.24 -13.68	47.35 2.87 0.00	38.98 2.13 0.00	41.68 1.76 -1.78
BARRETT_IC_3 23706	43.14 2.12 -0.06	43.51 1.81 0.00	37.45 1.28 0.00	35.54 1.20 0.00	35.80 1.25 0.00	38.61 1.39 0.00	58.38 1.85 0.10	24.41 1.83 33.39	23.64 1.84 34.79	48.31 1.88 -0.82	44.85 2.56 -1.06	47.53 2.62 -10.04	46.30 2.89 -7.82	77.53 2.82 -38.72	41.36 2.54 -4.08	37.79 1.95 -1.42	40.17 1.95 -1.72	50.99 2.88 0.70	54.56 3.30 0.00	50.00 2.95 0.00	65.76 3.24 -13.68	47.35 2.87 0.00	38.98 2.13 0.00	41.68 1.76 -1.78
BARRETT_IC_4 23707	43.14 2.12 -0.06	43.51 1.81 0.00	37.45 1.28 0.00	35.54 1.20 0.00	35.80 1.25 0.00	38.61 1.39 0.00	58.38 1.85 0.10	24.41 1.83 33.39	23.64 1.84 34.79	48.31 1.88 -0.82	44.85 2.56 -1.06	47.53 2.62 -10.04	46.30 2.89 -7.82	77.53 2.82 -38.72	41.36 2.54 -4.08	37.79 1.95 -1.42	40.17 1.95 -1.72	50.99 2.88 0.70	54.56 3.30 0.00	50.00 2.95 0.00	65.76 3.24 -13.68	47.35 2.87 0.00	38.98 2.13 0.00	41.68 1.76 -1.78
BARRETT_IC_5 23708	43.14 2.12 -0.06	43.51 1.81 0.00	37.45 1.28 0.00	35.54 1.20 0.00	35.80 1.25 0.00	38.61 1.39 0.00	58.38 1.85 0.10	24.41 1.83 33.39	23.64 1.84 34.79	48.31 1.88 -0.82	44.85 2.56 -1.06	47.53 2.62 -10.04	46.30 2.89 -7.82	77.53 2.82 -38.72	41.36 2.54 -4.08	37.79 1.95 -1.42	40.17 1.95 -1.72	50.99 2.88 0.70	54.56 3.30 0.00	50.00 2.95 0.00	65.76 3.24 -13.68	47.35 2.87 0.00	38.98 2.13 0.00	41.68 1.76 -1.78

BARRETT_IC_6 23709	43.14 2.12 -0.06	43.51 1.81 0.00	37.45 1.28 0.00	35.54 1.20 0.00	35.80 1.25 0.00	38.61 1.39 0.00	58.38 1.85 0.10	24.41 1.83 33.39	23.64 1.84 34.79	48.31 1.88 -0.82	44.85 2.56 -1.06	47.53 2.62 -10.04	46.30 2.89 -7.82	77.53 2.82 -38.72	41.36 2.54 -4.08	37.79 1.95 -1.42	40.17 1.95 -1.72	50.99 2.88 0.70	54.56 3.30 0.00	50.00 2.95 0.00	65.76 3.24 -13.68	47.35 2.87 0.00	38.98 2.13 0.00	41.68 1.76 -1.78
BARRETT_IC_7 23710	43.14 2.13 -0.06	43.51 1.81 0.00	37.46 1.29 0.00	35.54 1.20 0.00	35.81 1.25 0.00	38.61 1.39 0.00	58.39 1.86 0.10	24.44 1.86 33.39	23.66 1.86 34.79	48.30 1.87 -0.82	44.92 2.64 -1.06	47.54 2.62 -10.04	46.30 2.89 -7.82	77.54 2.83 -38.72	41.37 2.55 -4.08	37.80 1.96 -1.42	40.19 1.97 -1.72	50.99 2.87 0.70	54.56 3.30 0.00	50.00 2.96 0.00	65.76 3.24 -13.68	47.35 2.87 0.00	38.98 2.14 0.00	41.69 1.76 -1.78
BARRETT_IC_8 23711	43.14 2.12 -0.06	43.51 1.81 0.00	37.45 1.28 0.00	35.54 1.20 0.00	35.80 1.25 0.00	38.61 1.39 0.00	58.38 1.85 0.10	24.41 1.83 33.39	23.64 1.84 34.79	48.31 1.88 -0.82	44.85 2.56 -1.06	47.53 2.62 -10.04	46.30 2.89 -7.82	77.53 2.82 -38.72	41.36 2.54 -4.08	37.79 1.95 -1.42	40.17 1.95 -1.72	50.99 2.88 0.70	54.56 3.30 0.00	50.00 2.95 0.00	65.76 3.24 -13.68	47.35 2.87 0.00	38.98 2.13 0.00	41.68 1.76 -1.78
BARRETT_IC_9 23700	43.14 2.12 -0.06	43.51 1.81 0.00	37.45 1.28 0.00	35.54 1.20 0.00	35.80 1.25 0.00	38.61 1.39 0.00	58.38 1.85 0.10	24.41 1.83 33.39	23.64 1.84 34.79	48.31 1.88 -0.82	44.85 2.56 -1.06	47.53 2.62 -10.04	46.30 2.89 -7.82	77.53 2.82 -38.72	41.36 2.54 -4.08	37.79 1.95 -1.42	40.17 1.95 -1.72	50.99 2.88 0.70	54.56 3.30 0.00	50.00 2.95 0.00	65.76 3.24 -13.68	47.35 2.87 0.00	38.98 2.13 0.00	41.68 1.76 -1.78
BARRETT___1 23545	43.14 2.12 -0.06	43.51 1.81 0.00	37.45 1.28 0.00	35.54 1.20 0.00	35.80 1.25 0.00	38.61 1.39 0.00	58.38 1.85 0.10	24.41 1.83 33.39	23.64 1.84 34.79	48.31 1.88 -0.82	44.85 2.56 -1.06	47.53 2.62 -10.04	46.30 2.89 -7.82	77.53 2.82 -38.72	41.36 2.54 -4.08	37.79 1.95 -1.42	40.17 1.95 -1.72	50.99 2.88 0.70	54.56 3.30 0.00	50.00 2.95 0.00	65.76 3.24 -13.68	47.35 2.87 0.00	38.98 2.13 0.00	41.68 1.76 -1.78
BARRETT___2 23546	43.14 2.12 -0.06	43.51 1.81 0.00	37.45 1.28 0.00	35.54 1.20 0.00	35.80 1.25 0.00	38.61 1.39 0.00	58.38 1.85 0.10	24.41 1.83 33.39	23.64 1.84 34.79	48.31 1.88 -0.82	44.85 2.56 -1.06	47.53 2.62 -10.04	46.30 2.89 -7.82	77.53 2.82 -38.72	41.36 2.54 -4.08	37.79 1.95 -1.42	40.17 1.95 -1.72	50.99 2.88 0.70	54.56 3.30 0.00	50.00 2.95 0.00	65.76 3.24 -13.68	47.35 2.87 0.00	38.98 2.13 0.00	41.68 1.76 -1.78
BATAVIA__115KV_TB1 55881	40.33 -0.63 0.00	40.62 -1.08 0.00	35.12 -1.05 0.00	30.01 -1.20 3.13	33.60 -1.04 -0.09	35.27 -0.86 1.09	47.51 -1.29 7.83	44.69 -1.10 10.18	50.50 -0.78 5.30	46.42 -0.34 -1.15	37.72 -0.23 3.27	29.11 -0.18 5.59	27.34 -0.26 7.99	30.27 -0.05 5.68	26.99 -0.38 7.37	33.60 -0.71 0.13	30.79 -0.83 4.88	40.29 -1.40 7.12	40.77 -1.02 9.48	37.10 -0.66 9.28	38.64 -0.82 9.37	36.93 -0.92 6.62	36.23 -0.73 -0.11	38.17 -0.39 -0.41
BAYONEEC___CTG1 323682	43.24 2.28 0.00	43.83 2.13 0.00	37.78 1.61 0.00	35.82 1.49 0.00	36.11 1.56 0.00	38.96 1.75 0.00	59.55 2.92 0.00	59.04 3.07 0.00	59.75 3.16 0.00	48.48 2.87 0.00	44.14 2.92 0.00	37.70 2.82 0.00	38.61 3.02 0.00	38.95 2.96 0.00	37.56 2.82 0.00	37.10 2.68 0.00	39.14 2.64 0.00	52.57 3.75 0.00	55.37 4.10 0.00	50.80 3.76 0.00	52.51 3.68 0.00	47.79 3.31 0.00	39.40 2.56 0.00	40.42 2.27 0.00
BAYONEEC___CTG10 323750	43.24 2.28 0.00	43.83 2.13 0.00	37.78 1.61 0.00	35.82 1.49 0.00	36.11 1.56 0.00	38.96 1.75 0.00	59.55 2.92 0.00	59.04 3.07 0.00	59.75 3.16 0.00	48.48 2.87 0.00	44.14 2.92 0.00	37.70 2.82 0.00	38.61 3.02 0.00	38.95 2.96 0.00	37.56 2.82 0.00	37.10 2.68 0.00	39.14 2.64 0.00	52.57 3.75 0.00	55.37 4.10 0.00	50.80 3.76 0.00	52.51 3.68 0.00	47.79 3.31 0.00	39.40 2.56 0.00	40.42 2.27 0.00
BAYONEEC___CTG2 323683	43.24 2.28 0.00	43.83 2.13 0.00	37.78 1.61 0.00	35.82 1.49 0.00	36.11 1.56 0.00	38.96 1.75 0.00	59.55 2.92 0.00	59.04 3.07 0.00	59.75 3.16 0.00	48.48 2.87 0.00	44.14 2.92 0.00	37.70 2.82 0.00	38.61 3.02 0.00	38.95 2.96 0.00	37.56 2.82 0.00	37.10 2.68 0.00	39.14 2.64 0.00	52.57 3.75 0.00	55.37 4.10 0.00	50.80 3.76 0.00	52.51 3.68 0.00	47.79 3.31 0.00	39.40 2.56 0.00	40.42 2.27 0.00
BAYONEEC___CTG3 323684	43.24 2.28 0.00	43.83 2.13 0.00	37.78 1.61 0.00	35.82 1.49 0.00	36.11 1.56 0.00	38.96 1.75 0.00	59.55 2.92 0.00	59.04 3.07 0.00	59.75 3.16 0.00	48.48 2.87 0.00	44.14 2.92 0.00	37.70 2.82 0.00	38.61 3.02 0.00	38.95 2.96 0.00	37.56 2.82 0.00	37.10 2.68 0.00	39.14 2.64 0.00	52.57 3.75 0.00	55.37 4.10 0.00	50.80 3.76 0.00	52.51 3.68 0.00	47.79 3.31 0.00	39.40 2.56 0.00	40.42 2.27 0.00
BAYONEEC___CTG4 323685	43.24 2.28 0.00	43.83 2.13 0.00	37.78 1.61 0.00	35.82 1.49 0.00	36.11 1.56 0.00	38.96 1.75 0.00	59.55 2.92 0.00	59.04 3.07 0.00	59.75 3.16 0.00	48.48 2.87 0.00	44.14 2.92 0.00	37.70 2.82 0.00	38.61 3.02 0.00	38.95 2.96 0.00	37.56 2.82 0.00	37.10 2.68 0.00	39.14 2.64 0.00	52.57 3.75 0.00	55.37 4.10 0.00	50.80 3.76 0.00	52.51 3.68 0.00	47.79 3.31 0.00	39.40 2.56 0.00	40.42 2.27 0.00
BAYONEEC___CTG5 323686	43.24 2.28 0.00	43.83 2.13 0.00	37.78 1.61 0.00	35.82 1.49 0.00	36.11 1.56 0.00	38.96 1.75 0.00	59.55 2.92 0.00	59.04 3.07 0.00	59.75 3.16 0.00	48.48 2.87 0.00	44.14 2.92 0.00	37.70 2.82 0.00	38.61 3.02 0.00	38.95 2.96 0.00	37.56 2.82 0.00	37.10 2.68 0.00	39.14 2.64 0.00	52.57 3.75 0.00	55.37 4.10 0.00	50.80 3.76 0.00	52.51 3.68 0.00	47.79 3.31 0.00	39.40 2.56 0.00	40.42 2.27 0.00
BAYONEEC___CTG6 323687	43.24 2.28 0.00	43.83 2.13 0.00	37.78 1.61 0.00	35.82 1.49 0.00	36.11 1.56 0.00	38.96 1.75 0.00	59.55 2.92 0.00	59.04 3.07 0.00	59.75 3.16 0.00	48.48 2.87 0.00	44.14 2.92 0.00	37.70 2.82 0.00	38.61 3.02 0.00	38.95 2.96 0.00	37.56 2.82 0.00	37.10 2.68 0.00	39.14 2.64 0.00	52.57 3.75 0.00	55.37 4.10 0.00	50.80 3.76 0.00	52.51 3.68 0.00	47.79 3.31 0.00	39.40 2.56 0.00	40.42 2.27 0.00
BAYONEEC___CTG7 323688	43.24 2.28 0.00	43.83 2.13 0.00	37.78 1.61 0.00	35.82 1.49 0.00	36.11 1.56 0.00	38.96 1.75 0.00	59.55 2.92 0.00	59.04 3.07 0.00	59.75 3.16 0.00	48.48 2.87 0.00	44.14 2.92 0.00	37.70 2.82 0.00	38.61 3.02 0.00	38.95 2.96 0.00	37.56 2.82 0.00	37.10 2.68 0.00	39.14 2.64 0.00	52.57 3.75 0.00	55.37 4.10 0.00	50.80 3.76 0.00	52.51 3.68 0.00	47.79 3.31 0.00	39.40 2.56 0.00	40.42 2.27 0.00

BAYONEEC___CTG8 323689	43.24 2.28 0.00	43.83 2.13 0.00	37.78 1.61 0.00	35.82 1.49 0.00	36.11 1.56 0.00	38.96 1.75 0.00	59.55 2.92 0.00	59.04 3.07 0.00	59.75 3.16 0.00	48.48 2.87 0.00	44.14 2.92 0.00	37.70 2.82 0.00	38.61 3.02 0.00	38.95 2.96 0.00	37.56 2.82 0.00	37.10 2.68 0.00	39.14 2.64 0.00	52.57 3.75 0.00	55.37 4.10 0.00	50.80 3.76 0.00	52.51 3.68 0.00	47.79 3.31 0.00	39.40 2.56 0.00	40.42 2.27 0.00
BAYONEEC___CTG9 323749	43.24 2.28 0.00	43.83 2.13 0.00	37.78 1.61 0.00	35.82 1.49 0.00	36.11 1.56 0.00	38.96 1.75 0.00	59.55 2.92 0.00	59.04 3.07 0.00	59.75 3.16 0.00	48.48 2.87 0.00	44.14 2.92 0.00	37.70 2.82 0.00	38.61 3.02 0.00	38.95 2.96 0.00	37.56 2.82 0.00	37.10 2.68 0.00	39.14 2.64 0.00	52.57 3.75 0.00	55.37 4.10 0.00	50.80 3.76 0.00	52.51 3.68 0.00	47.79 3.31 0.00	39.40 2.56 0.00	40.42 2.27 0.00
BEACON___LESR 323632	41.48 0.52 0.00	42.33 0.63 0.00	36.76 0.59 0.00	34.85 0.52 0.00	35.08 0.52 0.00	37.73 0.52 0.00	57.38 0.75 0.00	56.75 0.77 0.00	57.41 0.82 0.00	46.20 0.59 0.00	41.65 0.43 0.00	35.46 0.58 0.00	36.36 0.77 0.00	36.75 0.76 0.00	35.56 0.82 0.00	35.35 0.93 0.00	37.65 1.15 0.00	50.19 1.38 0.00	52.66 1.39 0.00	48.18 1.14 0.00	50.00 1.17 0.00	45.54 1.07 0.00	37.76 0.91 0.00	39.12 0.98 0.00
BEAVER RIVER___HYD 24048	42.48 1.53 0.00	43.20 1.50 0.00	37.55 1.38 0.00	35.61 1.28 0.00	35.87 1.32 0.00	38.44 1.23 0.00	58.98 2.35 0.00	56.72 0.75 0.00	56.08 -0.50 0.00	45.63 0.02 0.00	41.33 0.11 0.00	35.07 0.19 0.00	35.26 -0.33 0.00	35.52 -0.47 0.00	34.18 -0.55 0.00	33.98 -0.44 0.00	35.89 -0.61 0.00	47.38 -0.89 0.54	45.82 -0.93 4.52	41.92 -0.86 4.27	47.90 -0.85 0.09	43.93 -0.55 0.00	36.44 -0.40 0.00	37.35 -0.79 0.00
BEEBEE_GT_13 23619	40.24 -0.72 0.00	40.68 -1.03 0.00	35.20 -0.97 0.00	31.09 -1.04 2.20	33.78 -0.95 -0.18	36.58 -0.87 -0.24	55.87 -1.32 -0.56	55.16 -1.11 -0.29	57.20 -0.91 -1.52	47.86 -0.52 -2.76	42.28 -0.40 -1.46	35.14 -0.35 -0.62	35.08 -0.51 0.00	35.72 -0.40 -0.13	34.12 -0.62 0.00	34.65 -0.74 -0.97	35.62 -0.87 0.00	47.44 -1.38 0.00	50.07 -1.19 0.00	46.13 -0.91 0.00	47.81 -1.03 0.00	43.64 -1.06 -0.23	36.24 -0.82 -0.21	38.20 -0.61 -0.66
BENSHRST_27_KV_BENSHRST_1 355998	43.49 2.53 0.00	44.05 2.34 0.00	37.94 1.77 0.00	36.00 1.67 0.00	36.32 1.77 0.00	39.20 1.99 0.00	59.94 3.31 0.00	59.40 3.43 0.00	60.11 3.53 0.00	48.77 3.15 0.00	44.42 3.20 0.00	37.94 3.06 0.00	38.81 3.22 0.00	39.14 3.15 0.00	37.78 3.04 0.00	37.30 2.88 0.00	39.37 2.87 0.00	52.91 4.10 0.00	55.77 4.50 0.00	51.17 4.13 0.00	52.82 3.98 0.00	48.04 3.56 0.00	39.60 2.76 0.00	40.60 2.45 0.00
BETHLEHEM___GRP 23843	40.87 -0.09 0.00	41.68 -0.03 0.00	36.24 0.07 0.00	34.43 0.09 0.00	34.62 0.07 0.00	37.14 -0.07 0.00	56.33 -0.30 0.00	55.69 -0.28 0.00	56.32 -0.26 0.00	45.38 -0.23 0.00	40.98 -0.24 0.00	34.79 -0.08 0.00	35.65 0.06 0.00	36.01 0.02 0.00	34.88 0.15 0.00	34.63 0.20 0.00	36.84 0.34 0.00	49.22 0.40 0.00	51.53 0.27 0.00	47.19 0.15 0.00	49.00 0.17 0.00	44.71 0.23 0.00	37.11 0.27 0.00	38.49 0.34 0.00
BETHLEHEM___GS1 323560	40.87 -0.09 0.00	41.68 -0.03 0.00	36.24 0.07 0.00	34.43 0.09 0.00	34.62 0.07 0.00	37.15 -0.07 0.00	56.32 -0.30 0.00	55.68 -0.30 0.00	56.31 -0.27 0.00	45.38 -0.24 0.00	40.96 -0.27 0.00	34.79 -0.08 0.00	35.64 0.05 0.00	36.01 0.02 0.00	34.88 0.14 0.00	34.63 0.20 0.00	36.84 0.34 0.00	49.21 0.40 0.00	51.53 0.27 0.00	47.19 0.15 0.00	49.00 0.17 0.00	44.71 0.23 0.00	37.11 0.26 0.00	38.49 0.34 0.00
BETHLEHEM___GS2 323561	40.87 -0.09 0.00	41.68 -0.03 0.00	36.24 0.07 0.00	34.43 0.09 0.00	34.62 0.07 0.00	37.15 -0.07 0.00	56.32 -0.30 0.00	55.68 -0.30 0.00	56.31 -0.27 0.00	45.38 -0.24 0.00	40.96 -0.27 0.00	34.79 -0.08 0.00	35.64 0.05 0.00	36.01 0.02 0.00	34.88 0.14 0.00	34.63 0.20 0.00	36.84 0.34 0.00	49.21 0.40 0.00	51.53 0.27 0.00	47.19 0.15 0.00	49.00 0.17 0.00	44.71 0.23 0.00	37.11 0.26 0.00	38.49 0.34 0.00
BETHLEHEM___GS3 323562	40.87 -0.09 0.00	41.68 -0.03 0.00	36.24 0.07 0.00	34.43 0.09 0.00	34.62 0.07 0.00	37.15 -0.07 0.00	56.32 -0.30 0.00	55.68 -0.30 0.00	56.31 -0.27 0.00	45.38 -0.24 0.00	40.96 -0.27 0.00	34.79 -0.08 0.00	35.64 0.05 0.00	36.01 0.02 0.00	34.88 0.14 0.00	34.63 0.20 0.00	36.84 0.34 0.00	49.21 0.40 0.00	51.53 0.27 0.00	47.19 0.15 0.00	49.00 0.17 0.00	44.71 0.23 0.00	37.11 0.26 0.00	38.49 0.34 0.00
BETHLEHEM___STEEL 23779	39.47 -1.48 0.00	39.67 -2.03 0.00	34.21 -1.96 0.00	27.96 -2.23 4.14	32.47 -2.08 0.00	32.55 -2.13 2.53	39.42 -3.41 13.80	35.25 -3.21 17.51	43.25 -3.01 10.32	43.09 -2.06 0.46	32.63 -1.76 6.82	23.39 -1.47 10.01	20.50 -1.52 13.57	25.00 -1.21 9.78	20.65 -1.57 12.52	31.33 -1.87 1.23	26.10 -2.12 8.28	33.62 -3.10 12.10	32.47 -2.70 16.10	29.13 -2.16 15.76	30.56 -2.37 15.91	30.66 -2.33 11.48	35.01 -1.81 0.03	36.73 -1.41 0.00
BETHLHEM_115KV_TB1 79974	41.02 0.06 0.00	41.83 0.12 0.00	36.35 0.18 0.00	34.52 0.18 0.00	34.71 0.16 0.00	37.26 0.05 0.00	56.52 -0.10 0.00	55.90 -0.08 0.00	56.52 -0.07 0.00	45.54 -0.07 0.00	41.14 -0.08 0.00	34.93 0.05 0.00	35.79 0.20 0.00	36.15 0.16 0.00	35.01 0.28 0.00	34.74 0.32 0.00	36.95 0.45 0.00	49.37 0.56 0.00	51.72 0.45 0.00	47.37 0.32 0.00	49.19 0.35 0.00	44.85 0.37 0.00	37.22 0.37 0.00	38.57 0.42 0.00
BETHPAGE_CC_5 323564	43.17 2.21 0.00	43.59 1.89 0.00	37.50 1.33 0.00	35.59 1.26 0.00	35.87 1.32 0.00	38.67 1.45 0.00	58.38 2.12 0.37	31.20 2.27 27.04	32.26 2.27 26.59	43.09 2.17 4.68	44.07 2.68 -0.17	45.12 2.73 -7.51	41.16 2.95 -2.62	45.53 2.83 -6.70	38.32 2.57 -1.02	29.86 1.97 6.54	29.04 1.99 9.45	49.28 3.08 2.60	54.76 3.50 0.00	50.18 3.14 0.00	67.09 3.59 -14.66	47.63 3.15 0.00	39.08 2.24 0.00	39.44 1.85 0.55
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	39.57 -1.38 0.00	39.74 -1.97 0.00	34.27 -1.90 0.00	27.94 -2.19 4.21	32.51 -2.04 0.00	32.54 -2.09 2.59	40.24 -3.33 13.07	36.31 -3.10 16.56	43.91 -2.92 9.76	43.19 -1.99 0.44	33.09 -1.68 6.45	24.01 -1.40 9.47	21.34 -1.46 12.79	25.64 -1.16 9.19	21.45 -1.52 11.76	31.45 -1.82 1.16	26.65 -2.06 7.78	34.42 -3.02 11.37	33.55 -2.58 15.13	30.16 -2.06 14.82	31.60 -2.28 14.96	31.42 -2.26 10.80	35.05 -1.77 0.03	36.77 -1.38 0.00
BINGHAMTON___COGEN 23790	41.08 0.13 0.00	41.67 -0.03 0.00	36.04 -0.13 0.00	32.29 -0.29 1.75	34.03 -0.22 0.30	32.95 -0.30 3.97	55.20 -0.22 1.21	55.48 -0.01 0.48	53.98 -0.10 2.51	41.07 0.00 4.54	39.00 0.18 2.41	34.17 0.31 1.02	35.96 0.37 0.00	36.50 0.47 -0.04	35.18 0.30 -0.15	33.39 0.14 1.18	36.68 0.18 0.00	49.09 0.28 0.00	51.77 0.51 0.00	47.51 0.47 0.00	49.25 0.42 0.00	44.41 0.20 0.27	36.70 0.12 0.26	37.45 0.10 0.80

BIXINCNT_115KV_LOAD 355685	39.88 -1.08 0.00	39.54 -2.16 0.00	33.89 -2.29 0.00	26.92 -2.79 4.62	31.63 -2.92 0.00	31.14 -3.17 2.91	42.73 -4.83 9.07	40.47 -4.13 11.37	45.59 -4.29 6.70	41.91 -3.40 0.30	33.90 -2.89 4.43	26.06 -2.32 6.50	24.61 -2.45 8.53	27.78 -2.23 5.98	24.45 -2.63 7.66	31.18 -2.92 0.32	28.29 -3.13 5.08	37.03 -4.36 7.42	37.48 -3.90 9.88	34.11 -3.26 9.67	35.42 -3.66 9.76	34.02 -3.51 6.95	34.10 -2.82 -0.08	36.13 -2.31 -0.29
BLACK RIVER___HYD 24047	42.69 1.74 0.00	43.37 1.66 0.00	37.71 1.54 0.00	35.70 1.36 0.00	36.01 1.46 0.00	38.53 1.32 0.00	59.41 2.79 0.00	56.84 0.87 0.00	56.14 -0.45 0.00	45.87 0.26 0.00	41.51 0.29 0.00	35.14 0.26 0.00	35.37 -0.22 0.00	35.50 -0.49 0.00	34.14 -0.60 0.00	34.00 -0.43 0.00	35.89 -0.61 0.00	47.65 -0.79 0.37	47.40 -0.76 3.11	43.38 -0.71 2.94	48.03 -0.74 0.06	43.85 -0.62 0.00	36.29 -0.55 0.00	37.26 -0.88 0.00
BLACKRVR_115KV_TB2 79977	42.69 1.74 0.00	43.37 1.66 0.00	37.71 1.53 0.00	35.70 1.37 0.00	36.01 1.46 0.00	38.53 1.32 0.00	59.41 2.79 0.00	56.84 0.87 0.00	56.13 -0.45 0.00	45.87 0.25 0.00	41.50 0.28 0.00	35.14 0.26 0.00	35.37 -0.22 0.00	35.49 -0.50 0.00	34.13 -0.60 0.00	34.00 -0.43 0.00	35.89 -0.61 0.00	47.64 -0.80 0.37	47.39 -0.76 3.11	43.38 -0.71 2.94	48.04 -0.74 0.06	43.85 -0.63 0.00	36.29 -0.56 0.00	37.26 -0.88 0.00
BLDWN_LI_69_KV_BK4 356085	43.39 2.42 -0.01	43.80 2.10 0.00	37.68 1.51 0.00	35.75 1.42 0.00	36.02 1.47 0.00	38.86 1.65 0.00	58.80 2.42 0.25	35.72 2.55 22.80	36.26 2.56 22.89	45.48 2.38 2.51	44.60 2.95 -0.43	46.55 2.89 -8.78	42.92 3.12 -4.20	54.75 3.04 -15.71	39.43 2.78 -1.91	33.22 2.22 3.42	33.74 2.29 5.04	50.47 3.41 1.75	55.14 3.88 0.00	50.54 3.49 0.00	68.20 3.78 -15.59	47.85 3.37 0.00	39.32 2.48 0.00	40.34 2.09 -0.10
BLISS_WT_PWR 323608	38.86 -1.11 0.99	38.81 -2.33 0.56	33.14 -2.49 0.55	26.10 -3.04 5.19	30.74 -3.26 0.56	30.21 -3.58 3.43	41.23 -5.42 9.99	37.91 -4.66 13.41	43.87 -4.94 7.77	40.95 -3.93 0.74	32.54 -3.20 5.49	24.78 -2.72 7.37	24.21 -2.85 8.53	27.36 -2.66 5.98	24.06 -3.01 7.66	30.75 -3.35 0.32	27.85 -3.57 5.08	36.45 -4.94 7.42	35.92 -4.54 10.81	32.47 -3.86 10.72	34.48 -4.26 10.10	33.49 -4.04 6.95	33.68 -3.24 -0.08	35.74 -2.70 -0.29
BLUESTONE___WT_PWR 323821	42.31 1.08 -0.27	42.51 0.65 -0.15	36.92 0.60 -0.15	36.60 0.36 -1.90	33.86 -0.66 0.02	36.09 -0.78 0.35	55.23 -1.09 0.31	55.30 -0.95 -0.27	53.95 -1.46 1.18	42.66 -0.42 2.54	39.65 -0.44 1.12	34.21 -0.31 0.36	36.51 -0.14 -1.06	36.93 -0.35 -1.29	35.21 -0.56 -1.04	33.03 -0.69 0.71	35.79 -0.71 0.00	47.86 -0.95 0.00	50.66 -0.85 -0.25	46.55 -0.77 -0.28	47.96 -0.97 -0.09	43.25 -1.06 0.16	35.64 -1.05 0.16	36.48 -1.18 0.48
BLUE_CIRC_CHEM_DRP 24182	41.55 0.60 0.00	42.38 0.68 0.00	36.81 0.63 0.00	34.95 0.61 0.00	35.14 0.59 0.00	37.75 0.54 0.00	57.32 0.68 0.00	56.62 0.65 0.00	57.19 0.61 0.00	46.09 0.48 0.00	41.57 0.35 0.00	35.31 0.43 0.00	36.15 0.56 0.00	36.49 0.50 0.00	35.32 0.59 0.00	35.06 0.63 0.00	37.32 0.82 0.00	49.91 1.09 0.00	52.31 1.04 0.00	47.92 0.88 0.00	49.75 0.92 0.00	45.35 0.88 0.00	37.62 0.77 0.00	38.94 0.79 0.00
BOC_GAS_DRP 24189	41.41 0.46 0.00	42.22 0.51 0.00	36.63 0.45 0.00	34.76 0.43 0.00	34.95 0.40 0.00	37.55 0.34 0.00	57.06 0.43 0.00	56.40 0.43 0.00	57.03 0.45 0.00	45.99 0.38 0.00	41.58 0.35 0.00	35.31 0.43 0.00	36.14 0.55 0.00	36.52 0.53 0.00	35.32 0.59 0.00	35.03 0.60 0.00	37.21 0.71 0.00	49.76 0.95 0.00	52.19 0.92 0.00	47.82 0.78 0.00	49.64 0.80 0.00	45.24 0.76 0.00	37.49 0.65 0.00	38.77 0.63 0.00
BOONVILLE_115KV_TB1 79983	42.15 1.20 0.00	42.91 1.21 0.00	37.24 1.07 0.00	35.32 0.99 0.00	35.56 1.01 0.00	38.20 0.99 0.00	58.45 1.82 0.00	56.99 1.02 0.00	56.88 0.30 0.00	46.18 0.56 0.00	41.87 0.65 0.00	35.52 0.65 0.00	35.95 0.36 0.00	36.34 0.35 0.00	35.01 0.27 0.00	34.72 0.29 0.00	36.79 0.29 0.00	48.97 0.36 0.21	49.89 0.35 1.73	45.74 0.33 1.63	49.13 0.33 0.03	44.85 0.37 0.00	37.12 0.28 0.00	38.20 0.06 0.00
BORALEX_4TH_BRANCH 23824	41.95 1.00 0.00	42.65 0.95 0.00	37.10 0.93 0.00	35.21 0.87 0.00	35.55 1.00 0.00	38.12 0.91 0.00	57.77 1.14 0.00	56.73 0.76 0.00	57.43 0.85 0.00	46.03 0.42 0.00	41.36 0.14 0.00	35.03 0.15 0.00	36.01 0.41 0.00	36.44 0.45 0.00	35.51 0.77 0.00	35.44 1.01 0.00	37.96 1.47 0.00	50.63 1.81 0.00	52.66 1.40 0.00	48.14 1.10 0.00	50.23 1.40 0.00	45.95 1.48 0.00	38.23 1.39 0.00	39.47 1.33 0.00
BOWLINE___1 23526	42.90 1.94 0.00	43.54 1.83 0.00	37.51 1.34 0.00	35.55 1.21 0.00	35.84 1.29 0.00	38.64 1.42 0.00	59.02 2.39 0.00	58.57 2.59 0.00	59.19 2.61 0.00	47.89 2.28 0.00	43.59 2.37 0.00	37.20 2.33 0.00	38.13 2.54 0.00	38.48 2.49 0.00	37.12 2.39 0.00	36.67 2.25 0.00	38.77 2.27 0.00	52.09 3.27 0.00	54.91 3.65 0.00	50.30 3.26 0.00	52.02 3.18 0.00	47.35 2.88 0.00	39.03 2.19 0.00	40.10 1.95 0.00
BOWLINE___2 23595	42.89 1.93 0.00	43.52 1.82 0.00	37.50 1.32 0.00	35.53 1.20 0.00	35.84 1.29 0.00	38.63 1.42 0.00	59.02 2.39 0.00	58.57 2.59 0.00	59.19 2.61 0.00	47.88 2.27 0.00	43.57 2.35 0.00	37.19 2.32 0.00	38.12 2.52 0.00	38.47 2.48 0.00	37.10 2.37 0.00	36.67 2.24 0.00	38.76 2.26 0.00	52.07 3.26 0.00	54.88 3.62 0.00	50.29 3.24 0.00	52.00 3.17 0.00	47.34 2.86 0.00	39.01 2.17 0.00	40.09 1.94 0.00
BRADY___115KV_TB2 356060	42.27 1.31 0.00	43.07 1.36 0.00	37.46 1.29 0.00	35.68 1.35 0.00	35.92 1.37 0.00	38.80 1.58 0.00	59.05 2.43 0.00	58.15 2.18 0.00	58.65 2.06 0.00	47.33 1.72 0.00	42.68 1.46 0.00	35.85 0.97 0.00	36.38 0.79 0.00	36.80 0.81 0.00	35.48 0.75 0.00	35.24 0.82 0.00	37.23 0.73 0.00	49.07 0.90 0.65	46.80 0.94 5.40	42.89 0.95 5.10	49.82 1.09 0.11	45.63 1.15 0.00	37.82 0.98 0.00	39.06 0.92 0.00
BRANSCOMB___SOLAR 323811	42.30 1.34 0.00	43.02 1.31 0.00	37.35 1.18 0.00	35.44 1.10 0.00	35.74 1.19 0.00	38.42 1.21 0.00	58.47 1.84 0.00	57.72 1.75 0.00	58.42 1.83 0.00	46.97 1.36 0.00	42.29 1.08 0.00	35.75 0.87 0.00	36.64 1.05 0.00	37.12 1.13 0.00	35.94 1.20 0.00	35.76 1.33 0.00	38.12 1.62 0.00	50.91 2.10 0.00	53.13 1.87 0.00	48.67 1.63 0.00	50.65 1.82 0.00	46.21 1.74 0.00	38.36 1.52 0.00	39.55 1.41 0.00
BRDGHMPT_69_KV_BK1 55812	42.68 1.74 0.02	15.33 1.27 27.65	-49.61 0.59 86.37	-3.07 0.34 37.75	-2.90 0.37 37.83	34.58 0.45 3.09	51.54 0.67 5.77	23.30 1.03 33.71	24.60 1.03 33.01	40.40 0.96 6.17	0.71 1.57 42.07	1.26 1.84 35.45	35.75 2.29 2.14	21.66 2.16 16.49	35.92 1.80 0.62	27.03 1.27 8.66	25.32 1.28 12.46	33.44 2.22 17.58	30.04 2.66 23.88	37.89 2.37 11.53	56.93 3.06 -5.03	46.46 2.43 0.45	35.84 1.51 2.51	38.35 1.06 0.85

BRENTWOD_69_KV_W. BRTWOOD 56703	43.26 2.31 0.01	43.59 1.92 0.03	37.46 1.29 0.00	35.56 1.23 0.00	35.83 1.28 0.00	38.63 1.42 0.00	58.34 2.16 0.45	25.87 2.31 32.40	27.16 2.32 31.75	41.85 2.17 5.93	44.01 2.73 -0.06	44.34 2.81 -6.66	40.56 3.07 -1.89	41.99 3.02 -2.98	38.04 2.68 -0.63	28.10 1.99 8.32	26.59 2.06 11.97	48.96 3.29 3.14	55.00 3.74 0.00	50.40 3.36 0.00	66.40 4.00 -13.56	47.92 3.44 0.00	39.20 2.36 0.00	39.34 2.00 0.80
BRISTLHL_115KV_TB1 79998	40.05 -0.90 0.00	40.73 -0.97 0.00	35.30 -0.88 0.00	33.46 -0.88 0.00	33.67 -0.88 0.00	36.30 -0.91 0.00	55.32 -1.31 0.00	54.80 -1.17 0.00	55.41 -1.18 0.00	44.74 -0.87 0.00	40.48 -0.74 0.00	34.30 -0.58 0.00	34.98 -0.61 0.00	35.33 -0.66 0.00	34.11 -0.63 0.00	33.76 -0.66 0.00	35.81 -0.70 0.00	47.85 -0.96 0.00	50.32 -0.94 0.00	46.18 -0.87 0.00	47.89 -0.95 0.00	43.54 -0.94 0.00	36.05 -0.79 0.00	37.43 -0.72 0.00
BROOKHAVEN___DRP 24191	42.47 1.53 0.02	15.98 1.15 26.88	-47.04 0.71 83.93	-1.61 0.74 36.68	-1.43 0.78 36.75	35.11 0.90 3.00	52.25 1.24 5.62	23.78 1.55 33.74	25.14 1.60 33.05	40.86 1.43 6.18	2.36 2.02 40.88	2.85 2.24 34.27	36.21 2.65 2.03	22.49 2.48 15.98	36.31 2.16 0.59	27.33 1.58 8.67	25.64 1.62 12.47	34.21 2.58 17.18	31.04 2.98 23.21	38.50 2.66 11.20	57.33 3.23 -5.26	46.75 2.71 0.43	36.19 1.79 2.44	38.65 1.36 0.86
BROOKLYN_NAVY_YARD 23515	43.17 2.21 0.00	43.77 2.07 0.00	37.73 1.56 0.00	35.77 1.43 0.00	36.07 1.52 0.00	38.91 1.70 0.00	59.51 2.88 0.00	58.99 3.02 0.00	59.71 3.12 0.00	48.47 2.86 0.00	44.12 2.90 0.00	37.69 2.82 0.00	38.59 3.00 0.00	38.93 2.93 0.00	37.53 2.80 0.00	37.09 2.66 0.00	39.09 2.59 0.00	52.51 3.70 0.00	55.28 4.02 0.00	50.71 3.67 0.00	52.42 3.58 0.00	47.74 3.26 0.00	39.36 2.51 0.00	40.36 2.22 0.00
BROOKLYN___ARMY_DRP 323595	43.30 2.35 0.00	43.89 2.18 0.00	37.82 1.65 0.00	35.88 1.54 0.00	36.19 1.65 0.00	39.07 1.85 0.00	59.71 3.08 0.00	59.15 3.18 0.00	59.86 3.28 0.00	48.55 2.94 0.00	44.22 3.00 0.00	37.76 2.89 0.00	38.63 3.04 0.00	38.96 2.97 0.00	37.62 2.88 0.00	37.13 2.71 0.00	39.18 2.69 0.00	52.66 3.84 0.00	55.50 4.23 0.00	50.91 3.87 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.59 0.00	40.44 2.29 0.00
BROOME_2_LFGE 323671	41.44 0.13 -0.35	41.87 -0.03 -0.20	36.24 -0.12 -0.20	32.50 -0.29 1.55	34.23 -0.22 0.10	33.14 -0.29 3.78	55.53 -0.22 0.89	56.18 -0.03 -0.24	54.35 -0.11 2.12	41.23 0.00 4.39	39.38 0.19 2.03	34.47 0.30 0.70	35.95 0.36 0.00	36.50 0.47 -0.04	35.17 0.28 -0.15	33.39 0.14 1.18	36.67 0.17 0.00	49.09 0.28 0.00	52.07 0.49 -0.31	47.85 0.46 -0.35	49.34 0.39 -0.11	44.40 0.20 0.27	36.70 0.12 0.26	37.44 0.10 0.80
BROOME___LFGE 323600	41.44 0.13 -0.35	41.87 -0.03 -0.20	36.24 -0.12 -0.20	32.50 -0.29 1.55	34.23 -0.22 0.10	33.14 -0.29 3.78	55.53 -0.22 0.89	56.18 -0.03 -0.24	54.35 -0.11 2.12	41.23 0.00 4.39	39.38 0.19 2.03	34.47 0.30 0.70	35.95 0.36 0.00	36.50 0.47 -0.04	35.17 0.28 -0.15	33.39 0.14 1.18	36.67 0.17 0.00	49.09 0.28 0.00	52.07 0.49 -0.31	47.85 0.46 -0.35	49.34 0.39 -0.11	44.40 0.20 0.27	36.70 0.12 0.26	37.44 0.10 0.80
BROWNFLS_115KV_TB_3_5 80003	42.31 1.36 0.00	43.08 1.37 0.00	37.46 1.29 0.00	35.59 1.26 0.00	35.85 1.29 0.00	38.54 1.33 0.00	58.85 2.21 0.00	57.16 1.19 0.00	57.02 0.44 0.00	46.21 0.59 0.00	41.81 0.59 0.00	35.32 0.44 0.00	35.64 0.05 0.00	35.97 -0.03 0.00	34.64 -0.10 0.00	34.41 -0.02 0.00	36.29 -0.21 0.00	47.32 -0.52 0.98	42.52 -0.60 8.14	38.84 -0.51 7.69	48.27 -0.40 0.16	44.47 -0.01 0.00	36.92 0.07 0.00	37.88 -0.27 0.00
BROWNSV1_27_KV_LOAD 356125	43.58 2.63 0.00	44.18 2.47 0.00	38.06 1.89 0.00	36.07 1.73 0.00	36.38 1.83 0.00	39.25 2.03 0.00	60.05 3.42 0.00	59.57 3.60 0.00	60.28 3.70 0.00	48.93 3.32 0.00	44.59 3.37 0.00	38.06 3.18 0.00	38.96 3.37 0.00	39.30 3.31 0.00	37.89 3.16 0.00	37.43 3.00 0.00	39.49 2.99 0.00	53.04 4.23 0.00	55.87 4.60 0.00	51.28 4.24 0.00	53.01 4.18 0.00	48.22 3.75 0.00	39.74 2.90 0.00	40.76 2.62 0.00
BURROWS___LYONSDAL 23803	42.23 1.27 0.00	42.98 1.28 0.00	37.31 1.14 0.00	35.39 1.05 0.00	35.63 1.08 0.00	38.23 1.02 0.00	58.56 1.93 0.00	56.83 0.86 0.00	56.50 -0.08 0.00	45.89 0.28 0.00	41.62 0.40 0.00	35.35 0.47 0.00	35.68 0.09 0.00	36.04 0.04 0.00	34.71 -0.02 0.00	34.43 0.01 0.00	36.47 -0.03 0.00	48.48 -0.07 0.27	48.90 -0.10 2.27	44.81 -0.09 2.15	48.69 -0.10 0.05	44.51 0.03 0.00	36.87 0.03 0.00	37.88 -0.27 0.00
CAITHNESS_CC_1 323624	42.47 1.53 0.02	15.99 1.17 26.88	-47.04 0.72 83.93	-1.61 0.75 36.69	-1.42 0.79 36.76	35.11 0.90 3.00	52.24 1.23 5.62	23.72 1.52 33.77	25.10 1.59 33.08	40.86 1.44 6.19	2.30 1.96 40.89	2.85 2.25 34.28	36.19 2.64 2.03	22.49 2.49 16.00	36.30 2.15 0.59	27.31 1.57 8.68	25.61 1.60 12.49	34.19 2.56 17.19	31.01 2.95 23.21	38.47 2.63 11.20	57.31 3.22 -5.26	46.75 2.70 0.43	36.20 1.80 2.44	38.63 1.34 0.86
CALPINE BETH_PAGE_GT4 24209	43.25 2.29 0.00	43.68 1.97 0.00	37.58 1.41 0.00	35.66 1.33 0.00	35.94 1.39 0.00	38.75 1.54 0.00	58.58 2.29 0.34	33.85 2.46 24.58	34.81 2.45 24.23	43.74 2.26 4.14	44.29 2.85 -0.21	45.55 2.80 -7.87	41.48 2.99 -2.90	46.92 2.85 -8.09	38.50 2.60 -1.17	30.67 2.01 5.76	30.21 2.05 8.34	49.58 3.13 2.37	54.84 3.57 0.00	50.25 3.21 0.00	67.61 3.61 -15.16	47.63 3.15 0.00	39.10 2.25 0.00	39.57 1.87 0.44
CALPINE_BETH_PAGE_GT_4 323586	43.25 2.29 0.00	43.68 1.98 0.00	37.57 1.40 0.00	35.66 1.33 0.00	35.94 1.39 0.00	38.75 1.54 0.00	58.56 2.27 0.34	33.82 2.43 24.58	34.80 2.44 24.23	43.74 2.26 4.14	44.21 2.78 -0.21	45.55 2.80 -7.87	41.48 2.99 -2.90	46.91 2.83 -8.09	38.48 2.58 -1.17	30.66 2.00 5.76	30.19 2.03 8.34	49.59 3.14 2.37	54.82 3.56 0.00	50.24 3.20 0.00	67.61 3.61 -15.16	47.62 3.15 0.00	39.10 2.25 0.00	39.56 1.85 0.44
CALPINE_BP_GT1 23823	43.25 2.29 0.00	43.68 1.98 0.00	37.57 1.40 0.00	35.66 1.33 0.00	35.94 1.39 0.00	38.75 1.54 0.00	58.56 2.27 0.34	33.82 2.43 24.58	34.80 2.44 24.23	43.74 2.26 4.14	44.21 2.78 -0.21	45.55 2.80 -7.87	41.48 2.99 -2.90	46.91 2.83 -8.09	38.48 2.58 -1.17	30.66 2.00 5.76	30.19 2.03 8.34	49.59 3.14 2.37	54.82 3.56 0.00	50.24 3.20 0.00	67.61 3.61 -15.16	47.62 3.15 0.00	39.10 2.25 0.00	39.56 1.85 0.44
CALSPAN___DRP 24200	39.47 -1.48 0.00	39.67 -2.03 0.00	34.21 -1.96 0.00	27.96 -2.23 4.14	32.47 -2.08 0.00	32.55 -2.13 2.53	39.42 -3.41 13.80	35.25 -3.21 17.51	43.25 -3.01 10.32	43.09 -2.06 0.46	32.63 -1.76 6.82	23.39 -1.47 10.01	20.50 -1.52 13.57	25.00 -1.21 9.78	20.65 -1.57 12.52	31.33 -1.87 1.23	26.10 -2.12 8.28	33.62 -3.10 12.10	32.47 -2.70 16.10	29.13 -2.16 15.76	30.56 -2.37 15.91	30.66 -2.33 11.48	35.01 -1.81 0.03	36.73 -1.41 0.00

CALVERTON___SOLAR 323806	42.48 1.54 0.02	17.29 1.15 25.56	-42.89 0.68 79.75	0.18 0.71 34.86	0.37 0.75 34.93	35.24 0.88 2.85	52.46 1.19 5.36	23.74 1.49 33.73	25.11 1.57 33.04	40.84 1.41 6.18	4.26 1.89 38.84	4.85 2.21 32.24	36.38 2.63 1.84	23.39 2.47 15.07	36.34 2.14 0.53	27.30 1.55 8.67	25.62 1.60 12.47	34.91 2.58 16.49	32.19 2.98 22.05	39.06 2.66 10.65	57.74 3.24 -5.67	46.77 2.71 0.41	36.31 1.79 2.32	38.62 1.33 0.86
CANDIGU_WT_PWR 323617	40.33 -1.47 -0.84	40.00 -2.18 -0.48	34.21 -2.43 -0.47	24.36 -3.13 6.84	29.20 -2.93 2.42	3.08 -3.23 30.90	-36.14 -4.45 88.32	-51.41 -3.90 103.49	-30.46 -4.28 82.77	-4.23 -3.36 46.47	-23.24 -2.77 61.69	-33.92 -2.14 66.66	-49.20 -1.98 82.81	-30.57 -1.71 64.85	-47.49 -2.16 80.07	9.27 -2.52 22.64	-18.84 -2.53 52.81	-31.72 -3.34 77.18	-53.45 -2.90 101.82	-55.00 -2.48 99.57	-55.00 -2.61 101.23	-35.09 -2.86 76.71	31.07 -2.31 3.47	25.91 -2.21 10.02
CARR STREET_E_SYR 24060	40.33 -0.62 0.00	40.98 -0.72 0.00	35.51 -0.66 0.00	33.65 -0.68 0.00	33.89 -0.66 0.00	36.52 -0.69 0.00	55.68 -0.95 0.00	55.15 -0.82 0.00	55.79 -0.79 0.00	45.06 -0.55 0.00	40.79 -0.43 0.00	34.56 -0.31 0.00	35.30 -0.29 0.00	35.70 -0.29 0.00	34.40 -0.33 0.00	34.03 -0.39 0.00	36.10 -0.40 0.00	48.26 -0.55 0.00	50.73 -0.53 0.00	46.55 -0.50 0.00	48.28 -0.55 0.00	43.87 -0.60 0.00	36.32 -0.52 0.00	37.70 -0.44 0.00
CARTHAGE___PAPER 23857	42.83 1.87 0.00	43.54 1.83 0.00	37.85 1.68 0.00	35.87 1.54 0.00	36.16 1.61 0.00	38.73 1.52 0.00	59.57 2.94 0.00	57.14 1.17 0.00	56.45 -0.14 0.00	46.06 0.44 0.00	41.69 0.47 0.00	35.32 0.45 0.00	35.51 -0.08 0.00	35.71 -0.28 0.00	34.37 -0.37 0.00	34.22 -0.21 0.00	36.13 -0.37 0.00	47.86 -0.52 0.44	47.11 -0.49 3.66	43.12 -0.47 3.46	48.30 -0.47 0.07	44.21 -0.27 0.00	36.62 -0.23 0.00	37.56 -0.59 0.00
CASSADAGA_WT_PWR 323784	38.34 -1.66 0.95	39.25 -1.91 0.54	33.46 -2.19 0.53	26.42 -2.85 5.07	31.29 -2.72 0.54	30.40 -3.47 3.34	41.72 -5.00 9.91	38.08 -4.61 13.28	44.15 -4.74 7.70	41.41 -3.48 0.72	32.73 -3.06 5.43	24.75 -2.82 7.31	24.30 -2.84 8.46	27.52 -2.56 5.91	24.61 -2.55 7.57	31.39 -2.75 0.28	28.39 -3.09 5.02	37.28 -4.20 7.33	36.72 -3.90 10.64	33.43 -3.06 10.55	35.84 -3.03 9.97	34.62 -3.01 6.85	34.66 -2.27 -0.08	36.87 -1.60 -0.32
CE_DUNWOOD___DRP 24194	43.01 2.05 0.00	43.63 1.92 0.00	37.59 1.42 0.00	35.64 1.31 0.00	35.93 1.38 0.00	38.74 1.52 0.00	59.20 2.57 0.00	58.72 2.75 0.00	59.37 2.79 0.00	48.10 2.49 0.00	43.81 2.59 0.00	37.39 2.51 0.00	38.29 2.70 0.00	38.64 2.65 0.00	37.28 2.54 0.00	36.81 2.38 0.00	38.89 2.39 0.00	52.23 3.41 0.00	55.02 3.76 0.00	50.45 3.40 0.00	52.19 3.36 0.00	47.50 3.02 0.00	39.16 2.32 0.00	40.21 2.06 0.00
CE_MILLWOOD___DRP 24193	42.96 2.00 0.00	43.59 1.88 0.00	37.56 1.38 0.00	35.60 1.27 0.00	35.90 1.35 0.00	38.70 1.49 0.00	59.14 2.51 0.00	58.65 2.68 0.00	59.31 2.73 0.00	48.03 2.42 0.00	43.74 2.52 0.00	37.32 2.44 0.00	38.23 2.63 0.00	38.57 2.58 0.00	37.21 2.48 0.00	36.75 2.32 0.00	38.83 2.33 0.00	52.15 3.34 0.00	54.94 3.67 0.00	50.37 3.32 0.00	52.11 3.27 0.00	47.43 2.95 0.00	39.10 2.26 0.00	40.16 2.01 0.00
CE_NYC2_DRP 24202	43.16 2.21 0.00	43.75 2.05 0.00	37.72 1.55 0.00	35.79 1.46 0.00	36.08 1.53 0.00	38.92 1.71 0.00	59.45 2.83 0.00	58.86 2.89 0.00	59.59 3.00 0.00	48.40 2.79 0.00	44.12 2.90 0.00	37.70 2.82 0.00	38.58 2.99 0.00	38.89 2.89 0.00	37.54 2.80 0.00	37.07 2.65 0.00	39.08 2.58 0.00	52.47 3.66 0.00	55.20 3.94 0.00	50.72 3.67 0.00	52.40 3.56 0.00	47.69 3.22 0.00	39.34 2.50 0.00	40.34 2.19 0.00
CE_NYC_DRP 24195	43.33 2.37 0.00	43.92 2.22 0.00	37.86 1.68 0.00	35.88 1.55 0.00	36.17 1.62 0.00	39.02 1.81 0.00	59.67 3.04 0.00	59.16 3.19 0.00	59.88 3.29 0.00	48.59 2.98 0.00	44.28 3.06 0.00	37.80 2.92 0.00	38.70 3.11 0.00	39.04 3.05 0.00	37.65 2.91 0.00	37.18 2.76 0.00	39.22 2.72 0.00	52.69 3.88 0.00	55.48 4.22 0.00	50.91 3.87 0.00	52.62 3.79 0.00	47.87 3.39 0.00	39.47 2.62 0.00	40.49 2.34 0.00
CHAFFEE___LFGE 323603	38.73 -1.34 0.88	39.31 -1.90 0.50	33.85 -1.83 0.49	27.34 -2.10 4.89	32.12 -1.93 0.50	32.06 -1.97 3.19	41.36 -3.03 12.23	36.91 -2.83 16.23	44.44 -2.69 9.45	43.07 -1.77 0.77	33.34 -1.33 6.56	24.63 -1.23 9.02	23.30 -1.27 11.02	27.17 -0.96 7.86	23.33 -1.35 10.06	31.73 -1.70 0.99	27.94 -1.90 6.66	36.32 -2.76 9.73	35.18 -2.31 13.78	31.60 -1.83 13.61	33.69 -2.04 13.10	33.17 -2.07 9.24	35.20 -1.62 0.02	36.89 -1.26 0.00
CHATEAUG_35_KV_LOAD 355732	40.71 -0.25 0.00	41.75 0.05 0.00	36.47 0.29 0.00	34.85 0.52 0.00	35.14 0.58 0.00	38.04 0.83 0.00	57.89 1.26 0.00	57.07 1.10 0.00	57.79 1.20 0.00	46.33 0.72 0.00	41.29 0.07 0.00	34.41 -0.46 0.00	34.74 -0.85 0.00	35.07 -0.92 0.00	33.83 -0.91 0.00	33.61 -0.81 0.00	35.51 -0.99 0.00	39.30 -1.40 8.11	-17.80 -1.48 67.59	-18.13 -1.30 63.87	46.27 -1.22 1.34	43.55 -0.92 0.00	36.14 -0.71 0.00	37.34 -0.81 0.00
CHATEAUG_WT_PWR 323614	40.67 -0.29 0.00	41.68 -0.03 0.00	36.39 0.22 0.00	34.77 0.44 0.00	35.05 0.50 0.00	37.91 0.70 0.00	57.71 1.08 0.00	56.85 0.88 0.00	57.56 0.98 0.00	46.17 0.56 0.00	41.23 0.01 0.00	34.41 -0.47 0.00	34.75 -0.84 0.00	35.10 -0.90 0.00	33.85 -0.89 0.00	33.60 -0.83 0.00	35.50 -1.00 0.00	38.57 -1.42 8.82	-23.78 -1.53 73.51	-23.78 -1.35 69.47	46.12 -1.25 1.46	43.52 -0.96 0.00	36.12 -0.72 0.00	37.33 -0.81 0.00
CHAT_HIGH_FALL_HYD 323578	40.71 -0.25 0.00	41.75 0.05 0.00	36.47 0.29 0.00	34.85 0.52 0.00	35.14 0.58 0.00	38.04 0.83 0.00	57.89 1.26 0.00	57.07 1.10 0.00	57.79 1.20 0.00	46.33 0.72 0.00	41.29 0.07 0.00	34.41 -0.46 0.00	34.74 -0.85 0.00	35.07 -0.92 0.00	33.83 -0.91 0.00	33.61 -0.81 0.00	35.51 -0.99 0.00	39.30 -1.40 8.11	-17.80 -1.48 67.59	-18.13 -1.30 63.87	46.27 -1.22 1.34	43.55 -0.92 0.00	36.14 -0.71 0.00	37.34 -0.81 0.00
CHAUTAUQUA___LFGE 323629	38.44 -1.60 0.92	39.19 -1.99 0.52	33.61 -2.06 0.51	26.94 -2.55 4.84	31.68 -2.35 0.52	31.26 -2.79 3.16	40.89 -4.09 11.66	36.66 -3.79 15.53	43.71 -3.85 9.03	42.07 -2.78 0.76	32.64 -2.29 6.29	24.24 -2.03 8.60	23.20 -2.04 10.35	26.95 -1.71 7.33	23.42 -1.93 9.39	31.23 -2.27 0.93	27.79 -2.49 6.22	36.26 -3.46 9.09	35.30 -3.02 12.94	31.79 -2.45 12.80	34.04 -2.54 12.26	33.26 -2.59 8.63	34.86 -1.96 0.02	36.67 -1.47 0.00
CHERRYST_13_KV_LD 356241	43.42 2.46 0.00	44.01 2.31 0.00	37.95 1.77 0.00	35.96 1.63 0.00	36.26 1.72 0.00	39.11 1.90 0.00	59.83 3.20 0.00	59.34 3.37 0.00	60.06 3.47 0.00	48.76 3.15 0.00	44.43 3.21 0.00	37.92 3.04 0.00	38.83 3.24 0.00	39.18 3.18 0.00	37.76 3.03 0.00	37.30 2.87 0.00	39.34 2.84 0.00	52.85 4.03 0.00	55.66 4.39 0.00	51.05 4.01 0.00	52.76 3.93 0.00	48.00 3.52 0.00	39.56 2.72 0.00	40.58 2.43 0.00

CHESTROR_138KV_BK263 355645	42.81 1.86 0.00	43.47 1.77 0.00	37.48 1.31 0.00	35.52 1.19 0.00	35.81 1.25 0.00	38.59 1.37 0.00	58.94 2.31 0.00	58.44 2.47 0.00	59.06 2.48 0.00	47.78 2.17 0.00	43.47 2.25 0.00	37.06 2.19 0.00	37.95 2.36 0.00	38.32 2.33 0.00	36.97 2.24 0.00	36.53 2.10 0.00	38.65 2.15 0.00	51.90 3.09 0.00	54.70 3.43 0.00	50.13 3.09 0.00	51.86 3.02 0.00	47.20 2.73 0.00	38.93 2.09 0.00	40.03 1.89 0.00
CH_MIDHUDSON___DRP 24192	42.86 1.90 0.00	43.52 1.82 0.00	37.55 1.38 0.00	35.59 1.26 0.00	35.87 1.32 0.00	38.65 1.44 0.00	59.02 2.39 0.00	58.52 2.54 0.00	59.16 2.58 0.00	47.86 2.25 0.00	43.54 2.32 0.00	37.15 2.27 0.00	38.05 2.46 0.00	38.40 2.41 0.00	37.06 2.33 0.00	36.64 2.21 0.00	38.77 2.27 0.00	52.01 3.19 0.00	54.73 3.47 0.00	50.19 3.14 0.00	51.95 3.12 0.00	47.29 2.82 0.00	39.02 2.17 0.00	40.11 1.96 0.00
CH_MISC_IPPS 23765	43.14 2.18 0.00	43.79 2.09 0.00	37.77 1.60 0.00	35.80 1.46 0.00	36.08 1.53 0.00	38.90 1.69 0.00	59.43 2.80 0.00	58.95 2.98 0.00	59.61 3.02 0.00	48.20 2.59 0.00	43.83 2.61 0.00	37.41 2.53 0.00	38.30 2.71 0.00	38.67 2.68 0.00	37.31 2.57 0.00	36.90 2.47 0.00	39.04 2.54 0.00	52.39 3.58 0.00	55.16 3.89 0.00	50.57 3.52 0.00	52.34 3.50 0.00	47.64 3.16 0.00	39.28 2.44 0.00	40.38 2.23 0.00
CH_RES_BVR_FALLS 23983	40.96 0.00 0.00	41.77 0.07 0.00	36.28 0.11 0.00	34.46 0.13 0.00	34.68 0.12 0.00	37.33 0.12 0.00	56.82 0.19 0.00	55.81 -0.16 0.00	56.30 -0.29 0.00	38.88 -0.84 5.90	33.96 -0.93 6.33	23.09 -0.88 10.91	28.73 -0.95 5.91	35.04 -0.95 0.00	33.83 -0.91 0.00	22.60 -0.87 10.95	35.54 -0.96 0.00	-12.08 -1.32 59.58	49.90 -1.36 0.00	45.83 -1.21 0.00	47.62 -1.21 0.00	43.42 -1.06 0.00	35.98 -0.86 0.00	37.21 -0.94 0.00
CH_RES_NIAGARA 23895	38.73 -2.23 0.00	38.95 -2.75 0.00	33.69 -2.48 0.00	28.12 -2.57 3.64	32.12 -2.43 0.00	32.55 -2.43 2.24	41.12 -4.16 11.36	37.38 -4.20 14.39	44.17 -3.93 8.48	42.31 -2.92 0.38	33.20 -2.42 5.61	24.58 -2.08 8.23	22.59 -2.13 10.87	26.52 -1.80 7.67	22.79 -2.13 9.82	30.96 -2.50 0.97	27.27 -2.73 6.50	35.31 -4.01 9.49	34.87 -3.76 12.63	31.58 -3.10 12.36	33.09 -3.27 12.48	32.40 -3.07 9.01	34.37 -2.45 0.02	36.09 -2.05 0.00
CH_RES_SYRACUSE 23985	40.57 -0.38 0.00	41.23 -0.48 0.00	35.70 -0.47 0.00	33.85 -0.49 0.00	34.09 -0.46 0.00	36.75 -0.47 0.00	56.05 -0.58 0.00	55.48 -0.49 0.00	56.11 -0.48 0.00	45.29 -0.32 0.00	41.03 -0.19 0.00	34.77 -0.11 0.00	35.48 -0.11 0.00	35.88 -0.11 0.00	34.58 -0.16 0.00	34.23 -0.20 0.00	36.30 -0.20 0.00	48.54 -0.27 0.00	51.04 -0.22 0.00	46.83 -0.21 0.00	48.60 -0.24 0.00	44.13 -0.34 0.00	36.53 -0.31 0.00	37.91 -0.23 0.00
CLINTON_WT_PWR 323605	40.67 -0.29 0.00	41.68 -0.03 0.00	36.39 0.22 0.00	34.77 0.44 0.00	35.05 0.50 0.00	37.91 0.70 0.00	57.71 1.08 0.00	56.85 0.88 0.00	57.56 0.98 0.00	46.17 0.56 0.00	41.23 0.01 0.00	34.41 -0.47 0.00	34.75 -0.84 0.00	35.10 -0.90 0.00	33.85 -0.89 0.00	33.60 -0.83 0.00	35.50 -1.00 0.00	38.57 -1.42 8.82	-23.78 -1.53 73.51	-23.78 -1.35 69.47	46.12 -1.25 1.46	43.52 -0.96 0.00	36.12 -0.72 0.00	37.33 -0.81 0.00
CLINTON___LFGE 323618	41.05 0.09 0.00	42.06 0.36 0.00	36.74 0.57 0.00	35.09 0.76 0.00	35.38 0.82 0.00	38.31 1.10 0.00	58.37 1.74 0.00	57.46 1.49 0.00	58.24 1.65 0.00	46.69 1.07 0.00	41.66 0.44 0.00	34.79 -0.09 0.00	35.08 -0.51 0.00	35.43 -0.56 0.00	34.17 -0.56 0.00	33.90 -0.53 0.00	35.82 -0.68 0.00	39.14 -1.05 8.62	-21.81 -1.24 71.84	-21.91 -1.07 67.89	46.65 -0.76 1.43	44.04 -0.44 0.00	36.58 -0.26 0.00	37.77 -0.38 0.00
COBBLENY_34_KV_TB1 80064	39.60 -1.35 0.00	39.79 -1.92 0.00	34.33 -1.84 0.00	27.84 -2.11 4.38	32.61 -1.94 0.00	32.53 -1.97 2.72	42.11 -3.11 11.41	38.71 -2.86 14.41	45.44 -2.65 8.49	43.44 -1.79 0.38	34.11 -1.49 5.62	25.41 -1.23 8.23	23.26 -1.30 11.02	27.15 -0.99 7.86	23.30 -1.38 10.06	31.74 -1.69 0.99	27.93 -1.91 6.66	36.29 -2.78 9.73	35.98 -2.33 12.95	32.53 -1.83 12.68	33.98 -2.05 12.80	33.16 -2.08 9.24	35.20 -1.62 0.02	36.89 -1.26 0.00
COFFEEN___115KV_TB3 355620	42.88 1.93 0.00	43.56 1.85 0.00	37.87 1.70 0.00	35.83 1.50 0.00	36.15 1.60 0.00	38.72 1.50 0.00	59.73 3.10 0.00	57.24 1.26 0.00	56.55 -0.03 0.00	46.28 0.66 0.00	41.85 0.63 0.00	35.43 0.55 0.00	35.66 0.07 0.00	35.75 -0.24 0.00	34.35 -0.38 0.00	34.25 -0.18 0.00	36.15 -0.35 0.00	48.04 -0.41 0.36	47.90 -0.34 3.02	43.85 -0.34 2.85	48.41 -0.36 0.06	44.15 -0.32 0.00	36.52 -0.32 0.00	37.50 -0.65 0.00
COLDSPRG_115KV_BK1 355956	40.19 -0.76 0.00	40.53 -1.17 0.00	34.77 -1.40 0.00	27.55 -1.94 4.85	32.90 -1.76 -0.11	33.04 -2.07 2.10	47.93 -2.90 5.80	46.17 -2.31 7.49	50.60 -2.39 3.59	45.36 -1.72 -1.46	37.68 -1.44 2.11	29.66 -1.21 4.00	28.85 -1.28 5.47	31.47 -0.96 3.55	28.90 -1.15 4.69	33.31 -1.40 -0.29	31.80 -1.58 3.12	42.18 -2.08 4.56	43.76 -1.44 6.06	40.12 -0.99 5.94	41.68 -1.16 5.99	38.90 -1.43 4.15	35.86 -1.14 -0.15	37.95 -0.70 -0.51
COLONIE_LFGE___ 323577	41.79 0.84 0.00	42.56 0.85 0.00	36.95 0.78 0.00	35.06 0.73 0.00	35.31 0.76 0.00	37.92 0.71 0.00	57.62 0.99 0.00	56.92 0.95 0.00	57.57 0.98 0.00	46.33 0.71 0.00	41.76 0.54 0.00	35.36 0.48 0.00	36.23 0.64 0.00	36.64 0.65 0.00	35.52 0.79 0.00	35.31 0.89 0.00	37.66 1.16 0.00	50.30 1.49 0.00	52.55 1.28 0.00	48.10 1.05 0.00	50.02 1.19 0.00	45.66 1.19 0.00	37.91 1.06 0.00	39.15 1.01 0.00
COOPERNY_115KV_TB1 80082	42.40 1.45 0.00	43.12 1.42 0.00	37.23 1.06 0.00	35.28 0.94 0.00	35.53 0.98 0.00	38.25 1.04 0.00	58.37 1.74 0.00	57.82 1.85 0.00	58.42 1.84 0.00	47.26 1.65 0.00	42.95 1.73 0.00	36.56 1.68 0.00	37.39 1.80 0.00	37.79 1.80 0.00	36.46 1.73 0.00	36.03 1.60 0.00	38.15 1.66 0.00	51.19 2.37 0.00	53.91 2.64 0.00	49.42 2.38 0.00	51.16 2.32 0.00	46.55 2.07 0.00	38.44 1.59 0.00	39.59 1.45 0.00
COPENHAGEN_WT_PWR 323753	42.44 1.49 0.00	43.09 1.39 0.00	37.46 1.29 0.00	35.48 1.15 0.00	35.77 1.22 0.00	38.25 1.03 0.00	58.97 2.34 0.00	56.13 0.15 0.00	55.33 -1.25 0.00	45.17 -0.44 0.00	40.86 -0.36 0.00	34.59 -0.29 0.00	34.86 -0.74 0.00	35.00 -0.99 0.00	33.67 -1.07 0.00	33.51 -0.91 0.00	35.40 -1.10 0.00	47.01 -1.46 0.34	46.94 -1.47 2.85	42.98 -1.37 2.69	47.36 -1.42 0.06	43.22 -1.25 0.00	35.77 -1.07 0.00	36.77 -1.38 0.00
CORNELL_____ 23752	41.53 0.57 0.00	42.13 0.43 0.00	36.45 0.28 0.00	50.51 0.16 -16.01	34.77 0.22 0.00	48.06 0.28 -10.57	62.44 0.68 -5.13	62.29 0.84 -5.48	60.60 0.80 -3.22	46.55 0.79 -0.14	44.17 0.81 -2.14	38.78 0.78 -3.12	41.08 0.78 -4.71	40.50 0.83 -3.68	40.13 0.71 -4.69	35.48 0.59 -0.46	40.26 0.67 -3.09	54.26 0.93 -4.51	58.42 1.15 -6.00	54.01 1.09 -5.88	55.82 1.06 -5.92	49.55 0.79 -4.28	37.48 0.62 -0.01	38.72 0.58 0.00

CORONA V_69_KV_TB1 355595	43.48 2.48 -0.05	43.88 2.17 0.00	37.77 1.59 0.00	35.83 1.50 0.00	36.10 1.54 0.00	38.93 1.72 0.00	59.05 2.55 0.13	57.97 2.64 0.65	58.35 2.65 0.89	47.93 2.47 0.14	45.01 3.01 -0.78	49.66 2.95 -11.84	45.46 3.21 -6.67	67.21 3.15 -28.06	40.82 2.88 -3.21	36.77 2.36 0.01	38.66 2.40 0.24	51.48 3.53 0.87	55.26 3.99 0.00	50.62 3.58 0.00	72.59 3.87 -19.88	47.88 3.40 0.00	39.39 2.54 0.00	41.24 2.19 -0.90
CORTLAND_115KV_TB3 80093	41.30 0.34 0.00	41.95 0.25 0.00	36.34 0.17 0.00	38.84 0.08 -4.43	34.66 0.11 0.00	40.23 0.10 -2.91	57.25 0.37 -0.24	56.45 0.48 0.00	57.01 0.42 0.00	46.07 0.46 0.00	41.74 0.52 0.00	35.41 0.53 0.00	36.09 0.50 0.00	36.53 0.53 0.00	35.19 0.46 0.00	34.80 0.37 0.00	36.92 0.42 0.00	49.39 0.58 0.00	51.96 0.70 0.00	47.67 0.63 0.00	49.43 0.60 0.00	44.90 0.42 0.00	37.14 0.29 0.00	38.44 0.29 0.00
COXSACKIE___GT 23611	42.51 1.55 0.00	43.27 1.56 0.00	37.62 1.45 0.00	35.72 1.39 0.00	35.94 1.39 0.00	38.65 1.44 0.00	58.93 2.30 0.00	58.57 2.60 0.00	59.09 2.51 0.00	47.51 1.90 0.00	42.21 0.99 0.00	35.98 1.11 0.00	37.08 1.49 0.00	37.06 1.07 0.00	35.98 1.24 0.00	35.82 1.39 0.00	38.29 1.79 0.00	51.47 2.65 0.00	54.04 2.78 0.00	49.41 2.37 0.00	51.26 2.43 0.00	46.67 2.19 0.00	38.63 1.78 0.00	39.92 1.78 0.00
CPV_VALLEY___CC1 323721	42.78 1.82 0.00	43.43 1.73 0.00	37.44 1.27 0.00	35.49 1.15 0.00	35.77 1.22 0.00	38.55 1.34 0.00	58.89 2.26 0.00	58.39 2.42 0.00	59.02 2.44 0.00	47.75 2.13 0.00	43.43 2.21 0.00	37.05 2.18 0.00	37.95 2.36 0.00	38.32 2.33 0.00	36.96 2.23 0.00	36.53 2.10 0.00	38.62 2.13 0.00	51.86 3.05 0.00	54.65 3.38 0.00	50.09 3.04 0.00	51.81 2.97 0.00	47.19 2.71 0.00	38.91 2.06 0.00	40.00 1.86 0.00
CPV_VALLEY___CC2 323722	42.78 1.82 0.00	43.43 1.73 0.00	37.44 1.27 0.00	35.49 1.15 0.00	35.77 1.22 0.00	38.55 1.34 0.00	58.89 2.26 0.00	58.39 2.42 0.00	59.02 2.44 0.00	47.75 2.13 0.00	43.43 2.21 0.00	37.05 2.18 0.00	37.95 2.36 0.00	38.32 2.33 0.00	36.96 2.23 0.00	36.53 2.10 0.00	38.62 2.13 0.00	51.86 3.05 0.00	54.65 3.38 0.00	50.09 3.04 0.00	51.81 2.97 0.00	47.19 2.71 0.00	38.91 2.06 0.00	40.00 1.86 0.00
CRESCENT___HYD 24018	41.79 0.84 0.00	42.56 0.85 0.00	36.95 0.78 0.00	35.06 0.73 0.00	35.31 0.76 0.00	37.92 0.71 0.00	57.62 0.99 0.00	56.92 0.95 0.00	57.57 0.98 0.00	46.33 0.71 0.00	41.76 0.54 0.00	35.36 0.48 0.00	36.23 0.64 0.00	36.64 0.65 0.00	35.52 0.79 0.00	35.31 0.89 0.00	37.66 1.16 0.00	50.30 1.49 0.00	52.55 1.28 0.00	48.10 1.05 0.00	50.02 1.19 0.00	45.66 1.19 0.00	37.91 1.06 0.00	39.15 1.01 0.00
CRICKET___VALLEY_CC1 323756	42.45 1.49 0.00	43.12 1.42 0.00	37.20 1.02 0.00	35.26 0.93 0.00	35.54 0.99 0.00	38.29 1.08 0.00	58.42 1.79 0.00	57.88 1.91 0.00	58.54 1.96 0.00	47.40 1.79 0.00	43.10 1.88 0.00	36.78 1.90 0.00	37.68 2.08 0.00	38.02 2.03 0.00	36.68 1.95 0.00	36.27 1.85 0.00	38.35 1.85 0.00	51.44 2.63 0.00	54.12 2.86 0.00	49.64 2.59 0.00	51.41 2.57 0.00	46.80 2.32 0.00	38.63 1.78 0.00	39.71 1.56 0.00
CRICKET___VALLEY_CC2 323757	42.45 1.49 0.00	43.12 1.42 0.00	37.20 1.02 0.00	35.26 0.93 0.00	35.54 0.99 0.00	38.29 1.08 0.00	58.42 1.79 0.00	57.88 1.91 0.00	58.54 1.96 0.00	47.40 1.79 0.00	43.10 1.88 0.00	36.78 1.90 0.00	37.68 2.08 0.00	38.02 2.03 0.00	36.68 1.95 0.00	36.27 1.85 0.00	38.35 1.85 0.00	51.44 2.63 0.00	54.12 2.86 0.00	49.64 2.59 0.00	51.41 2.57 0.00	46.80 2.32 0.00	38.63 1.78 0.00	39.71 1.56 0.00
CRICKET___VALLEY_CC3 323758	42.45 1.49 0.00	43.12 1.42 0.00	37.20 1.02 0.00	35.26 0.93 0.00	35.54 0.99 0.00	38.29 1.08 0.00	58.42 1.79 0.00	57.88 1.91 0.00	58.54 1.96 0.00	47.40 1.79 0.00	43.10 1.88 0.00	36.78 1.90 0.00	37.68 2.08 0.00	38.02 2.03 0.00	36.68 1.95 0.00	36.27 1.85 0.00	38.35 1.85 0.00	51.44 2.63 0.00	54.12 2.86 0.00	49.64 2.59 0.00	51.41 2.57 0.00	46.80 2.32 0.00	38.63 1.78 0.00	39.71 1.56 0.00
CRUCIBLE_METL_DRP 24180	40.57 -0.38 0.00	41.23 -0.48 0.00	35.70 -0.47 0.00	33.85 -0.49 0.00	34.09 -0.46 0.00	36.74 -0.47 0.00	56.05 -0.58 0.00	55.49 -0.48 0.00	56.11 -0.48 0.00	45.29 -0.32 0.00	41.02 -0.20 0.00	34.77 -0.11 0.00	35.48 -0.11 0.00	35.88 -0.11 0.00	34.58 -0.16 0.00	34.23 -0.20 0.00	36.30 -0.20 0.00	48.54 -0.27 0.00	51.04 -0.22 0.00	46.84 -0.21 0.00	48.59 -0.24 0.00	44.13 -0.34 0.00	36.53 -0.31 0.00	37.91 -0.23 0.00
DAHOWA___HYDRO 323763	42.44 1.48 0.00	43.15 1.45 0.00	37.47 1.30 0.00	35.55 1.22 0.00	35.88 1.33 0.00	38.57 1.36 0.00	58.69 2.06 0.00	57.94 1.97 0.00	58.65 2.06 0.00	47.17 1.56 0.00	42.45 1.23 0.00	35.86 0.99 0.00	36.74 1.15 0.00	37.26 1.27 0.00	36.06 1.33 0.00	35.88 1.46 0.00	38.26 1.76 0.00	51.10 2.28 0.00	53.28 2.02 0.00	48.80 1.76 0.00	50.82 1.99 0.00	46.38 1.90 0.00	38.50 1.66 0.00	39.67 1.53 0.00
DANC___LFGE 323619	41.55 0.59 0.00	42.21 0.50 0.00	36.66 0.49 0.00	34.73 0.39 0.00	35.00 0.44 0.00	37.53 0.32 0.00	57.57 0.94 0.00	55.64 -0.33 0.00	55.41 -1.18 0.00	45.08 -0.54 0.00	40.77 -0.45 0.00	34.52 -0.36 0.00	34.95 -0.64 0.00	35.19 -0.81 0.00	33.88 -0.86 0.00	33.65 -0.77 0.00	35.60 -0.90 0.00	47.35 -1.24 0.23	48.11 -1.24 1.92	44.09 -1.14 1.81	47.60 -1.20 0.04	43.40 -1.08 0.00	35.92 -0.92 0.00	37.06 -1.09 0.00
DANSKAMMER___1 23586	43.14 2.18 0.00	43.79 2.09 0.00	37.77 1.60 0.00	35.80 1.46 0.00	36.08 1.53 0.00	38.90 1.69 0.00	59.43 2.80 0.00	58.95 2.98 0.00	59.61 3.02 0.00	48.20 2.59 0.00	43.83 2.61 0.00	37.41 2.53 0.00	38.30 2.71 0.00	38.67 2.68 0.00	37.31 2.57 0.00	36.90 2.47 0.00	39.04 2.54 0.00	52.39 3.58 0.00	55.16 3.89 0.00	50.57 3.52 0.00	52.34 3.50 0.00	47.64 3.16 0.00	39.28 2.44 0.00	40.38 2.23 0.00
DANSKAMMER___2 23589	43.14 2.18 0.00	43.79 2.09 0.00	37.77 1.60 0.00	35.80 1.46 0.00	36.08 1.53 0.00	38.90 1.69 0.00	59.43 2.80 0.00	58.95 2.98 0.00	59.61 3.02 0.00	48.20 2.59 0.00	43.83 2.61 0.00	37.41 2.53 0.00	38.30 2.71 0.00	38.67 2.68 0.00	37.31 2.57 0.00	36.90 2.47 0.00	39.04 2.54 0.00	52.39 3.58 0.00	55.16 3.89 0.00	50.57 3.52 0.00	52.34 3.50 0.00	47.64 3.16 0.00	39.28 2.44 0.00	40.38 2.23 0.00
DANSKAMMER___3 23590	43.14 2.18 0.00	43.79 2.09 0.00	37.77 1.60 0.00	35.80 1.46 0.00	36.08 1.53 0.00	38.90 1.69 0.00	59.43 2.80 0.00	58.95 2.98 0.00	59.61 3.02 0.00	48.20 2.59 0.00	43.83 2.61 0.00	37.41 2.53 0.00	38.30 2.71 0.00	38.67 2.68 0.00	37.31 2.57 0.00	36.90 2.47 0.00	39.04 2.54 0.00	52.39 3.58 0.00	55.16 3.89 0.00	50.57 3.52 0.00	52.34 3.50 0.00	47.64 3.16 0.00	39.28 2.44 0.00	40.38 2.23 0.00

DANSKAMMER___4 23591	43.14 2.18 0.00	43.79 2.09 0.00	37.77 1.60 0.00	35.80 1.46 0.00	36.08 1.53 0.00	38.90 1.69 0.00	59.43 2.80 0.00	58.95 2.98 0.00	59.61 3.02 0.00	48.20 2.59 0.00	43.83 2.61 0.00	37.41 2.53 0.00	38.30 2.71 0.00	38.67 2.68 0.00	37.31 2.57 0.00	36.90 2.47 0.00	39.04 2.54 0.00	52.39 3.58 0.00	55.16 3.89 0.00	50.57 3.52 0.00	52.34 3.50 0.00	47.64 3.16 0.00	39.28 2.44 0.00	40.38 2.23 0.00
DANSKAMMER___DIESEL 23592	43.15 2.19 0.00	43.80 2.09 0.00	37.77 1.60 0.00	35.80 1.46 0.00	36.08 1.53 0.00	38.90 1.69 0.00	59.44 2.80 0.00	58.96 2.99 0.00	59.61 3.03 0.00	48.21 2.60 0.00	43.86 2.64 0.00	37.42 2.54 0.00	38.30 2.71 0.00	38.68 2.69 0.00	37.32 2.58 0.00	36.89 2.46 0.00	39.05 2.55 0.00	52.39 3.58 0.00	55.16 3.89 0.00	50.57 3.53 0.00	52.34 3.51 0.00	47.64 3.16 0.00	39.29 2.44 0.00	40.38 2.24 0.00
DARBY___SOLAR 323810	42.29 1.34 0.00	43.02 1.31 0.00	37.35 1.18 0.00	35.44 1.10 0.00	35.74 1.19 0.00	38.42 1.21 0.00	58.48 1.85 0.00	57.71 1.74 0.00	58.41 1.83 0.00	46.97 1.36 0.00	42.29 1.07 0.00	35.75 0.87 0.00	36.64 1.05 0.00	37.12 1.13 0.00	35.93 1.19 0.00	35.75 1.33 0.00	38.11 1.62 0.00	50.90 2.09 0.00	53.11 1.84 0.00	48.66 1.61 0.00	50.64 1.81 0.00	46.21 1.73 0.00	38.36 1.52 0.00	39.54 1.40 0.00
DASHVILLE___HYD 23610	42.47 1.52 0.00	43.19 1.49 0.00	37.31 1.14 0.00	35.37 1.04 0.00	35.59 1.04 0.00	38.33 1.12 0.00	58.48 1.85 0.00	57.97 2.00 0.00	58.63 2.05 0.00	47.35 1.74 0.00	42.94 1.72 0.00	36.61 1.73 0.00	37.48 1.89 0.00	37.83 1.84 0.00	36.51 1.78 0.00	36.11 1.68 0.00	38.28 1.78 0.00	51.35 2.54 0.00	54.02 2.75 0.00	49.53 2.49 0.00	51.30 2.47 0.00	46.71 2.23 0.00	38.54 1.70 0.00	39.64 1.50 0.00
DELAWARE___LFGE 323621	42.02 1.07 0.00	42.83 1.12 0.00	37.03 0.86 0.00	35.09 0.76 0.00	35.11 0.66 0.11	36.91 0.66 0.97	57.30 1.07 0.40	56.90 1.11 0.17	56.71 1.03 0.90	45.05 1.08 1.64	41.47 1.12 0.87	35.59 1.08 0.37	36.77 1.17 0.00	37.07 1.15 0.08	35.83 1.09 0.00	34.97 1.01 0.47	37.56 1.06 0.00	50.31 1.49 0.00	52.95 1.68 0.00	48.56 1.51 0.00	50.31 1.48 0.00	45.63 1.27 0.11	37.69 0.95 0.10	38.70 0.88 0.32
DERFIELD_115KV_TB7 355931	41.08 0.12 0.00	41.84 0.13 0.00	36.27 0.10 0.00	34.40 0.07 0.00	34.61 0.06 0.00	37.25 0.04 0.00	56.67 0.05 0.00	56.00 0.02 0.00	56.58 -0.01 0.00	45.59 -0.02 0.00	41.25 0.03 0.00	34.95 0.07 0.00	35.70 0.10 0.00	36.10 0.11 0.00	34.84 0.11 0.00	34.53 0.10 0.00	36.65 0.15 0.00	49.02 0.21 0.00	51.47 0.21 0.00	47.23 0.18 0.00	49.00 0.16 0.00	44.62 0.15 0.00	36.96 0.11 0.00	38.24 0.09 0.00
DOGLEVILLE___HYD 23807	42.78 1.82 0.00	43.73 2.03 0.00	37.81 1.64 0.00	35.86 1.53 0.00	35.90 1.35 0.00	38.57 1.36 0.00	58.91 2.28 0.00	58.02 2.05 0.00	58.33 1.74 0.00	46.89 1.27 0.00	42.37 1.16 0.00	35.92 1.04 0.00	36.73 1.14 0.00	37.03 1.04 0.00	35.79 1.06 0.00	35.66 1.24 0.00	38.29 1.79 0.00	51.37 2.56 0.00	53.84 2.58 0.00	49.36 2.32 0.00	51.24 2.41 0.00	46.76 2.29 0.00	38.69 1.85 0.00	39.89 1.74 0.00
DUNKIRK___115KV_TB_200 55889	39.35 -1.60 0.00	39.68 -2.02 0.00	34.12 -2.06 0.00	27.52 -2.53 4.29	32.24 -2.31 0.00	31.85 -2.70 2.67	41.64 -4.01 10.98	38.42 -3.69 13.86	44.71 -3.71 8.17	42.55 -2.69 0.36	33.48 -2.33 5.40	25.04 -1.92 7.92	23.12 -1.94 10.54	26.91 -1.61 7.47	23.31 -1.86 9.57	31.28 -2.20 0.94	27.73 -2.43 6.34	36.19 -3.37 9.26	36.04 -2.91 12.32	32.62 -2.36 12.06	34.20 -2.46 12.17	33.16 -2.52 8.79	34.90 -1.92 0.02	36.69 -1.45 0.00
DUNKIRK___1 23563	39.35 -1.60 0.00	39.68 -2.02 0.00	34.12 -2.06 0.00	27.52 -2.53 4.29	32.24 -2.31 0.00	31.85 -2.70 2.67	41.64 -4.01 10.98	38.42 -3.69 13.86	44.71 -3.71 8.17	42.55 -2.69 0.36	33.48 -2.33 5.40	25.04 -1.92 7.92	23.12 -1.94 10.54	26.91 -1.61 7.47	23.31 -1.86 9.57	31.28 -2.20 0.94	27.73 -2.43 6.34	36.19 -3.37 9.26	36.04 -2.91 12.32	32.62 -2.36 12.06	34.20 -2.46 12.17	33.16 -2.52 8.79	34.90 -1.92 0.02	36.69 -1.45 0.00
DUNKIRK___2 23564	39.35 -1.60 0.00	39.68 -2.02 0.00	34.12 -2.06 0.00	27.52 -2.53 4.29	32.24 -2.31 0.00	31.85 -2.70 2.67	41.64 -4.01 10.98	38.42 -3.69 13.86	44.71 -3.71 8.17	42.55 -2.69 0.36	33.48 -2.33 5.40	25.04 -1.92 7.92	23.12 -1.94 10.54	26.91 -1.61 7.47	23.31 -1.86 9.57	31.28 -2.20 0.94	27.73 -2.43 6.34	36.19 -3.37 9.26	36.04 -2.91 12.32	32.62 -2.36 12.06	34.20 -2.46 12.17	33.16 -2.52 8.79	34.90 -1.92 0.02	36.69 -1.45 0.00
DUNKIRK___3 23565	39.36 -1.59 0.00	39.64 -2.06 0.00	34.13 -2.04 0.00	27.68 -2.46 4.20	32.31 -2.24 0.00	32.08 -2.52 2.61	41.56 -3.77 11.30	38.22 -3.47 14.28	44.71 -3.46 8.41	42.71 -2.52 0.38	33.50 -2.16 5.57	24.97 -1.75 8.16	22.95 -1.77 10.87	26.83 -1.44 7.72	23.11 -1.74 9.88	31.35 -2.10 0.97	27.65 -2.31 6.54	36.03 -3.22 9.56	35.80 -2.74 12.72	32.36 -2.23 12.46	33.88 -2.38 12.57	32.96 -2.44 9.08	34.93 -1.90 0.02	36.67 -1.48 0.00
DUNKIRK___4 23566	39.36 -1.59 0.00	39.64 -2.06 0.00	34.13 -2.04 0.00	27.68 -2.46 4.20	32.31 -2.24 0.00	32.08 -2.52 2.61	41.56 -3.77 11.30	38.22 -3.47 14.28	44.71 -3.46 8.41	42.71 -2.52 0.38	33.50 -2.16 5.57	24.97 -1.75 8.16	22.95 -1.77 10.87	26.83 -1.44 7.72	23.11 -1.74 9.88	31.35 -2.10 0.97	27.65 -2.31 6.54	36.03 -3.22 9.56	35.80 -2.74 12.72	32.36 -2.23 12.46	33.88 -2.38 12.57	32.96 -2.44 9.08	34.93 -1.90 0.02	36.67 -1.48 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.09 2.13 0.00	43.69 1.98 0.00	37.63 1.46 0.00	35.68 1.35 0.00	35.97 1.42 0.00	38.78 1.57 0.00	59.26 2.63 0.00	58.78 2.81 0.00	59.47 2.89 0.00	48.23 2.62 0.00	43.94 2.72 0.00	37.51 2.64 0.00	38.42 2.83 0.00	38.77 2.78 0.00	37.38 2.65 0.00	36.91 2.49 0.00	38.98 2.48 0.00	52.33 3.52 0.00	55.12 3.86 0.00	50.56 3.51 0.00	52.32 3.48 0.00	47.60 3.13 0.00	39.24 2.40 0.00	40.29 2.14 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	43.00 2.04 0.00	43.64 1.93 0.00	37.63 1.46 0.00	35.66 1.33 0.00	35.94 1.39 0.00	38.75 1.53 0.00	59.20 2.57 0.00	58.73 2.75 0.00	59.36 2.77 0.00	48.00 2.39 0.00	43.66 2.44 0.00	37.25 2.37 0.00	38.12 2.53 0.00	38.50 2.51 0.00	37.15 2.41 0.00	36.71 2.28 0.00	38.85 2.35 0.00	52.16 3.35 0.00	54.96 3.69 0.00	50.37 3.33 0.00	52.11 3.27 0.00	47.45 2.97 0.00	39.12 2.28 0.00	40.22 2.08 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	43.15 2.19 0.00	43.76 2.06 0.00	37.80 1.63 0.00	35.87 1.53 0.00	36.10 1.55 0.00	38.98 1.77 0.00	59.52 2.89 0.00	58.97 3.00 0.00	59.69 3.11 0.00	48.40 2.79 0.00	44.05 2.83 0.00	37.63 2.76 0.00	38.51 2.92 0.00	38.80 2.81 0.00	37.49 2.75 0.00	36.98 2.55 0.00	38.99 2.49 0.00	52.40 3.58 0.00	55.19 3.92 0.00	50.69 3.64 0.00	52.39 3.56 0.00	47.68 3.21 0.00	39.35 2.50 0.00	40.33 2.19 0.00

E179THST_13_KV_LOAD 356214	43.32 2.36 0.00	43.93 2.23 0.00	37.92 1.75 0.00	35.99 1.65 0.00	36.22 1.67 0.00	39.11 1.90 0.00	59.75 3.12 0.00	59.22 3.24 0.00	59.95 3.36 0.00	48.61 2.99 0.00	44.25 3.03 0.00	37.80 2.93 0.00	38.67 3.08 0.00	38.97 2.98 0.00	37.65 2.91 0.00	37.14 2.71 0.00	39.16 2.66 0.00	52.62 3.81 0.00	55.44 4.18 0.00	50.92 3.87 0.00	52.61 3.78 0.00	47.88 3.40 0.00	39.51 2.67 0.00	40.49 2.35 0.00
EAST HAMPTON___GT 23717	42.54 1.60 0.02	15.00 1.08 27.79	-50.44 0.19 86.81	-3.90 -0.29 37.94	-3.76 -0.29 38.01	33.80 -0.31 3.10	50.37 -0.47 5.79	22.15 -0.12 33.70	23.46 -0.11 33.01	39.46 0.02 6.17	-0.37 0.69 42.28	0.36 1.15 35.66	35.01 1.58 2.16	20.82 1.42 16.58	35.20 1.09 0.62	26.34 0.57 8.66	24.59 0.55 12.46	32.46 1.30 17.65	28.96 1.70 24.01	36.97 1.51 11.59	56.13 2.30 -4.99	45.70 1.67 0.45	35.18 0.86 2.52	37.69 0.39 0.85
EAST RIVER___6 23660	43.45 2.50 0.00	44.05 2.35 0.00	37.95 1.78 0.00	35.96 1.63 0.00	36.24 1.69 0.00	39.05 1.84 0.00	59.71 3.08 0.00	59.23 3.25 0.00	59.93 3.35 0.00	48.63 3.02 0.00	44.33 3.11 0.00	37.85 2.97 0.00	38.77 3.18 0.00	39.12 3.13 0.00	37.72 2.98 0.00	37.27 2.84 0.00	39.30 2.81 0.00	52.79 3.98 0.00	55.60 4.33 0.00	51.01 3.96 0.00	52.71 3.87 0.00	47.93 3.45 0.00	39.50 2.66 0.00	40.52 2.38 0.00
EAST RIVER___7 23524	43.45 2.50 0.00	44.05 2.35 0.00	37.95 1.78 0.00	35.96 1.63 0.00	36.24 1.69 0.00	39.05 1.84 0.00	59.71 3.08 0.00	59.23 3.25 0.00	59.93 3.35 0.00	48.63 3.02 0.00	44.33 3.11 0.00	37.85 2.97 0.00	38.77 3.18 0.00	39.12 3.13 0.00	37.72 2.98 0.00	37.27 2.84 0.00	39.30 2.81 0.00	52.79 3.98 0.00	55.60 4.33 0.00	51.01 3.96 0.00	52.71 3.87 0.00	47.93 3.45 0.00	39.50 2.66 0.00	40.52 2.38 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	43.01 2.05 0.00	43.63 1.92 0.00	37.59 1.42 0.00	35.64 1.31 0.00	35.93 1.38 0.00	38.74 1.52 0.00	59.20 2.57 0.00	58.72 2.75 0.00	59.37 2.79 0.00	48.10 2.49 0.00	43.81 2.59 0.00	37.39 2.51 0.00	38.29 2.70 0.00	38.64 2.65 0.00	37.28 2.54 0.00	36.81 2.38 0.00	38.89 2.39 0.00	52.23 3.41 0.00	55.02 3.76 0.00	50.45 3.40 0.00	52.19 3.36 0.00	47.50 3.02 0.00	39.16 2.32 0.00	40.21 2.06 0.00
EAST_HAMPTON___DIESEL 23722	42.49 1.55 0.02	14.94 1.01 27.78	-50.50 0.11 86.78	-4.01 -0.41 37.93	-3.86 -0.41 38.00	33.67 -0.44 3.10	50.16 -0.67 5.79	21.94 -0.33 33.70	23.27 -0.30 33.01	39.30 -0.14 6.17	-0.50 0.55 42.27	0.25 1.03 35.65	34.88 1.45 2.15	20.68 1.27 16.58	35.07 0.96 0.62	26.21 0.45 8.66	24.46 0.42 12.46	32.28 1.12 17.65	28.78 1.52 24.00	36.80 1.35 11.58	55.98 2.15 -4.99	45.55 1.52 0.45	35.06 0.74 2.52	37.56 0.27 0.85
EAST_POINT___SOLAR 323840	42.36 1.41 0.00	43.09 1.38 0.00	37.29 1.12 0.00	35.36 1.03 0.00	35.58 1.03 0.00	38.27 1.06 0.00	58.52 1.89 0.00	57.98 2.00 0.00	58.37 1.79 0.00	47.06 1.45 0.00	42.43 1.21 0.00	35.81 0.94 0.00	36.53 0.93 0.00	36.62 0.63 0.00	35.19 0.46 0.00	35.00 0.58 0.00	37.50 1.00 0.00	50.54 1.73 0.00	53.16 1.90 0.00	48.67 1.63 0.00	50.48 1.65 0.00	45.96 1.49 0.00	37.96 1.12 0.00	39.15 1.01 0.00
EAST_PULASKI___ESR 323781	40.72 -0.24 0.00	41.34 -0.36 0.00	35.87 -0.31 0.00	33.99 -0.34 0.00	34.23 -0.32 0.00	36.83 -0.38 0.00	56.24 -0.39 0.00	55.23 -0.75 0.00	55.50 -1.08 0.00	44.99 -0.62 0.00	40.70 -0.52 0.00	34.46 -0.41 0.00	35.05 -0.54 0.00	35.37 -0.62 0.00	34.09 -0.64 0.00	33.79 -0.64 0.00	35.80 -0.70 0.00	47.72 -0.97 0.12	49.29 -0.98 1.00	45.21 -0.89 0.95	47.86 -0.96 0.02	43.58 -0.89 0.00	36.08 -0.77 0.00	37.36 -0.78 0.00
EAST_RIVER___1 323558	43.33 2.37 0.00	43.92 2.22 0.00	37.84 1.67 0.00	35.88 1.55 0.00	36.17 1.62 0.00	39.02 1.81 0.00	59.65 3.02 0.00	59.16 3.19 0.00	59.87 3.28 0.00	48.59 2.98 0.00	44.24 3.02 0.00	37.80 2.92 0.00	38.70 3.11 0.00	39.03 3.04 0.00	37.63 2.90 0.00	37.19 2.76 0.00	39.22 2.72 0.00	52.68 3.87 0.00	55.48 4.22 0.00	50.91 3.86 0.00	52.62 3.78 0.00	47.87 3.39 0.00	39.47 2.62 0.00	40.48 2.34 0.00
EAST_RIVER___2 323559	43.45 2.50 0.00	44.05 2.35 0.00	37.95 1.78 0.00	35.96 1.63 0.00	36.24 1.69 0.00	39.05 1.84 0.00	59.71 3.08 0.00	59.23 3.25 0.00	59.93 3.35 0.00	48.63 3.02 0.00	44.33 3.11 0.00	37.85 2.97 0.00	38.77 3.18 0.00	39.12 3.13 0.00	37.72 2.98 0.00	37.27 2.84 0.00	39.30 2.81 0.00	52.79 3.98 0.00	55.60 4.33 0.00	51.01 3.96 0.00	52.71 3.87 0.00	47.93 3.45 0.00	39.50 2.66 0.00	40.52 2.38 0.00
EAST___DELAWARE_HYD 23607	42.34 1.38 0.00	43.01 1.30 0.00	37.11 0.93 0.00	35.17 0.83 0.00	35.44 0.89 0.00	38.20 0.99 0.00	58.41 1.78 0.00	57.92 1.95 0.00	58.54 1.95 0.00	47.28 1.67 0.00	42.93 1.71 0.00	36.65 1.77 0.00	37.36 1.77 0.00	37.75 1.76 0.00	36.43 1.70 0.00	36.05 1.62 0.00	38.21 1.71 0.00	51.34 2.52 0.00	54.10 2.83 0.00	49.61 2.56 0.00	51.32 2.48 0.00	46.67 2.19 0.00	38.50 1.66 0.00	39.57 1.43 0.00
EIGHT_POINT___WT_PWR 323820	40.20 -1.09 -0.33	40.03 -1.86 -0.19	33.77 -2.59 -0.19	21.82 -3.56 8.95	33.19 -3.44 -2.07	44.45 -3.75 -10.98	98.18 -5.24 -46.78	106.51 -4.69 -55.22	98.22 -4.96 -46.59	72.03 -3.87 -30.29	73.58 -3.31 -35.67	68.43 -2.63 -36.18	76.73 -2.17 -43.31	68.81 -1.92 -34.74	74.92 -2.34 -42.52	45.77 -2.76 -14.10	61.83 -2.69 -28.02	86.08 -3.69 -40.96	102.85 -3.27 -54.86	98.12 -2.69 -53.77	100.07 -2.77 -54.00	82.71 -2.95 -41.19	36.67 -2.48 -2.30	42.40 -2.48 -6.73
ELBRIDGE_115KV_TB2 80188	40.38 -0.57 0.00	41.03 -0.67 0.00	35.54 -0.63 0.00	33.68 -0.65 0.00	33.92 -0.63 0.00	36.56 -0.65 0.00	55.76 -0.87 0.00	55.17 -0.80 0.00	55.78 -0.81 0.00	45.03 -0.58 0.00	40.81 -0.41 0.00	34.60 -0.28 0.00	35.31 -0.28 0.00	35.70 -0.29 0.00	34.37 -0.36 0.00	34.05 -0.38 0.00	36.10 -0.40 0.00	48.26 -0.55 0.00	50.77 -0.49 0.00	46.59 -0.45 0.00	48.32 -0.51 0.00	43.90 -0.58 0.00	36.36 -0.48 0.00	37.74 -0.41 0.00
ELEC_TRO_TEK 24086	43.16 2.20 0.00	43.62 1.91 0.00	37.55 1.38 0.00	35.65 1.32 0.00	35.94 1.38 0.00	38.75 1.54 0.00	58.80 2.32 0.15	53.68 2.48 4.77	54.14 2.48 4.92	47.16 2.30 0.75	44.47 2.80 -0.44	48.14 2.75 -10.51	43.14 2.99 -4.55	54.39 2.94 -15.46	39.40 2.68 -1.98	35.72 2.18 0.89	37.25 2.22 1.47	51.07 3.32 1.07	55.00 3.73 0.00	50.41 3.36 0.00	71.87 3.64 -19.40	47.66 3.19 0.00	39.18 2.34 0.00	40.13 1.99 0.00
ELLENBURG_WT_PWR 323604	40.67 -0.29 0.00	41.68 -0.03 0.00	36.39 0.22 0.00	34.77 0.44 0.00	35.05 0.50 0.00	37.91 0.70 0.00	57.71 1.08 0.00	56.85 0.88 0.00	57.56 0.98 0.00	46.17 0.56 0.00	41.23 0.01 0.00	34.41 -0.47 0.00	34.75 -0.84 0.00	35.10 -0.90 0.00	33.85 -0.89 0.00	33.60 -0.83 0.00	35.50 -1.00 0.00	38.57 -1.42 8.82	-23.78 -1.53 73.51	-23.78 -1.35 69.47	46.12 -1.25 1.46	43.52 -0.96 0.00	36.12 -0.72 0.00	37.33 -0.81 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	39.29 -1.67 0.00	39.52 -2.19 0.00	34.11 -2.07 0.00	28.13 -2.28 3.91	32.42 -2.13 0.00	32.63 -2.18 2.40	40.99 -3.54 12.10	37.25 -3.39 15.34	44.35 -3.20 9.04	43.00 -2.21 0.40	33.35 -1.90 5.97	24.51 -1.60 8.77	22.26 -1.65 11.68	26.35 -1.34 8.30	22.44 -1.66 10.63	31.42 -1.96 1.05	27.25 -2.22 7.03	35.31 -3.23 10.27	34.71 -2.88 13.67	31.33 -2.33 13.38	32.82 -2.51 13.51	32.28 -2.45 9.75	34.94 -1.88 0.03	36.66 -1.49 0.00
EMPIRE_CC_1 323656	41.19 0.23 0.00	41.95 0.25 0.00	36.51 0.33 0.00	34.69 0.36 0.00	34.91 0.36 0.00	37.44 0.23 0.00	56.69 0.06 0.00	55.98 0.00 0.00	56.64 0.05 0.00	45.56 -0.06 0.00	41.05 -0.17 0.00	34.87 0.00 0.00	35.76 0.17 0.00	36.14 0.14 0.00	35.09 0.36 0.00	34.89 0.46 0.00	37.16 0.66 0.00	49.58 0.77 0.00	51.79 0.53 0.00	47.42 0.37 0.00	49.30 0.47 0.00	45.03 0.55 0.00	37.40 0.55 0.00	38.71 0.56 0.00
EMPIRE_CC_2 323658	41.19 0.23 0.00	41.95 0.25 0.00	36.51 0.33 0.00	34.69 0.36 0.00	34.91 0.36 0.00	37.44 0.23 0.00	56.69 0.06 0.00	55.98 0.00 0.00	56.64 0.05 0.00	45.56 -0.06 0.00	41.05 -0.17 0.00	34.87 0.00 0.00	35.76 0.17 0.00	36.14 0.14 0.00	35.09 0.36 0.00	34.89 0.46 0.00	37.16 0.66 0.00	49.58 0.77 0.00	51.79 0.53 0.00	47.42 0.37 0.00	49.30 0.47 0.00	45.03 0.55 0.00	37.40 0.55 0.00	38.71 0.56 0.00
ENORWICH_115KV_TB1 80156	43.11 2.15 0.00	43.62 1.92 0.00	37.66 1.49 0.00	40.75 1.24 -5.18	35.13 0.71 0.13	40.26 0.88 -2.17	60.13 1.60 -1.90	59.87 1.38 -2.51	57.92 0.85 -0.49	45.18 1.52 1.95	42.59 1.38 0.01	37.18 1.20 -1.10	39.19 1.18 -2.42	38.98 1.15 -1.83	38.13 0.98 -2.42	34.96 0.83 0.31	39.05 0.98 -1.56	52.43 1.33 -2.28	55.92 1.62 -3.04	51.63 1.61 -2.98	53.41 1.57 -3.00	47.70 1.18 -2.04	37.53 0.80 0.11	38.51 0.73 0.36
ERIE_ST__34_KV_TB1-2 80199	39.65 -1.30 0.00	39.86 -1.84 0.00	34.37 -1.80 0.00	28.10 -2.05 4.18	32.68 -1.87 0.00	32.74 -1.89 2.58	41.30 -2.95 12.38	37.60 -2.70 15.67	44.89 -2.46 9.24	43.55 -1.65 0.41	33.75 -1.36 6.11	24.81 -1.11 8.96	22.34 -1.19 12.06	26.47 -0.88 8.64	22.41 -1.26 11.06	31.79 -1.54 1.09	27.40 -1.78 7.32	35.55 -2.57 10.70	34.96 -2.07 14.23	31.51 -1.60 13.93	32.89 -1.88 14.07	32.40 -1.93 10.15	35.26 -1.56 0.03	36.96 -1.18 0.00
ERIE_WT_PWR 323693	38.71 -1.46 0.79	39.24 -2.02 0.44	33.78 -1.96 0.43	27.51 -2.23 4.59	32.03 -2.08 0.44	32.10 -2.17 2.94	38.71 -3.39 14.53	33.63 -3.20 19.13	42.34 -3.07 11.18	42.77 -2.03 0.81	31.96 -1.60 7.66	22.70 -1.47 10.71	20.51 -1.51 13.57	24.98 -1.23 9.78	20.67 -1.54 12.52	31.31 -1.88 1.23	26.09 -2.13 8.28	33.61 -3.10 12.10	31.76 -2.69 16.82	28.30 -2.17 16.57	30.30 -2.36 16.18	30.66 -2.33 11.48	34.99 -1.83 0.03	36.71 -1.44 0.00
ESPRGFLD_115KV_TB1 80157	41.80 0.85 0.00	42.57 0.87 0.00	36.76 0.58 0.00	34.85 0.52 0.00	34.91 0.36 0.00	37.56 0.35 0.00	57.36 0.73 0.00	56.69 0.71 0.00	57.09 0.50 0.00	46.36 0.75 0.00	42.06 0.84 0.00	35.62 0.74 0.00	36.34 0.75 0.00	36.68 0.69 0.00	35.29 0.56 0.00	34.83 0.41 0.00	36.84 0.34 0.00	49.41 0.60 0.00	52.09 0.82 0.00	47.80 0.76 0.00	49.52 0.69 0.00	45.01 0.54 0.00	37.15 0.31 0.00	38.37 0.23 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	41.49 0.54 0.00	42.11 0.41 0.00	36.44 0.27 0.00	47.35 0.16 -12.85	34.74 0.19 0.00	45.93 0.24 -8.48	61.49 0.61 -4.25	61.27 0.73 -4.56	59.96 0.69 -2.68	46.43 0.69 -0.12	43.73 0.73 -1.78	38.18 0.70 -2.60	40.22 0.70 -3.93	39.81 0.74 -3.07	39.28 0.63 -3.91	35.34 0.53 -0.38	39.69 0.60 -2.58	53.42 0.84 -3.77	57.32 1.03 -5.02	52.94 0.98 -4.91	54.73 0.94 -4.95	48.75 0.70 -3.58	37.38 0.53 -0.01	38.65 0.51 0.00
ETNA____115KV_TB2 80207	41.49 0.54 0.00	42.11 0.41 0.00	36.44 0.27 0.00	47.35 0.16 -12.85	34.74 0.19 0.00	45.93 0.24 -8.48	61.49 0.61 -4.25	61.27 0.73 -4.56	59.96 0.69 -2.68	46.43 0.69 -0.12	43.73 0.73 -1.78	38.18 0.70 -2.60	40.22 0.70 -3.93	39.81 0.74 -3.07	39.28 0.63 -3.91	35.34 0.53 -0.38	39.69 0.60 -2.58	53.42 0.84 -3.77	57.32 1.03 -5.02	52.94 0.98 -4.91	54.73 0.94 -4.95	48.75 0.70 -3.58	37.38 0.53 -0.01	38.65 0.51 0.00
EUCLID___115KV_TB2 356179	40.17 -0.79 0.00	40.82 -0.88 0.00	35.37 -0.80 0.00	33.52 -0.81 0.00	33.77 -0.78 0.00	36.38 -0.83 0.00	55.42 -1.21 0.00	54.88 -1.09 0.00	55.51 -1.08 0.00	44.83 -0.78 0.00	40.57 -0.65 0.00	34.37 -0.51 0.00	35.09 -0.50 0.00	35.48 -0.51 0.00	34.20 -0.53 0.00	33.85 -0.57 0.00	35.89 -0.61 0.00	47.98 -0.84 0.00	50.43 -0.83 0.00	46.28 -0.76 0.00	48.01 -0.82 0.00	43.65 -0.83 0.00	36.15 -0.69 0.00	37.53 -0.61 0.00
E_CANADA_CAP_HY 24051	41.54 0.59 0.00	42.36 0.65 0.00	36.63 0.45 0.00	34.76 0.43 0.00	34.89 0.34 0.00	37.52 0.31 0.00	57.20 0.57 0.00	56.46 0.49 0.00	56.84 0.26 0.00	45.98 0.37 0.00	41.57 0.35 0.00	35.18 0.30 0.00	35.86 0.26 0.00	36.12 0.13 0.00	34.75 0.01 0.00	34.41 -0.01 0.00	36.48 -0.02 0.00	49.00 0.19 0.00	51.54 0.27 0.00	47.25 0.20 0.00	49.02 0.19 0.00	44.72 0.24 0.00	36.95 0.11 0.00	38.17 0.03 0.00
E_CANADA_MHWK_HY 24050	42.78 1.83 0.00	43.73 2.03 0.00	37.81 1.64 0.00	35.86 1.53 0.00	35.90 1.35 0.00	38.57 1.36 0.00	58.91 2.28 0.00	58.03 2.05 0.00	58.33 1.74 0.00	46.88 1.27 0.00	42.37 1.16 0.00	35.92 1.04 0.00	36.73 1.14 0.00	37.03 1.04 0.00	35.79 1.06 0.00	35.66 1.24 0.00	38.29 1.79 0.00	51.37 2.55 0.00	53.84 2.58 0.00	49.36 2.32 0.00	51.24 2.41 0.00	46.76 2.28 0.00	38.69 1.84 0.00	39.89 1.75 0.00
E_FISHKILL___LBMP 23776	42.73 1.78 0.00	43.38 1.68 0.00	37.42 1.25 0.00	35.48 1.15 0.00	35.75 1.20 0.00	38.52 1.30 0.00	58.82 2.19 0.00	58.28 2.30 0.00	58.93 2.35 0.00	47.73 2.12 0.00	43.44 2.22 0.00	37.05 2.18 0.00	37.94 2.35 0.00	38.30 2.31 0.00	36.96 2.22 0.00	36.52 2.10 0.00	38.61 2.11 0.00	51.78 2.97 0.00	54.51 3.25 0.00	49.99 2.94 0.00	51.76 2.92 0.00	47.11 2.64 0.00	38.88 2.04 0.00	39.96 1.82 0.00
FALCON___SEABRD_CC1 323796	40.81 -0.14 0.00	41.82 0.12 0.00	36.56 0.39 0.00	34.91 0.58 0.00	35.19 0.64 0.00	38.12 0.90 0.00	58.07 1.44 0.00	56.99 1.02 0.00	57.74 1.16 0.00	46.31 0.69 0.00	41.40 0.18 0.00	34.57 -0.30 0.00	34.89 -0.70 0.00	35.23 -0.76 0.00	33.99 -0.75 0.00	33.68 -0.74 0.00	35.53 -0.97 0.00	38.61 -1.47 8.73	-23.24 -1.73 72.78	-23.24 -1.51 68.77	46.30 -1.09 1.45	43.85 -0.62 0.00	36.49 -0.35 0.00	37.65 -0.50 0.00
FALCON___SEABRD_CC2 323797	40.81 -0.14 0.00	41.82 0.12 0.00	36.56 0.39 0.00	34.91 0.58 0.00	35.19 0.64 0.00	38.12 0.90 0.00	58.07 1.44 0.00	56.99 1.02 0.00	57.74 1.16 0.00	46.31 0.69 0.00	41.40 0.18 0.00	34.57 -0.30 0.00	34.89 -0.70 0.00	35.23 -0.76 0.00	33.99 -0.75 0.00	33.68 -0.74 0.00	35.53 -0.97 0.00	38.61 -1.47 8.73	-23.24 -1.73 72.78	-23.24 -1.51 68.77	46.30 -1.09 1.45	43.85 -0.62 0.00	36.49 -0.35 0.00	37.65 -0.50 0.00

FAR ROCKAWAY___4 23548	43.76 2.75 -0.05	44.12 2.41 0.00	37.98 1.81 0.00	36.04 1.71 0.00	36.31 1.76 0.00	39.17 1.96 0.00	59.45 2.95 0.13	58.41 3.05 0.60	58.79 3.05 0.85	48.26 2.80 0.15	45.37 3.35 -0.80	49.38 3.23 -11.27	45.73 3.48 -6.65	68.23 3.46 -28.78	41.14 3.17 -3.24	37.01 2.59 0.01	38.91 2.67 0.25	51.82 3.92 0.91	55.69 4.42 0.00	51.00 3.96 0.00	71.65 4.26 -18.55	48.21 3.74 0.00	39.65 2.81 0.00	41.56 2.44 -0.98
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	43.29 2.34 0.00	43.89 2.19 0.00	37.83 1.67 0.00	35.86 1.53 0.00	36.16 1.61 0.00	39.00 1.79 0.00	59.64 3.01 0.00	59.14 3.16 0.00	59.83 3.24 0.00	48.56 2.95 0.00	44.25 3.03 0.00	37.77 2.89 0.00	38.67 3.08 0.00	39.02 3.03 0.00	37.62 2.89 0.00	37.16 2.73 0.00	39.20 2.70 0.00	52.65 3.84 0.00	55.45 4.19 0.00	50.90 3.85 0.00	52.61 3.77 0.00	47.87 3.39 0.00	39.46 2.62 0.00	40.49 2.34 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	43.30 2.35 0.00	43.90 2.20 0.00	37.84 1.67 0.00	35.87 1.54 0.00	36.17 1.62 0.00	39.02 1.81 0.00	59.67 3.04 0.00	59.16 3.19 0.00	59.87 3.29 0.00	48.59 2.98 0.00	44.27 3.05 0.00	37.78 2.90 0.00	38.68 3.09 0.00	39.03 3.04 0.00	37.63 2.89 0.00	37.16 2.74 0.00	39.21 2.71 0.00	52.66 3.85 0.00	55.47 4.21 0.00	50.90 3.86 0.00	52.62 3.79 0.00	47.87 3.39 0.00	39.47 2.62 0.00	40.49 2.34 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	43.27 2.31 0.00	43.87 2.17 0.00	37.81 1.64 0.00	35.85 1.51 0.00	36.14 1.59 0.00	38.99 1.78 0.00	59.63 3.00 0.00	59.10 3.13 0.00	59.82 3.23 0.00	48.55 2.93 0.00	44.23 3.00 0.00	37.75 2.88 0.00	38.65 3.05 0.00	38.99 3.00 0.00	37.60 2.87 0.00	37.14 2.71 0.00	39.18 2.68 0.00	52.62 3.81 0.00	55.43 4.16 0.00	50.85 3.81 0.00	52.57 3.73 0.00	47.82 3.35 0.00	39.43 2.59 0.00	40.45 2.31 0.00
FARRAGUT___LBMP 323566	43.25 2.29 0.00	43.85 2.14 0.00	37.80 1.63 0.00	35.83 1.49 0.00	36.13 1.58 0.00	38.96 1.75 0.00	59.58 2.95 0.00	59.07 3.09 0.00	59.76 3.18 0.00	48.50 2.89 0.00	44.18 2.97 0.00	37.72 2.85 0.00	38.62 3.03 0.00	38.96 2.97 0.00	37.57 2.84 0.00	37.10 2.68 0.00	39.14 2.64 0.00	52.59 3.78 0.00	55.38 4.11 0.00	50.82 3.78 0.00	52.54 3.70 0.00	47.80 3.32 0.00	39.41 2.57 0.00	40.43 2.29 0.00
FENNER___WINDPWR 24204	41.78 0.83 0.00	42.44 0.74 0.00	36.83 0.65 0.00	37.45 0.57 -2.55	35.10 0.55 0.00	39.45 0.56 -1.68	57.79 1.02 -0.14	56.86 0.89 0.00	57.24 0.65 0.00	46.40 0.79 0.00	42.04 0.82 0.00	35.62 0.75 0.00	36.15 0.56 0.00	36.58 0.59 0.00	35.27 0.53 0.00	34.92 0.49 0.00	37.05 0.55 0.00	49.57 0.75 0.00	51.97 0.70 0.00	47.67 0.63 0.00	49.44 0.61 0.00	44.95 0.47 0.00	37.17 0.33 0.00	38.43 0.28 0.00
FIBERTEK___ENERGY 23856	40.57 -0.38 0.00	41.23 -0.48 0.00	35.70 -0.47 0.00	33.85 -0.49 0.00	34.09 -0.46 0.00	36.74 -0.47 0.00	56.05 -0.58 0.00	55.49 -0.48 0.00	56.11 -0.48 0.00	45.29 -0.32 0.00	41.02 -0.20 0.00	34.77 -0.11 0.00	35.48 -0.11 0.00	35.88 -0.11 0.00	34.58 -0.16 0.00	34.23 -0.20 0.00	36.30 -0.20 0.00	48.54 -0.27 0.00	51.04 -0.22 0.00	46.84 -0.21 0.00	48.59 -0.24 0.00	44.13 -0.34 0.00	36.53 -0.31 0.00	37.91 -0.23 0.00
FITZPATRICK___ 23598	39.60 -1.35 0.00	40.28 -1.43 0.00	34.90 -1.27 0.00	33.10 -1.23 0.00	33.32 -1.23 0.00	35.91 -1.31 0.00	54.65 -1.98 0.00	54.09 -1.88 0.00	54.72 -1.87 0.00	44.15 -1.46 0.00	39.95 -1.27 0.00	33.83 -1.05 0.00	34.52 -1.07 0.00	34.91 -1.08 0.00	33.66 -1.08 0.00	33.32 -1.11 0.00	35.34 -1.16 0.00	47.23 -1.58 0.00	49.64 -1.63 0.00	45.57 -1.47 0.00	47.27 -1.56 0.00	43.00 -1.48 0.00	35.63 -1.21 0.00	37.02 -1.13 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	43.20 2.25 0.00	43.87 2.16 0.00	37.83 1.65 0.00	35.85 1.52 0.00	36.14 1.58 0.00	38.96 1.75 0.00	59.54 2.91 0.00	59.07 3.09 0.00	59.72 3.14 0.00	48.30 2.69 0.00	43.96 2.74 0.00	37.50 2.62 0.00	38.38 2.79 0.00	38.75 2.76 0.00	37.40 2.66 0.00	36.97 2.54 0.00	39.12 2.62 0.00	52.49 3.68 0.00	55.26 3.99 0.00	50.67 3.62 0.00	52.44 3.61 0.00	47.73 3.25 0.00	39.35 2.50 0.00	40.45 2.30 0.00
FORT ORANGE___ 23900	41.29 0.33 0.00	42.09 0.38 0.00	36.58 0.41 0.00	34.75 0.41 0.00	34.95 0.40 0.00	37.53 0.32 0.00	56.95 0.32 0.00	56.35 0.38 0.00	56.97 0.38 0.00	45.88 0.27 0.00	41.32 0.10 0.00	35.12 0.24 0.00	36.01 0.42 0.00	36.34 0.35 0.00	35.20 0.46 0.00	34.96 0.54 0.00	37.24 0.74 0.00	49.77 0.96 0.00	52.14 0.87 0.00	47.74 0.70 0.00	49.57 0.73 0.00	45.19 0.72 0.00	37.51 0.66 0.00	38.84 0.70 0.00
FORT_DRUM_COGEN 23780	42.69 1.74 0.00	43.37 1.66 0.00	37.71 1.54 0.00	35.70 1.37 0.00	36.01 1.46 0.00	38.53 1.32 0.00	59.40 2.77 0.00	56.86 0.89 0.00	56.15 -0.44 0.00	45.88 0.27 0.00	41.51 0.29 0.00	35.15 0.27 0.00	35.38 -0.21 0.00	35.52 -0.47 0.00	34.15 -0.58 0.00	34.01 -0.41 0.00	35.92 -0.58 0.00	47.66 -0.77 0.39	47.30 -0.75 3.22	43.30 -0.71 3.04	48.04 -0.73 0.06	43.88 -0.59 0.00	36.31 -0.53 0.00	37.29 -0.86 0.00
FOX_HILLS___ESR 323835	43.36 2.40 0.00	43.96 2.26 0.00	37.88 1.71 0.00	35.97 1.64 0.00	36.35 1.80 0.00	39.24 2.03 0.00	59.96 3.33 0.00	59.28 3.30 0.00	59.93 3.34 0.00	48.58 2.97 0.00	44.22 3.00 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.61 2.88 0.00	37.12 2.69 0.00	39.18 2.69 0.00	52.67 3.86 0.00	55.57 4.30 0.00	50.92 3.87 0.00	52.53 3.69 0.00	47.79 3.32 0.00	39.39 2.55 0.00	40.41 2.26 0.00
FPL_FAR_ROCK_GT1 24212	43.76 2.75 -0.05	44.12 2.41 0.00	37.98 1.80 0.00	36.04 1.70 0.00	36.31 1.76 0.00	39.17 1.96 0.00	59.43 2.94 0.13	58.39 3.02 0.60	58.77 3.04 0.85	48.26 2.79 0.15	45.31 3.29 -0.80	49.38 3.23 -11.27	45.72 3.48 -6.65	68.23 3.46 -28.78	41.12 3.14 -3.24	37.01 2.59 0.01	38.90 2.65 0.25	51.82 3.92 0.91	55.67 4.41 0.00	50.99 3.94 0.00	71.64 4.26 -18.55	48.21 3.73 0.00	39.65 2.80 0.00	41.56 2.43 -0.98
FPL_FAR_ROCK_GT2 23815	43.76 2.75 -0.05	44.12 2.41 0.00	37.98 1.80 0.00	36.04 1.70 0.00	36.31 1.76 0.00	39.17 1.96 0.00	59.43 2.94 0.13	58.39 3.02 0.60	58.77 3.04 0.85	48.26 2.79 0.15	45.31 3.29 -0.80	49.38 3.23 -11.27	45.72 3.48 -6.65	68.23 3.46 -28.78	41.12 3.14 -3.24	37.01 2.59 0.01	38.90 2.65 0.25	51.82 3.92 0.91	55.67 4.41 0.00	50.99 3.94 0.00	71.64 4.26 -18.55	48.21 3.73 0.00	39.65 2.80 0.00	41.56 2.43 -0.98
FRANKLIN_FALL_HYD 24054	41.44 0.49 0.00	42.43 0.72 0.00	37.01 0.84 0.00	35.34 1.00 0.00	35.61 1.06 0.00	38.54 1.32 0.00	58.69 2.06 0.00	57.87 1.90 0.00	58.55 1.96 0.00	47.01 1.39 0.00	42.03 0.81 0.00	35.13 0.26 0.00	35.48 -0.11 0.00	35.85 -0.15 0.00	34.54 -0.20 0.00	34.30 -0.13 0.00	36.20 -0.30 0.00	41.84 -0.54 6.43	-2.89 -0.61 53.54	-4.03 -0.48 50.60	47.43 -0.34 1.07	44.37 -0.10 0.00	36.82 -0.02 0.00	38.01 -0.14 0.00

FREEMONT___GT1 23764	43.38 2.42 -0.01	43.81 2.11 0.00	37.68 1.51 0.00	35.75 1.42 0.00	36.03 1.48 0.00	38.87 1.66 0.00	58.82 2.46 0.27	37.08 2.60 21.50	37.80 2.63 21.42	45.13 2.43 2.92	44.47 2.90 -0.35	46.41 2.91 -8.62	42.49 3.14 -3.76	51.91 3.04 -12.87	39.17 2.79 -1.65	32.64 2.23 4.02	32.92 2.29 5.88	50.39 3.45 1.88	55.17 3.91 0.00	50.57 3.52 0.00	68.47 3.81 -15.82	47.90 3.42 0.00	39.34 2.49 0.00	40.13 2.09 0.11
FREEPORT___CT2 23818	43.38 2.42 -0.01	43.81 2.11 0.00	37.68 1.51 0.00	35.75 1.42 0.00	36.03 1.48 0.00	38.87 1.66 0.00	58.82 2.46 0.27	37.08 2.60 21.50	37.80 2.63 21.42	45.13 2.43 2.92	44.47 2.90 -0.35	46.41 2.91 -8.62	42.49 3.14 -3.76	51.91 3.04 -12.87	39.17 2.79 -1.65	32.64 2.23 4.02	32.92 2.29 5.88	50.39 3.45 1.88	55.17 3.91 0.00	50.57 3.52 0.00	68.47 3.81 -15.82	47.90 3.42 0.00	39.34 2.49 0.00	40.13 2.09 0.11
FRESHKLS_33_KV_LOAD 356253	43.59 2.63 0.00	44.20 2.50 0.00	38.08 1.91 0.00	36.21 1.87 0.00	36.67 2.11 0.00	39.58 2.37 0.00	60.46 3.83 0.00	59.63 3.66 0.00	60.25 3.67 0.00	48.79 3.18 0.00	44.40 3.17 0.00	37.88 3.01 0.00	38.74 3.15 0.00	39.07 3.08 0.00	37.75 3.01 0.00	37.25 2.82 0.00	39.33 2.83 0.00	52.90 4.09 0.00	55.84 4.57 0.00	51.08 4.04 0.00	52.66 3.83 0.00	47.91 3.43 0.00	39.50 2.66 0.00	40.55 2.40 0.00
FULTON COGEN____ 23766	40.05 -0.90 0.00	40.73 -0.97 0.00	35.30 -0.88 0.00	33.46 -0.88 0.00	33.67 -0.88 0.00	36.30 -0.91 0.00	55.32 -1.31 0.00	54.80 -1.17 0.00	55.41 -1.18 0.00	44.74 -0.87 0.00	40.48 -0.74 0.00	34.30 -0.58 0.00	34.98 -0.61 0.00	35.33 -0.66 0.00	34.11 -0.63 0.00	33.76 -0.66 0.00	35.81 -0.70 0.00	47.85 -0.96 0.00	50.32 -0.94 0.00	46.18 -0.87 0.00	47.89 -0.95 0.00	43.54 -0.94 0.00	36.05 -0.79 0.00	37.43 -0.72 0.00
FULTON___LFGE 323630	42.19 1.24 0.00	42.93 1.23 0.00	37.17 1.00 0.00	35.25 0.92 0.00	35.46 0.90 0.00	38.16 0.94 0.00	58.27 1.64 0.00	57.70 1.73 0.00	58.16 1.57 0.00	46.89 1.28 0.00	42.23 1.01 0.00	35.69 0.82 0.00	36.38 0.79 0.00	36.55 0.56 0.00	35.25 0.52 0.00	35.01 0.59 0.00	37.48 0.98 0.00	50.39 1.58 0.00	52.92 1.65 0.00	48.47 1.43 0.00	50.30 1.46 0.00	45.78 1.31 0.00	37.86 1.01 0.00	39.07 0.92 0.00
G.F.CEMENT___DRP 24184	42.56 1.60 0.00	43.23 1.53 0.00	37.58 1.41 0.00	35.66 1.33 0.00	36.02 1.47 0.00	38.73 1.52 0.00	58.98 2.34 0.00	58.13 2.16 0.00	58.91 2.32 0.00	47.35 1.74 0.00	42.60 1.38 0.00	35.99 1.11 0.00	36.84 1.24 0.00	37.40 1.41 0.00	36.17 1.43 0.00	36.01 1.58 0.00	38.38 1.89 0.00	51.21 2.40 0.00	53.30 2.04 0.00	48.85 1.81 0.00	50.94 2.10 0.00	46.49 2.02 0.00	38.63 1.78 0.00	39.76 1.61 0.00
GARDENVILLE___LBMP 24039	39.40 -1.56 0.00	39.55 -2.16 0.00	34.07 -2.10 0.00	27.49 -2.41 4.44	32.26 -2.29 0.00	32.32 -2.34 2.55	26.87 -3.71 26.06	19.14 -3.52 33.31	33.59 -3.35 19.64	42.38 -2.36 0.88	26.21 -2.04 12.97	14.16 -1.67 19.05	7.17 -1.70 26.72	14.73 -1.44 19.82	7.63 -1.77 25.33	29.84 -2.10 2.49	17.44 -2.33 16.73	21.02 -3.34 24.45	15.79 -2.95 32.53	12.79 -2.41 31.85	14.06 -2.61 32.16	18.71 -2.56 23.21	34.76 -2.02 0.06	36.50 -1.64 0.00
GARDNVLA_35_KV_LD 355827	39.60 -1.36 0.00	39.78 -1.92 0.00	34.30 -1.87 0.00	28.10 -2.15 4.08	32.54 -2.01 0.00	32.64 -2.05 2.52	41.79 -3.27 11.57	38.29 -3.05 14.63	45.13 -2.84 8.62	43.31 -1.91 0.38	33.90 -1.62 5.70	25.18 -1.34 8.36	23.04 -1.38 11.17	26.95 -1.09 7.95	23.11 -1.44 10.18	31.68 -1.75 1.00	27.76 -2.00 6.74	36.03 -2.93 9.85	35.64 -2.53 13.10	32.21 -2.00 12.83	33.69 -2.20 12.95	32.94 -2.19 9.34	35.13 -1.69 0.03	36.85 -1.30 0.00
GELCKHM___115KV_LOAD 80723	40.32 -0.64 0.00	40.98 -0.72 0.00	35.50 -0.67 0.00	33.65 -0.68 0.00	33.89 -0.66 0.00	36.52 -0.69 0.00	55.66 -0.97 0.00	55.11 -0.86 0.00	55.74 -0.84 0.00	45.01 -0.61 0.00	40.73 -0.49 0.00	34.52 -0.36 0.00	35.23 -0.36 0.00	35.63 -0.37 0.00	34.34 -0.40 0.00	33.99 -0.44 0.00	36.04 -0.46 0.00	48.17 -0.64 0.00	50.66 -0.61 0.00	46.48 -0.56 0.00	48.22 -0.62 0.00	43.82 -0.65 0.00	36.29 -0.56 0.00	37.67 -0.47 0.00
GENERAL___MILLS 23808	39.47 -1.48 0.00	39.67 -2.03 0.00	34.21 -1.96 0.00	27.96 -2.23 4.14	32.47 -2.08 0.00	32.55 -2.13 2.53	39.42 -3.41 13.80	35.25 -3.21 17.51	43.25 -3.01 10.32	43.09 -2.06 0.46	32.63 -1.76 6.82	23.39 -1.47 10.01	20.50 -1.52 13.57	25.00 -1.21 9.78	20.65 -1.57 12.52	31.33 -1.87 1.23	26.10 -2.12 8.28	33.62 -3.10 12.10	32.47 -2.70 16.10	29.13 -2.16 15.76	30.56 -2.37 15.91	30.66 -2.33 11.48	35.01 -1.81 0.03	36.73 -1.41 0.00
GE_PLASTICS___DRP 24183	41.35 0.39 0.00	42.15 0.45 0.00	36.59 0.41 0.00	34.74 0.40 0.00	34.94 0.39 0.00	37.53 0.31 0.00	56.98 0.35 0.00	56.34 0.37 0.00	56.96 0.38 0.00	45.92 0.30 0.00	41.47 0.25 0.00	35.22 0.34 0.00	36.07 0.47 0.00	36.43 0.43 0.00	35.27 0.53 0.00	34.98 0.56 0.00	37.19 0.69 0.00	49.72 0.91 0.00	52.12 0.86 0.00	47.75 0.71 0.00	49.56 0.73 0.00	45.18 0.71 0.00	37.47 0.63 0.00	38.77 0.63 0.00
GILBOA___1 23756	41.90 0.94 0.00	42.89 1.19 0.00	37.13 0.95 0.00	35.19 0.86 0.00	35.31 0.76 0.00	37.87 0.66 0.00	57.53 0.90 0.00	56.88 0.90 0.00	57.51 0.92 0.00	46.42 0.81 0.00	42.03 0.81 0.00	35.72 0.84 0.00	36.56 0.97 0.00	36.94 0.95 0.00	35.68 0.94 0.00	35.34 0.91 0.00	37.48 0.98 0.00	50.18 1.36 0.00	52.71 1.44 0.00	48.32 1.28 0.00	50.11 1.27 0.00	45.65 1.17 0.00	37.77 0.93 0.00	38.98 0.84 0.00
GILBOA___2 23757	41.90 0.94 0.00	42.89 1.19 0.00	37.13 0.95 0.00	35.19 0.86 0.00	35.31 0.76 0.00	37.87 0.66 0.00	57.53 0.90 0.00	56.88 0.90 0.00	57.51 0.92 0.00	46.42 0.81 0.00	42.03 0.81 0.00	35.72 0.84 0.00	36.56 0.97 0.00	36.94 0.95 0.00	35.68 0.94 0.00	35.34 0.91 0.00	37.48 0.98 0.00	50.18 1.36 0.00	52.71 1.44 0.00	48.32 1.28 0.00	50.11 1.27 0.00	45.65 1.17 0.00	37.77 0.93 0.00	38.98 0.84 0.00
GILBOA___3 23758	41.90 0.94 0.00	42.89 1.19 0.00	37.13 0.95 0.00	35.19 0.86 0.00	35.31 0.76 0.00	37.87 0.66 0.00	57.53 0.90 0.00	56.88 0.90 0.00	57.51 0.92 0.00	46.42 0.81 0.00	42.03 0.81 0.00	35.72 0.84 0.00	36.56 0.97 0.00	36.94 0.95 0.00	35.68 0.94 0.00	35.34 0.91 0.00	37.48 0.98 0.00	50.18 1.36 0.00	52.71 1.44 0.00	48.32 1.28 0.00	50.11 1.27 0.00	45.65 1.17 0.00	37.77 0.93 0.00	38.98 0.84 0.00
GILBOA___4 23759	41.90 0.94 0.00	42.89 1.19 0.00	37.13 0.95 0.00	35.19 0.86 0.00	35.31 0.76 0.00	37.87 0.66 0.00	57.53 0.90 0.00	56.88 0.90 0.00	57.51 0.92 0.00	46.42 0.81 0.00	42.03 0.81 0.00	35.72 0.84 0.00	36.56 0.97 0.00	36.94 0.95 0.00	35.68 0.94 0.00	35.34 0.91 0.00	37.48 0.98 0.00	50.18 1.36 0.00	52.71 1.44 0.00	48.32 1.28 0.00	50.11 1.27 0.00	45.65 1.17 0.00	37.77 0.93 0.00	38.98 0.84 0.00

GILBOA____ 23599	41.90 0.95 0.00	42.89 1.19 0.00	37.13 0.95 0.00	35.20 0.87 0.00	35.31 0.76 0.00	37.86 0.65 0.00	57.54 0.90 0.00	56.88 0.90 0.00	57.51 0.93 0.00	46.43 0.81 0.00	42.05 0.83 0.00	35.73 0.85 0.00	36.56 0.97 0.00	36.94 0.95 0.00	35.68 0.95 0.00	35.34 0.91 0.00	37.48 0.99 0.00	50.18 1.37 0.00	52.71 1.44 0.00	48.32 1.28 0.00	50.12 1.28 0.00	45.65 1.17 0.00	37.77 0.93 0.00	38.98 0.84 0.00
GINNA____ 23603	38.26 -2.52 0.18	38.80 -2.80 0.10	33.58 -2.50 0.10	29.88 -2.45 2.00	32.20 -2.39 -0.04	34.74 -2.43 0.04	53.29 -3.60 -0.25	52.48 -3.36 0.14	54.31 -3.25 -0.98	45.22 -2.43 -2.05	40.10 -2.05 -0.94	33.38 -1.82 -0.32	33.60 -1.99 0.00	34.15 -1.95 -0.10	32.70 -2.03 0.00	33.03 -2.15 -0.75	34.15 -2.34 0.00	45.52 -3.29 0.00	47.76 -3.31 0.19	43.92 -2.91 0.22	45.68 -3.09 0.07	41.72 -2.93 -0.17	34.61 -2.40 -0.16	36.32 -2.33 -0.51
GLEN PARK____ 23778	42.82 1.87 0.00	43.49 1.79 0.00	37.83 1.66 0.00	35.79 1.46 0.00	36.11 1.56 0.00	38.66 1.45 0.00	59.66 3.03 0.00	57.13 1.16 0.00	56.44 -0.14 0.00	46.18 0.56 0.00	41.77 0.55 0.00	35.35 0.48 0.00	35.58 -0.01 0.00	35.65 -0.34 0.00	34.25 -0.48 0.00	34.14 -0.28 0.00	36.04 -0.46 0.00	47.89 -0.56 0.37	47.72 -0.50 3.04	43.69 -0.48 2.88	48.27 -0.51 0.06	44.03 -0.44 0.00	36.42 -0.42 0.00	37.40 -0.74 0.00
GLENDALE_27_KV_LOAD 356172	43.32 2.36 0.00	43.90 2.19 0.00	37.85 1.68 0.00	35.90 1.57 0.00	36.19 1.64 0.00	39.06 1.84 0.00	59.68 3.05 0.00	59.11 3.14 0.00	59.85 3.26 0.00	48.62 3.00 0.00	44.32 3.10 0.00	37.86 2.98 0.00	38.74 3.15 0.00	39.05 3.06 0.00	37.69 2.95 0.00	37.22 2.79 0.00	39.23 2.73 0.00	52.69 3.88 0.00	55.46 4.20 0.00	50.93 3.89 0.00	52.63 3.80 0.00	47.91 3.43 0.00	39.50 2.65 0.00	40.49 2.34 0.00
GLENWOOD_IC_1_G5 23712	43.34 2.38 0.00	43.87 2.17 0.00	37.78 1.61 0.00	35.82 1.49 0.00	36.11 1.56 0.00	38.94 1.73 0.00	59.21 2.75 0.17	47.79 2.93 11.11	48.55 2.98 11.01	46.52 2.69 1.78	44.53 3.00 -0.31	47.08 2.90 -9.30	42.32 3.11 -3.62	49.92 3.06 -10.86	39.09 2.85 -1.50	34.49 2.51 2.45	35.45 2.53 3.59	51.34 3.69 1.16	55.33 4.07 0.00	50.74 3.69 0.00	70.36 3.83 -17.69	47.87 3.39 0.00	39.40 2.55 0.00	40.28 2.25 0.11
GLENWOOD_IC_2_G1 23688	43.19 2.23 0.00	43.76 2.06 0.00	37.70 1.53 0.00	35.75 1.42 0.00	36.03 1.49 0.00	38.85 1.64 0.00	59.29 2.66 0.00	58.80 2.83 0.00	59.48 2.90 0.00	48.22 2.61 0.00	43.99 2.77 0.00	37.61 2.73 0.00	38.52 2.93 0.00	38.87 2.87 0.00	37.44 2.70 0.00	36.89 2.47 0.00	38.97 2.47 0.00	52.37 3.56 0.00	55.18 3.91 0.00	50.60 3.55 0.00	52.44 3.60 0.00	47.70 3.22 0.00	39.29 2.45 0.00	40.31 2.17 0.00
GLENWOOD_IC_3_G1 23689	43.19 2.23 0.00	43.76 2.06 0.00	37.70 1.53 0.00	35.75 1.42 0.00	36.03 1.49 0.00	38.85 1.64 0.00	59.29 2.66 0.00	58.80 2.83 0.00	59.48 2.90 0.00	48.22 2.61 0.00	43.99 2.77 0.00	37.61 2.73 0.00	38.52 2.93 0.00	38.87 2.87 0.00	37.44 2.70 0.00	36.89 2.47 0.00	38.97 2.47 0.00	52.37 3.56 0.00	55.18 3.91 0.00	50.60 3.55 0.00	52.44 3.60 0.00	47.70 3.22 0.00	39.29 2.45 0.00	40.31 2.17 0.00
GLENWOOD____4 23550	43.34 2.38 0.00	43.87 2.17 0.00	37.78 1.61 0.00	35.82 1.49 0.00	36.11 1.56 0.00	38.94 1.73 0.00	59.21 2.75 0.17	47.79 2.93 11.11	48.55 2.98 11.01	46.52 2.69 1.78	44.53 3.00 -0.31	47.08 2.90 -9.30	42.32 3.11 -3.62	49.92 3.06 -10.86	39.09 2.85 -1.50	34.49 2.51 2.45	35.45 2.53 3.59	51.34 3.69 1.16	55.33 4.07 0.00	50.74 3.69 0.00	70.36 3.83 -17.69	47.87 3.39 0.00	39.40 2.55 0.00	40.28 2.25 0.11
GLENWOOD____5 23614	43.34 2.38 0.00	43.87 2.17 0.00	37.78 1.61 0.00	35.82 1.49 0.00	36.11 1.56 0.00	38.94 1.73 0.00	59.21 2.75 0.17	47.79 2.93 11.11	48.55 2.98 11.01	46.52 2.69 1.78	44.53 3.00 -0.31	47.08 2.90 -9.30	42.32 3.11 -3.62	49.92 3.06 -10.86	39.09 2.85 -1.50	34.49 2.51 2.45	35.45 2.53 3.59	51.34 3.69 1.16	55.33 4.07 0.00	50.74 3.69 0.00	70.36 3.83 -17.69	47.87 3.39 0.00	39.40 2.55 0.00	40.28 2.25 0.11
GLOBAL GREEN_PORT_GT1 23814	42.72 1.78 0.02	14.98 1.28 28.01	-50.84 0.49 87.50	-3.78 0.13 38.24	-3.61 0.16 38.32	34.30 0.21 3.13	51.11 0.32 5.84	22.91 0.65 33.70	24.26 0.69 33.01	40.10 0.66 6.17	-0.15 1.25 42.62	0.51 1.63 36.00	35.50 2.09 2.19	21.18 1.92 16.74	35.68 1.57 0.63	26.81 1.05 8.66	25.09 1.05 12.46	33.00 1.96 17.77	29.46 2.40 24.20	37.49 2.13 11.68	56.62 2.87 -4.92	46.23 2.21 0.45	35.62 1.32 2.55	38.14 0.85 0.85
GLOBE____DSASP 323697	38.67 -2.28 0.00	38.90 -2.80 0.00	33.64 -2.53 0.00	28.08 -2.61 3.64	32.07 -2.48 0.00	32.50 -2.48 2.23	41.10 -4.22 11.32	37.35 -4.28 14.35	44.11 -4.02 8.45	42.24 -3.00 0.38	33.16 -2.47 5.59	24.56 -2.12 8.20	22.59 -2.18 10.82	26.51 -1.85 7.63	22.81 -2.17 9.76	30.91 -2.55 0.96	27.25 -2.78 6.46	35.31 -4.07 9.44	34.87 -3.84 12.56	31.60 -3.15 12.30	33.10 -3.32 12.41	32.38 -3.13 8.96	34.31 -2.51 0.02	36.04 -2.11 0.00
GOETHSLN____LBMP 323567	43.10 2.14 0.00	43.70 1.99 0.00	37.66 1.49 0.00	35.69 1.36 0.00	35.98 1.43 0.00	38.81 1.60 0.00	59.35 2.72 0.00	58.88 2.91 0.00	59.58 2.99 0.00	48.33 2.72 0.00	44.01 2.79 0.00	37.57 2.69 0.00	38.48 2.89 0.00	38.82 2.83 0.00	37.44 2.71 0.00	36.98 2.56 0.00	39.03 2.53 0.00	52.43 3.62 0.00	55.23 3.97 0.00	50.69 3.65 0.00	52.37 3.54 0.00	47.67 3.19 0.00	39.30 2.46 0.00	40.32 2.18 0.00
GOLAH____69_KV_TB 1_2 80279	40.41 -0.55 0.00	40.82 -0.88 0.00	35.31 -0.86 0.00	31.09 -0.95 2.28	33.87 -0.86 -0.18	36.68 -0.72 -0.19	56.09 -1.09 -0.56	55.42 -0.85 -0.30	57.47 -0.65 -1.53	48.11 -0.27 -2.77	42.51 -0.18 -1.47	35.35 -0.15 -0.62	35.29 -0.30 0.00	35.95 -0.18 -0.14	34.31 -0.43 0.00	34.81 -0.60 -0.98	35.77 -0.73 0.00	47.63 -1.19 0.00	50.32 -0.94 0.00	46.37 -0.67 0.00	48.04 -0.80 0.00	43.84 -0.86 -0.23	36.38 -0.68 -0.22	38.37 -0.44 -0.67
GOODYEAR_LAKE_HYD 323669	42.16 1.20 0.00	42.93 1.23 0.00	37.09 0.92 0.00	35.14 0.81 0.00	35.15 0.69 0.09	37.11 0.70 0.80	57.48 1.19 0.33	57.08 1.25 0.14	56.96 1.12 0.75	45.51 1.25 1.36	41.80 1.31 0.72	35.77 1.20 0.30	36.88 1.29 0.00	37.18 1.26 0.07	35.90 1.16 0.00	35.46 1.03 0.00	37.53 1.04 0.00	50.31 1.50 0.00	52.99 1.73 0.00	48.63 1.58 0.00	50.35 1.52 0.00	45.75 1.27 0.00	37.78 0.93 0.00	38.99 0.84 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	41.07 0.11 0.00	41.64 -0.06 0.00	36.03 -0.14 0.00	32.07 -0.32 1.94	34.00 -0.24 0.30	32.73 -0.32 4.16	55.12 -0.25 1.25	55.43 -0.04 0.50	53.87 -0.14 2.57	40.93 -0.02 4.66	38.91 0.17 2.47	34.15 0.32 1.05	37.01 0.37 -1.05	37.66 0.49 -1.18	36.06 0.29 -1.03	33.33 0.12 1.22	36.65 0.15 0.00	49.07 0.26 0.00	51.77 0.51 0.00	47.52 0.47 0.00	49.25 0.42 0.00	44.38 0.18 0.28	36.68 0.10 0.27	37.41 0.10 0.83

GOUDEY___7 23579	41.07 0.11 0.00	41.64 -0.06 0.00	36.03 -0.14 0.00	32.07 -0.32 1.94	34.00 -0.24 0.30	32.73 -0.32 4.16	55.12 -0.25 1.25	55.43 -0.04 0.50	53.87 -0.14 2.57	40.93 -0.02 4.66	38.91 0.17 2.47	34.15 0.32 1.05	37.01 0.37 -1.05	37.66 0.49 -1.18	36.06 0.29 -1.03	33.33 0.12 1.22	36.65 0.15 0.00	49.07 0.26 0.00	51.77 0.51 0.00	47.52 0.47 0.00	49.25 0.42 0.00	44.38 0.18 0.28	36.68 0.10 0.27	37.41 0.10 0.83
GOUDEY___8 23580	41.07 0.11 0.00	41.64 -0.06 0.00	36.03 -0.14 0.00	32.07 -0.32 1.94	34.00 -0.24 0.30	32.73 -0.32 4.16	55.12 -0.25 1.25	55.43 -0.04 0.50	53.87 -0.14 2.57	40.93 -0.02 4.66	38.91 0.17 2.47	34.15 0.32 1.05	37.01 0.37 -1.05	37.66 0.49 -1.18	36.06 0.29 -1.03	33.33 0.12 1.22	36.65 0.15 0.00	49.07 0.26 0.00	51.77 0.51 0.00	47.52 0.47 0.00	49.25 0.42 0.00	44.38 0.18 0.28	36.68 0.10 0.27	37.41 0.10 0.83
GOWANUS_GT1_1 24077	43.27 2.32 0.00	43.87 2.17 0.00	37.79 1.62 0.00	35.86 1.53 0.00	36.18 1.63 0.00	39.04 1.83 0.00	59.68 3.05 0.00	59.12 3.15 0.00	59.82 3.24 0.00	48.53 2.91 0.00	44.19 2.97 0.00	37.74 2.87 0.00	38.62 3.03 0.00	38.94 2.95 0.00	37.60 2.86 0.00	37.11 2.69 0.00	39.15 2.65 0.00	52.62 3.81 0.00	55.47 4.20 0.00	50.89 3.85 0.00	52.55 3.72 0.00	47.81 3.33 0.00	39.41 2.56 0.00	40.41 2.27 0.00
GOWANUS_GT1_2 24078	43.27 2.32 0.00	43.87 2.17 0.00	37.79 1.62 0.00	35.86 1.53 0.00	36.18 1.63 0.00	39.04 1.83 0.00	59.68 3.05 0.00	59.12 3.15 0.00	59.82 3.24 0.00	48.53 2.91 0.00	44.19 2.97 0.00	37.74 2.87 0.00	38.62 3.03 0.00	38.94 2.95 0.00	37.60 2.86 0.00	37.11 2.69 0.00	39.15 2.65 0.00	52.62 3.81 0.00	55.47 4.20 0.00	50.89 3.85 0.00	52.55 3.72 0.00	47.81 3.33 0.00	39.41 2.56 0.00	40.41 2.27 0.00
GOWANUS_GT1_3 24079	43.27 2.32 0.00	43.87 2.17 0.00	37.79 1.62 0.00	35.86 1.53 0.00	36.18 1.63 0.00	39.04 1.83 0.00	59.68 3.05 0.00	59.12 3.15 0.00	59.82 3.24 0.00	48.53 2.91 0.00	44.19 2.97 0.00	37.74 2.87 0.00	38.62 3.03 0.00	38.94 2.95 0.00	37.60 2.86 0.00	37.11 2.69 0.00	39.15 2.65 0.00	52.62 3.81 0.00	55.47 4.20 0.00	50.89 3.85 0.00	52.55 3.72 0.00	47.81 3.33 0.00	39.41 2.56 0.00	40.41 2.27 0.00
GOWANUS_GT1_4 24080	43.27 2.32 0.00	43.87 2.17 0.00	37.79 1.62 0.00	35.86 1.53 0.00	36.18 1.63 0.00	39.04 1.83 0.00	59.68 3.05 0.00	59.12 3.15 0.00	59.82 3.24 0.00	48.53 2.91 0.00	44.19 2.97 0.00	37.74 2.87 0.00	38.62 3.03 0.00	38.94 2.95 0.00	37.60 2.86 0.00	37.11 2.69 0.00	39.15 2.65 0.00	52.62 3.81 0.00	55.47 4.20 0.00	50.89 3.85 0.00	52.55 3.72 0.00	47.81 3.33 0.00	39.41 2.56 0.00	40.41 2.27 0.00
GOWANUS_GT1_5 24084	43.27 2.32 0.00	43.87 2.17 0.00	37.79 1.62 0.00	35.86 1.53 0.00	36.18 1.63 0.00	39.04 1.83 0.00	59.68 3.05 0.00	59.12 3.15 0.00	59.82 3.24 0.00	48.53 2.91 0.00	44.19 2.97 0.00	37.74 2.87 0.00	38.62 3.03 0.00	38.94 2.95 0.00	37.60 2.86 0.00	37.11 2.69 0.00	39.15 2.65 0.00	52.62 3.81 0.00	55.47 4.20 0.00	50.89 3.85 0.00	52.55 3.72 0.00	47.81 3.33 0.00	39.41 2.56 0.00	40.41 2.27 0.00
GOWANUS_GT1_6 24111	43.27 2.32 0.00	43.87 2.17 0.00	37.79 1.62 0.00	35.86 1.53 0.00	36.18 1.63 0.00	39.04 1.83 0.00	59.68 3.05 0.00	59.12 3.15 0.00	59.82 3.24 0.00	48.53 2.91 0.00	44.19 2.97 0.00	37.74 2.87 0.00	38.62 3.03 0.00	38.94 2.95 0.00	37.60 2.86 0.00	37.11 2.69 0.00	39.15 2.65 0.00	52.62 3.81 0.00	55.47 4.20 0.00	50.89 3.85 0.00	52.55 3.72 0.00	47.81 3.33 0.00	39.41 2.56 0.00	40.41 2.27 0.00
GOWANUS_GT1_7 24112	43.27 2.32 0.00	43.87 2.17 0.00	37.79 1.62 0.00	35.86 1.53 0.00	36.18 1.63 0.00	39.04 1.83 0.00	59.68 3.05 0.00	59.12 3.15 0.00	59.82 3.24 0.00	48.53 2.91 0.00	44.19 2.97 0.00	37.74 2.87 0.00	38.62 3.03 0.00	38.94 2.95 0.00	37.60 2.86 0.00	37.11 2.69 0.00	39.15 2.65 0.00	52.62 3.81 0.00	55.47 4.20 0.00	50.89 3.85 0.00	52.55 3.72 0.00	47.81 3.33 0.00	39.41 2.56 0.00	40.41 2.27 0.00
GOWANUS_GT1_8 24113	43.27 2.32 0.00	43.87 2.17 0.00	37.79 1.62 0.00	35.86 1.53 0.00	36.18 1.63 0.00	39.04 1.83 0.00	59.68 3.05 0.00	59.12 3.15 0.00	59.82 3.24 0.00	48.53 2.91 0.00	44.19 2.97 0.00	37.74 2.87 0.00	38.62 3.03 0.00	38.94 2.95 0.00	37.60 2.86 0.00	37.11 2.69 0.00	39.15 2.65 0.00	52.62 3.81 0.00	55.47 4.20 0.00	50.89 3.85 0.00	52.55 3.72 0.00	47.81 3.33 0.00	39.41 2.56 0.00	40.41 2.27 0.00
GOWANUS_GT2_1 24114	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00
GOWANUS_GT2_2 24115	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00
GOWANUS_GT2_3 24116	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00
GOWANUS_GT2_4 24117	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00
GOWANUS_GT2_5 24118	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00

GOWANUS_GT2_6 24119	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00
GOWANUS_GT2_7 24120	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00
GOWANUS_GT2_8 24121	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00
GOWANUS_GT3_1 24122	43.27 2.32 0.00	43.87 2.17 0.00	37.79 1.62 0.00	35.86 1.52 0.00	36.17 1.62 0.00	39.04 1.83 0.00	59.66 3.04 0.00	59.12 3.15 0.00	59.83 3.25 0.00	48.51 2.90 0.00	44.16 2.94 0.00	37.74 2.86 0.00	38.61 3.02 0.00	38.93 2.93 0.00	37.58 2.85 0.00	37.11 2.69 0.00	39.15 2.65 0.00	52.61 3.80 0.00	55.47 4.20 0.00	50.88 3.84 0.00	52.54 3.71 0.00	47.81 3.33 0.00	39.41 2.56 0.00	40.41 2.27 0.00
GOWANUS_GT3_2 24123	43.27 2.32 0.00	43.87 2.17 0.00	37.79 1.62 0.00	35.86 1.52 0.00	36.17 1.62 0.00	39.04 1.83 0.00	59.66 3.04 0.00	59.12 3.15 0.00	59.83 3.25 0.00	48.51 2.90 0.00	44.16 2.94 0.00	37.74 2.86 0.00	38.61 3.02 0.00	38.93 2.93 0.00	37.58 2.85 0.00	37.11 2.69 0.00	39.15 2.65 0.00	52.61 3.80 0.00	55.47 4.20 0.00	50.88 3.84 0.00	52.54 3.71 0.00	47.81 3.33 0.00	39.41 2.56 0.00	40.41 2.27 0.00
GOWANUS_GT3_3 24124	43.27 2.32 0.00	43.87 2.17 0.00	37.79 1.62 0.00	35.86 1.52 0.00	36.17 1.62 0.00	39.04 1.83 0.00	59.66 3.04 0.00	59.12 3.15 0.00	59.83 3.25 0.00	48.51 2.90 0.00	44.16 2.94 0.00	37.74 2.86 0.00	38.61 3.02 0.00	38.93 2.93 0.00	37.58 2.85 0.00	37.11 2.69 0.00	39.15 2.65 0.00	52.61 3.80 0.00	55.47 4.20 0.00	50.88 3.84 0.00	52.54 3.71 0.00	47.81 3.33 0.00	39.41 2.56 0.00	40.41 2.27 0.00
GOWANUS_GT3_4 24125	43.27 2.32 0.00	43.87 2.17 0.00	37.79 1.62 0.00	35.86 1.52 0.00	36.17 1.62 0.00	39.04 1.83 0.00	59.66 3.04 0.00	59.12 3.15 0.00	59.83 3.25 0.00	48.51 2.90 0.00	44.16 2.94 0.00	37.74 2.86 0.00	38.61 3.02 0.00	38.93 2.93 0.00	37.58 2.85 0.00	37.11 2.69 0.00	39.15 2.65 0.00	52.61 3.80 0.00	55.47 4.20 0.00	50.88 3.84 0.00	52.54 3.71 0.00	47.81 3.33 0.00	39.41 2.56 0.00	40.41 2.27 0.00
GOWANUS_GT3_5 24126	43.27 2.32 0.00	43.87 2.17 0.00	37.79 1.62 0.00	35.86 1.52 0.00	36.17 1.62 0.00	39.04 1.83 0.00	59.66 3.04 0.00	59.12 3.15 0.00	59.83 3.25 0.00	48.51 2.90 0.00	44.16 2.94 0.00	37.74 2.86 0.00	38.61 3.02 0.00	38.93 2.93 0.00	37.58 2.85 0.00	37.11 2.69 0.00	39.15 2.65 0.00	52.61 3.80 0.00	55.47 4.20 0.00	50.88 3.84 0.00	52.54 3.71 0.00	47.81 3.33 0.00	39.41 2.56 0.00	40.41 2.27 0.00
GOWANUS_GT3_6 24127	43.27 2.32 0.00	43.87 2.17 0.00	37.79 1.62 0.00	35.86 1.52 0.00	36.17 1.62 0.00	39.04 1.83 0.00	59.66 3.04 0.00	59.12 3.15 0.00	59.83 3.25 0.00	48.51 2.90 0.00	44.16 2.94 0.00	37.74 2.86 0.00	38.61 3.02 0.00	38.93 2.93 0.00	37.58 2.85 0.00	37.11 2.69 0.00	39.15 2.65 0.00	52.61 3.80 0.00	55.47 4.20 0.00	50.88 3.84 0.00	52.54 3.71 0.00	47.81 3.33 0.00	39.41 2.56 0.00	40.41 2.27 0.00
GOWANUS_GT3_7 24128	43.27 2.32 0.00	43.87 2.17 0.00	37.79 1.62 0.00	35.86 1.52 0.00	36.17 1.62 0.00	39.04 1.83 0.00	59.66 3.04 0.00	59.12 3.15 0.00	59.83 3.25 0.00	48.51 2.90 0.00	44.16 2.94 0.00	37.74 2.86 0.00	38.61 3.02 0.00	38.93 2.93 0.00	37.58 2.85 0.00	37.11 2.69 0.00	39.15 2.65 0.00	52.61 3.80 0.00	55.47 4.20 0.00	50.88 3.84 0.00	52.54 3.71 0.00	47.81 3.33 0.00	39.41 2.56 0.00	40.41 2.27 0.00
GOWANUS_GT3_8 24129	43.27 2.32 0.00	43.87 2.17 0.00	37.79 1.62 0.00	35.86 1.52 0.00	36.17 1.62 0.00	39.04 1.83 0.00	59.66 3.04 0.00	59.12 3.15 0.00	59.83 3.25 0.00	48.51 2.90 0.00	44.16 2.94 0.00	37.74 2.86 0.00	38.61 3.02 0.00	38.93 2.93 0.00	37.58 2.85 0.00	37.11 2.69 0.00	39.15 2.65 0.00	52.61 3.80 0.00	55.47 4.20 0.00	50.88 3.84 0.00	52.54 3.71 0.00	47.81 3.33 0.00	39.41 2.56 0.00	40.41 2.27 0.00
GOWANUS_GT4_1 24130	43.30 2.35 0.00	43.89 2.18 0.00	37.82 1.65 0.00	35.88 1.54 0.00	36.19 1.65 0.00	39.07 1.85 0.00	59.71 3.08 0.00	59.15 3.18 0.00	59.86 3.28 0.00	48.55 2.94 0.00	44.22 3.00 0.00	37.76 2.89 0.00	38.63 3.04 0.00	38.96 2.97 0.00	37.62 2.88 0.00	37.13 2.71 0.00	39.18 2.69 0.00	52.66 3.84 0.00	55.50 4.23 0.00	50.91 3.87 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.59 0.00	40.44 2.29 0.00
GOWANUS_GT4_2 24131	43.30 2.35 0.00	43.89 2.18 0.00	37.82 1.65 0.00	35.88 1.54 0.00	36.19 1.65 0.00	39.07 1.85 0.00	59.71 3.08 0.00	59.15 3.18 0.00	59.86 3.28 0.00	48.55 2.94 0.00	44.22 3.00 0.00	37.76 2.89 0.00	38.63 3.04 0.00	38.96 2.97 0.00	37.62 2.88 0.00	37.13 2.71 0.00	39.18 2.69 0.00	52.66 3.84 0.00	55.50 4.23 0.00	50.91 3.87 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.59 0.00	40.44 2.29 0.00
GOWANUS_GT4_3 24132	43.30 2.35 0.00	43.89 2.18 0.00	37.82 1.65 0.00	35.88 1.54 0.00	36.19 1.65 0.00	39.07 1.85 0.00	59.71 3.08 0.00	59.15 3.18 0.00	59.86 3.28 0.00	48.55 2.94 0.00	44.22 3.00 0.00	37.76 2.89 0.00	38.63 3.04 0.00	38.96 2.97 0.00	37.62 2.88 0.00	37.13 2.71 0.00	39.18 2.69 0.00	52.66 3.84 0.00	55.50 4.23 0.00	50.91 3.87 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.59 0.00	40.44 2.29 0.00
GOWANUS_GT4_4 24133	43.30 2.35 0.00	43.89 2.18 0.00	37.82 1.65 0.00	35.88 1.54 0.00	36.19 1.65 0.00	39.07 1.85 0.00	59.71 3.08 0.00	59.15 3.18 0.00	59.86 3.28 0.00	48.55 2.94 0.00	44.22 3.00 0.00	37.76 2.89 0.00	38.63 3.04 0.00	38.96 2.97 0.00	37.62 2.88 0.00	37.13 2.71 0.00	39.18 2.69 0.00	52.66 3.84 0.00	55.50 4.23 0.00	50.91 3.87 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.59 0.00	40.44 2.29 0.00

GOWANUS_GT4_5 24134	43.30 2.35 0.00	43.89 2.18 0.00	37.82 1.65 0.00	35.88 1.54 0.00	36.19 1.65 0.00	39.07 1.85 0.00	59.71 3.08 0.00	59.15 3.18 0.00	59.86 3.28 0.00	48.55 2.94 0.00	44.22 3.00 0.00	37.76 2.89 0.00	38.63 3.04 0.00	38.96 2.97 0.00	37.62 2.88 0.00	37.13 2.71 0.00	39.18 2.69 0.00	52.66 3.84 0.00	55.50 4.23 0.00	50.91 3.87 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.59 0.00	40.44 2.29 0.00
GOWANUS_GT4_6 24135	43.30 2.35 0.00	43.89 2.18 0.00	37.82 1.65 0.00	35.88 1.54 0.00	36.19 1.65 0.00	39.07 1.85 0.00	59.71 3.08 0.00	59.15 3.18 0.00	59.86 3.28 0.00	48.55 2.94 0.00	44.22 3.00 0.00	37.76 2.89 0.00	38.63 3.04 0.00	38.96 2.97 0.00	37.62 2.88 0.00	37.13 2.71 0.00	39.18 2.69 0.00	52.66 3.84 0.00	55.50 4.23 0.00	50.91 3.87 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.59 0.00	40.44 2.29 0.00
GOWANUS_GT4_7 24136	43.30 2.35 0.00	43.89 2.18 0.00	37.82 1.65 0.00	35.88 1.54 0.00	36.19 1.65 0.00	39.07 1.85 0.00	59.71 3.08 0.00	59.15 3.18 0.00	59.86 3.28 0.00	48.55 2.94 0.00	44.22 3.00 0.00	37.76 2.89 0.00	38.63 3.04 0.00	38.96 2.97 0.00	37.62 2.88 0.00	37.13 2.71 0.00	39.18 2.69 0.00	52.66 3.84 0.00	55.50 4.23 0.00	50.91 3.87 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.59 0.00	40.44 2.29 0.00
GOWANUS_GT4_8 24137	43.30 2.35 0.00	43.89 2.18 0.00	37.82 1.65 0.00	35.88 1.54 0.00	36.19 1.65 0.00	39.07 1.85 0.00	59.71 3.08 0.00	59.15 3.18 0.00	59.86 3.28 0.00	48.55 2.94 0.00	44.22 3.00 0.00	37.76 2.89 0.00	38.63 3.04 0.00	38.96 2.97 0.00	37.62 2.88 0.00	37.13 2.71 0.00	39.18 2.69 0.00	52.66 3.84 0.00	55.50 4.23 0.00	50.91 3.87 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.59 0.00	40.44 2.29 0.00
GREATVRV_69_KV_BK1 356245	43.39 2.45 0.01	46.92 2.04 -3.18	48.11 1.37 -10.57	40.27 1.31 -4.62	40.55 1.37 -4.63	39.14 1.55 -0.38	59.25 2.42 -0.20	26.68 2.56 31.85	27.97 2.60 31.21	42.17 2.39 5.83	49.30 2.86 -5.22	49.65 2.92 -11.86	41.19 3.17 -2.43	44.70 3.14 -5.58	38.32 2.77 -0.81	28.38 2.13 8.17	26.95 2.22 11.76	51.00 3.53 1.34	58.20 4.02 -2.92	52.07 3.62 -1.41	67.78 4.28 -14.66	48.19 3.66 -0.05	39.66 2.51 -0.31	39.52 2.15 0.78
GREENBSH_115KV_TB3 55895	41.08 0.12 0.00	41.88 0.18 0.00	36.40 0.23 0.00	34.58 0.25 0.00	34.78 0.23 0.00	37.33 0.12 0.00	56.62 -0.01 0.00	55.98 0.01 0.00	56.62 0.03 0.00	45.61 0.00 0.00	41.17 -0.05 0.00	34.95 0.07 0.00	35.82 0.23 0.00	36.19 0.20 0.00	35.06 0.32 0.00	34.80 0.37 0.00	37.04 0.54 0.00	49.47 0.66 0.00	51.79 0.53 0.00	47.44 0.40 0.00	49.26 0.43 0.00	44.94 0.46 0.00	37.29 0.45 0.00	38.65 0.50 0.00
GREENDGE_115KV_TB5 80291	40.39 -0.57 0.00	40.72 -0.98 0.00	35.09 -1.09 0.00	22.40 -1.43 10.51	33.88 -1.23 -0.56	33.99 -1.29 1.93	74.13 -1.46 -18.96	78.25 -1.07 -23.35	73.38 -1.16 -17.95	53.92 -0.90 -9.20	53.93 -0.61 -13.31	49.27 -0.35 -14.74	54.10 -0.41 -18.92	50.55 -0.45 -15.01	52.58 -0.75 -18.60	38.44 -0.86 -4.87	47.77 -0.99 -12.26	65.41 -1.31 -17.91	73.91 -1.19 -23.83	69.50 -0.88 -23.33	71.37 -1.01 -23.54	61.04 -1.15 -17.71	36.82 -0.75 -0.72	39.54 -0.67 -2.07
GREENIDGE___3 23582	40.39 -0.57 0.00	40.72 -0.98 0.00	35.09 -1.09 0.00	22.40 -1.43 10.51	33.88 -1.23 -0.56	33.99 -1.29 1.93	74.13 -1.46 -18.96	78.25 -1.07 -23.35	73.38 -1.16 -17.95	53.92 -0.90 -9.20	53.93 -0.61 -13.31	49.27 -0.35 -14.74	54.10 -0.41 -18.92	50.55 -0.45 -15.01	52.58 -0.75 -18.60	38.44 -0.86 -4.87	47.77 -0.99 -12.26	65.41 -1.31 -17.91	73.91 -1.19 -23.83	69.50 -0.88 -23.33	71.37 -1.01 -23.54	61.04 -1.15 -17.71	36.82 -0.75 -0.72	39.54 -0.67 -2.07
GREENIDGE___4 23583	41.01 -0.56 -0.61	41.08 -0.97 -0.35	35.42 -1.09 -0.34	22.75 -1.43 10.15	34.23 -1.23 -0.91	34.30 -1.30 1.62	74.70 -1.45 -19.52	79.51 -1.07 -24.61	74.03 -1.17 -18.62	54.18 -0.90 -9.47	54.61 -0.57 -13.96	49.80 -0.36 -15.28	54.08 -0.43 -18.92	50.56 -0.45 -15.01	52.57 -0.76 -18.60	38.43 -0.87 -4.87	47.76 -0.99 -12.26	65.39 -1.33 -17.91	74.51 -1.21 -24.45	70.23 -0.85 -24.03	71.58 -1.02 -23.76	61.04 -1.15 -17.71	36.81 -0.75 -0.72	39.54 -0.67 -2.07
GREENLWN_69_KV_BK 3 55738	42.77 1.82 0.01	43.22 1.48 -0.04	37.18 1.01 0.00	35.29 0.96 0.00	35.55 1.00 0.00	38.25 1.04 0.00	57.49 1.31 0.45	25.00 1.55 32.52	26.27 1.55 31.86	41.20 1.54 5.95	43.58 2.30 -0.06	43.99 2.47 -6.64	40.28 2.82 -1.87	41.60 2.73 -2.87	37.74 2.38 -0.62	27.67 1.59 8.35	26.06 1.57 12.01	48.21 2.55 3.15	54.20 2.94 0.00	49.66 2.61 0.00	65.68 3.30 -13.55	47.31 2.83 0.00	38.75 1.91 0.00	38.82 1.49 0.81
GREENWD_138_KV_38B11_REV_LBMP_J 345004	43.30 2.35 0.00	43.89 2.18 0.00	37.82 1.65 0.00	35.88 1.54 0.00	36.19 1.65 0.00	39.07 1.85 0.00	59.71 3.08 0.00	59.15 3.18 0.00	59.86 3.28 0.00	48.55 2.94 0.00	44.22 3.00 0.00	37.76 2.89 0.00	38.63 3.04 0.00	38.96 2.97 0.00	37.62 2.88 0.00	37.13 2.71 0.00	39.18 2.69 0.00	52.66 3.84 0.00	55.50 4.23 0.00	50.91 3.87 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.59 0.00	40.44 2.29 0.00
GRISSOM___SOLAR 323813	42.29 1.34 0.00	43.05 1.35 0.00	37.27 1.09 0.00	35.35 1.01 0.00	35.57 1.02 0.00	38.26 1.05 0.00	58.44 1.81 0.00	57.86 1.89 0.00	58.35 1.77 0.00	46.99 1.38 0.00	42.30 1.08 0.00	35.76 0.88 0.00	36.45 0.86 0.00	36.58 0.59 0.00	35.33 0.60 0.00	35.11 0.69 0.00	37.65 1.15 0.00	50.60 1.79 0.00	53.11 1.85 0.00	48.65 1.60 0.00	50.47 1.64 0.00	45.96 1.49 0.00	38.02 1.17 0.00	39.24 1.10 0.00
GROVEVILLE___HYD 323602	43.20 2.25 0.00	43.87 2.16 0.00	37.83 1.65 0.00	35.85 1.52 0.00	36.14 1.58 0.00	38.96 1.75 0.00	59.54 2.91 0.00	59.07 3.09 0.00	59.72 3.14 0.00	48.30 2.69 0.00	43.96 2.74 0.00	37.50 2.62 0.00	38.38 2.79 0.00	38.75 2.76 0.00	37.40 2.66 0.00	36.97 2.54 0.00	39.12 2.62 0.00	52.49 3.68 0.00	55.26 3.99 0.00	50.67 3.62 0.00	52.44 3.61 0.00	47.73 3.25 0.00	39.35 2.50 0.00	40.45 2.30 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	40.57 -0.38 0.00	41.23 -0.48 0.00	35.70 -0.47 0.00	33.85 -0.49 0.00	34.09 -0.46 0.00	36.74 -0.47 0.00	56.05 -0.58 0.00	55.49 -0.48 0.00	56.11 -0.48 0.00	45.29 -0.32 0.00	41.02 -0.20 0.00	34.77 -0.11 0.00	35.48 -0.11 0.00	35.88 -0.11 0.00	34.58 -0.16 0.00	34.23 -0.20 0.00	36.30 -0.20 0.00	48.54 -0.27 0.00	51.04 -0.22 0.00	46.84 -0.21 0.00	48.59 -0.24 0.00	44.13 -0.34 0.00	36.53 -0.31 0.00	37.91 -0.23 0.00
HAMLTNNY_34_KV_TB 80303	40.69 -0.27 0.00	41.31 -0.39 0.00	35.76 -0.41 0.00	33.89 -0.44 0.00	34.15 -0.40 0.00	36.83 -0.39 0.00	56.21 -0.41 0.00	55.65 -0.33 0.00	56.27 -0.32 0.00	45.42 -0.19 0.00	41.14 -0.08 0.00	34.87 0.00 0.00	35.56 -0.03 0.00	35.98 -0.02 0.00	34.64 -0.10 0.00	34.29 -0.14 0.00	36.35 -0.14 0.00	48.58 -0.24 0.00	51.14 -0.13 0.00	46.94 -0.11 0.00	48.68 -0.15 0.00	44.20 -0.28 0.00	36.59 -0.25 0.00	37.99 -0.16 0.00

HAMPSHIRE___PAPER_HYD 323593	42.31 1.36 0.00	43.08 1.37 0.00	37.46 1.29 0.00	35.59 1.26 0.00	35.84 1.29 0.00	38.54 1.33 0.00	58.86 2.23 0.00	57.16 1.19 0.00	57.02 0.44 0.00	46.20 0.59 0.00	41.80 0.59 0.00	35.32 0.44 0.00	35.64 0.05 0.00	35.97 -0.03 0.00	34.64 -0.10 0.00	34.41 -0.02 0.00	36.29 -0.21 0.00	47.32 -0.52 0.98	42.52 -0.60 8.14	38.84 -0.51 7.69	48.27 -0.40 0.16	44.47 -0.01 0.00	36.92 0.07 0.00	37.88 -0.27 0.00
HARDSCRABBLE_WT_PWR 323673	42.28 1.33 0.00	43.31 1.61 0.00	37.43 1.25 0.00	35.53 1.20 0.00	35.51 0.96 0.00	38.14 0.93 0.00	58.27 1.64 0.00	57.24 1.27 0.00	57.51 0.93 0.00	46.28 0.67 0.00	41.86 0.65 0.00	35.48 0.60 0.00	36.27 0.67 0.00	36.57 0.58 0.00	35.35 0.62 0.00	35.17 0.75 0.00	37.66 1.16 0.00	50.48 1.67 0.00	52.94 1.68 0.00	48.55 1.50 0.00	50.41 1.58 0.00	45.96 1.49 0.00	38.04 1.19 0.00	39.24 1.09 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	43.13 2.18 0.00	43.76 2.05 0.00	37.71 1.54 0.00	35.73 1.40 0.00	36.04 1.49 0.00	38.86 1.64 0.00	59.40 2.77 0.00	58.95 2.98 0.00	59.59 3.01 0.00	48.20 2.59 0.00	43.88 2.66 0.00	37.44 2.56 0.00	38.34 2.75 0.00	38.70 2.71 0.00	37.35 2.61 0.00	36.90 2.47 0.00	39.04 2.53 0.00	52.44 3.63 0.00	55.27 4.00 0.00	50.64 3.60 0.00	52.35 3.52 0.00	47.65 3.17 0.00	39.27 2.43 0.00	40.35 2.21 0.00
HARSNRAD_115KV_TB1 81005	39.08 -1.88 0.00	39.32 -2.38 0.00	33.98 -2.19 0.00	28.49 -2.31 3.53	32.36 -2.19 0.00	32.94 -2.13 2.15	41.29 -3.49 11.85	37.45 -3.48 15.04	44.51 -3.21 8.87	43.00 -2.21 0.40	33.44 -1.91 5.86	24.64 -1.63 8.60	22.30 -1.66 11.64	26.24 -1.37 8.39	22.30 -1.71 10.73	31.75 -2.04 0.63	27.13 -2.27 7.09	35.08 -3.37 10.37	34.40 -3.08 13.79	31.06 -2.48 13.50	32.54 -2.66 13.63	32.19 -2.55 9.74	34.92 -1.98 -0.07	36.87 -1.57 -0.29
HARZA MOOSE___RIVER 24016	42.23 1.27 0.00	42.98 1.28 0.00	37.31 1.14 0.00	35.39 1.05 0.00	35.63 1.08 0.00	38.23 1.02 0.00	58.56 1.93 0.00	56.83 0.86 0.00	56.50 -0.08 0.00	45.89 0.28 0.00	41.62 0.40 0.00	35.35 0.47 0.00	35.68 0.09 0.00	36.04 0.04 0.00	34.71 -0.02 0.00	34.43 0.01 0.00	36.47 -0.03 0.00	48.48 -0.07 0.27	48.90 -0.10 2.27	44.81 -0.09 2.15	48.69 -0.10 0.05	44.51 0.03 0.00	36.87 0.03 0.00	37.88 -0.27 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	40.32 -0.64 0.00	40.96 -0.74 0.00	35.48 -0.69 0.00	33.63 -0.71 0.00	33.87 -0.67 0.00	36.50 -0.71 0.00	55.64 -0.99 0.00	55.13 -0.84 0.00	55.76 -0.83 0.00	45.04 -0.58 0.00	40.76 -0.46 0.00	34.55 -0.32 0.00	35.28 -0.31 0.00	35.68 -0.31 0.00	34.38 -0.35 0.00	34.03 -0.40 0.00	36.07 -0.43 0.00	48.22 -0.59 0.00	50.70 -0.57 0.00	46.53 -0.51 0.00	48.26 -0.57 0.00	43.85 -0.62 0.00	36.31 -0.53 0.00	37.69 -0.46 0.00
HELLGATE_13_KV_LD 55870	43.36 2.40 0.00	43.95 2.24 0.00	37.90 1.73 0.00	35.95 1.62 0.00	36.24 1.69 0.00	39.10 1.89 0.00	59.76 3.13 0.00	59.20 3.22 0.00	59.92 3.34 0.00	48.68 3.07 0.00	44.37 3.15 0.00	37.91 3.03 0.00	38.79 3.19 0.00	39.10 3.11 0.00	37.74 3.00 0.00	37.26 2.84 0.00	39.27 2.77 0.00	52.72 3.91 0.00	55.48 4.21 0.00	50.98 3.93 0.00	52.68 3.84 0.00	47.95 3.47 0.00	39.54 2.69 0.00	40.53 2.38 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	43.36 2.40 0.00	43.95 2.24 0.00	37.90 1.73 0.00	35.95 1.62 0.00	36.24 1.69 0.00	39.10 1.89 0.00	59.76 3.13 0.00	59.20 3.22 0.00	59.92 3.34 0.00	48.68 3.07 0.00	44.37 3.15 0.00	37.91 3.03 0.00	38.79 3.19 0.00	39.10 3.11 0.00	37.74 3.00 0.00	37.26 2.84 0.00	39.27 2.77 0.00	52.72 3.91 0.00	55.48 4.21 0.00	50.98 3.93 0.00	52.68 3.84 0.00	47.95 3.47 0.00	39.54 2.69 0.00	40.53 2.38 0.00
HEMPSTEAD____ 23647	43.11 2.15 0.00	43.58 1.88 0.00	37.52 1.34 0.00	35.59 1.26 0.00	35.87 1.32 0.00	38.68 1.47 0.00	58.63 2.24 0.25	41.12 2.41 17.26	41.91 2.44 17.11	45.17 2.27 2.71	44.21 2.68 -0.31	46.40 2.70 -8.82	42.06 2.92 -3.55	49.98 2.85 -11.15	38.84 2.61 -1.50	32.83 2.14 3.73	33.21 2.16 5.45	50.36 3.25 1.70	54.92 3.65 0.00	50.33 3.29 0.00	68.99 3.55 -16.61	47.61 3.13 0.00	39.12 2.27 0.00	39.86 1.91 0.20
HICKLING___1 23621	39.82 -1.14 0.00	39.98 -1.73 0.00	34.41 -1.77 0.00	21.81 -2.35 10.18	31.74 -1.99 0.82	20.78 -2.27 14.17	56.74 -2.74 -2.85	60.48 -2.24 -6.75	51.68 -2.56 2.35	31.31 -2.07 12.24	36.34 -1.52 3.37	35.62 -0.94 -1.69	41.85 -0.86 -7.12	40.53 -0.53 -5.07	40.88 -1.06 -7.20	29.58 -1.56 3.29	39.81 -1.52 -4.84	53.89 -1.98 -7.06	59.27 -1.39 -9.39	55.06 -1.18 -9.20	56.65 -1.27 -9.08	48.53 -1.71 -5.77	34.53 -1.45 0.87	34.04 -1.39 2.72
HICKLING___2 23622	39.82 -1.14 0.00	39.98 -1.73 0.00	34.41 -1.77 0.00	21.81 -2.35 10.18	31.74 -1.99 0.82	20.78 -2.27 14.17	56.74 -2.74 -2.85	60.48 -2.24 -6.75	51.68 -2.56 2.35	31.31 -2.07 12.24	36.34 -1.52 3.37	35.62 -0.94 -1.69	41.85 -0.86 -7.12	40.53 -0.53 -5.07	40.88 -1.06 -7.20	29.58 -1.56 3.29	39.81 -1.52 -4.84	53.89 -1.98 -7.06	59.27 -1.39 -9.39	55.06 -1.18 -9.20	56.65 -1.27 -9.08	48.53 -1.71 -5.77	34.53 -1.45 0.87	34.04 -1.39 2.72
HIGH FALLS___HY 23754	43.25 2.29 0.00	43.90 2.20 0.00	37.84 1.67 0.00	35.85 1.52 0.00	36.13 1.57 0.00	38.96 1.75 0.00	59.61 2.98 0.00	59.18 3.21 0.00	59.82 3.23 0.00	48.31 2.69 0.00	43.88 2.66 0.00	37.53 2.65 0.00	38.28 2.69 0.00	38.66 2.67 0.00	37.30 2.57 0.00	36.86 2.43 0.00	39.05 2.55 0.00	52.50 3.68 0.00	55.37 4.10 0.00	50.79 3.75 0.00	52.55 3.72 0.00	47.79 3.31 0.00	39.37 2.53 0.00	40.42 2.27 0.00
HIGH_RIVER___SOLAR 323847	42.14 1.19 0.00	42.90 1.19 0.00	37.15 0.98 0.00	35.24 0.91 0.00	35.45 0.90 0.00	38.15 0.93 0.00	58.18 1.55 0.00	57.59 1.62 0.00	58.03 1.45 0.00	46.63 1.02 0.00	42.00 0.78 0.00	35.41 0.53 0.00	36.09 0.50 0.00	36.41 0.42 0.00	35.06 0.32 0.00	34.89 0.47 0.00	37.43 0.93 0.00	50.36 1.55 0.00	52.86 1.60 0.00	48.43 1.39 0.00	50.26 1.42 0.00	45.76 1.28 0.00	37.85 1.01 0.00	39.08 0.94 0.00
HILLBURN___GT 23639	43.02 2.06 0.00	43.65 1.95 0.00	37.60 1.43 0.00	35.62 1.29 0.00	35.93 1.38 0.00	38.74 1.53 0.00	59.24 2.61 0.00	58.81 2.84 0.00	59.45 2.87 0.00	48.07 2.46 0.00	43.73 2.51 0.00	37.33 2.46 0.00	38.27 2.68 0.00	38.62 2.63 0.00	37.25 2.51 0.00	36.81 2.38 0.00	38.91 2.41 0.00	52.30 3.49 0.00	55.15 3.88 0.00	50.51 3.47 0.00	52.20 3.37 0.00	47.51 3.04 0.00	39.16 2.31 0.00	40.22 2.07 0.00
HILLSIDE_115KV_TB1 80332	39.26 -1.70 0.00	39.45 -2.26 0.00	34.04 -2.14 0.00	22.06 -2.65 9.62	31.73 -2.22 0.60	22.82 -2.60 11.79	55.64 -3.23 -2.24	58.67 -2.75 -5.44	52.20 -3.09 1.30	34.10 -2.54 8.98	37.00 -1.89 2.34	35.27 -1.20 -1.60	40.20 -1.14 -5.75	39.40 -0.78 -4.19	39.27 -1.32 -5.86	30.27 -1.85 2.30	38.50 -1.84 -3.84	52.03 -2.38 -5.60	56.96 -1.76 -7.45	52.80 -1.54 -7.29	54.53 -1.64 -7.34	47.04 -2.09 -4.65	34.49 -1.73 0.62	34.46 -1.73 1.95

HISHELDN_WT_PWR 323625	39.27 -1.68 0.00	39.29 -2.41 0.00	33.74 -2.43 0.00	26.45 -2.91 4.98	28.25 -2.85 3.45	0.32 -3.00 33.90	-3.11 -4.57 55.17	-8.17 -4.40 59.74	-8.84 -4.40 61.03	-11.76 -3.20 54.17	-10.54 -2.70 49.05	-10.14 -2.24 42.78	-10.70 -2.22 44.08	-1.73 -2.05 35.67	-9.88 -2.34 42.28	9.87 -2.73 21.82	5.70 -2.91 27.89	4.00 -4.05 40.76	-6.65 -3.69 54.23	-9.22 -3.16 53.10	-8.11 -3.33 53.62	-1.57 -3.24 42.81	30.22 -2.61 4.02	23.88 -2.28 11.99
HOLTSVILLE_IC_1 23690	42.63 1.69 0.02	42.69 1.34 0.36	37.04 0.87 0.00	35.21 0.88 0.00	35.46 0.91 0.00	38.25 1.04 0.00	57.58 1.42 0.47	23.85 1.69 33.82	25.23 1.77 33.12	41.03 1.61 6.19	43.39 2.13 -0.04	43.74 2.39 -6.48	40.10 2.76 -1.74	40.83 2.62 -2.21	37.58 2.29 -0.55	27.41 1.68 8.69	25.71 1.71 12.50	48.29 2.73 3.26	54.40 3.14 0.00	49.85 2.80 0.00	65.53 3.37 -13.33	47.32 2.85 0.00	38.76 1.92 0.00	38.76 1.47 0.86
HOLTSVILLE_IC_10 23699	42.79 1.85 0.02	50.80 1.48 -7.61	62.32 0.99 -25.16	46.32 0.99 -11.00	46.60 1.03 -11.02	39.29 1.17 -0.90	59.39 1.67 -1.08	24.56 1.94 33.35	25.95 2.03 32.67	41.31 1.81 6.11	55.84 2.30 -12.31	56.17 2.53 -18.76	41.43 2.92 -2.92	46.69 2.77 -7.93	38.09 2.43 -0.93	27.67 1.81 8.57	26.05 1.88 12.33	52.75 2.98 -0.96	61.64 3.41 -6.96	53.45 3.05 -3.36	68.30 3.64 -15.83	47.69 3.09 -0.13	39.67 2.10 -0.73	38.96 1.65 0.84
HOLTSVILLE_IC_2 23691	42.63 1.69 0.02	42.69 1.34 0.36	37.04 0.87 0.00	35.21 0.88 0.00	35.46 0.91 0.00	38.25 1.04 0.00	57.58 1.42 0.47	23.85 1.69 33.82	25.23 1.77 33.12	41.03 1.61 6.19	43.39 2.13 -0.04	43.74 2.39 -6.48	40.10 2.76 -1.74	40.83 2.62 -2.21	37.58 2.29 -0.55	27.41 1.68 8.69	25.71 1.71 12.50	48.29 2.73 3.26	54.40 3.14 0.00	49.85 2.80 0.00	65.53 3.37 -13.33	47.32 2.85 0.00	38.76 1.92 0.00	38.76 1.47 0.86
HOLTSVILLE_IC_3 23692	42.63 1.69 0.02	42.69 1.34 0.36	37.04 0.87 0.00	35.21 0.88 0.00	35.46 0.91 0.00	38.25 1.04 0.00	57.58 1.42 0.47	23.85 1.69 33.82	25.23 1.77 33.12	41.03 1.61 6.19	43.39 2.13 -0.04	43.74 2.39 -6.48	40.10 2.76 -1.74	40.83 2.62 -2.21	37.58 2.29 -0.55	27.41 1.68 8.69	25.71 1.71 12.50	48.29 2.73 3.26	54.40 3.14 0.00	49.85 2.80 0.00	65.53 3.37 -13.33	47.32 2.85 0.00	38.76 1.92 0.00	38.76 1.47 0.86
HOLTSVILLE_IC_4 23693	42.63 1.69 0.02	42.69 1.34 0.36	37.04 0.87 0.00	35.21 0.88 0.00	35.46 0.91 0.00	38.25 1.04 0.00	57.58 1.42 0.47	23.85 1.69 33.82	25.23 1.77 33.12	41.03 1.61 6.19	43.39 2.13 -0.04	43.74 2.39 -6.48	40.10 2.76 -1.74	40.83 2.62 -2.21	37.58 2.29 -0.55	27.41 1.68 8.69	25.71 1.71 12.50	48.29 2.73 3.26	54.40 3.14 0.00	49.85 2.80 0.00	65.53 3.37 -13.33	47.32 2.85 0.00	38.76 1.92 0.00	38.76 1.47 0.86
HOLTSVILLE_IC_5 23694	42.63 1.69 0.02	42.69 1.34 0.36	37.04 0.87 0.00	35.21 0.88 0.00	35.46 0.91 0.00	38.25 1.04 0.00	57.58 1.42 0.47	23.85 1.69 33.82	25.23 1.77 33.12	41.03 1.61 6.19	43.39 2.13 -0.04	43.74 2.39 -6.48	40.10 2.76 -1.74	40.83 2.62 -2.21	37.58 2.29 -0.55	27.41 1.68 8.69	25.71 1.71 12.50	48.29 2.73 3.26	54.40 3.14 0.00	49.85 2.80 0.00	65.53 3.37 -13.33	47.32 2.85 0.00	38.76 1.92 0.00	38.76 1.47 0.86
HOLTSVILLE_IC_6 23695	42.79 1.85 0.02	50.80 1.48 -7.61	62.32 0.99 -25.16	46.32 0.99 -11.00	46.60 1.03 -11.02	39.29 1.17 -0.90	59.39 1.67 -1.08	24.56 1.94 33.35	25.95 2.03 32.67	41.31 1.81 6.11	55.84 2.30 -12.31	56.17 2.53 -18.76	41.43 2.92 -2.92	46.69 2.77 -7.93	38.09 2.43 -0.93	27.67 1.81 8.57	26.05 1.88 12.33	52.75 2.98 -0.96	61.64 3.41 -6.96	53.45 3.05 -3.36	68.30 3.64 -15.83	47.69 3.09 -0.13	39.67 2.10 -0.73	38.96 1.65 0.84
HOLTSVILLE_IC_7 23696	42.79 1.85 0.02	50.80 1.48 -7.61	62.32 0.99 -25.16	46.32 0.99 -11.00	46.60 1.03 -11.02	39.29 1.17 -0.90	59.39 1.67 -1.08	24.56 1.94 33.35	25.95 2.03 32.67	41.31 1.81 6.11	55.84 2.30 -12.31	56.17 2.53 -18.76	41.43 2.92 -2.92	46.69 2.77 -7.93	38.09 2.43 -0.93	27.67 1.81 8.57	26.05 1.88 12.33	52.75 2.98 -0.96	61.64 3.41 -6.96	53.45 3.05 -3.36	68.30 3.64 -15.83	47.69 3.09 -0.13	39.67 2.10 -0.73	38.96 1.65 0.84
HOLTSVILLE_IC_8 23697	42.79 1.85 0.02	50.80 1.48 -7.61	62.32 0.99 -25.16	46.32 0.99 -11.00	46.60 1.03 -11.02	39.29 1.17 -0.90	59.39 1.67 -1.08	24.56 1.94 33.35	25.95 2.03 32.67	41.31 1.81 6.11	55.84 2.30 -12.31	56.17 2.53 -18.76	41.43 2.92 -2.92	46.69 2.77 -7.93	38.09 2.43 -0.93	27.67 1.81 8.57	26.05 1.88 12.33	52.75 2.98 -0.96	61.64 3.41 -6.96	53.45 3.05 -3.36	68.30 3.64 -15.83	47.69 3.09 -0.13	39.67 2.10 -0.73	38.96 1.65 0.84
HOLTSVILLE_IC_9 23698	42.79 1.85 0.02	50.80 1.48 -7.61	62.32 0.99 -25.16	46.32 0.99 -11.00	46.60 1.03 -11.02	39.29 1.17 -0.90	59.39 1.67 -1.08	24.56 1.94 33.35	25.95 2.03 32.67	41.31 1.81 6.11	55.84 2.30 -12.31	56.17 2.53 -18.76	41.43 2.92 -2.92	46.69 2.77 -7.93	38.09 2.43 -0.93	27.67 1.81 8.57	26.05 1.88 12.33	52.75 2.98 -0.96	61.64 3.41 -6.96	53.45 3.05 -3.36	68.30 3.64 -15.83	47.69 3.09 -0.13	39.67 2.10 -0.73	38.96 1.65 0.84
HOMER_HL_115KV_TB2 355744	39.94 -1.01 0.00	40.18 -1.53 0.00	34.55 -1.62 0.00	27.18 -2.01 5.14	32.93 -1.78 -0.16	33.41 -1.91 1.89	50.71 -2.75 3.17	49.57 -2.18 4.22	52.99 -2.27 1.32	46.05 -1.83 -2.27	39.33 -1.41 0.48	31.83 -1.03 2.02	31.61 -1.12 2.86	33.66 -0.78 1.56	31.28 -1.27 2.18	33.67 -1.54 -0.78	33.38 -1.65 1.46	44.63 -2.03 2.15	47.18 -1.23 2.85	43.37 -0.88 2.79	44.75 -1.28 2.81	41.09 -1.59 1.80	35.68 -1.38 -0.22	37.71 -1.11 -0.68
HOWARD_WT_PWR 323690	40.35 -1.02 -0.41	40.15 -1.79 -0.23	33.84 -2.55 -0.23	21.14 -3.54 9.65	33.03 -3.42 -1.90	42.05 -3.74 -8.57	94.12 -5.23 -42.71	102.07 -4.69 -50.79	94.01 -4.91 -42.33	68.66 -3.84 -26.89	70.26 -3.31 -32.34	65.32 -2.63 -33.07	73.16 -2.20 -39.76	65.89 -1.96 -31.86	71.43 -2.36 -39.05	44.28 -2.78 -12.63	59.51 -2.73 -25.74	82.70 -3.73 -37.61	98.43 -3.32 -50.49	93.82 -2.72 -49.50	95.65 -2.81 -49.63	79.23 -3.00 -37.76	36.37 -2.51 -2.04	41.62 -2.50 -5.97
HQ_GEN_CEDARS 23644	41.88 0.93 0.00	42.67 0.97 0.00	37.12 0.95 0.00	35.34 1.01 0.00	35.57 1.03 0.00	38.42 1.21 0.00	58.41 1.78 0.00	57.59 1.62 0.00	58.16 1.58 0.00	46.84 1.23 0.00	42.22 1.01 0.00	35.48 0.61 0.00	36.05 0.45 0.00	36.46 0.47 0.00	35.17 0.43 0.00	34.93 0.50 0.00	36.89 0.39 0.00	48.84 0.43 0.41	48.30 0.44 3.41	44.30 0.48 3.23	49.36 0.60 0.07	45.17 0.70 0.00	37.46 0.62 0.00	38.72 0.57 0.00
HQ_GEN_CEDARS_PROXY 323590	41.88 0.93 0.00	42.67 0.97 0.00	37.12 0.95 0.00	35.34 1.01 0.00	35.57 1.03 0.00	38.42 1.21 0.00	58.41 1.78 0.00	57.59 1.62 0.00	58.16 1.58 0.00	46.84 1.22 0.00	42.22 1.01 0.00	35.48 0.60 0.00	36.05 0.45 0.00	36.46 0.47 0.00	35.17 0.44 0.00	34.93 0.50 0.00	35.90 0.39 0.99	48.84 0.43 0.41	48.30 0.44 3.41	44.30 0.48 3.23	49.36 0.60 0.07	45.17 0.69 0.00	37.46 0.61 0.00	38.72 0.57 0.00

HQ_GEN_IMPORT 323601	41.18 0.22 0.00	41.95 0.24 0.00	36.44 0.27 0.00	34.64 0.31 0.00	34.87 0.32 0.00	37.62 0.40 0.00	57.22 0.59 0.00	56.50 0.53 0.00	57.15 0.57 0.00	46.00 0.39 0.00	41.50 0.28 0.00	34.98 0.10 0.00	35.63 0.03 0.00	36.03 0.04 0.00	34.77 0.03 0.00	34.49 0.06 0.00	36.51 0.01 0.00	48.81 0.00 0.00	51.27 0.01 0.00	47.08 0.04 0.00	48.93 0.09 0.00	44.59 0.11 0.00	36.95 0.11 0.00	38.25 0.10 0.00
HQ_GEN_WHEEL 23651	41.18 0.22 0.00	41.95 0.24 0.00	36.44 0.27 0.00	34.64 0.31 0.00	34.87 0.32 0.00	37.62 0.40 0.00	57.22 0.59 0.00	56.50 0.53 0.00	57.15 0.57 0.00	46.00 0.39 0.00	41.50 0.28 0.00	34.98 0.10 0.00	35.63 0.03 0.00	36.03 0.04 0.00	34.77 0.03 0.00	34.49 0.06 0.00	36.51 0.01 0.00	48.81 0.00 0.00	51.27 0.01 0.00	47.08 0.04 0.00	48.93 0.09 0.00	44.59 0.11 0.00	36.95 0.11 0.00	38.25 0.10 0.00
HUDSON AVE_GT_3 23810	43.30 2.34 0.00	43.89 2.19 0.00	37.84 1.67 0.00	35.86 1.53 0.00	36.17 1.62 0.00	39.02 1.80 0.00	59.66 3.03 0.00	59.15 3.18 0.00	59.86 3.28 0.00	48.59 2.98 0.00	44.27 3.05 0.00	37.79 2.91 0.00	38.68 3.09 0.00	39.03 3.04 0.00	37.64 2.90 0.00	37.18 2.75 0.00	39.21 2.71 0.00	52.66 3.85 0.00	55.48 4.21 0.00	50.91 3.87 0.00	52.63 3.79 0.00	47.87 3.39 0.00	39.48 2.63 0.00	40.50 2.35 0.00
HUDSON AVE_GT_4 23540	43.30 2.34 0.00	43.89 2.19 0.00	37.84 1.67 0.00	35.86 1.53 0.00	36.17 1.62 0.00	39.02 1.80 0.00	59.66 3.03 0.00	59.15 3.18 0.00	59.86 3.28 0.00	48.59 2.98 0.00	44.27 3.05 0.00	37.79 2.91 0.00	38.68 3.09 0.00	39.03 3.04 0.00	37.64 2.90 0.00	37.18 2.75 0.00	39.21 2.71 0.00	52.66 3.85 0.00	55.48 4.21 0.00	50.91 3.87 0.00	52.63 3.79 0.00	47.87 3.39 0.00	39.48 2.63 0.00	40.50 2.35 0.00
HUDSON AVE_GT_5 23657	43.30 2.34 0.00	43.89 2.19 0.00	37.84 1.67 0.00	35.86 1.53 0.00	36.17 1.62 0.00	39.02 1.80 0.00	59.66 3.03 0.00	59.15 3.18 0.00	59.86 3.28 0.00	48.59 2.98 0.00	44.27 3.05 0.00	37.79 2.91 0.00	38.68 3.09 0.00	39.03 3.04 0.00	37.64 2.90 0.00	37.18 2.75 0.00	39.21 2.71 0.00	52.66 3.85 0.00	55.48 4.21 0.00	50.91 3.87 0.00	52.63 3.79 0.00	47.87 3.39 0.00	39.48 2.63 0.00	40.50 2.35 0.00
HUDSON_AVE_10 24168	43.17 2.22 0.00	43.77 2.06 0.00	37.73 1.55 0.00	35.77 1.43 0.00	36.07 1.52 0.00	38.91 1.70 0.00	59.52 2.89 0.00	58.99 3.02 0.00	59.71 3.13 0.00	48.48 2.86 0.00	44.15 2.94 0.00	37.70 2.82 0.00	38.60 3.01 0.00	38.93 2.94 0.00	37.54 2.81 0.00	37.08 2.66 0.00	39.09 2.59 0.00	52.51 3.70 0.00	55.29 4.02 0.00	50.72 3.67 0.00	52.42 3.59 0.00	47.74 3.26 0.00	39.36 2.51 0.00	40.37 2.22 0.00
HUDSON___115KV_TB 4 355613	41.80 0.85 0.00	42.60 0.90 0.00	37.03 0.85 0.00	35.16 0.82 0.00	35.38 0.83 0.00	38.01 0.80 0.00	57.80 1.17 0.00	57.23 1.26 0.00	57.82 1.24 0.00	46.54 0.93 0.00	41.76 0.54 0.00	35.49 0.61 0.00	36.44 0.85 0.00	36.71 0.72 0.00	35.56 0.82 0.00	35.33 0.90 0.00	37.70 1.21 0.00	50.48 1.67 0.00	52.92 1.65 0.00	48.44 1.39 0.00	50.28 1.44 0.00	45.80 1.33 0.00	37.97 1.12 0.00	39.29 1.15 0.00
HUNTER MOUNT___DRP 323613	41.86 0.90 0.00	42.66 0.96 0.00	37.09 0.92 0.00	35.23 0.90 0.00	35.42 0.88 0.00	38.07 0.86 0.00	57.91 1.28 0.00	57.38 1.41 0.00	57.96 1.37 0.00	46.63 1.01 0.00	41.73 0.51 0.00	35.46 0.58 0.00	36.44 0.84 0.00	36.65 0.66 0.00	35.51 0.78 0.00	35.30 0.87 0.00	37.71 1.21 0.00	50.52 1.71 0.00	52.97 1.71 0.00	48.47 1.43 0.00	50.32 1.48 0.00	45.84 1.36 0.00	37.99 1.15 0.00	39.31 1.17 0.00
HUNTINGTON_RES_REC 323705	42.71 1.78 0.02	42.48 1.42 0.65	37.11 0.94 0.00	35.25 0.92 0.00	35.51 0.96 0.00	38.25 1.04 0.00	57.53 1.36 0.46	24.45 1.60 33.13	25.84 1.71 32.45	41.17 1.62 6.07	43.51 2.24 -0.05	43.92 2.48 -6.57	40.27 2.87 -1.81	41.31 2.76 -2.56	37.71 2.38 -0.59	27.56 1.65 8.51	25.93 1.68 12.25	48.35 2.74 3.20	54.43 3.17 0.00	49.85 2.81 0.00	65.79 3.51 -13.44	47.45 2.97 0.00	38.84 2.00 0.00	38.86 1.55 0.83
HUNTLEY___63 23557	39.39 -1.56 0.00	39.60 -2.10 0.00	34.20 -1.97 0.00	28.44 -2.15 3.74	32.55 -2.00 0.00	32.96 -1.96 2.29	41.44 -3.25 11.94	37.64 -3.19 15.14	44.75 -2.92 8.92	43.19 -2.03 0.40	33.64 -1.69 5.90	24.78 -1.44 8.65	22.51 -1.48 11.60	26.54 -1.16 8.29	22.61 -1.52 10.61	31.50 -1.88 1.05	27.37 -2.11 7.02	35.43 -3.12 10.26	34.82 -2.79 13.65	31.46 -2.22 13.36	32.96 -2.39 13.49	32.41 -2.33 9.73	34.98 -1.84 0.03	36.71 -1.44 0.00
HUNTLEY___64 23558	39.39 -1.56 0.00	39.60 -2.10 0.00	34.20 -1.97 0.00	28.44 -2.15 3.74	32.55 -2.00 0.00	32.96 -1.96 2.29	41.44 -3.25 11.94	37.64 -3.19 15.14	44.75 -2.92 8.92	43.19 -2.03 0.40	33.64 -1.69 5.90	24.78 -1.44 8.65	22.51 -1.48 11.60	26.54 -1.16 8.29	22.61 -1.52 10.61	31.50 -1.88 1.05	27.37 -2.11 7.02	35.43 -3.12 10.26	34.82 -2.79 13.65	31.46 -2.22 13.36	32.96 -2.39 13.49	32.41 -2.33 9.73	34.98 -1.84 0.03	36.71 -1.44 0.00
HUNTLEY___65 23559	39.39 -1.56 0.00	39.60 -2.10 0.00	34.20 -1.97 0.00	28.44 -2.15 3.74	32.55 -2.00 0.00	32.96 -1.96 2.29	41.44 -3.25 11.94	37.64 -3.19 15.14	44.75 -2.92 8.92	43.19 -2.03 0.40	33.64 -1.69 5.90	24.78 -1.44 8.65	22.51 -1.48 11.60	26.54 -1.16 8.29	22.61 -1.52 10.61	31.50 -1.88 1.05	27.37 -2.11 7.02	35.43 -3.12 10.26	34.82 -2.79 13.65	31.46 -2.22 13.36	32.96 -2.39 13.49	32.41 -2.33 9.73	34.98 -1.84 0.03	36.71 -1.44 0.00
HUNTLEY___66 23560	39.39 -1.56 0.00	39.60 -2.10 0.00	34.20 -1.97 0.00	28.44 -2.15 3.74	32.55 -2.00 0.00	32.96 -1.96 2.29	41.44 -3.25 11.94	37.64 -3.19 15.14	44.75 -2.92 8.92	43.19 -2.03 0.40	33.64 -1.69 5.90	24.78 -1.44 8.65	22.51 -1.48 11.60	26.54 -1.16 8.29	22.61 -1.52 10.61	31.50 -1.88 1.05	27.37 -2.11 7.02	35.43 -3.12 10.26	34.82 -2.79 13.65	31.46 -2.22 13.36	32.96 -2.39 13.49	32.41 -2.33 9.73	34.98 -1.84 0.03	36.71 -1.44 0.00
HUNTLEY___67 23561	39.09 -1.87 0.00	39.33 -2.38 0.00	33.96 -2.21 0.00	28.13 -2.38 3.82	32.32 -2.23 0.00	32.59 -2.27 2.35	41.11 -3.75 11.78	37.39 -3.66 14.92	44.34 -3.45 8.79	42.83 -2.39 0.39	33.33 -2.07 5.82	24.59 -1.76 8.53	22.47 -1.81 11.31	26.49 -1.50 8.01	22.66 -1.83 10.25	31.32 -2.10 1.01	27.34 -2.37 6.78	35.43 -3.48 9.91	34.92 -3.16 13.18	31.57 -2.57 12.91	33.05 -2.75 13.03	32.45 -2.63 9.40	34.80 -2.02 0.03	36.52 -1.62 0.00
HUNTLEY___68 23562	39.09 -1.87 0.00	39.33 -2.38 0.00	33.96 -2.21 0.00	28.13 -2.38 3.82	32.32 -2.23 0.00	32.59 -2.27 2.35	41.11 -3.75 11.78	37.39 -3.66 14.92	44.34 -3.45 8.79	42.83 -2.39 0.39	33.33 -2.07 5.82	24.59 -1.76 8.53	22.47 -1.81 11.31	26.49 -1.50 8.01	22.66 -1.83 10.25	31.32 -2.10 1.01	27.34 -2.37 6.78	35.43 -3.48 9.91	34.92 -3.16 13.18	31.57 -2.57 12.91	33.05 -2.75 13.03	32.45 -2.63 9.40	34.80 -2.02 0.03	36.52 -1.62 0.00

HYLAND___LFGE 323620	42.07 0.91 -0.20	42.13 0.31 -0.11	36.14 -0.15 -0.11	28.18 -0.62 5.54	36.32 -0.45 -2.22	52.15 -0.29 -15.22	105.34 0.03 -48.69	113.17 0.57 -56.62	106.32 0.64 -49.10	79.78 0.52 -33.65	79.36 0.31 -37.84	72.64 0.19 -37.58	79.88 0.10 -44.19	71.64 0.20 -35.45	77.54 -0.43 -43.23	49.41 -0.28 -15.27	64.97 -0.02 -28.49	90.39 -0.07 -41.64	107.42 0.53 -55.62	102.38 0.84 -54.49	104.58 0.88 -54.86	86.98 0.41 -42.10	39.65 0.26 -2.55	46.11 0.49 -7.48
INDECK___CORINTH 23802	42.02 1.07 0.00	42.71 1.00 0.00	37.10 0.93 0.00	35.21 0.88 0.00	35.54 0.99 0.00	38.23 1.02 0.00	58.10 1.47 0.00	57.33 1.36 0.00	58.07 1.49 0.00	46.68 1.06 0.00	42.01 0.79 0.00	35.50 0.62 0.00	36.33 0.74 0.00	36.85 0.86 0.00	35.65 0.92 0.00	35.48 1.05 0.00	37.81 1.31 0.00	50.47 1.66 0.00	52.56 1.29 0.00	48.19 1.14 0.00	50.26 1.42 0.00	45.89 1.42 0.00	38.12 1.28 0.00	39.20 1.06 0.00
INDECK___ILION 23567	41.76 0.81 0.00	42.63 0.93 0.00	36.90 0.73 0.00	35.01 0.68 0.00	35.13 0.58 0.00	37.77 0.56 0.00	57.60 0.97 0.00	56.79 0.82 0.00	57.21 0.62 0.00	46.08 0.47 0.00	41.68 0.46 0.00	35.33 0.45 0.00	36.10 0.51 0.00	36.46 0.46 0.00	35.22 0.48 0.00	34.97 0.54 0.00	37.29 0.80 0.00	49.95 1.14 0.00	52.40 1.13 0.00	48.06 1.01 0.00	49.88 1.05 0.00	45.46 0.98 0.00	37.62 0.77 0.00	38.87 0.73 0.00
INDECK___OLEAN 23982	38.90 -1.01 1.05	39.59 -1.52 0.60	33.97 -1.62 0.58	26.59 -2.00 5.74	32.34 -1.77 0.44	32.85 -1.92 2.44	49.78 -2.70 4.15	47.42 -2.16 6.39	51.80 -2.32 2.46	45.57 -1.85 -1.81	38.37 -1.25 1.61	30.89 -1.04 2.95	31.63 -1.10 2.86	33.66 -0.78 1.56	31.30 -1.25 2.18	33.65 -1.55 -0.78	33.39 -1.65 1.46	44.65 -2.02 2.15	46.18 -1.23 3.85	42.21 -0.92 3.92	44.38 -1.28 3.18	41.09 -1.58 1.80	35.68 -1.39 -0.22	37.72 -1.11 -0.68
INDECK___OSWEGO 23783	39.91 -1.05 0.00	40.59 -1.12 0.00	35.19 -0.98 0.00	33.35 -0.99 0.00	33.56 -0.99 0.00	36.16 -1.05 0.00	55.09 -1.54 0.00	54.45 -1.52 0.00	55.00 -1.58 0.00	44.43 -1.19 0.00	40.21 -1.02 0.00	34.06 -0.82 0.00	34.73 -0.87 0.00	35.11 -0.88 0.00	33.85 -0.88 0.00	33.52 -0.91 0.00	35.55 -0.95 0.00	47.52 -1.30 0.00	49.95 -1.32 0.00	45.85 -1.20 0.00	47.56 -1.27 0.00	43.24 -1.24 0.00	35.82 -1.02 0.00	37.18 -0.96 0.00
INDECK___YERKES 23781	38.75 -1.51 0.69	39.25 -2.06 0.39	33.85 -1.94 0.38	28.08 -2.11 4.15	32.20 -1.96 0.39	32.62 -1.94 2.65	40.93 -3.12 12.58	36.30 -3.11 16.57	43.97 -2.94 9.68	42.96 -1.95 0.71	33.13 -1.45 6.64	24.20 -1.41 9.27	22.58 -1.41 11.60	26.60 -1.10 8.29	22.68 -1.44 10.61	31.52 -1.86 1.05	27.41 -2.07 7.02	35.50 -3.06 10.26	34.27 -2.72 14.28	30.82 -2.15 14.07	32.80 -2.32 13.72	32.47 -2.27 9.73	35.01 -1.81 0.03	36.74 -1.41 0.00
INDIAN POINT_GT_1 24139	42.92 1.96 0.00	43.54 1.84 0.00	37.52 1.35 0.00	35.58 1.24 0.00	35.87 1.32 0.00	38.66 1.45 0.00	59.09 2.46 0.00	58.62 2.65 0.00	59.27 2.68 0.00	47.98 2.37 0.00	43.68 2.46 0.00	37.27 2.39 0.00	38.17 2.58 0.00	38.54 2.55 0.00	37.17 2.44 0.00	36.71 2.28 0.00	38.79 2.30 0.00	52.11 3.30 0.00	54.91 3.65 0.00	50.34 3.29 0.00	52.06 3.22 0.00	47.38 2.90 0.00	39.06 2.21 0.00	40.12 1.98 0.00
INDIAN POINT_GT_2 23659	42.92 1.96 0.00	43.54 1.84 0.00	37.52 1.35 0.00	35.58 1.24 0.00	35.87 1.32 0.00	38.66 1.45 0.00	59.09 2.46 0.00	58.62 2.65 0.00	59.27 2.68 0.00	47.98 2.37 0.00	43.68 2.46 0.00	37.27 2.39 0.00	38.17 2.58 0.00	38.54 2.55 0.00	37.17 2.44 0.00	36.71 2.28 0.00	38.79 2.30 0.00	52.11 3.30 0.00	54.91 3.65 0.00	50.34 3.29 0.00	52.06 3.22 0.00	47.38 2.90 0.00	39.06 2.21 0.00	40.12 1.98 0.00
INDIAN POINT_GT_3 24019	42.92 1.96 0.00	43.54 1.84 0.00	37.52 1.35 0.00	35.58 1.24 0.00	35.87 1.32 0.00	38.66 1.45 0.00	59.09 2.46 0.00	58.62 2.65 0.00	59.27 2.68 0.00	47.98 2.37 0.00	43.68 2.46 0.00	37.27 2.39 0.00	38.17 2.58 0.00	38.54 2.55 0.00	37.17 2.44 0.00	36.71 2.28 0.00	38.79 2.30 0.00	52.11 3.30 0.00	54.91 3.65 0.00	50.34 3.29 0.00	52.06 3.22 0.00	47.38 2.90 0.00	39.06 2.21 0.00	40.12 1.98 0.00
INDIAN POINT___2 23530	42.90 1.94 0.00	43.54 1.83 0.00	37.51 1.34 0.00	35.55 1.21 0.00	35.84 1.29 0.00	38.64 1.43 0.00	59.06 2.43 0.00	58.59 2.62 0.00	59.24 2.65 0.00	47.92 2.30 0.00	43.59 2.37 0.00	37.22 2.34 0.00	38.14 2.55 0.00	38.50 2.51 0.00	37.13 2.39 0.00	36.68 2.26 0.00	38.77 2.27 0.00	52.09 3.27 0.00	54.91 3.65 0.00	50.31 3.27 0.00	52.03 3.20 0.00	47.36 2.89 0.00	39.04 2.20 0.00	40.10 1.96 0.00
INDIAN POINT___3 23531	42.92 1.96 0.00	43.55 1.84 0.00	37.53 1.36 0.00	35.58 1.24 0.00	35.87 1.32 0.00	38.66 1.45 0.00	59.08 2.45 0.00	58.61 2.64 0.00	59.25 2.67 0.00	47.97 2.36 0.00	43.67 2.45 0.00	37.26 2.39 0.00	38.17 2.58 0.00	38.53 2.54 0.00	37.17 2.43 0.00	36.71 2.28 0.00	38.79 2.30 0.00	52.11 3.30 0.00	54.90 3.64 0.00	50.32 3.28 0.00	52.05 3.22 0.00	47.38 2.90 0.00	39.06 2.21 0.00	40.12 1.98 0.00
INGHAM_C_115KV_TB7 356103	42.78 1.82 0.00	43.73 2.03 0.00	37.81 1.64 0.00	35.86 1.53 0.00	35.90 1.35 0.00	38.57 1.36 0.00	58.91 2.28 0.00	58.02 2.05 0.00	58.33 1.74 0.00	46.89 1.27 0.00	42.37 1.16 0.00	35.92 1.04 0.00	36.73 1.14 0.00	37.03 1.04 0.00	35.79 1.06 0.00	35.66 1.24 0.00	38.29 1.79 0.00	51.37 2.56 0.00	53.84 2.58 0.00	49.36 2.32 0.00	51.24 2.41 0.00	46.76 2.29 0.00	38.69 1.85 0.00	39.89 1.74 0.00
IP CORINTH___1 23988	42.26 1.30 0.00	42.94 1.23 0.00	37.30 1.13 0.00	35.39 1.06 0.00	35.73 1.18 0.00	38.42 1.21 0.00	58.43 1.80 0.00	57.66 1.69 0.00	58.40 1.82 0.00	46.95 1.33 0.00	42.26 1.04 0.00	35.70 0.83 0.00	36.54 0.95 0.00	37.06 1.07 0.00	35.85 1.12 0.00	35.67 1.25 0.00	38.02 1.52 0.00	50.75 1.94 0.00	52.85 1.59 0.00	48.47 1.42 0.00	50.54 1.71 0.00	46.14 1.66 0.00	38.32 1.48 0.00	39.41 1.26 0.00
IP___TICONDEROGA 23804	44.18 3.22 0.00	44.75 3.05 0.00	39.07 2.90 0.00	37.14 2.80 0.00	37.71 3.17 0.00	40.59 3.37 0.00	62.17 5.54 0.00	60.60 4.63 0.00	61.80 5.21 0.00	49.43 3.82 0.00	44.41 3.19 0.00	37.52 2.64 0.00	38.32 2.73 0.00	39.24 3.25 0.00	37.85 3.11 0.00	37.68 3.26 0.00	40.16 3.66 0.00	53.36 4.55 0.00	55.03 3.77 0.00	50.61 3.57 0.00	52.98 4.14 0.00	48.39 3.92 0.00	40.34 3.50 0.00	41.52 3.37 0.00
ISLIP_RES_REC 323679	42.92 1.98 0.01	48.85 1.60 -5.55	55.77 1.08 -18.52	43.51 1.08 -8.10	43.77 1.11 -8.11	39.16 1.29 -0.66	59.19 1.89 -0.68	25.09 2.15 33.03	26.47 2.25 32.36	41.56 2.00 6.05	52.75 2.46 -9.08	53.11 2.66 -15.57	41.30 3.05 -2.66	45.55 2.90 -6.66	38.14 2.55 -0.85	27.86 1.92 8.48	26.29 2.00 12.21	51.87 3.18 0.12	60.03 3.64 -5.12	52.78 3.26 -2.48	67.92 3.84 -15.24	47.83 3.26 -0.10	39.61 2.23 -0.54	39.09 1.77 0.83

JAMAICA__27_KV_LOAD 355505	43.33 2.38 0.00	43.90 2.19 0.00	37.84 1.67 0.00	35.89 1.56 0.00	36.22 1.67 0.00	39.06 1.85 0.00	59.79 3.16 0.00	59.25 3.27 0.00	59.94 3.35 0.00	48.71 3.10 0.00	44.31 3.09 0.00	37.85 2.97 0.00	38.75 3.16 0.00	39.09 3.10 0.00	37.68 2.95 0.00	37.24 2.82 0.00	39.18 2.68 0.00	52.67 3.86 0.00	55.51 4.24 0.00	50.93 3.88 0.00	52.66 3.82 0.00	48.03 3.56 0.00	39.61 2.76 0.00	40.61 2.47 0.00
JANIS__SOLAR 323808	42.64 1.38 -0.31	43.07 1.19 -0.17	37.25 0.91 -0.17	43.87 0.72 -8.81	35.18 0.54 -0.08	42.90 0.68 -5.01	61.17 1.36 -3.18	61.39 1.37 -4.04	59.35 1.11 -1.66	45.76 1.30 1.16	43.39 1.19 -0.98	37.90 1.03 -1.99	39.69 1.01 -3.10	39.45 1.07 -2.38	38.77 0.94 -3.09	35.52 0.80 -0.30	39.46 0.94 -2.02	53.07 1.31 -2.95	57.07 1.57 -4.24	52.80 1.56 -4.19	54.38 1.56 -3.99	48.49 1.21 -2.81	37.73 0.88 -0.01	38.99 0.84 0.00
JARVIS____ 23743	41.08 0.12 0.00	41.85 0.14 0.00	36.27 0.10 0.00	34.40 0.07 0.00	34.61 0.06 0.00	37.25 0.04 0.00	56.67 0.05 0.00	56.00 0.02 0.00	56.58 -0.01 0.00	45.59 -0.02 0.00	41.24 0.02 0.00	34.95 0.07 0.00	35.70 0.10 0.00	36.10 0.11 0.00	34.84 0.11 0.00	34.53 0.10 0.00	36.65 0.15 0.00	49.02 0.21 0.00	51.47 0.21 0.00	47.23 0.18 0.00	48.99 0.16 0.00	44.62 0.15 0.00	36.96 0.11 0.00	38.24 0.09 0.00
JENNISON____1 23625	42.20 1.24 0.00	42.67 0.97 0.00	36.97 0.79 0.00	36.66 0.58 -1.75	34.37 -0.01 0.17	36.71 -0.02 0.49	56.23 0.15 0.56	55.89 0.20 0.28	54.91 -0.21 1.47	43.41 0.46 2.66	40.24 0.43 1.41	34.74 0.46 0.60	37.23 0.58 -1.06	37.78 0.50 -1.29	36.07 0.29 -1.04	33.88 0.16 0.71	36.71 0.22 0.00	49.12 0.31 0.00	51.76 0.50 0.00	47.50 0.45 0.00	49.18 0.34 0.00	44.43 0.12 0.16	36.64 -0.05 0.16	37.52 -0.14 0.48
JENNISON____2 23626	42.20 1.24 0.00	42.67 0.97 0.00	36.97 0.79 0.00	36.66 0.58 -1.75	34.37 -0.01 0.17	36.71 -0.02 0.49	56.23 0.15 0.56	55.89 0.20 0.28	54.91 -0.21 1.47	43.41 0.46 2.66	40.24 0.43 1.41	34.74 0.46 0.60	37.23 0.58 -1.06	37.78 0.50 -1.29	36.07 0.29 -1.04	33.88 0.16 0.71	36.71 0.22 0.00	49.12 0.31 0.00	51.76 0.50 0.00	47.50 0.45 0.00	49.18 0.34 0.00	44.43 0.12 0.16	36.64 -0.05 0.16	37.52 -0.14 0.48
JERICOHO_RISE_WT_PWR 323719	40.63 -0.33 0.00	41.67 -0.04 0.00	36.39 0.22 0.00	34.78 0.45 0.00	35.06 0.51 0.00	37.95 0.73 0.00	57.75 1.12 0.00	56.90 0.93 0.00	57.63 1.04 0.00	46.20 0.59 0.00	41.20 -0.02 0.00	34.35 -0.53 0.00	34.68 -0.91 0.00	35.03 -0.97 0.00	33.78 -0.96 0.00	33.55 -0.88 0.00	35.45 -1.05 0.00	39.22 -1.49 8.10	-17.82 -1.61 67.47	-18.12 -1.41 63.76	46.17 -1.33 1.34	43.45 -1.03 0.00	36.05 -0.80 0.00	37.26 -0.89 0.00
KATONAH__115KV_46KV_TB4 355592	43.07 2.11 0.00	43.71 2.00 0.00	37.66 1.49 0.00	35.69 1.36 0.00	35.99 1.44 0.00	38.80 1.58 0.00	59.32 2.69 0.00	58.82 2.85 0.00	59.49 2.90 0.00	48.20 2.58 0.00	43.89 2.67 0.00	37.44 2.56 0.00	38.34 2.74 0.00	38.70 2.70 0.00	37.33 2.60 0.00	36.86 2.44 0.00	38.96 2.46 0.00	52.31 3.49 0.00	55.08 3.82 0.00	50.51 3.47 0.00	52.28 3.44 0.00	47.57 3.09 0.00	39.22 2.37 0.00	40.27 2.12 0.00
KCE_NY_1 323755	42.38 1.43 0.00	43.14 1.43 0.00	37.43 1.26 0.00	35.49 1.16 0.00	35.82 1.27 0.00	38.49 1.28 0.00	58.60 1.97 0.00	57.91 1.94 0.00	58.55 1.97 0.00	47.10 1.49 0.00	42.43 1.22 0.00	35.88 1.01 0.00	36.80 1.20 0.00	37.21 1.22 0.00	36.03 1.29 0.00	35.87 1.45 0.00	38.19 1.69 0.00	51.05 2.24 0.00	53.35 2.08 0.00	48.86 1.81 0.00	50.81 1.98 0.00	46.35 1.88 0.00	38.42 1.58 0.00	39.61 1.46 0.00
KCE_NY_6_ESR 323823	38.71 -1.46 0.79	39.24 -2.02 0.44	33.78 -1.96 0.43	27.51 -2.23 4.59	32.03 -2.08 0.44	32.10 -2.17 2.94	38.71 -3.39 14.53	33.63 -3.20 19.13	42.34 -3.07 11.18	42.77 -2.03 0.81	31.96 -1.60 7.66	22.70 -1.47 10.71	20.51 -1.51 13.57	24.98 -1.23 9.78	20.67 -1.54 12.52	31.31 -1.88 1.23	26.09 -2.13 8.28	33.61 -3.10 12.10	31.76 -2.69 16.82	28.30 -2.17 16.57	30.30 -2.36 16.18	30.66 -2.33 11.48	34.99 -1.83 0.03	36.71 -1.44 0.00
KEDC_PORT_JEFF_GT2 24210	42.72 1.78 0.02	42.76 1.44 0.38	37.12 0.95 0.00	35.28 0.95 0.00	35.54 0.99 0.00	38.33 1.12 0.00	57.75 1.58 0.46	24.30 1.85 33.51	25.69 1.93 32.83	41.22 1.74 6.14	43.52 2.26 -0.04	43.87 2.48 -6.52	40.25 2.88 -1.77	41.10 2.73 -2.37	37.69 2.38 -0.57	27.57 1.76 8.61	25.92 1.81 12.39	48.47 2.89 3.23	54.59 3.33 0.00	50.01 2.97 0.00	65.77 3.56 -13.38	47.49 3.01 0.00	38.88 2.04 0.00	38.88 1.58 0.85
KEDC_PORT_JEFF_GT3 24211	42.72 1.78 0.02	42.76 1.44 0.38	37.12 0.95 0.00	35.28 0.95 0.00	35.54 0.99 0.00	38.33 1.12 0.00	57.75 1.58 0.46	24.30 1.85 33.51	25.69 1.93 32.83	41.22 1.74 6.14	43.52 2.26 -0.04	43.87 2.48 -6.52	40.25 2.88 -1.77	41.10 2.73 -2.37	37.69 2.38 -0.57	27.57 1.76 8.61	25.92 1.81 12.39	48.47 2.89 3.23	54.59 3.33 0.00	50.01 2.97 0.00	65.77 3.56 -13.38	47.49 3.01 0.00	38.88 2.04 0.00	38.88 1.58 0.85
KEDC_GLWD_GT4 24219	43.34 2.38 0.00	43.87 2.17 0.00	37.78 1.60 0.00	35.82 1.49 0.00	36.11 1.56 0.00	38.94 1.72 0.00	59.20 2.74 0.17	47.77 2.91 11.11	48.54 2.97 11.01	46.51 2.68 1.78	44.47 2.94 -0.31	47.07 2.89 -9.30	42.31 3.10 -3.62	49.91 3.05 -10.86	39.08 2.85 -1.50	34.48 2.51 2.45	35.44 2.53 3.59	51.34 3.68 1.16	55.33 4.07 0.00	50.72 3.67 0.00	70.36 3.83 -17.69	47.87 3.39 0.00	39.39 2.55 0.00	40.28 2.25 0.11
KEDC_GLWD_GT5 24220	43.34 2.38 0.00	43.87 2.17 0.00	37.78 1.60 0.00	35.82 1.49 0.00	36.11 1.56 0.00	38.94 1.72 0.00	59.20 2.74 0.17	47.77 2.91 11.11	48.54 2.97 11.01	46.51 2.68 1.78	44.47 2.94 -0.31	47.07 2.89 -9.30	42.31 3.10 -3.62	49.91 3.05 -10.86	39.08 2.85 -1.50	34.48 2.51 2.45	35.44 2.53 3.59	51.34 3.68 1.16	55.33 4.07 0.00	50.72 3.67 0.00	70.36 3.83 -17.69	47.87 3.39 0.00	39.39 2.55 0.00	40.28 2.25 0.11
KENSICO____ 23655	43.01 2.05 0.00	43.63 1.92 0.00	37.59 1.42 0.00	35.64 1.31 0.00	35.93 1.38 0.00	38.74 1.52 0.00	59.20 2.57 0.00	58.72 2.75 0.00	59.37 2.79 0.00	48.10 2.49 0.00	43.81 2.59 0.00	37.39 2.51 0.00	38.29 2.70 0.00	38.64 2.65 0.00	37.28 2.54 0.00	36.81 2.38 0.00	38.89 2.39 0.00	52.23 3.41 0.00	55.02 3.76 0.00	50.45 3.40 0.00	52.19 3.36 0.00	47.50 3.02 0.00	39.16 2.32 0.00	40.21 2.06 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	43.14 2.19 0.00	43.81 2.11 0.00	37.78 1.61 0.00	35.79 1.46 0.00	36.07 1.52 0.00	38.89 1.68 0.00	59.48 2.86 0.00	59.04 3.07 0.00	59.68 3.10 0.00	48.18 2.57 0.00	43.77 2.55 0.00	37.41 2.54 0.00	38.13 2.54 0.00	38.53 2.53 0.00	37.17 2.43 0.00	36.75 2.33 0.00	38.95 2.46 0.00	52.36 3.55 0.00	55.20 3.94 0.00	50.64 3.59 0.00	52.39 3.56 0.00	47.64 3.17 0.00	39.28 2.43 0.00	40.34 2.20 0.00

KIAC_JFK_GT1 23816	43.09 2.14 0.00	43.67 1.96 0.00	37.65 1.48 0.00	35.71 1.38 0.00	36.03 1.47 0.00	38.85 1.63 0.00	59.41 2.78 0.00	58.68 2.71 0.00	59.38 2.80 0.00	48.42 2.80 0.00	44.07 2.85 0.00	37.65 2.77 0.00	38.55 2.96 0.00	38.88 2.89 0.00	37.49 2.76 0.00	37.02 2.59 0.00	38.82 2.32 0.00	52.18 3.37 0.00	54.99 3.72 0.00	50.45 3.40 0.00	52.17 3.33 0.00	47.75 3.28 0.00	39.39 2.54 0.00	40.39 2.24 0.00
KIAC_JFK_GT2 23817	43.09 2.14 0.00	43.67 1.96 0.00	37.65 1.48 0.00	35.71 1.38 0.00	36.03 1.47 0.00	38.85 1.63 0.00	59.41 2.78 0.00	58.68 2.71 0.00	59.38 2.80 0.00	48.42 2.80 0.00	44.07 2.85 0.00	37.65 2.77 0.00	38.55 2.96 0.00	38.88 2.89 0.00	37.49 2.76 0.00	37.02 2.59 0.00	38.82 2.32 0.00	52.18 3.37 0.00	54.99 3.72 0.00	50.45 3.40 0.00	52.17 3.33 0.00	47.75 3.28 0.00	39.39 2.54 0.00	40.39 2.24 0.00
KIAC_JFK____ 323774	43.09 2.13 0.00	43.67 1.97 0.00	37.65 1.48 0.00	35.71 1.37 0.00	36.03 1.48 0.00	38.84 1.63 0.00	59.39 2.76 0.00	58.68 2.71 0.00	59.38 2.80 0.00	48.41 2.80 0.00	44.03 2.81 0.00	37.64 2.76 0.00	38.54 2.95 0.00	38.88 2.89 0.00	37.48 2.74 0.00	37.02 2.60 0.00	38.82 2.32 0.00	52.18 3.37 0.00	54.97 3.70 0.00	50.44 3.40 0.00	52.16 3.33 0.00	47.75 3.27 0.00	39.38 2.54 0.00	40.38 2.24 0.00
KINTIGH__24_KV_GSU 356498	38.65 -1.70 0.60	39.21 -2.15 0.34	33.86 -1.98 0.33	28.76 -2.08 3.49	32.26 -1.95 0.34	33.01 -1.95 2.26	44.48 -3.19 8.97	40.96 -3.14 11.87	46.69 -2.98 6.92	43.04 -2.02 0.55	34.83 -1.61 4.78	26.77 -1.50 6.61	26.64 -1.48 7.47	29.87 -1.19 4.93	26.96 -1.46 6.31	32.50 -1.72 0.21	30.39 -1.93 4.18	39.89 -2.82 6.10	40.04 -2.60 8.62	36.42 -2.11 8.51	38.37 -2.25 8.21	36.61 -2.17 5.70	35.24 -1.68 -0.08	37.06 -1.36 -0.28
KINTIGH____ 23543	39.22 -1.74 0.00	39.52 -2.18 0.00	34.16 -2.02 0.00	29.08 -2.11 3.14	32.57 -1.98 0.00	33.31 -1.97 1.94	44.92 -3.30 8.41	42.14 -3.21 10.63	47.32 -3.00 6.26	43.24 -2.10 0.28	35.28 -1.80 4.14	27.27 -1.54 6.07	26.59 -1.53 7.47	29.82 -1.24 4.93	26.90 -1.53 6.31	32.47 -1.74 0.21	30.35 -1.97 4.18	39.82 -2.89 6.10	40.46 -2.69 8.12	36.92 -2.18 7.95	38.48 -2.33 8.03	36.57 -2.21 5.70	35.22 -1.70 -0.08	37.04 -1.38 -0.28
KNTFSRNC_46_KV_46KV_LOAD 80397	41.05 0.09 0.00	42.06 0.36 0.00	36.75 0.57 0.00	35.09 0.76 0.00	35.38 0.83 0.00	38.31 1.10 0.00	58.37 1.74 0.00	57.46 1.49 0.00	58.24 1.65 0.00	46.69 1.08 0.00	41.66 0.44 0.00	34.78 -0.09 0.00	35.08 -0.51 0.00	35.43 -0.56 0.00	34.17 -0.56 0.00	33.90 -0.53 0.00	35.82 -0.68 0.00	39.14 -1.05 8.62	-21.81 -1.24 71.84	-21.91 -1.07 67.89	46.65 -0.75 1.43	44.03 -0.44 0.00	36.58 -0.26 0.00	37.77 -0.38 0.00
LACHUTE____HYDRO 323717	44.18 3.23 0.00	44.76 3.05 0.00	39.07 2.90 0.00	37.14 2.81 0.00	37.71 3.17 0.00	40.59 3.38 0.00	62.18 5.55 0.00	60.60 4.63 0.00	61.80 5.21 0.00	49.43 3.82 0.00	44.41 3.18 0.00	37.52 2.64 0.00	38.32 2.73 0.00	39.24 3.25 0.00	37.85 3.11 0.00	37.68 3.26 0.00	40.17 3.66 0.00	53.35 4.54 0.00	55.04 3.77 0.00	50.61 3.57 0.00	52.98 4.14 0.00	48.39 3.92 0.00	40.34 3.50 0.00	41.51 3.37 0.00
LAWRNCALV_115KV_TB1 80681	42.10 1.14 0.00	42.90 1.20 0.00	37.34 1.17 0.00	35.55 1.22 0.00	35.80 1.25 0.00	38.64 1.43 0.00	58.71 2.08 0.00	57.70 1.73 0.00	58.16 1.57 0.00	46.90 1.29 0.00	42.35 1.13 0.00	35.58 0.71 0.00	36.07 0.48 0.00	36.49 0.49 0.00	35.17 0.43 0.00	34.93 0.50 0.00	36.79 0.29 0.00	47.75 0.13 1.19	41.38 0.05 9.93	37.78 0.12 9.39	48.97 0.33 0.20	45.11 0.63 0.00	37.49 0.64 0.00	38.68 0.54 0.00
LEDERLE____ 23769	43.18 2.23 0.00	43.80 2.10 0.00	37.73 1.56 0.00	35.76 1.43 0.00	36.06 1.51 0.00	38.89 1.68 0.00	59.54 2.91 0.00	59.12 3.15 0.00	59.75 3.17 0.00	48.33 2.72 0.00	43.96 2.74 0.00	37.50 2.62 0.00	38.42 2.83 0.00	38.79 2.80 0.00	37.41 2.67 0.00	36.96 2.54 0.00	39.08 2.58 0.00	52.52 3.71 0.00	55.37 4.10 0.00	50.71 3.67 0.00	52.43 3.59 0.00	47.70 3.22 0.00	39.31 2.46 0.00	40.37 2.22 0.00
LIGHTHSE_115KV_TB6 355974	40.91 -0.04 0.00	41.56 -0.14 0.00	36.05 -0.12 0.00	34.17 -0.16 0.00	34.42 -0.13 0.00	37.01 -0.20 0.00	56.55 -0.08 0.00	55.34 -0.64 0.00	55.56 -1.02 0.00	45.06 -0.56 0.00	40.75 -0.47 0.00	34.52 -0.35 0.00	35.07 -0.51 0.00	35.38 -0.61 0.00	34.09 -0.65 0.00	33.81 -0.62 0.00	35.80 -0.70 0.00	47.67 -1.00 0.14	49.10 -0.97 1.19	45.02 -0.90 1.12	47.85 -0.96 0.02	43.61 -0.87 0.00	36.10 -0.75 0.00	37.36 -0.79 0.00
LINDEN COGEN____ 23786	39.65 2.10 3.41	39.61 1.97 4.06	37.65 1.48 0.00	35.67 1.34 0.00	35.96 1.41 0.00	38.79 1.58 0.00	59.30 2.67 0.00	58.84 2.86 0.00	47.09 2.94 12.43	48.28 2.67 0.00	38.90 2.73 5.05	37.28 2.66 0.26	37.70 2.87 0.75	37.97 2.79 0.81	37.41 2.68 0.00	36.96 2.54 0.00	39.00 2.50 0.00	43.73 3.58 8.67	41.20 3.92 13.98	48.05 3.61 2.60	46.18 3.51 6.17	44.15 3.16 3.48	39.28 2.44 0.00	39.81 2.14 0.48
LINDHRST_69_KV_BK1 356055	43.51 2.56 0.00	43.88 2.20 0.02	37.73 1.56 0.00	35.81 1.48 0.00	36.09 1.54 0.00	38.93 1.72 0.00	58.88 2.63 0.38	30.92 2.81 27.86	32.02 2.83 27.40	43.38 2.59 4.82	44.48 3.09 -0.17	45.35 3.05 -7.43	41.44 3.26 -2.59	45.82 3.20 -6.63	38.65 2.91 -1.01	30.00 2.30 6.73	29.18 2.39 9.71	49.82 3.68 2.66	55.43 4.17 0.00	50.81 3.77 0.00	67.59 4.26 -14.50	48.15 3.67 0.00	39.47 2.63 0.00	39.82 2.24 0.57
LIPA_MISC_IPP 23656	42.47 1.53 0.02	15.98 1.15 26.88	-47.04 0.71 83.93	-1.61 0.74 36.68	-1.43 0.78 36.75	35.11 0.90 3.00	52.25 1.24 5.62	23.78 1.55 33.74	25.14 1.60 33.05	40.86 1.43 6.18	2.36 2.02 40.88	2.85 2.24 34.27	36.21 2.65 2.03	22.49 2.48 15.98	36.31 2.16 0.59	27.33 1.58 8.67	25.64 1.62 12.47	34.21 2.58 17.18	31.04 2.98 23.21	38.50 2.66 11.20	57.33 3.23 -5.26	46.75 2.71 0.43	36.19 1.79 2.44	38.65 1.36 0.86
LISF____SOLAR 323691	42.51 1.57 0.02	6.67 1.19 36.23	-76.62 0.74 113.53	-14.52 0.78 49.63	-14.36 0.82 49.72	34.11 0.96 4.06	50.51 1.31 7.43	23.93 1.61 33.65	25.31 1.69 32.96	40.94 1.49 6.16	-12.12 1.97 55.32	-11.51 2.25 48.64	34.93 2.69 3.36	16.13 2.51 22.36	35.95 2.20 0.99	27.39 1.62 8.65	25.73 1.68 12.44	29.38 2.66 22.09	22.94 3.08 31.39	34.62 2.73 15.16	54.58 3.31 -2.43	46.68 2.79 0.58	35.39 1.85 3.31	38.69 1.40 0.85
LITTLE FALLS____HYD 24013	42.78 1.82 0.00	43.73 2.03 0.00	37.81 1.64 0.00	35.86 1.53 0.00	35.90 1.35 0.00	38.57 1.36 0.00	58.91 2.28 0.00	58.02 2.05 0.00	58.33 1.74 0.00	46.89 1.27 0.00	42.37 1.16 0.00	35.92 1.04 0.00	36.73 1.14 0.00	37.03 1.04 0.00	35.79 1.06 0.00	35.66 1.24 0.00	38.29 1.79 0.00	51.37 2.56 0.00	53.84 2.58 0.00	49.36 2.32 0.00	51.24 2.41 0.00	46.76 2.29 0.00	38.69 1.85 0.00	39.89 1.74 0.00

LITTLRIV_115KV_TB1 356100	42.60 1.65 0.00	43.41 1.70 0.00	37.78 1.61 0.00	35.99 1.65 0.00	36.23 1.68 0.00	39.13 1.92 0.00	59.51 2.88 0.00	58.48 2.50 0.00	58.86 2.28 0.00	47.58 1.97 0.00	42.97 1.75 0.00	36.07 1.19 0.00	36.55 0.96 0.00	36.99 0.99 0.00	35.64 0.91 0.00	35.40 0.98 0.00	37.30 0.80 0.00	48.38 0.89 1.32	41.12 0.86 11.01	37.55 0.90 10.40	49.73 1.11 0.22	45.80 1.33 0.00	38.01 1.17 0.00	39.18 1.04 0.00
LI_NEWBRDGE___DRP 323616	42.95 2.01 0.01	43.39 1.68 0.00	37.35 1.18 0.00	35.45 1.12 0.00	35.73 1.18 0.00	38.50 1.29 0.00	58.02 1.89 0.50	22.41 2.07 35.64	23.80 2.07 34.85	40.91 1.97 6.67	43.75 2.54 0.00	43.59 2.56 -6.16	39.89 2.82 -1.48	39.62 2.75 -0.87	37.62 2.47 -0.41	26.96 1.91 9.37	24.95 1.93 13.47	48.34 2.99 3.47	54.65 3.38 0.00	50.07 3.03 0.00	65.15 3.40 -12.91	47.42 2.95 0.00	38.95 2.10 0.00	38.92 1.73 0.96
LOCKPORT_115KV_TB60_63_64 80432	39.10 -1.85 0.00	39.36 -2.35 0.00	34.02 -2.15 0.00	28.61 -2.26 3.47	32.42 -2.14 0.00	33.04 -2.06 2.12	42.52 -3.34 10.77	38.98 -3.34 13.65	45.48 -3.06 8.05	43.15 -2.11 0.36	34.09 -1.81 5.32	25.53 -1.54 7.80	23.50 -1.57 10.52	27.15 -1.29 7.55	23.45 -1.62 9.66	31.95 -1.97 0.50	27.92 -2.19 6.39	36.23 -3.24 9.34	35.89 -2.95 12.43	32.53 -2.35 12.17	34.02 -2.53 12.28	33.26 -2.45 8.76	34.99 -1.93 -0.08	36.93 -1.52 -0.30
LOCKPORT___CC1 323769	38.50 -1.86 0.59	39.01 -2.36 0.34	33.66 -2.18 0.33	28.15 -2.31 3.88	32.05 -2.17 0.34	32.62 -2.13 2.46	40.82 -3.41 12.40	36.27 -3.43 16.27	43.79 -3.28 9.51	42.79 -2.16 0.66	33.02 -1.71 6.50	24.13 -1.62 9.13	22.32 -1.63 11.64	26.27 -1.34 8.39	22.35 -1.66 10.73	31.75 -2.04 0.63	27.14 -2.26 7.09	35.12 -3.32 10.37	33.91 -3.03 14.33	30.50 -2.44 14.11	32.39 -2.61 13.83	32.21 -2.53 9.74	34.92 -1.99 -0.07	36.87 -1.57 -0.29
LOCKPORT___CC2 323770	38.50 -1.86 0.59	39.01 -2.36 0.34	33.66 -2.18 0.33	28.15 -2.31 3.88	32.05 -2.17 0.34	32.62 -2.13 2.46	40.82 -3.41 12.40	36.27 -3.43 16.27	43.79 -3.28 9.51	42.79 -2.16 0.66	33.02 -1.71 6.50	24.13 -1.62 9.13	22.32 -1.63 11.64	26.27 -1.34 8.39	22.35 -1.66 10.73	31.75 -2.04 0.63	27.14 -2.26 7.09	35.12 -3.32 10.37	33.91 -3.03 14.33	30.50 -2.44 14.11	32.39 -2.61 13.83	32.21 -2.53 9.74	34.92 -1.99 -0.07	36.87 -1.57 -0.29
LOCKPORT___CC3 323771	38.50 -1.86 0.59	39.01 -2.36 0.34	33.66 -2.18 0.33	28.15 -2.31 3.88	32.05 -2.17 0.34	32.62 -2.13 2.46	40.82 -3.41 12.40	36.27 -3.43 16.27	43.79 -3.28 9.51	42.79 -2.16 0.66	33.02 -1.71 6.50	24.13 -1.62 9.13	22.32 -1.63 11.64	26.27 -1.34 8.39	22.35 -1.66 10.73	31.75 -2.04 0.63	27.14 -2.26 7.09	35.12 -3.32 10.37	33.91 -3.03 14.33	30.50 -2.44 14.11	32.39 -2.61 13.83	32.21 -2.53 9.74	34.92 -1.99 -0.07	36.87 -1.57 -0.29
LOCUSVLY_69_KV_BK2 55797	43.30 2.34 0.00	43.78 2.07 0.00	37.68 1.51 0.00	35.75 1.42 0.00	36.03 1.48 0.00	38.84 1.63 0.00	58.87 2.48 0.24	41.74 2.67 16.91	42.64 2.73 16.67	45.21 2.49 2.89	44.40 2.93 -0.25	46.38 2.89 -8.60	41.92 3.15 -3.18	47.97 3.08 -8.90	38.84 2.82 -1.28	32.74 2.33 4.01	33.02 2.35 5.82	50.61 3.49 1.69	55.17 3.91 0.00	50.57 3.53 0.00	69.26 3.85 -16.58	47.85 3.37 0.00	39.31 2.47 0.00	39.97 2.12 0.29
LONG_LAKE_PHOENIX 24014	40.05 -0.90 0.00	40.73 -0.97 0.00	35.30 -0.88 0.00	33.46 -0.88 0.00	33.67 -0.88 0.00	36.30 -0.91 0.00	55.32 -1.31 0.00	54.80 -1.17 0.00	55.41 -1.18 0.00	44.74 -0.87 0.00	40.48 -0.74 0.00	34.30 -0.58 0.00	34.98 -0.61 0.00	35.33 -0.66 0.00	34.11 -0.63 0.00	33.76 -0.66 0.00	35.81 -0.70 0.00	47.85 -0.96 0.00	50.32 -0.94 0.00	46.18 -0.87 0.00	47.89 -0.95 0.00	43.54 -0.94 0.00	36.05 -0.79 0.00	37.43 -0.72 0.00
LOVETT___3 23632	42.93 1.98 0.00	43.56 1.86 0.00	37.53 1.36 0.00	35.58 1.24 0.00	35.87 1.32 0.00	38.67 1.46 0.00	59.23 2.59 0.00	58.75 2.78 0.00	59.40 2.82 0.00	48.05 2.44 0.00	43.68 2.46 0.00	37.26 2.39 0.00	38.19 2.60 0.00	38.54 2.55 0.00	37.18 2.44 0.00	36.72 2.29 0.00	38.81 2.31 0.00	52.14 3.32 0.00	54.96 3.69 0.00	50.36 3.32 0.00	52.08 3.24 0.00	47.40 2.93 0.00	39.07 2.23 0.00	40.14 1.99 0.00
LOVETT___4 23642	42.93 1.98 0.00	43.56 1.86 0.00	37.53 1.36 0.00	35.58 1.24 0.00	35.87 1.32 0.00	38.67 1.46 0.00	59.23 2.59 0.00	58.75 2.78 0.00	59.40 2.82 0.00	48.05 2.44 0.00	43.68 2.46 0.00	37.26 2.39 0.00	38.19 2.60 0.00	38.54 2.55 0.00	37.18 2.44 0.00	36.72 2.29 0.00	38.81 2.31 0.00	52.14 3.32 0.00	54.96 3.69 0.00	50.36 3.32 0.00	52.08 3.24 0.00	47.40 2.93 0.00	39.07 2.23 0.00	40.14 1.99 0.00
LOVETT___5 23593	42.93 1.98 0.00	43.56 1.86 0.00	37.53 1.36 0.00	35.58 1.24 0.00	35.87 1.32 0.00	38.67 1.46 0.00	59.23 2.59 0.00	58.75 2.78 0.00	59.40 2.82 0.00	48.05 2.44 0.00	43.68 2.46 0.00	37.26 2.39 0.00	38.19 2.60 0.00	38.54 2.55 0.00	37.18 2.44 0.00	36.72 2.29 0.00	38.81 2.31 0.00	52.14 3.32 0.00	54.96 3.69 0.00	50.36 3.32 0.00	52.08 3.24 0.00	47.40 2.93 0.00	39.07 2.23 0.00	40.14 1.99 0.00
LOWER RAQUET___HYD 24057	42.17 1.22 0.00	42.98 1.27 0.00	37.40 1.23 0.00	35.62 1.29 0.00	35.87 1.32 0.00	38.71 1.49 0.00	58.79 2.16 0.00	57.74 1.77 0.00	58.14 1.55 0.00	46.91 1.30 0.00	42.39 1.17 0.00	35.62 0.74 0.00	36.08 0.49 0.00	36.49 0.50 0.00	35.17 0.43 0.00	34.93 0.50 0.00	36.75 0.25 0.00	47.40 0.03 1.44	39.17 -0.08 12.01	35.71 0.02 11.35	48.84 0.25 0.24	45.09 0.61 0.00	37.49 0.65 0.00	38.66 0.52 0.00
LOWER___HUDSON 24059	41.79 0.84 0.00	42.56 0.85 0.00	36.95 0.78 0.00	35.06 0.73 0.00	35.31 0.76 0.00	37.92 0.71 0.00	57.62 0.99 0.00	56.92 0.95 0.00	57.57 0.98 0.00	46.33 0.71 0.00	41.76 0.54 0.00	35.36 0.48 0.00	36.23 0.64 0.00	36.64 0.65 0.00	35.52 0.79 0.00	35.31 0.89 0.00	37.66 1.16 0.00	50.30 1.49 0.00	52.55 1.28 0.00	48.10 1.05 0.00	50.02 1.19 0.00	45.66 1.19 0.00	37.91 1.06 0.00	39.15 1.01 0.00
LOWVILLE_115KV_TB2 356335	42.48 1.53 0.00	43.22 1.52 0.00	37.54 1.37 0.00	35.60 1.27 0.00	35.85 1.30 0.00	38.40 1.18 0.00	58.92 2.29 0.00	56.62 0.64 0.00	55.85 -0.73 0.00	45.41 -0.20 0.00	41.18 -0.04 0.00	35.05 0.16 0.00	35.18 -0.41 0.00	35.49 -0.50 0.00	34.14 -0.59 0.00	33.92 -0.51 0.00	35.86 -0.64 0.00	47.51 -0.89 0.41	46.91 -0.94 3.42	42.96 -0.86 3.23	47.87 -0.89 0.07	43.90 -0.57 0.00	36.41 -0.43 0.00	37.29 -0.86 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	42.37 1.42 0.00	43.12 1.42 0.00	37.42 1.25 0.00	35.50 1.17 0.00	35.80 1.25 0.00	38.48 1.27 0.00	58.57 1.94 0.00	57.87 1.90 0.00	58.52 1.94 0.00	47.09 1.48 0.00	42.44 1.22 0.00	35.87 1.00 0.00	36.78 1.18 0.00	37.21 1.22 0.00	36.03 1.29 0.00	35.83 1.40 0.00	38.17 1.67 0.00	51.01 2.20 0.00	53.29 2.03 0.00	48.83 1.78 0.00	50.78 1.94 0.00	46.30 1.82 0.00	38.40 1.56 0.00	39.61 1.47 0.00

LUTHERNY_35_KV_BK2 355980	42.38 1.43 0.00	43.14 1.43 0.00	37.43 1.26 0.00	35.49 1.16 0.00	35.83 1.28 0.00	38.49 1.28 0.00	58.62 1.99 0.00	57.92 1.95 0.00	58.56 1.97 0.00	47.11 1.49 0.00	42.45 1.23 0.00	35.88 1.01 0.00	36.80 1.21 0.00	37.21 1.22 0.00	36.03 1.29 0.00	35.87 1.45 0.00	38.19 1.69 0.00	51.06 2.24 0.00	53.34 2.08 0.00	48.86 1.82 0.00	50.81 1.98 0.00	46.36 1.88 0.00	38.42 1.58 0.00	39.61 1.46 0.00
LWR___OSWEGATCHIE_HYD 23850	42.31 1.36 0.00	43.08 1.37 0.00	37.46 1.29 0.00	35.59 1.26 0.00	35.85 1.29 0.00	38.54 1.33 0.00	58.85 2.21 0.00	57.16 1.19 0.00	57.02 0.44 0.00	46.21 0.59 0.00	41.81 0.59 0.00	35.32 0.44 0.00	35.64 0.05 0.00	35.97 -0.03 0.00	34.64 -0.10 0.00	34.41 -0.02 0.00	36.29 -0.21 0.00	47.32 -0.52 0.98	42.52 -0.60 8.14	38.84 -0.51 7.69	48.27 -0.40 0.16	44.47 -0.01 0.00	36.92 0.07 0.00	37.88 -0.27 0.00
LYONS_FALL_HYD 23570	42.23 1.28 0.00	42.99 1.28 0.00	37.32 1.14 0.00	35.39 1.05 0.00	35.63 1.08 0.00	38.23 1.02 0.00	58.56 1.93 0.00	56.83 0.86 0.00	56.50 -0.08 0.00	45.90 0.28 0.00	41.62 0.40 0.00	35.34 0.47 0.00	35.68 0.09 0.00	36.04 0.04 0.00	34.71 -0.02 0.00	34.43 0.01 0.00	36.47 -0.03 0.00	48.48 -0.07 0.27	48.89 -0.10 2.27	44.81 -0.09 2.15	48.69 -0.10 0.05	44.51 0.03 0.00	36.87 0.03 0.00	37.88 -0.27 0.00
MADISON___COUNTY_LFGE 323628	42.04 1.09 0.00	42.77 1.06 0.00	37.13 0.96 0.00	35.22 0.88 0.00	35.47 0.92 0.00	38.17 0.95 0.00	58.36 1.73 0.00	57.47 1.50 0.00	57.77 1.19 0.00	46.91 1.29 0.00	42.54 1.32 0.00	36.06 1.18 0.00	36.50 0.91 0.00	36.94 0.95 0.00	35.63 0.90 0.00	35.26 0.84 0.00	37.43 0.93 0.00	50.07 1.26 0.00	52.44 1.18 0.00	48.10 1.05 0.00	49.89 1.06 0.00	45.35 0.88 0.00	37.50 0.65 0.00	38.72 0.58 0.00
MALONE___115KV_TB1 356076	41.44 0.49 0.00	42.43 0.72 0.00	37.01 0.84 0.00	35.34 1.00 0.00	35.61 1.06 0.00	38.54 1.32 0.00	58.69 2.06 0.00	57.87 1.90 0.00	58.55 1.96 0.00	47.01 1.39 0.00	42.03 0.81 0.00	35.13 0.26 0.00	35.48 -0.11 0.00	35.85 -0.15 0.00	34.54 -0.20 0.00	34.30 -0.13 0.00	36.20 -0.30 0.00	41.84 -0.54 6.43	-2.89 -0.61 53.54	-4.03 -0.48 50.60	47.43 -0.34 1.07	44.37 -0.10 0.00	36.82 -0.02 0.00	38.01 -0.14 0.00
MAPLEWOD_115KV_TB3 80458	41.66 0.70 0.00	42.43 0.73 0.00	36.84 0.67 0.00	34.97 0.64 0.00	35.19 0.64 0.00	37.80 0.59 0.00	57.41 0.78 0.00	56.77 0.79 0.00	57.42 0.84 0.00	46.24 0.63 0.00	41.72 0.49 0.00	35.36 0.49 0.00	36.27 0.67 0.00	36.65 0.65 0.00	35.50 0.76 0.00	35.25 0.82 0.00	37.55 1.05 0.00	50.16 1.35 0.00	52.51 1.24 0.00	48.09 1.04 0.00	49.95 1.11 0.00	45.54 1.07 0.00	37.79 0.95 0.00	39.09 0.94 0.00
MAPLE_RIDGE_WT_1 323574	40.95 -0.01 0.00	41.76 0.06 0.00	36.27 0.09 0.00	34.42 0.09 0.00	34.64 0.09 0.00	37.24 0.03 0.00	56.73 0.10 0.00	55.64 -0.33 0.00	56.07 -0.51 0.00	38.58 -1.13 5.90	33.69 -1.21 6.33	22.89 -1.08 10.91	28.55 -1.13 5.91	34.86 -1.13 0.00	33.66 -1.08 0.00	22.43 -1.05 10.95	35.36 -1.14 0.00	-12.31 -1.54 59.58	49.66 -1.60 0.00	45.61 -1.44 0.00	47.38 -1.45 0.00	43.20 -1.28 0.00	35.79 -1.05 0.00	37.01 -1.14 0.00
MAPLE_RIDGE_WT_2 323611	40.95 -0.01 0.00	41.76 0.06 0.00	36.27 0.09 0.00	34.42 0.09 0.00	34.64 0.09 0.00	37.24 0.03 0.00	56.73 0.10 0.00	55.64 -0.33 0.00	56.07 -0.51 0.00	38.58 -1.13 5.90	33.69 -1.21 6.33	22.89 -1.08 10.91	28.55 -1.13 5.91	34.86 -1.13 0.00	33.66 -1.08 0.00	22.43 -1.05 10.95	35.36 -1.14 0.00	-12.31 -1.54 59.58	49.66 -1.60 0.00	45.61 -1.44 0.00	47.38 -1.45 0.00	43.20 -1.28 0.00	35.79 -1.05 0.00	37.01 -1.14 0.00
MARBLE_RIVER_WT_PWR 323696	40.62 -0.34 0.00	41.66 -0.05 0.00	36.38 0.21 0.00	34.78 0.45 0.00	35.06 0.51 0.00	37.94 0.73 0.00	57.75 1.12 0.00	56.88 0.91 0.00	57.60 1.01 0.00	46.18 0.57 0.00	41.19 -0.03 0.00	34.36 -0.52 0.00	34.67 -0.92 0.00	10.26 -0.98 24.75	-4.53 -0.97 38.30	33.52 -0.91 0.00	35.43 -1.07 0.00	38.47 -1.53 8.81	-23.88 -1.69 73.46	-23.92 -1.49 69.47	-23.86 -1.37 71.32	-23.90 -1.05 67.33	-23.91 -0.79 59.97	-23.87 -0.88 61.13
MARSHVLE_115KV_TB1 80742	41.74 0.78 0.00	42.52 0.82 0.00	36.78 0.61 0.00	34.90 0.57 0.00	35.05 0.50 0.00	37.69 0.48 0.00	57.51 0.88 0.00	56.82 0.85 0.00	57.20 0.61 0.00	46.25 0.63 0.00	41.77 0.55 0.00	35.32 0.44 0.00	36.01 0.42 0.00	36.25 0.26 0.00	34.88 0.14 0.00	34.56 0.13 0.00	36.74 0.24 0.00	49.38 0.56 0.00	51.92 0.66 0.00	47.58 0.54 0.00	49.37 0.53 0.00	45.00 0.52 0.00	37.19 0.35 0.00	38.41 0.26 0.00
MARSH_HILL_WT_PWR 323713	40.20 -1.09 -0.33	40.03 -1.86 -0.19	33.77 -2.59 -0.19	21.82 -3.56 8.95	33.19 -3.44 -2.07	44.45 -3.75 -10.99	98.19 -5.24 -46.80	106.52 -4.69 -55.24	98.23 -4.96 -46.60	72.04 -3.87 -30.30	73.59 -3.31 -35.68	68.44 -2.63 -36.19	76.74 -2.17 -43.32	68.81 -1.92 -34.75	74.93 -2.34 -42.53	45.77 -2.76 -14.10	61.84 -2.69 -28.03	86.09 -3.69 -40.96	102.87 -3.27 -54.87	98.14 -2.69 -53.78	100.08 -2.77 -54.01	82.72 -2.95 -41.20	36.67 -2.48 -2.30	42.40 -2.48 -6.74
MCINTYRE_115KV_TB2 80467	42.74 1.78 0.00	43.54 1.83 0.00	37.90 1.72 0.00	36.09 1.75 0.00	36.34 1.79 0.00	39.26 2.05 0.00	59.78 3.15 0.00	58.80 2.83 0.00	59.21 2.63 0.00	47.87 2.26 0.00	43.19 1.97 0.00	36.25 1.37 0.00	36.75 1.16 0.00	37.18 1.18 0.00	35.83 1.10 0.00	35.60 1.18 0.00	37.58 1.08 0.00	49.05 1.36 1.13	43.29 1.42 9.39	39.58 1.41 8.87	50.24 1.59 0.19	46.12 1.64 0.00	38.22 1.38 0.00	39.43 1.29 0.00
MECO_____69_KV_BK1 80468	42.55 1.59 0.00	43.27 1.57 0.00	37.46 1.29 0.00	35.53 1.20 0.00	35.76 1.21 0.00	38.49 1.28 0.00	58.86 2.23 0.00	58.33 2.36 0.00	58.76 2.18 0.00	47.31 1.70 0.00	42.56 1.34 0.00	35.91 1.03 0.00	36.60 1.00 0.00	36.76 0.77 0.00	35.38 0.65 0.00	35.24 0.81 0.00	37.82 1.32 0.00	50.93 2.12 0.00	53.52 2.26 0.00	49.01 1.96 0.00	50.85 2.02 0.00	46.25 1.78 0.00	38.23 1.39 0.00	39.45 1.30 0.00
MENANDS___115KV_TB5 355628	41.47 0.51 0.00	42.24 0.54 0.00	36.70 0.53 0.00	34.85 0.51 0.00	35.06 0.51 0.00	37.66 0.44 0.00	57.14 0.51 0.00	56.49 0.52 0.00	57.14 0.56 0.00	46.02 0.41 0.00	41.52 0.30 0.00	35.23 0.35 0.00	36.11 0.52 0.00	36.49 0.50 0.00	35.37 0.64 0.00	35.13 0.70 0.00	37.40 0.90 0.00	49.95 1.14 0.00	52.26 1.00 0.00	47.86 0.82 0.00	49.71 0.88 0.00	45.35 0.88 0.00	37.64 0.80 0.00	38.95 0.80 0.00
MG INDUSTRY___DRP 24185	41.55 0.60 0.00	42.38 0.68 0.00	36.81 0.63 0.00	34.95 0.61 0.00	35.14 0.59 0.00	37.75 0.54 0.00	57.32 0.68 0.00	56.62 0.65 0.00	57.19 0.61 0.00	46.09 0.48 0.00	41.57 0.35 0.00	35.31 0.43 0.00	36.15 0.56 0.00	36.49 0.50 0.00	35.32 0.59 0.00	35.06 0.63 0.00	37.32 0.82 0.00	49.91 1.09 0.00	52.31 1.04 0.00	47.92 0.88 0.00	49.75 0.92 0.00	45.35 0.88 0.00	37.62 0.77 0.00	38.94 0.79 0.00

MID___OSWEGATCHIE_HYD 23849	42.31 1.36 0.00	43.08 1.37 0.00	37.46 1.29 0.00	35.59 1.26 0.00	35.85 1.29 0.00	38.54 1.33 0.00	58.85 2.21 0.00	57.16 1.19 0.00	57.02 0.44 0.00	46.21 0.59 0.00	41.81 0.59 0.00	35.32 0.44 0.00	35.64 0.05 0.00	35.97 -0.03 0.00	34.64 -0.10 0.00	34.41 -0.02 0.00	36.29 -0.21 0.00	47.32 -0.52 0.98	42.52 -0.60 8.14	38.84 -0.51 7.69	48.27 -0.40 0.16	44.47 -0.01 0.00	36.92 0.07 0.00	37.88 -0.27 0.00
MID___RAQUETTE_HYD 23851	42.17 1.22 0.00	42.98 1.27 0.00	37.40 1.23 0.00	35.62 1.29 0.00	35.87 1.31 0.00	38.71 1.49 0.00	58.79 2.16 0.00	57.74 1.77 0.00	58.14 1.56 0.00	46.91 1.30 0.00	42.39 1.17 0.00	35.62 0.74 0.00	36.08 0.49 0.00	36.49 0.50 0.00	35.17 0.43 0.00	34.92 0.50 0.00	36.75 0.25 0.00	47.40 0.03 1.44	39.17 -0.08 12.01	35.71 0.02 11.35	48.84 0.25 0.24	45.09 0.61 0.00	37.49 0.65 0.00	38.66 0.52 0.00
MILLIKEN___1 23584	41.48 0.52 0.00	42.09 0.39 0.00	36.44 0.26 0.00	44.87 0.15 -10.38	34.75 0.20 0.00	44.31 0.25 -6.85	60.84 0.63 -3.58	60.57 0.71 -3.88	59.55 0.69 -2.28	46.40 0.68 -0.10	43.47 0.73 -1.52	37.80 0.71 -2.21	39.64 0.71 -3.34	39.34 0.74 -2.61	38.67 0.62 -3.32	35.29 0.54 -0.33	39.30 0.60 -2.19	52.84 0.83 -3.20	56.55 1.02 -4.25	52.18 0.97 -4.17	53.97 0.93 -4.20	48.19 0.68 -3.04	37.37 0.52 -0.01	38.67 0.53 0.00
MILLIKEN___2 23585	41.48 0.52 0.00	42.09 0.39 0.00	36.44 0.26 0.00	44.87 0.15 -10.38	34.75 0.20 0.00	44.31 0.25 -6.85	60.84 0.63 -3.58	60.57 0.71 -3.88	59.55 0.69 -2.28	46.40 0.68 -0.10	43.47 0.73 -1.52	37.80 0.71 -2.21	39.64 0.71 -3.34	39.34 0.74 -2.61	38.67 0.62 -3.32	35.29 0.54 -0.33	39.30 0.60 -2.19	52.84 0.83 -3.20	56.55 1.02 -4.25	52.18 0.97 -4.17	53.97 0.93 -4.20	48.19 0.68 -3.04	37.37 0.52 -0.01	38.67 0.53 0.00
MILLIKEN___DIESEL 23629	41.48 0.52 0.00	42.09 0.39 0.00	36.44 0.26 0.00	44.87 0.15 -10.38	34.75 0.20 0.00	44.31 0.25 -6.85	60.84 0.63 -3.58	60.57 0.71 -3.88	59.55 0.69 -2.28	46.40 0.68 -0.10	43.47 0.73 -1.52	37.80 0.71 -2.21	39.64 0.71 -3.34	39.34 0.74 -2.61	38.67 0.62 -3.32	35.29 0.54 -0.33	39.30 0.60 -2.19	52.84 0.83 -3.20	56.55 1.02 -4.25	52.18 0.97 -4.17	53.97 0.93 -4.20	48.19 0.68 -3.04	37.37 0.52 -0.01	38.67 0.53 0.00
MILLSEAT___LFGE 323607	39.42 -1.01 0.53	39.93 -1.48 0.30	34.48 -1.40 0.30	29.26 -1.54 3.53	32.95 -1.38 0.22	34.46 -1.24 1.51	45.65 -1.86 9.12	41.96 -1.75 12.26	48.50 -1.55 6.54	45.51 -0.83 -0.73	36.41 -0.51 4.30	27.65 -0.59 6.65	26.24 -0.62 8.72	29.39 -0.39 6.20	25.99 -0.71 8.03	33.09 -1.10 0.24	29.94 -1.24 5.32	39.11 -1.93 7.77	38.88 -1.56 10.83	35.21 -1.16 10.67	37.13 -1.31 10.40	35.85 -1.39 7.24	35.84 -1.11 -0.10	37.78 -0.74 -0.38
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	42.96 2.00 0.00	43.59 1.88 0.00	37.56 1.38 0.00	35.60 1.27 0.00	35.90 1.35 0.00	38.70 1.49 0.00	59.14 2.51 0.00	58.65 2.68 0.00	59.31 2.73 0.00	48.03 2.42 0.00	43.74 2.52 0.00	37.32 2.44 0.00	38.23 2.63 0.00	38.57 2.58 0.00	37.21 2.48 0.00	36.75 2.32 0.00	38.83 2.33 0.00	52.15 3.34 0.00	54.94 3.67 0.00	50.37 3.32 0.00	52.11 3.27 0.00	47.43 2.95 0.00	39.10 2.26 0.00	40.16 2.01 0.00
MILLWOOD_13_KV_LOAD 356217	43.04 2.08 0.00	43.67 1.97 0.00	37.62 1.45 0.00	35.66 1.32 0.00	35.95 1.40 0.00	38.76 1.55 0.00	59.26 2.63 0.00	58.77 2.80 0.00	59.42 2.84 0.00	48.13 2.52 0.00	43.82 2.60 0.00	37.40 2.52 0.00	38.29 2.70 0.00	38.64 2.65 0.00	37.28 2.55 0.00	36.83 2.40 0.00	38.90 2.41 0.00	52.26 3.45 0.00	55.07 3.80 0.00	50.48 3.43 0.00	52.23 3.40 0.00	47.52 3.05 0.00	39.18 2.33 0.00	40.23 2.09 0.00
MODEL_CITY_ENERGY 24167	38.09 -2.22 0.65	38.65 -2.69 0.37	33.38 -2.44 0.36	27.86 -2.52 3.95	31.80 -2.39 0.37	32.34 -2.34 2.53	41.19 -3.69 11.75	36.73 -3.77 15.47	43.89 -3.66 9.03	42.51 -2.45 0.66	33.08 -1.94 6.20	24.39 -1.84 8.65	22.95 -1.82 10.82	26.74 -1.52 7.73	23.03 -1.82 9.88	31.19 -2.26 0.97	27.50 -2.46 6.54	35.66 -3.60 9.55	34.65 -3.31 13.30	31.23 -2.70 13.11	33.18 -2.88 12.78	32.62 -2.78 9.07	34.59 -2.23 0.02	36.36 -1.79 0.00
MODERN_LFGE___ 323580	38.09 -2.22 0.65	38.65 -2.69 0.37	33.38 -2.44 0.36	27.86 -2.52 3.95	31.80 -2.39 0.37	32.34 -2.34 2.53	41.19 -3.69 11.75	36.73 -3.77 15.47	43.89 -3.66 9.03	42.51 -2.45 0.66	33.08 -1.94 6.20	24.39 -1.84 8.65	22.95 -1.82 10.82	26.74 -1.52 7.73	23.03 -1.82 9.88	31.19 -2.26 0.97	27.50 -2.46 6.54	35.66 -3.60 9.55	34.65 -3.31 13.30	31.23 -2.70 13.11	33.18 -2.88 12.78	32.62 -2.78 9.07	34.59 -2.23 0.02	36.36 -1.79 0.00
MOHAWK_PAPER___DRP 24187	41.66 0.70 0.00	42.43 0.73 0.00	36.84 0.67 0.00	34.97 0.64 0.00	35.19 0.64 0.00	37.80 0.59 0.00	57.41 0.78 0.00	56.77 0.79 0.00	57.42 0.84 0.00	46.24 0.63 0.00	41.72 0.49 0.00	35.36 0.49 0.00	36.27 0.67 0.00	36.65 0.65 0.00	35.50 0.76 0.00	35.25 0.82 0.00	37.55 1.05 0.00	50.16 1.35 0.00	52.51 1.24 0.00	48.09 1.04 0.00	49.95 1.11 0.00	45.54 1.07 0.00	37.79 0.95 0.00	39.09 0.94 0.00
MOHICAN___35_KV_115KV_LD 80490	42.56 1.60 0.00	43.23 1.53 0.00	37.58 1.41 0.00	35.66 1.33 0.00	36.02 1.47 0.00	38.73 1.52 0.00	58.98 2.34 0.00	58.13 2.16 0.00	58.91 2.32 0.00	47.35 1.74 0.00	42.60 1.38 0.00	35.99 1.11 0.00	36.84 1.24 0.00	37.40 1.41 0.00	36.17 1.43 0.00	36.01 1.58 0.00	38.38 1.89 0.00	51.21 2.40 0.00	53.30 2.04 0.00	48.85 1.81 0.00	50.94 2.10 0.00	46.49 2.02 0.00	38.63 1.78 0.00	39.76 1.61 0.00
MONGAUP___HYD 23641	43.22 2.27 0.00	43.89 2.18 0.00	37.85 1.68 0.00	35.85 1.51 0.00	36.13 1.58 0.00	38.97 1.75 0.00	59.57 2.95 0.00	59.12 3.15 0.00	59.72 3.13 0.00	48.19 2.57 0.00	43.78 2.56 0.00	37.18 2.31 0.00	37.94 2.34 0.00	38.37 2.38 0.00	37.09 2.35 0.00	36.55 2.13 0.00	38.88 2.39 0.00	52.30 3.49 0.00	55.21 3.94 0.00	50.63 3.59 0.00	52.41 3.57 0.00	47.73 3.25 0.00	39.35 2.50 0.00	40.46 2.31 0.00
MONTAUK___DIESEL 23721	42.55 1.61 0.02	15.00 1.08 27.79	-50.40 0.23 86.81	-3.90 -0.29 37.94	-3.75 -0.29 38.01	33.80 -0.31 3.10	50.39 -0.45 5.79	22.22 -0.05 33.70	23.50 -0.08 33.01	39.47 0.03 6.17	-0.27 0.79 42.28	0.36 1.14 35.66	35.01 1.58 2.16	20.83 1.43 16.58	35.20 1.10 0.62	26.35 0.59 8.66	24.61 0.57 12.46	32.46 1.30 17.65	28.96 1.70 24.01	36.98 1.52 11.59	56.13 2.30 -4.99	45.70 1.67 0.45	35.18 0.86 2.52	37.70 0.41 0.85
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.27 -1.68 0.00	39.78 -1.92 0.00	33.98 -2.19 0.00	26.97 -2.85 4.52	31.81 -2.74 0.00	30.90 -3.47 2.84	42.57 -5.04 9.02	40.03 -4.62 11.32	45.21 -4.71 6.67	41.82 -3.50 0.30	33.62 -3.19 4.41	25.61 -2.80 6.47	24.30 -2.83 8.46	27.52 -2.57 5.91	24.60 -2.56 7.57	31.40 -2.75 0.28	28.38 -3.10 5.02	37.28 -4.20 7.33	37.62 -3.89 9.76	34.44 -3.05 9.55	36.17 -3.02 9.64	34.62 -3.00 6.85	34.66 -2.27 -0.08	36.86 -1.60 -0.32

MORRIS_RIDGE___SOLAR 323848	39.80 -1.52 -0.36	39.65 -2.26 -0.20	33.92 -2.45 -0.20	24.75 -3.08 6.50	28.33 -2.98 3.25	-2.04 -3.21 36.04	-28.10 -4.62 80.12	-39.81 -4.22 91.56	-27.70 -4.43 79.85	-12.66 -3.40 54.87	-22.96 -2.84 61.35	-28.47 -2.26 61.09	-37.81 -2.14 71.26	-22.40 -1.95 56.45	-36.37 -2.30 68.80	7.29 -2.71 24.43	-11.64 -2.75 45.38	-21.25 -3.74 66.32	-39.91 -3.32 87.84	-41.75 -2.84 85.95	-41.26 -2.99 87.11	-25.68 -3.08 67.08	30.27 -2.49 4.08	23.86 -2.30 11.99
MORTIMER_115KV_TB3 55949	40.17 -0.78 0.00	40.62 -1.08 0.00	35.14 -1.03 0.00	31.01 -1.09 2.23	33.73 -1.01 -0.19	36.57 -0.92 -0.27	55.79 -1.42 -0.58	55.08 -1.20 -0.30	57.15 -1.01 -1.58	47.87 -0.60 -2.86	42.26 -0.47 -1.51	35.11 -0.41 -0.64	35.02 -0.57 0.00	35.67 -0.46 -0.14	34.06 -0.67 0.00	34.63 -0.81 -1.01	35.56 -0.94 0.00	47.35 -1.46 0.00	49.97 -1.30 0.00	46.04 -1.00 0.00	47.72 -1.12 0.00	43.57 -1.14 -0.23	36.18 -0.89 -0.22	38.16 -0.67 -0.68
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.20 2.25 0.00	43.81 2.10 0.00	37.77 1.59 0.00	35.79 1.46 0.00	36.10 1.55 0.00	38.93 1.71 0.00	59.51 2.88 0.00	58.98 3.01 0.00	59.66 3.08 0.00	48.41 2.80 0.00	44.11 2.89 0.00	37.66 2.79 0.00	38.56 2.97 0.00	38.89 2.90 0.00	37.51 2.78 0.00	37.05 2.62 0.00	39.10 2.60 0.00	52.50 3.69 0.00	55.29 4.02 0.00	50.73 3.69 0.00	52.47 3.63 0.00	47.74 3.26 0.00	39.36 2.51 0.00	40.38 2.23 0.00
MUNSVILLE_WIND_PWR 323609	43.64 2.39 -0.29	44.03 2.17 -0.16	38.01 1.68 -0.16	41.08 1.40 -5.35	35.39 0.81 -0.03	40.53 1.01 -2.32	60.58 1.78 -2.17	60.55 1.47 -3.11	58.22 0.83 -0.80	45.40 1.62 1.83	43.01 1.49 -0.30	37.50 1.27 -1.36	39.21 1.21 -2.42	39.00 1.18 -1.83	38.15 0.99 -2.42	34.99 0.87 0.31	39.09 1.02 -1.56	52.48 1.38 -2.28	56.25 1.67 -3.32	52.03 1.69 -3.29	53.61 1.67 -3.10	47.77 1.25 -2.04	37.59 0.86 0.11	38.57 0.78 0.36
N SALMON___HYD 24042	41.44 0.49 0.00	42.42 0.72 0.00	37.01 0.84 0.00	35.34 1.00 0.00	35.61 1.06 0.00	38.54 1.32 0.00	58.69 2.06 0.00	57.87 1.90 0.00	58.54 1.96 0.00	47.00 1.39 0.00	42.03 0.81 0.00	35.13 0.26 -0.11	35.48 -0.15 -0.20	35.84 -0.15 -0.20	34.53 -0.20 0.00	34.30 -0.13 0.00	36.20 -0.29 0.00	41.85 -0.54 6.43	-2.89 -0.60 53.54	-4.03 -0.48 50.60	47.43 -0.34 1.07	44.37 -0.10 0.00	36.82 -0.02 0.00	38.01 -0.14 0.00
N.AKRON__115KV_KNAPP 355671	39.71 -1.25 0.00	39.98 -1.72 0.00	34.56 -1.61 0.00	29.27 -1.75 3.32	32.95 -1.60 0.00	33.71 -1.47 2.04	44.63 -2.34 9.66	41.52 -2.23 12.23	47.45 -1.92 7.21	44.06 -1.23 0.32	35.42 -1.03 4.77	27.01 -0.87 6.99	25.24 -0.92 9.43	28.62 -0.66 6.72	25.06 -1.00 8.68	32.74 -1.35 0.34	29.24 -1.52 5.74	38.08 -2.35 8.39	38.10 -2.00 11.16	34.59 -1.52 10.93	36.11 -1.69 11.03	34.93 -1.71 7.85	35.60 -1.34 -0.09	37.54 -0.96 -0.35
N.E_GEN_SANDY PD 24062	41.64 0.69 0.00	42.37 0.67 0.00	36.84 0.67 0.00	34.97 0.63 0.00	35.22 0.67 0.00	37.84 0.63 0.00	57.37 0.74 0.00	56.65 0.68 0.00	57.33 0.75 0.00	46.00 0.39 0.00	41.35 0.14 0.00	35.11 0.23 0.00	36.05 0.45 0.00	36.46 0.47 0.00	35.59 0.74 -0.12	35.06 0.89 0.25	37.71 1.21 0.00	50.48 1.49 -0.18	52.47 1.20 0.00	47.98 0.93 0.00	49.93 1.10 0.00	45.63 1.15 0.00	37.94 1.10 0.00	39.20 1.05 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	43.02 2.06 0.00	43.64 1.93 0.00	37.59 1.42 0.00	35.63 1.30 0.00	35.94 1.39 0.00	38.74 1.53 0.00	59.37 2.74 0.00	58.93 2.96 0.00	59.57 2.99 0.00	48.16 2.55 0.00	43.76 2.53 0.00	37.33 2.45 0.00	38.25 2.66 0.00	38.62 2.63 0.00	37.25 2.51 0.00	36.79 2.37 0.00	38.90 2.40 0.00	52.27 3.46 0.00	55.10 3.83 0.00	50.48 3.43 0.00	52.18 3.35 0.00	47.50 3.02 0.00	39.14 2.30 0.00	40.22 2.07 0.00
N.QUEENS_27_KV_LOAD 356247	43.18 2.23 0.00	43.75 2.05 0.00	37.70 1.53 0.00	35.79 1.46 0.00	36.01 1.46 0.00	38.88 1.67 0.00	59.40 2.77 0.00	59.03 3.06 0.00	59.79 3.21 0.00	48.52 2.91 0.00	44.17 2.96 0.00	37.76 2.89 0.00	38.63 3.04 0.00	38.90 2.91 0.00	37.60 2.87 0.00	37.08 2.65 0.00	39.07 2.57 0.00	52.52 3.71 0.00	55.32 4.05 0.00	50.79 3.75 0.00	52.50 3.66 0.00	47.76 3.29 0.00	39.40 2.56 0.00	40.37 2.23 0.00
N.TROY___115KV_TB1 355778	41.80 0.84 0.00	42.56 0.85 0.00	36.95 0.78 0.00	35.06 0.73 0.00	35.31 0.76 0.00	37.92 0.71 0.00	57.63 1.00 0.00	56.93 0.95 0.00	57.56 0.98 0.00	46.33 0.71 0.00	41.76 0.54 0.00	35.36 0.48 0.00	36.23 0.64 0.00	36.64 0.65 0.00	35.53 0.79 0.00	35.31 0.89 0.00	37.66 1.16 0.00	50.30 1.49 0.00	52.55 1.29 0.00	48.10 1.05 0.00	50.02 1.19 0.00	45.66 1.19 0.00	37.91 1.06 0.00	39.15 1.01 0.00
NARROWS_GT1_1 24228	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00
NARROWS_GT1_2 24229	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00
NARROWS_GT1_3 24230	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00
NARROWS_GT1_4 24231	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00
NARROWS_GT1_5 24232	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00

NARROWS_GT1_6 24233	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00
NARROWS_GT1_7 24234	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00
NARROWS_GT1_8 24235	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00
NARROWS_GT2_1 24236	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00
NARROWS_GT2_2 24237	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00
NARROWS_GT2_3 24238	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00
NARROWS_GT2_4 24239	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00
NARROWS_GT2_5 24240	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00
NARROWS_GT2_6 24241	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00
NARROWS_GT2_7 24242	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00
NARROWS_GT2_8 24243	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	41.86 0.90 0.00	42.66 0.96 0.00	37.09 0.92 0.00	35.23 0.90 0.00	35.42 0.88 0.00	38.07 0.86 0.00	57.91 1.28 0.00	57.38 1.41 0.00	57.96 1.37 0.00	46.63 1.01 0.00	41.73 0.51 0.00	35.46 0.58 0.00	36.44 0.84 0.00	36.65 0.66 0.00	35.51 0.78 0.00	35.30 0.87 0.00	37.71 1.21 0.00	50.52 1.71 0.00	52.97 1.71 0.00	48.47 1.43 0.00	50.32 1.48 0.00	45.84 1.36 0.00	37.99 1.15 0.00	39.31 1.17 0.00
NCHELSEA_115KV_TR2 355582	43.16 2.20 0.00	43.81 2.10 0.00	37.78 1.61 0.00	35.81 1.47 0.00	36.09 1.54 0.00	38.91 1.70 0.00	59.46 2.83 0.00	59.00 3.02 0.00	59.63 3.04 0.00	48.23 2.62 0.00	43.89 2.67 0.00	37.44 2.56 0.00	38.33 2.74 0.00	38.70 2.71 0.00	37.34 2.60 0.00	36.92 2.49 0.00	39.07 2.57 0.00	52.42 3.60 0.00	55.19 3.92 0.00	50.60 3.55 0.00	52.37 3.53 0.00	47.65 3.18 0.00	39.30 2.46 0.00	40.39 2.25 0.00
NEG CAPITAL___MECHNVIL 23645	42.41 1.45 0.00	43.15 1.44 0.00	37.45 1.28 0.00	35.53 1.20 0.00	35.81 1.26 0.00	38.50 1.29 0.00	58.62 1.99 0.00	57.95 1.98 0.00	58.59 2.00 0.00	47.14 1.53 0.00	42.47 1.25 0.00	35.91 1.03 0.00	36.84 1.25 0.00	37.27 1.28 0.00	36.10 1.36 0.00	35.90 1.47 0.00	38.26 1.76 0.00	51.11 2.30 0.00	53.40 2.13 0.00	48.91 1.86 0.00	50.86 2.03 0.00	46.30 1.83 0.00	38.42 1.57 0.00	39.67 1.53 0.00
NEG CENTRAL_HIGH_ACRES 23767	39.51 -1.44 0.00	40.01 -1.69 0.00	34.63 -1.54 0.00	31.24 -1.56 1.53	33.20 -1.48 -0.13	35.95 -1.46 -0.19	54.89 -2.14 -0.40	54.27 -1.91 -0.21	55.89 -1.78 -1.09	46.30 -1.28 -1.97	41.26 -1.00 -1.04	34.40 -0.92 -0.44	34.53 -1.06 0.00	35.09 -1.00 -0.10	33.61 -1.13 0.00	33.87 -1.25 -0.69	35.13 -1.37 0.00	46.83 -1.99 0.00	49.15 -1.95 0.17	45.14 -1.72 0.19	46.91 -1.87 0.06	42.78 -1.85 -0.16	35.49 -1.51 -0.15	37.24 -1.37 -0.47

NEG CENTRAL___DRP 24199	40.65 -0.31 0.00	41.15 -0.55 0.00	35.56 -0.61 0.00	31.20 -0.78 2.35	34.06 -0.67 -0.17	36.57 -0.66 -0.03	60.43 -0.66 -4.47	60.90 -0.43 -5.36	60.60 -0.45 -4.46	48.11 -0.31 -2.81	44.52 -0.10 -3.40	38.40 0.03 -3.50	39.83 -0.02 -4.27	39.38 -0.02 -3.41	38.70 -0.21 -4.18	35.46 -0.32 -1.35	38.88 -0.36 -2.75	52.36 -0.47 -4.02	56.27 -0.34 -5.35	52.04 -0.25 -5.24	53.80 -0.32 -5.28	48.00 -0.51 -4.04	36.69 -0.37 -0.22	38.49 -0.30 -0.64
NEG CENTRAL___INDECK 23768	41.48 0.32 -0.21	41.55 -0.27 -0.12	35.67 -0.61 -0.11	27.74 -1.04 5.56	35.87 -0.91 -2.23	51.69 -0.81 -15.29	104.68 -0.87 -48.91	112.48 -0.38 -56.89	105.60 -0.30 -49.32	79.28 -0.13 -33.79	79.16 -0.07 -38.00	72.53 -0.10 -37.75	79.87 -0.12 -44.40	71.61 0.01 -35.61	77.69 -0.47 -43.43	49.20 -0.56 -15.34	64.67 -0.45 -28.62	90.00 -0.65 -41.84	106.90 -0.25 -55.89	101.84 0.05 -54.75	103.99 0.04 -55.11	86.44 -0.33 -42.29	39.10 -0.30 -2.56	45.56 -0.09 -7.51
NEG CENTRAL___SENECA 23627	40.61 -0.35 0.00	41.02 -0.68 0.00	35.40 -0.77 0.00	28.85 -1.03 4.46	33.97 -0.85 -0.27	35.85 -0.86 0.51	62.74 -0.85 -6.96	63.84 -0.53 -8.40	62.98 -0.57 -6.97	49.56 -0.40 -4.35	46.34 -0.18 -5.30	40.34 -0.01 -5.47	42.19 -0.09 -6.69	41.27 -0.07 -5.35	40.96 -0.33 -6.56	36.05 -0.48 -2.11	40.28 -0.54 -4.32	54.41 -0.71 -6.31	59.13 -0.52 -8.39	54.93 -0.33 -8.22	56.70 -0.42 -8.29	50.16 -0.64 -6.33	36.75 -0.43 -0.34	38.78 -0.35 -0.99
NEG CENTRAL___STATE_STREET 24147	40.96 0.00 0.00	41.59 -0.12 0.00	36.00 -0.17 0.00	35.31 -0.23 -1.21	34.36 -0.19 0.00	37.88 -0.14 -0.81	56.72 0.02 -0.07	55.90 -0.08 0.00	56.50 -0.08 0.00	45.61 -0.01 0.00	41.42 0.20 0.00	35.14 0.27 0.00	36.88 0.26 -1.03	37.36 0.25 -1.12	35.67 0.08 -0.86	34.52 0.09 0.00	36.60 0.10 0.00	48.92 0.11 0.00	51.52 0.25 0.00	47.30 0.25 0.00	49.04 0.21 0.00	44.49 0.02 0.00	36.86 0.01 0.00	38.24 0.10 0.00
NEG MILLWOOD___DRP 24198	43.24 2.28 0.00	43.87 2.17 0.00	37.81 1.64 0.00	35.83 1.50 0.00	36.12 1.57 0.00	38.94 1.73 0.00	59.56 2.93 0.00	59.09 3.12 0.00	59.75 3.17 0.00	48.37 2.76 0.00	44.05 2.83 0.00	37.57 2.70 0.00	38.46 2.87 0.00	38.82 2.83 0.00	37.44 2.70 0.00	37.00 2.57 0.00	39.13 2.63 0.00	52.53 3.72 0.00	55.31 4.05 0.00	50.71 3.67 0.00	52.48 3.65 0.00	47.77 3.29 0.00	39.38 2.53 0.00	40.43 2.29 0.00
NEG NORTH_FLCN_SEA 23793	40.81 -0.14 0.00	41.82 0.12 0.00	36.56 0.39 0.00	34.91 0.58 0.00	35.19 0.64 0.00	38.11 0.90 0.00	58.07 1.44 0.00	56.99 1.02 0.00	57.74 1.16 0.00	46.31 0.70 0.00	41.40 0.18 0.00	34.57 -0.30 0.00	34.89 -0.70 0.00	35.24 -0.76 0.00	33.99 -0.75 0.00	33.68 -0.74 0.00	35.53 -0.97 0.00	38.61 -1.47 8.73	-23.23 -1.73 72.78	-23.24 -1.51 68.77	46.30 -1.09 1.45	43.85 -0.62 0.00	36.49 -0.35 0.00	37.65 -0.50 0.00
NEG NORTH_KES_CHATEGAY 23792	40.71 -0.25 0.00	41.75 0.05 0.00	36.47 0.29 0.00	34.85 0.52 0.00	35.14 0.58 0.00	38.04 0.83 0.00	57.89 1.26 0.00	57.07 1.10 0.00	57.79 1.20 0.00	46.33 0.72 0.00	41.29 0.07 0.00	34.41 -0.46 0.00	34.74 -0.85 0.00	35.07 -0.92 0.00	33.83 -0.91 0.00	33.61 -0.81 0.00	35.51 -0.99 0.00	39.30 -1.40 8.11	-17.80 -1.48 67.59	-18.13 -1.30 63.87	46.27 -1.22 1.34	43.55 -0.92 0.00	36.14 -0.71 0.00	37.34 -0.81 0.00
NEG NORTH___ALICE_FALLS 23915	41.05 0.09 0.00	42.06 0.36 0.00	36.75 0.57 0.00	35.09 0.76 0.00	35.38 0.83 0.00	38.31 1.10 0.00	58.37 1.74 0.00	57.46 1.49 0.00	58.24 1.65 0.00	46.69 1.08 0.00	41.66 0.44 0.00	34.78 -0.09 0.00	35.08 -0.51 0.00	35.43 -0.56 0.00	34.17 -0.56 0.00	33.90 -0.53 0.00	35.82 -0.68 0.00	39.14 -1.05 8.62	-21.81 -1.24 71.84	-21.91 -1.07 67.89	46.65 -0.75 1.43	44.03 -0.44 0.00	36.58 -0.26 0.00	37.77 -0.38 0.00
NEG NORTH___LWR_SARANAC 23913	41.05 0.09 0.00	42.06 0.36 0.00	36.75 0.57 0.00	35.09 0.76 0.00	35.38 0.83 0.00	38.31 1.10 0.00	58.37 1.74 0.00	57.46 1.49 0.00	58.24 1.65 0.00	46.69 1.08 0.00	41.66 0.44 0.00	34.78 -0.09 0.00	35.08 -0.51 0.00	35.43 -0.56 0.00	34.17 -0.56 0.00	33.90 -0.53 0.00	35.82 -0.68 0.00	39.14 -1.05 8.62	-21.81 -1.24 71.84	-21.91 -1.07 67.89	46.65 -0.75 1.43	44.03 -0.44 0.00	36.58 -0.26 0.00	37.77 -0.38 0.00
NEG NORTH___PLATTSBURG 23628	41.05 0.09 0.00	42.06 0.36 0.00	36.74 0.57 0.00	35.09 0.76 0.00	35.38 0.82 0.00	38.31 1.10 0.00	58.37 1.74 0.00	57.46 1.49 0.00	58.24 1.65 0.00	46.69 1.07 0.00	41.66 0.44 0.00	34.79 -0.09 0.00	35.08 -0.51 0.00	35.43 -0.56 0.00	34.17 -0.56 0.00	33.90 -0.53 0.00	35.82 -0.68 0.00	39.14 -1.05 8.62	-21.81 -1.24 71.84	-21.91 -1.07 67.89	46.65 -0.76 1.43	44.04 -0.44 0.00	36.58 -0.26 0.00	37.77 -0.38 0.00
NEG WEST_LEA_LOCKPORT 23791	39.08 -1.88 0.00	39.32 -2.38 0.00	33.98 -2.19 0.00	28.49 -2.31 3.53	32.36 -2.19 0.00	32.94 -2.13 2.15	41.29 -3.49 11.85	37.45 -3.48 15.04	44.51 -3.21 8.87	43.00 -2.21 0.40	33.44 -1.91 5.86	24.64 -1.63 8.60	22.30 -1.66 11.64	26.24 -1.37 8.39	22.30 -1.71 10.73	31.75 -2.04 0.63	27.13 -2.27 7.09	35.08 -3.37 10.37	34.40 -3.08 13.79	31.06 -2.48 13.50	32.54 -2.66 13.63	32.19 -2.55 9.74	34.92 -1.98 -0.07	36.87 -1.57 -0.29
NEG WEST___LANCASTER 23811	39.42 -1.54 0.00	39.64 -2.06 0.00	34.22 -1.95 0.00	27.71 -2.21 4.41	32.53 -2.02 0.00	32.37 -2.08 2.75	42.39 -3.23 11.01	39.11 -2.97 13.89	45.55 -2.85 8.18	43.22 -2.03 0.37	34.13 -1.68 5.41	25.57 -1.37 7.94	23.48 -1.50 10.61	27.28 -1.16 7.55	23.53 -1.53 9.67	31.68 -1.79 0.95	28.07 -2.03 6.40	36.60 -2.85 9.36	36.54 -2.27 12.45	33.03 -1.82 12.19	34.40 -2.13 12.31	33.38 -2.21 8.89	35.05 -1.77 0.02	36.70 -1.44 0.00
NEG_PENN_ALLEGHNY 23528	41.53 0.23 -0.35	41.96 0.06 -0.20	36.33 -0.04 -0.19	32.53 -0.22 1.58	34.30 -0.14 0.10	33.19 -0.21 3.81	55.66 -0.07 0.90	56.34 0.13 -0.23	54.48 0.03 2.14	41.34 0.13 4.41	39.47 0.30 2.05	34.55 0.39 0.71	37.06 0.44 -1.03	37.71 0.57 -1.15	36.11 0.37 -1.01	33.46 0.22 1.19	36.76 0.26 0.00	49.20 0.39 0.00	52.19 0.62 -0.30	47.95 0.57 -0.34	49.46 0.51 -0.11	44.49 0.30 0.28	36.77 0.19 0.26	37.51 0.17 0.81
NEG___GEN_MONROE 24207	40.41 -0.55 0.00	40.82 -0.88 0.00	35.31 -0.86 0.00	31.09 -0.95 2.28	33.87 -0.86 -0.18	36.68 -0.72 -0.19	56.09 -1.09 -0.56	55.42 -0.85 -0.30	57.47 -0.65 -1.53	48.11 -0.27 -2.77	42.51 -0.18 -1.47	35.35 -0.15 -0.62	35.29 -0.30 0.00	35.95 -0.18 -0.14	34.31 -0.43 0.00	34.81 -0.60 -0.98	35.77 -0.73 0.00	47.63 -1.19 0.00	50.32 -0.94 0.00	46.37 -0.67 0.00	48.04 -0.80 0.00	43.84 -0.86 -0.23	36.38 -0.68 -0.22	38.37 -0.44 -0.67
NEPA___ENERGY 23901	39.34 -1.61 0.00	39.60 -2.10 0.00	34.14 -2.03 0.00	27.50 -2.48 4.36	32.40 -2.15 0.00	31.98 -2.51 2.73	42.83 -3.52 10.27	39.87 -3.16 12.94	45.66 -3.30 7.62	42.75 -2.53 0.34	34.14 -2.04 5.04	25.96 -1.52 7.39	24.32 -1.49 9.78	27.97 -1.12 6.90	24.36 -1.53 8.84	31.56 -1.99 0.87	28.54 -2.10 5.86	37.40 -2.84 8.56	37.64 -2.23 11.40	34.05 -1.84 11.16	35.59 -1.98 11.26	34.12 -2.22 8.13	35.06 -1.76 0.02	36.69 -1.46 0.00

NEVERSINK___HYD 23608	42.61 1.66 0.00	43.28 1.58 0.00	37.35 1.18 0.00	35.40 1.06 0.00	35.67 1.12 0.00	38.45 1.24 0.00	58.79 2.16 0.00	58.30 2.33 0.00	58.90 2.32 0.00	47.59 1.98 0.00	43.21 1.99 0.00	36.89 2.01 0.00	37.61 2.02 0.00	38.01 2.02 0.00	36.68 1.95 0.00	36.28 1.85 0.00	38.46 1.96 0.00	51.67 2.86 0.00	54.45 3.18 0.00	49.94 2.89 0.00	51.66 2.83 0.00	46.97 2.49 0.00	38.76 1.91 0.00	39.84 1.69 0.00
NEWKRMKL_115KV_TB1 55635	41.18 0.22 0.00	41.97 0.27 0.00	36.49 0.31 0.00	34.66 0.32 0.00	34.86 0.31 0.00	37.41 0.20 0.00	56.78 0.15 0.00	56.14 0.17 0.00	56.78 0.20 0.00	45.75 0.13 0.00	41.30 0.08 0.00	35.07 0.19 0.00	35.93 0.34 0.00	36.30 0.31 0.00	35.17 0.43 0.00	34.92 0.49 0.00	37.16 0.66 0.00	49.62 0.81 0.00	51.96 0.69 0.00	47.58 0.54 0.00	49.40 0.56 0.00	45.06 0.58 0.00	37.40 0.55 0.00	38.76 0.61 0.00
NEWTON___FALLS_HYD 23847	42.31 1.36 0.00	43.08 1.37 0.00	37.46 1.29 0.00	35.59 1.26 0.00	35.85 1.29 0.00	38.54 1.33 0.00	58.85 2.21 0.00	57.16 1.19 0.00	57.02 0.44 0.00	46.21 0.59 0.00	41.81 0.59 0.00	35.32 0.44 0.00	35.64 0.05 0.00	35.97 -0.03 0.00	34.64 -0.10 0.00	34.41 -0.02 0.00	36.29 -0.21 0.00	47.32 -0.52 0.98	42.52 -0.60 8.14	38.84 -0.51 7.69	48.27 -0.40 0.16	44.47 -0.01 0.00	36.92 0.07 0.00	37.88 -0.27 0.00
NGRID_A1_DSASP 323792	38.04 -2.22 0.70	38.58 -2.73 0.40	33.31 -2.47 0.39	27.72 -2.56 4.05	31.73 -2.42 0.39	32.17 -2.44 2.60	40.57 -4.06 12.01	35.95 -4.18 15.84	43.39 -3.99 9.21	42.31 -2.92 0.38	33.20 -2.42 5.61	24.58 -2.08 8.23	22.59 -2.13 10.87	26.52 -1.80 7.67	22.79 -2.13 9.82	30.96 -2.50 0.97	27.27 -2.73 6.50	35.31 -4.01 9.49	34.87 -3.76 12.63	31.58 -3.10 12.36	33.09 -3.27 12.48	32.40 -3.07 9.01	34.37 -2.45 0.02	36.09 -2.05 0.00
NGRID_A2_DSASP 323793	38.73 -2.23 0.00	38.95 -2.75 0.00	33.69 -2.48 0.00	28.12 -2.57 3.64	32.12 -2.43 0.00	32.55 -2.43 2.24	41.12 -4.16 11.36	37.38 -4.20 14.39	44.17 -3.93 8.48	42.31 -2.92 0.38	33.20 -2.42 5.61	24.58 -2.08 8.23	22.59 -2.13 10.87	26.52 -1.80 7.67	22.79 -2.13 9.82	30.96 -2.50 0.97	27.27 -2.73 6.50	35.31 -4.01 9.49	34.87 -3.76 12.63	31.58 -3.10 12.36	33.09 -3.27 12.48	32.40 -3.07 9.01	34.37 -2.45 0.02	36.09 -2.05 0.00
NGRID_A4_DSASP 323807	38.73 -2.23 0.00	38.95 -2.75 0.00	33.69 -2.48 0.00	28.12 -2.57 3.64	32.12 -2.43 0.00	32.55 -2.43 2.24	41.12 -4.16 11.36	37.38 -4.20 14.39	44.17 -3.93 8.48	42.31 -2.92 0.38	33.20 -2.42 5.61	24.58 -2.08 8.23	22.59 -2.13 10.87	26.52 -1.80 7.67	22.79 -2.13 9.82	30.96 -2.50 0.97	27.27 -2.73 6.50	35.31 -4.01 9.49	34.87 -3.76 12.63	31.58 -3.10 12.36	33.09 -3.27 12.48	32.40 -3.07 9.01	34.37 -2.45 0.02	36.09 -2.05 0.00
NIAGARA_115E_LBMP 323715	37.86 -2.42 0.67	38.44 -2.89 0.38	33.19 -2.61 0.37	27.65 -2.66 4.02	31.63 -2.54 0.38	32.13 -2.50 2.58	40.73 -3.94 11.96	36.19 -4.03 15.75	43.45 -3.94 9.20	42.27 -2.67 0.68	32.78 -2.12 6.32	24.06 -2.01 8.81	22.65 -1.97 10.97	26.51 -1.67 7.81	22.77 -1.97 10.00	31.02 -2.42 0.98	27.27 -2.61 6.61	35.34 -3.81 9.66	34.27 -3.53 13.46	30.87 -2.90 13.27	32.83 -3.07 12.93	32.33 -2.97 9.17	34.43 -2.39 0.02	36.21 -1.93 0.00
NIAGARA_115W_LBMP 323714	37.99 -2.27 0.70	38.52 -2.78 0.40	33.27 -2.51 0.39	27.69 -2.60 4.04	31.69 -2.46 0.39	32.13 -2.48 2.60	40.50 -4.16 11.97	35.94 -4.24 15.79	43.29 -4.08 9.22	42.00 -2.93 0.69	32.63 -2.26 6.34	23.94 -2.11 8.82	22.63 -2.14 10.82	26.55 -1.81 7.63	22.86 -2.11 9.76	30.90 -2.56 0.96	27.27 -2.77 6.46	35.36 -4.02 9.44	34.30 -3.78 13.18	30.93 -3.11 13.00	32.92 -3.27 12.64	32.40 -3.12 8.96	34.31 -2.51 0.02	36.04 -2.11 0.00
NIAGARA_230_LBMP 323716	38.09 -2.16 0.70	38.66 -2.64 0.40	33.39 -2.40 0.39	27.86 -2.50 3.98	31.79 -2.36 0.39	32.28 -2.38 2.56	41.03 -3.97 11.63	36.59 -4.01 15.36	43.81 -3.81 8.97	42.33 -2.61 0.68	32.94 -2.11 6.17	24.32 -1.98 8.58	23.17 -2.01 10.40	27.02 -1.70 7.27	23.44 -1.99 9.31	31.22 -2.29 0.92	27.77 -2.57 6.16	36.03 -3.79 9.00	35.14 -3.54 12.59	31.71 -2.91 12.42	33.69 -3.08 12.06	33.03 -2.90 8.54	34.61 -2.22 0.02	36.34 -1.81 0.00
NIAGARA___115KV_198_GIBSON 55903	38.67 -2.28 0.00	38.90 -2.80 0.00	33.64 -2.53 0.00	28.08 -2.61 3.64	32.07 -2.48 0.00	32.50 -2.48 2.23	41.10 -4.22 11.32	37.35 -4.28 14.35	44.11 -4.02 8.45	42.24 -3.00 0.38	33.16 -2.47 5.59	24.56 -2.12 8.20	22.59 -2.18 10.82	26.51 -1.85 7.63	22.81 -2.17 9.76	30.91 -2.55 0.96	27.25 -2.78 6.46	35.31 -4.07 9.44	34.87 -3.84 12.56	31.60 -3.15 12.30	33.10 -3.32 12.41	32.38 -3.13 8.96	34.31 -2.51 0.02	36.04 -2.11 0.00
NIAGARA____ 23760	38.11 -2.16 0.68	38.67 -2.64 0.39	33.39 -2.40 0.38	27.83 -2.50 4.00	31.80 -2.36 0.39	32.26 -2.38 2.57	40.92 -3.97 11.74	36.51 -4.01 15.45	43.76 -3.81 9.02	42.33 -2.61 0.68	32.89 -2.11 6.21	24.25 -1.98 8.65	23.02 -2.01 10.55	26.88 -1.70 7.41	23.28 -1.99 9.47	31.20 -2.29 0.93	27.68 -2.57 6.25	35.92 -3.79 9.10	35.00 -3.54 12.73	31.58 -2.91 12.55	33.56 -3.08 12.20	32.92 -2.90 8.65	34.60 -2.22 0.02	36.34 -1.81 0.00
NINE_MILE_1 23575	39.60 -1.35 0.00	40.27 -1.43 0.00	34.90 -1.27 0.00	33.10 -1.23 0.00	33.32 -1.23 0.00	35.90 -1.31 0.00	54.64 -1.99 0.00	54.09 -1.88 0.00	54.71 -1.88 0.00	44.15 -1.46 0.00	39.95 -1.27 0.00	33.83 -1.05 0.00	34.52 -1.07 0.00	34.91 -1.08 0.00	33.66 -1.08 0.00	33.32 -1.11 0.00	35.34 -1.16 0.00	47.23 -1.58 0.00	49.64 -1.63 0.00	45.57 -1.48 0.00	47.27 -1.56 0.00	43.00 -1.48 0.00	35.63 -1.21 0.00	37.02 -1.13 0.00
NINE_MILE_2 23744	39.60 -1.35 0.00	40.28 -1.43 0.00	34.90 -1.27 0.00	33.10 -1.23 0.00	33.32 -1.23 0.00	35.91 -1.31 0.00	54.65 -1.98 0.00	54.09 -1.88 0.00	54.72 -1.87 0.00	44.15 -1.46 0.00	39.95 -1.27 0.00	33.84 -1.04 0.00	34.52 -1.07 0.00	34.91 -1.08 0.00	33.66 -1.08 0.00	33.32 -1.11 0.00	35.34 -1.16 0.00	47.23 -1.58 0.00	49.64 -1.63 0.00	45.57 -1.47 0.00	47.27 -1.56 0.00	43.00 -1.48 0.00	35.63 -1.21 0.00	37.02 -1.13 0.00
NM_CAPITAL___DRP 24208	41.13 0.17 0.00	41.92 0.21 0.00	36.44 0.27 0.00	34.62 0.28 0.00	34.81 0.26 0.00	37.37 0.15 0.00	56.67 0.04 0.00	56.03 0.06 0.00	56.67 0.09 0.00	45.65 0.04 0.00	41.21 -0.01 0.00	34.98 0.10 0.00	35.85 0.26 0.00	36.21 0.22 0.00	35.10 0.36 0.00	34.86 0.43 0.00	37.09 0.60 0.00	49.53 0.71 0.00	51.84 0.58 0.00	47.47 0.43 0.00	49.30 0.47 0.00	44.98 0.50 0.00	37.34 0.50 0.00	38.69 0.55 0.00
NM_CENTRAL___DRP 24181	40.36 -0.60 0.00	41.00 -0.70 0.00	35.52 -0.65 0.00	33.67 -0.67 0.00	33.91 -0.64 0.00	36.54 -0.67 0.00	55.71 -0.92 0.00	55.19 -0.78 0.00	55.82 -0.77 0.00	45.09 -0.52 0.00	40.81 -0.41 0.00	34.59 -0.29 0.00	35.33 -0.26 0.00	35.73 -0.27 0.00	34.43 -0.30 0.00	34.06 -0.37 0.00	36.13 -0.37 0.00	48.29 -0.52 0.00	50.75 -0.52 0.00	46.58 -0.47 0.00	48.31 -0.52 0.00	43.90 -0.58 0.00	36.35 -0.49 0.00	37.72 -0.42 0.00

NM_FRONTIER___DRP 24179	38.67 -2.28 0.00	38.90 -2.80 0.00	33.64 -2.53 0.00	28.08 -2.61 3.64	32.07 -2.48 0.00	32.50 -2.48 2.23	41.10 -4.22 11.32	37.35 -4.28 14.35	44.11 -4.02 8.45	42.24 -3.00 0.38	33.16 -2.47 5.59	24.56 -2.12 8.20	22.59 -2.18 10.82	26.51 -1.85 7.63	22.81 -2.17 9.76	30.91 -2.55 0.96	27.25 -2.78 6.46	35.31 -4.07 9.44	34.87 -3.84 12.56	31.60 -3.15 12.30	33.10 -3.32 12.41	32.38 -3.13 8.96	34.31 -2.51 0.02	36.04 -2.11 0.00
NM_ST_REGIS___HYD 24053	42.00 1.04 0.00	42.85 1.15 0.00	37.32 1.15 0.00	35.58 1.24 0.00	35.83 1.28 0.00	38.70 1.49 0.00	58.83 2.19 0.00	57.82 1.85 0.00	58.30 1.72 0.00	46.98 1.36 0.00	42.32 1.10 0.00	35.50 0.63 0.00	35.92 0.33 0.00	36.32 0.32 0.00	35.00 0.26 0.00	34.76 0.34 0.00	36.61 0.11 0.00	46.23 -0.11 2.47	30.47 -0.24 20.56	27.49 -0.12 19.43	48.53 0.10 0.41	44.91 0.44 0.00	37.33 0.49 0.00	38.51 0.36 0.00
NORTHPORT___1 23551	42.85 1.90 0.01	43.27 1.56 0.00	37.25 1.08 0.00	35.38 1.05 0.00	35.63 1.08 0.00	38.36 1.15 0.00	57.65 1.49 0.47	23.49 1.69 34.17	24.85 1.73 33.47	41.02 1.67 6.26	43.54 2.29 -0.03	43.84 2.53 -6.43	40.18 2.89 -1.70	40.79 2.79 -2.01	37.69 2.42 -0.53	27.31 1.67 8.79	25.52 1.66 12.64	48.22 2.69 3.29	54.35 3.08 0.00	49.79 2.74 0.00	65.53 3.43 -13.27	47.41 2.93 0.00	38.83 1.99 0.00	38.83 1.56 0.87
NORTHPORT___2 23552	42.85 1.90 0.01	43.27 1.56 0.00	37.25 1.08 0.00	35.38 1.05 0.00	35.63 1.08 0.00	38.36 1.15 0.00	57.65 1.49 0.47	23.49 1.69 34.17	24.85 1.73 33.47	41.02 1.67 6.26	43.54 2.29 -0.03	43.84 2.53 -6.43	40.18 2.89 -1.70	40.79 2.79 -2.01	37.69 2.42 -0.53	27.31 1.67 8.79	25.52 1.66 12.64	48.22 2.69 3.29	54.35 3.08 0.00	49.79 2.74 0.00	65.53 3.43 -13.27	47.41 2.93 0.00	38.83 1.99 0.00	38.83 1.56 0.87
NORTHPORT___3 23553	42.72 1.77 0.01	43.15 1.44 -0.01	37.14 0.96 0.00	35.27 0.93 0.00	35.52 0.97 0.00	38.21 1.00 0.00	57.37 1.21 0.47	23.35 1.40 34.01	24.70 1.43 33.31	40.82 1.44 6.23	43.37 2.11 -0.03	43.75 2.42 -6.45	40.09 2.78 -1.72	40.74 2.68 -2.07	37.59 2.31 -0.54	27.17 1.49 8.75	25.38 1.46 12.58	47.97 2.42 3.27	54.06 2.79 0.00	49.52 2.47 0.00	65.39 3.25 -13.30	47.24 2.77 0.00	38.68 1.84 0.00	38.67 1.40 0.87
NORTHPORT___4 23650	42.72 1.77 0.01	43.15 1.44 -0.01	37.14 0.96 0.00	35.27 0.93 0.00	35.52 0.97 0.00	38.21 1.00 0.00	57.37 1.21 0.47	23.35 1.40 34.01	24.70 1.43 33.31	40.82 1.44 6.23	43.37 2.11 -0.03	43.75 2.42 -6.45	40.09 2.78 -1.72	40.74 2.68 -2.07	37.59 2.31 -0.54	27.17 1.49 8.75	25.38 1.46 12.58	47.97 2.42 3.27	54.06 2.79 0.00	49.52 2.47 0.00	65.39 3.25 -13.30	47.24 2.77 0.00	38.68 1.84 0.00	38.67 1.40 0.87
NORTHPORT___IC 23718	42.86 1.91 0.01	43.27 1.57 0.00	37.26 1.09 0.00	35.39 1.05 0.00	35.63 1.08 0.00	38.36 1.15 0.00	57.66 1.50 0.47	23.54 1.73 34.17	24.86 1.74 33.47	41.03 1.68 6.26	43.63 2.37 -0.03	43.85 2.54 -6.43	40.19 2.89 -1.70	40.80 2.80 -2.01	37.71 2.44 -0.53	27.32 1.68 8.79	25.53 1.67 12.64	48.23 2.70 3.29	54.35 3.09 0.00	49.80 2.76 0.00	65.55 3.44 -13.27	47.41 2.93 0.00	38.83 1.99 0.00	38.85 1.58 0.87
NORTH___COUNTRY_ESR 323785	40.63 -0.33 0.00	41.67 -0.04 0.00	36.39 0.22 0.00	34.78 0.45 0.00	35.06 0.51 0.00	37.95 0.73 0.00	57.75 1.12 0.00	56.90 0.93 0.00	57.63 1.04 0.00	46.20 0.59 0.00	41.20 -0.02 0.00	34.35 -0.53 0.00	34.68 -0.91 0.00	35.03 -0.97 0.00	33.78 -0.96 0.00	33.55 -0.88 0.00	35.45 -1.05 0.00	39.22 -1.49 8.10	-17.82 -1.61 67.47	-18.12 -1.41 63.76	46.17 -1.33 1.34	43.45 -1.03 0.00	36.05 -0.80 0.00	37.26 -0.89 0.00
NPX_GEN_1385_PROXY 323591	42.73 1.78 0.01	43.13 1.42 0.00	37.19 1.02 0.00	35.35 1.01 0.00	35.55 1.00 0.00	38.34 1.12 0.00	57.70 1.54 0.47	23.40 1.60 34.17	24.85 1.73 33.47	41.08 1.73 6.26	2.38 2.13 40.97	43.73 2.41 -6.43	29.11 2.75 9.23	5.69 2.66 32.97	37.60 2.33 -0.53	27.26 1.62 8.79	24.46 1.59 13.62	48.27 2.74 3.29	54.40 3.14 0.00	49.84 2.79 0.00	65.50 3.40 -13.27	47.33 2.85 0.00	23.20 1.86 15.50	0.88 1.42 38.68
NPX_GEN_CSC 323557	42.31 1.37 0.02	21.49 0.96 21.18	-29.18 0.53 65.88	6.14 0.60 28.80	6.34 0.64 28.86	35.64 0.78 2.36	53.18 1.06 4.51	23.59 1.35 33.73	24.96 1.41 33.03	40.78 1.35 6.18	10.91 1.77 32.08	11.49 2.12 25.50	36.93 2.56 1.22	26.30 2.36 12.05	36.44 2.05 0.34	27.22 1.46 8.67	24.53 1.49 13.46	37.06 2.44 14.18	35.89 2.84 18.22	40.77 2.52 8.79	58.92 3.08 -7.00	46.71 2.57 0.34	36.60 1.67 1.92	38.51 1.22 0.86
NSINS_S_GLNS_FALLS 23858	42.47 1.51 0.00	43.14 1.44 0.00	37.49 1.32 0.00	35.59 1.25 0.00	35.94 1.39 0.00	38.65 1.44 0.00	58.81 2.18 0.00	58.01 2.04 0.00	58.75 2.17 0.00	47.24 1.63 0.00	42.52 1.30 0.00	35.92 1.04 0.00	36.76 1.17 0.00	37.31 1.32 0.00	36.07 1.34 0.00	35.91 1.48 0.00	38.27 1.78 0.00	51.07 2.25 0.00	53.18 1.92 0.00	48.76 1.71 0.00	50.83 2.00 0.00	46.40 1.93 0.00	38.55 1.70 0.00	39.65 1.51 0.00
NUCOR_STEEL___DRP 24197	40.94 -0.02 0.00	41.58 -0.12 0.00	36.00 -0.17 0.00	35.54 -0.21 -1.41	34.37 -0.18 0.00	38.03 -0.12 -0.94	56.72 0.02 -0.08	55.85 -0.12 0.00	56.45 -0.13 0.00	45.57 -0.04 0.00	41.39 0.17 0.00	35.12 0.24 0.00	35.82 0.23 0.00	36.22 0.23 0.00	34.80 0.06 0.00	34.52 0.09 0.00	36.60 0.10 0.00	48.91 0.10 0.00	51.51 0.25 0.00	47.29 0.25 0.00	49.03 0.20 0.00	44.48 0.01 0.00	36.85 0.01 0.00	38.24 0.09 0.00
NUMBER_THREE_WT_PWR 323818	42.47 1.52 0.00	43.20 1.49 0.00	37.53 1.36 0.00	35.59 1.25 0.00	35.84 1.29 0.00	38.37 1.16 0.00	58.90 2.28 0.00	56.52 0.55 0.00	55.72 -0.86 0.00	45.31 -0.30 0.00	41.10 -0.12 0.00	34.98 0.10 0.00	35.10 -0.50 0.00	35.39 -0.60 0.00	34.06 -0.68 0.00	33.82 -0.60 0.00	35.77 -0.73 0.00	47.37 -1.02 0.42	46.65 -1.08 3.53	42.70 -1.00 3.34	47.74 -1.03 0.07	43.79 -0.69 0.00	36.33 -0.51 0.00	37.18 -0.96 0.00
NYISO_LBMP_REFERENCE 24008	40.95 0.00 0.00	41.70 0.00 0.00	36.17 0.00 0.00	34.33 0.00 0.00	34.55 0.00 0.00	37.21 0.00 0.00	56.63 0.00 0.00	55.97 0.00 0.00	56.59 0.00 0.00	45.61 0.00 0.00	41.22 0.00 0.00	34.88 0.00 0.00	35.59 0.00 0.00	35.99 0.00 0.00	34.73 0.00 0.00	34.43 0.00 0.00	36.50 0.00 0.00	48.81 0.00 0.00	51.26 0.00 0.00	47.04 0.00 0.00	48.84 0.00 0.00	44.48 0.00 0.00	36.84 0.00 0.00	38.14 0.00 0.00
NYPA_BRENTWD____GT 24164	43.26 2.31 0.01	43.59 1.92 0.03	37.46 1.29 0.00	35.56 1.22 0.00	35.82 1.27 0.00	38.64 1.43 0.00	58.32 2.14 0.45	25.84 2.27 32.40	27.15 2.31 31.75	41.85 2.17 5.93	43.93 2.64 -0.06	44.33 2.80 -6.66	40.54 3.06 -1.89	41.98 3.01 -2.98	38.04 2.67 -0.63	28.09 1.98 8.32	26.58 2.05 11.97	48.96 3.29 3.14	54.99 3.73 0.00	50.39 3.34 0.00	66.39 4.00 -13.56	47.91 3.44 0.00	39.20 2.36 0.00	39.34 1.99 0.80

NYPA_GOWANUS____GT5 24156	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00
NYPA_GOWANUS____GT6 24157	43.29 2.33 0.00	43.88 2.18 0.00	37.81 1.64 0.00	35.87 1.54 0.00	36.19 1.64 0.00	39.07 1.86 0.00	59.69 3.07 0.00	59.14 3.17 0.00	59.86 3.27 0.00	48.54 2.93 0.00	44.17 2.95 0.00	37.76 2.88 0.00	38.63 3.04 0.00	38.95 2.96 0.00	37.59 2.86 0.00	37.14 2.72 0.00	39.18 2.69 0.00	52.65 3.84 0.00	55.49 4.23 0.00	50.90 3.86 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.58 0.00	40.43 2.29 0.00
NYPA_HARLEM__RVR__GT1 24160	43.13 2.17 0.00	43.72 2.01 0.00	37.68 1.51 0.00	35.78 1.44 0.00	35.99 1.45 0.00	38.87 1.66 0.00	59.36 2.73 0.00	58.93 2.96 0.00	59.69 3.10 0.00	48.41 2.80 0.00	44.04 2.82 0.00	37.66 2.78 0.00	38.52 2.93 0.00	38.81 2.81 0.00	37.48 2.74 0.00	37.00 2.58 0.00	38.99 2.49 0.00	52.41 3.60 0.00	55.20 3.94 0.00	50.68 3.64 0.00	52.39 3.56 0.00	47.67 3.20 0.00	39.33 2.49 0.00	40.30 2.16 0.00
NYPA_HARLEM__RVR__GT2 24161	43.13 2.17 0.00	43.72 2.01 0.00	37.68 1.51 0.00	35.78 1.44 0.00	35.99 1.45 0.00	38.87 1.66 0.00	59.36 2.73 0.00	58.93 2.96 0.00	59.69 3.10 0.00	48.41 2.80 0.00	44.04 2.82 0.00	37.66 2.78 0.00	38.52 2.93 0.00	38.81 2.81 0.00	37.48 2.74 0.00	37.00 2.58 0.00	38.99 2.49 0.00	52.41 3.60 0.00	55.20 3.94 0.00	50.68 3.64 0.00	52.39 3.56 0.00	47.67 3.20 0.00	39.33 2.49 0.00	40.30 2.16 0.00
NYPA_KENT____GT 24152	43.24 2.28 0.00	43.83 2.13 0.00	37.79 1.62 0.00	35.84 1.51 0.00	36.15 1.59 0.00	39.01 1.79 0.00	59.59 2.96 0.00	59.03 3.06 0.00	59.75 3.16 0.00	48.49 2.88 0.00	44.15 2.93 0.00	37.74 2.86 0.00	38.61 3.02 0.00	38.93 2.93 0.00	37.57 2.84 0.00	37.12 2.69 0.00	39.14 2.64 0.00	52.57 3.76 0.00	55.36 4.10 0.00	50.82 3.77 0.00	52.50 3.66 0.00	47.78 3.30 0.00	39.39 2.55 0.00	40.39 2.25 0.00
NYPA_POUCH1____GT 24155	43.36 2.40 0.00	43.96 2.25 0.00	37.88 1.70 0.00	35.97 1.63 0.00	36.34 1.79 0.00	39.24 2.02 0.00	59.94 3.31 0.00	59.27 3.29 0.00	59.94 3.35 0.00	48.57 2.96 0.00	44.18 2.96 0.00	37.75 2.87 0.00	38.62 3.03 0.00	38.94 2.95 0.00	37.59 2.86 0.00	37.13 2.70 0.00	39.19 2.69 0.00	52.66 3.85 0.00	55.56 4.30 0.00	50.90 3.86 0.00	52.52 3.68 0.00	47.79 3.31 0.00	39.39 2.55 0.00	40.40 2.26 0.00
NYPA_VERNON____GT2 24162	43.18 2.23 0.00	43.78 2.07 0.00	37.75 1.58 0.00	35.80 1.47 0.00	36.09 1.55 0.00	38.95 1.74 0.00	59.48 2.86 0.00	58.90 2.93 0.00	59.63 3.05 0.00	48.43 2.82 0.00	44.12 2.89 0.00	37.72 2.84 0.00	38.60 3.01 0.00	38.91 2.92 0.00	37.55 2.82 0.00	37.10 2.67 0.00	39.11 2.61 0.00	52.49 3.68 0.00	55.24 3.98 0.00	50.74 3.69 0.00	52.44 3.60 0.00	47.74 3.26 0.00	39.36 2.52 0.00	40.36 2.22 0.00
NYPA_VERNON____GT3 24163	43.18 2.23 0.00	43.78 2.07 0.00	37.75 1.58 0.00	35.80 1.47 0.00	36.09 1.55 0.00	38.95 1.74 0.00	59.48 2.86 0.00	58.90 2.93 0.00	59.63 3.05 0.00	48.43 2.82 0.00	44.12 2.89 0.00	37.72 2.84 0.00	38.60 3.01 0.00	38.91 2.92 0.00	37.55 2.82 0.00	37.10 2.67 0.00	39.11 2.61 0.00	52.49 3.68 0.00	55.24 3.98 0.00	50.74 3.69 0.00	52.44 3.60 0.00	47.74 3.26 0.00	39.36 2.52 0.00	40.36 2.22 0.00
NYPA__ASTORIA_CC1 323568	43.12 2.16 0.00	43.72 2.01 0.00	37.69 1.52 0.00	35.76 1.43 0.00	36.05 1.50 0.00	38.89 1.68 0.00	59.39 2.76 0.00	58.80 2.82 0.00	59.53 2.94 0.00	48.35 2.73 0.00	44.04 2.82 0.00	37.66 2.79 0.00	38.54 2.95 0.00	38.85 2.85 0.00	37.49 2.76 0.00	37.05 2.62 0.00	39.03 2.53 0.00	52.39 3.58 0.00	55.14 3.88 0.00	50.65 3.61 0.00	52.35 3.51 0.00	47.66 3.18 0.00	39.32 2.47 0.00	40.29 2.15 0.00
NYPA__ASTORIA_CC2 323569	43.12 2.16 0.00	43.72 2.01 0.00	37.69 1.52 0.00	35.76 1.43 0.00	36.05 1.50 0.00	38.89 1.68 0.00	59.39 2.76 0.00	58.80 2.82 0.00	59.53 2.94 0.00	48.35 2.73 0.00	44.04 2.82 0.00	37.66 2.79 0.00	38.54 2.95 0.00	38.85 2.85 0.00	37.49 2.76 0.00	37.05 2.62 0.00	39.03 2.53 0.00	52.39 3.58 0.00	55.14 3.88 0.00	50.65 3.61 0.00	52.35 3.51 0.00	47.66 3.18 0.00	39.32 2.47 0.00	40.29 2.15 0.00
NYPA__HOLTSVILL 23794	42.63 1.68 0.02	42.69 1.34 0.36	37.04 0.87 0.00	35.21 0.88 0.00	35.46 0.91 0.00	38.25 1.04 0.00	57.58 1.42 0.47	23.85 1.69 33.82	25.23 1.77 33.12	41.03 1.61 6.19	43.39 2.13 -0.04	43.74 2.39 -6.48	40.10 2.76 -1.74	40.83 2.62 -2.21	37.58 2.29 -0.55	27.41 1.68 8.69	25.71 1.71 12.50	48.29 2.73 3.26	54.40 3.14 0.00	49.85 2.80 0.00	65.53 3.37 -13.33	47.32 2.85 0.00	38.76 1.92 0.00	38.76 1.47 0.86
NYPA__HELLGATE_GT1 24158	43.13 2.17 0.00	43.72 2.01 0.00	37.68 1.51 0.00	35.78 1.44 0.00	35.99 1.45 0.00	38.87 1.66 0.00	59.36 2.73 0.00	58.93 2.96 0.00	59.69 3.10 0.00	48.41 2.80 0.00	44.04 2.82 0.00	37.66 2.78 0.00	38.52 2.93 0.00	38.81 2.81 0.00	37.48 2.74 0.00	37.00 2.58 0.00	38.99 2.49 0.00	52.41 3.60 0.00	55.20 3.94 0.00	50.68 3.64 0.00	52.39 3.56 0.00	47.67 3.20 0.00	39.33 2.49 0.00	40.30 2.16 0.00
NYPA__HELLGATE_GT2 24159	43.13 2.17 0.00	43.72 2.01 0.00	37.68 1.51 0.00	35.78 1.44 0.00	35.99 1.45 0.00	38.87 1.66 0.00	59.36 2.73 0.00	58.93 2.96 0.00	59.69 3.10 0.00	48.41 2.80 0.00	44.04 2.82 0.00	37.66 2.78 0.00	38.52 2.93 0.00	38.81 2.81 0.00	37.48 2.74 0.00	37.00 2.58 0.00	38.99 2.49 0.00	52.41 3.60 0.00	55.20 3.94 0.00	50.68 3.64 0.00	52.39 3.56 0.00	47.67 3.20 0.00	39.33 2.49 0.00	40.30 2.16 0.00
NYS_BARGE__HYD 23848	38.52 -1.84 0.60	39.04 -2.32 0.34	33.70 -2.14 0.33	28.26 -2.26 3.81	32.09 -2.12 0.34	32.72 -2.06 2.44	42.03 -3.28 11.32	37.80 -3.28 14.89	44.74 -3.15 8.70	42.94 -2.05 0.62	33.67 -1.60 5.96	25.01 -1.54 8.33	23.54 -1.53 10.52	27.19 -1.25 7.55	23.51 -1.57 9.66	31.95 -1.97 0.50	27.94 -2.17 6.39	36.26 -3.21 9.34	35.40 -2.90 12.97	31.93 -2.33 12.78	33.87 -2.48 12.48	33.28 -2.43 8.76	34.98 -1.94 -0.08	36.93 -1.51 -0.30
OAK ORCHARD__HYD 24046	39.92 -0.77 0.27	40.48 -1.07 0.15	35.00 -1.02 0.15	30.86 -1.09 2.38	33.59 -1.00 -0.04	36.42 -0.92 -0.14	55.58 -1.38 -0.33	54.55 -1.18 0.24	56.86 -1.01 -1.29	47.78 -0.57 -2.74	42.07 -0.38 -1.23	34.88 -0.40 -0.41	35.04 -0.55 0.00	35.69 -0.44 -0.14	34.09 -0.65 0.00	34.62 -0.81 -1.01	35.56 -0.94 0.00	47.38 -1.43 0.00	49.74 -1.25 0.28	45.76 -0.97 0.32	47.64 -1.09 0.10	43.59 -1.13 -0.23	36.18 -0.89 -0.22	38.16 -0.66 -0.68

OAKDALE___35_KV_LOAD 356122	41.05 0.10 0.00	41.65 -0.05 0.00	36.03 -0.15 0.00	32.28 -0.32 1.74	34.00 -0.25 0.30	32.95 -0.31 3.95	55.15 -0.27 1.21	55.42 -0.07 0.48	53.92 -0.16 2.50	41.04 -0.04 4.53	38.96 0.14 2.41	34.14 0.28 1.02	35.93 0.34 0.00	36.47 0.44 -0.04	35.14 0.25 -0.15	33.18 0.10 1.34	36.63 0.13 0.00	49.03 0.22 0.00	51.71 0.44 0.00	47.46 0.41 0.00	49.18 0.35 0.00	44.31 0.15 0.31	36.63 0.08 0.30	37.31 0.08 0.91
OCC_CHEM___DRP 24175	38.73 -2.23 0.00	38.95 -2.75 0.00	33.69 -2.48 0.00	28.12 -2.57 3.64	32.12 -2.43 0.00	32.55 -2.43 2.24	41.12 -4.16 11.36	37.38 -4.20 14.39	44.17 -3.93 8.48	42.31 -2.92 0.38	33.20 -2.42 5.61	24.58 -2.08 8.23	22.59 -2.13 10.87	26.52 -1.80 7.67	22.79 -2.13 9.82	30.96 -2.50 0.97	27.27 -2.73 6.50	35.31 -4.01 9.49	34.87 -3.76 12.63	31.58 -3.10 12.36	33.09 -3.27 12.48	32.40 -3.07 9.01	34.37 -2.45 0.02	36.09 -2.05 0.00
OH_GEN_PROXY 24063	38.06 -2.15 0.75	38.64 -2.64 0.43	33.38 -2.38 0.42	27.84 -2.48 4.00	31.79 -2.34 0.43	32.25 -2.36 2.60	41.90 -3.90 10.82	37.70 -3.91 14.36	44.49 -3.72 8.37	42.37 -2.58 0.67	33.35 -2.08 5.79	24.96 -1.94 7.99	24.16 -1.97 9.45	27.79 -1.66 6.54	24.42 -1.95 8.37	31.36 -2.25 0.82	27.45 -2.51 6.53	37.05 -3.67 8.10	36.42 -3.41 11.44	32.95 -2.79 11.30	34.97 -2.97 10.89	33.97 -2.82 7.68	34.65 -2.18 0.02	36.35 -1.80 0.00
OLIN_CORP_DRP 24177	38.58 -2.38 0.00	38.86 -2.84 0.00	33.60 -2.57 0.00	28.04 -2.62 3.68	32.04 -2.51 0.00	32.50 -2.46 2.25	41.19 -3.98 11.47	37.43 -4.01 14.53	44.25 -3.77 8.56	42.56 -2.67 0.38	33.24 -2.32 5.66	24.58 -1.99 8.31	22.51 -1.99 11.09	26.41 -1.68 7.89	22.63 -2.01 10.10	31.06 -2.37 0.99	27.22 -2.59 6.68	35.23 -3.82 9.76	34.72 -3.55 12.99	31.41 -2.91 12.72	32.91 -3.08 12.84	32.25 -2.96 9.27	34.48 -2.34 0.02	36.26 -1.89 0.00
OLIN_CORP_DSASP 323712	38.73 -2.23 0.00	38.95 -2.75 0.00	33.69 -2.48 0.00	28.12 -2.57 3.64	32.12 -2.43 0.00	32.55 -2.43 2.24	41.12 -4.16 11.36	37.38 -4.20 14.39	44.17 -3.93 8.48	42.31 -2.92 0.38	33.20 -2.42 5.61	24.58 -2.08 8.23	22.59 -2.13 10.87	26.52 -1.80 7.67	22.79 -2.13 9.82	30.96 -2.50 0.97	27.27 -2.73 6.50	35.31 -4.01 9.49	34.87 -3.76 12.63	31.58 -3.10 12.36	33.09 -3.27 12.48	32.40 -3.07 9.01	34.37 -2.45 0.02	36.09 -2.05 0.00
ONEIDA_HERK_LFGE 323681	42.11 1.15 0.00	42.86 1.16 0.00	37.20 1.03 0.00	35.27 0.93 0.00	35.53 0.97 0.00	38.16 0.94 0.00	58.37 1.74 0.00	56.95 0.98 0.00	56.89 0.31 0.00	46.16 0.55 0.00	41.85 0.63 0.00	35.51 0.63 0.00	35.96 0.36 0.00	36.34 0.35 0.00	35.02 0.28 0.00	34.72 0.30 0.00	36.80 0.30 0.00	49.01 0.39 0.20	50.01 0.38 1.63	45.85 0.35 1.54	49.15 0.35 0.03	44.85 0.37 0.00	37.13 0.29 0.00	38.22 0.07 0.00
ONEIDA___115KV_TB4 55905	42.04 1.09 0.00	42.77 1.06 0.00	37.13 0.96 0.00	35.22 0.88 0.00	35.47 0.92 0.00	38.17 0.95 0.00	58.36 1.73 0.00	57.47 1.50 0.00	57.77 1.19 0.00	46.91 1.29 0.00	42.54 1.32 0.00	36.06 1.18 0.00	36.50 0.91 0.00	36.94 0.95 0.00	35.63 0.90 0.00	35.26 0.84 0.00	37.43 0.93 0.00	50.07 1.26 0.00	52.44 1.18 0.00	48.10 1.05 0.00	49.89 1.06 0.00	45.35 0.88 0.00	37.50 0.65 0.00	38.72 0.58 0.00
ONONDAGA_REF_OCCRA 23987	40.68 -0.28 0.00	41.33 -0.37 0.00	35.80 -0.37 0.00	35.00 -0.41 -1.07	34.17 -0.38 0.00	37.53 -0.39 -0.71	56.25 -0.44 -0.06	55.67 -0.31 0.00	56.29 -0.30 0.00	45.46 -0.15 0.00	41.16 -0.06 0.00	34.89 0.01 0.00	35.61 0.02 0.00	36.01 0.02 0.00	34.71 -0.02 0.00	34.33 -0.09 0.00	36.43 -0.07 0.00	48.71 -0.11 0.00	51.20 -0.06 0.00	46.98 -0.06 0.00	48.75 -0.09 0.00	44.28 -0.20 0.00	36.64 -0.20 0.00	38.00 -0.14 0.00
ONONDAGA___COGEN 23986	40.57 -0.38 0.00	41.23 -0.48 0.00	35.70 -0.47 0.00	33.85 -0.49 0.00	34.09 -0.46 0.00	36.74 -0.47 0.00	56.05 -0.58 0.00	55.49 -0.48 0.00	56.11 -0.48 0.00	45.29 -0.32 0.00	41.02 -0.20 0.00	34.77 -0.11 0.00	35.48 -0.11 0.00	35.88 -0.11 0.00	34.58 -0.16 0.00	34.23 -0.20 0.00	36.30 -0.20 0.00	48.54 -0.27 0.00	51.04 -0.22 0.00	46.84 -0.21 0.00	48.59 -0.24 0.00	44.13 -0.34 0.00	36.53 -0.31 0.00	37.91 -0.23 0.00
ONTARIO___LFGE 23819	40.61 -0.34 0.00	41.02 -0.68 0.00	35.40 -0.77 0.00	28.85 -1.03 4.46	33.98 -0.85 -0.27	35.84 -0.86 0.51	62.74 -0.84 -6.96	63.84 -0.53 -8.40	62.97 -0.58 -6.97	49.55 -0.41 -4.35	46.38 -0.14 -5.30	40.33 -0.02 -5.47	42.18 -0.10 -6.69	41.27 -0.07 -5.35	40.94 -0.35 -6.56	36.04 -0.49 -2.11	40.27 -0.54 -4.32	54.40 -0.72 -6.31	59.11 -0.55 -8.39	54.96 -0.31 -8.22	56.68 -0.44 -8.29	50.16 -0.65 -6.33	36.75 -0.43 -0.34	38.78 -0.35 -0.99
ORANGEVILLE_WT_PWR 323706	39.28 -1.68 0.00	39.25 -2.45 0.00	33.66 -2.52 0.00	25.25 -3.06 6.03	28.07 -3.03 3.45	-2.02 -3.20 36.04	-10.61 -4.82 62.42	-17.68 -4.57 69.08	-14.59 -4.64 66.54	-12.25 -3.45 54.42	-14.39 -2.92 52.69	-15.64 -2.39 48.12	-18.64 -2.36 51.87	-7.82 -2.18 41.63	-17.63 -2.48 49.89	8.98 -2.87 22.57	0.57 -3.02 32.91	-3.44 -4.17 48.09	-16.54 -3.81 63.99	-18.90 -3.29 62.66	-17.88 -3.45 63.27	-8.67 -3.38 49.77	30.09 -2.72 4.04	23.72 -2.43 11.99
ORANGEVILLE___ESR 323794	39.28 -1.68 0.00	39.25 -2.45 0.00	33.66 -2.52 0.00	25.25 -3.06 6.03	28.07 -3.03 3.45	-2.02 -3.20 36.04	-10.61 -4.82 62.42	-17.68 -4.57 69.08	-14.59 -4.64 66.54	-12.25 -3.45 54.42	-14.39 -2.92 52.69	-15.64 -2.39 48.12	-18.64 -2.36 51.87	-7.82 -2.18 41.63	-17.63 -2.48 49.89	8.98 -2.87 22.57	0.57 -3.02 32.91	-3.44 -4.17 48.09	-16.54 -3.81 63.99	-18.90 -3.29 62.66	-17.88 -3.45 63.27	-8.67 -3.38 49.77	30.09 -2.72 4.04	23.72 -2.43 11.99
OSWEGATCHIE___HYD 24044	42.31 1.36 0.00	43.08 1.37 0.00	37.46 1.29 0.00	35.59 1.26 0.00	35.84 1.29 0.00	38.54 1.33 0.00	58.86 2.23 0.00	57.16 1.19 0.00	57.02 0.44 0.00	46.20 0.59 0.00	41.80 0.59 0.00	35.32 0.44 0.00	35.64 0.05 0.00	35.97 -0.03 0.00	34.64 -0.10 0.00	34.41 -0.02 0.00	36.29 -0.21 0.00	47.32 -0.52 0.98	42.52 -0.60 8.14	38.84 -0.51 7.69	48.27 -0.40 0.16	44.47 -0.01 0.00	36.92 0.07 0.00	37.88 -0.27 0.00
OSWEGO___5 23606	39.91 -1.04 0.00	40.59 -1.12 0.00	35.17 -1.00 0.00	33.34 -0.99 0.00	33.57 -0.98 0.00	36.17 -1.04 0.00	55.09 -1.54 0.00	54.52 -1.45 0.00	55.13 -1.46 0.00	44.49 -1.12 0.00	40.27 -0.95 0.00	34.11 -0.77 0.00	34.80 -0.79 0.00	35.20 -0.79 0.00	33.93 -0.81 0.00	33.58 -0.84 0.00	35.62 -0.88 0.00	47.61 -1.20 0.00	50.04 -1.22 0.00	45.94 -1.10 0.00	47.66 -1.17 0.00	43.34 -1.14 0.00	35.91 -0.94 0.00	37.28 -0.86 0.00
OSWEGO___6 23613	39.91 -1.04 0.00	40.59 -1.12 0.00	35.17 -1.00 0.00	33.34 -0.99 0.00	33.57 -0.98 0.00	36.17 -1.04 0.00	55.09 -1.54 0.00	54.52 -1.45 0.00	55.13 -1.46 0.00	44.49 -1.12 0.00	40.27 -0.95 0.00	34.11 -0.77 0.00	34.80 -0.79 0.00	35.20 -0.79 0.00	33.93 -0.81 0.00	33.58 -0.84 0.00	35.62 -0.88 0.00	47.61 -1.20 0.00	50.04 -1.22 0.00	45.94 -1.10 0.00	47.66 -1.17 0.00	43.34 -1.14 0.00	35.91 -0.94 0.00	37.28 -0.86 0.00

OUTOKUMPU-AB___DRP 24206	39.39 -1.56 0.00	39.60 -2.10 0.00	34.20 -1.97 0.00	28.44 -2.15 3.74	32.55 -2.00 0.00	32.96 -1.96 2.29	41.44 -3.25 11.94	37.64 -3.19 15.14	44.75 -2.92 8.92	43.19 -2.03 0.40	33.64 -1.69 5.90	24.78 -1.44 8.65	22.51 -1.48 11.60	26.54 -1.16 8.29	22.61 -1.52 10.61	31.50 -1.88 1.05	27.37 -2.11 7.02	35.43 -3.12 10.26	34.82 -2.79 13.65	31.46 -2.22 13.36	32.96 -2.39 13.49	32.41 -2.33 9.73	34.98 -1.84 0.03	36.71 -1.44 0.00
OXBOW___BTM 323836	38.34 -1.91 0.70	38.87 -2.44 0.39	33.54 -2.25 0.39	27.85 -2.38 4.10	31.92 -2.23 0.39	32.36 -2.22 2.63	40.68 -3.66 12.30	36.08 -3.69 16.21	43.61 -3.51 9.47	42.48 -2.43 0.70	32.86 -1.86 6.50	24.05 -1.77 9.06	22.57 -1.79 11.24	26.54 -1.46 7.98	22.73 -1.79 10.22	31.21 -2.21 1.01	27.31 -2.42 6.76	35.38 -3.56 9.88	34.23 -3.26 13.77	30.81 -2.66 13.58	32.80 -2.81 13.22	32.39 -2.71 9.37	34.65 -2.17 0.03	36.38 -1.77 0.00
OXBOW___ 24026	39.03 -1.93 0.00	39.24 -2.46 0.00	33.91 -2.26 0.00	28.25 -2.39 3.69	32.30 -2.25 0.00	32.73 -2.22 2.26	41.24 -3.74 11.65	37.49 -3.72 14.77	44.42 -3.47 8.70	42.73 -2.50 0.39	33.39 -2.07 5.75	24.66 -1.78 8.44	22.53 -1.82 11.24	26.51 -1.50 7.98	22.68 -1.84 10.22	31.21 -2.21 1.01	27.30 -2.44 6.76	35.35 -3.59 9.88	34.81 -3.31 13.14	31.50 -2.68 12.87	32.98 -2.86 12.99	32.37 -2.73 9.37	34.65 -2.17 0.03	36.37 -1.78 0.00
OXY_CHEM_DSASP 323612	38.73 -2.23 0.00	38.95 -2.75 0.00	33.69 -2.48 0.00	28.12 -2.57 3.64	32.12 -2.43 0.00	32.55 -2.43 2.24	41.12 -4.16 11.36	37.38 -4.20 14.39	44.17 -3.93 8.48	42.31 -2.92 0.38	33.20 -2.42 5.61	24.58 -2.08 8.23	22.59 -2.13 10.87	26.52 -1.80 7.67	22.79 -2.13 9.82	30.96 -2.50 0.97	27.27 -2.73 6.50	35.31 -4.01 9.49	34.87 -3.76 12.63	31.58 -3.10 12.36	33.09 -3.27 12.48	32.40 -3.07 9.01	34.37 -2.45 0.02	36.09 -2.05 0.00
OZONE_PARK_ESR 323760	43.58 2.63 0.00	44.18 2.48 0.00	38.06 1.89 0.00	36.07 1.73 0.00	36.38 1.83 0.00	39.25 2.03 0.00	60.06 3.43 0.00	59.59 3.62 0.00	60.30 3.72 0.00	48.94 3.33 0.00	44.58 3.36 0.00	38.05 3.17 0.00	38.96 3.37 0.00	39.28 3.29 0.00	37.88 3.15 0.00	37.41 2.99 0.00	39.47 2.97 0.00	53.04 4.22 0.00	55.87 4.60 0.00	51.27 4.23 0.00	53.01 4.18 0.00	48.22 3.75 0.00	39.75 2.90 0.00	40.77 2.62 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	38.73 -2.23 0.00	38.95 -2.75 0.00	33.69 -2.48 0.00	28.12 -2.57 3.64	32.12 -2.43 0.00	32.55 -2.43 2.24	41.12 -4.16 11.36	37.38 -4.20 14.39	44.17 -3.93 8.48	42.31 -2.92 0.38	33.20 -2.42 5.61	24.58 -2.08 8.23	22.59 -2.13 10.87	26.52 -1.80 7.67	22.79 -2.13 9.82	30.96 -2.50 0.97	27.27 -2.73 6.50	35.31 -4.01 9.49	34.87 -3.76 12.63	31.58 -3.10 12.36	33.09 -3.27 12.48	32.40 -3.07 9.01	34.37 -2.45 0.02	36.09 -2.05 0.00
PACKARD__115KV_DUPONT_184 80571	38.04 -2.22 0.70	38.58 -2.73 0.40	33.31 -2.47 0.39	27.72 -2.56 4.05	31.73 -2.42 0.39	32.17 -2.44 2.60	40.57 -4.06 12.01	35.95 -4.18 15.84	43.35 -3.99 9.25	42.08 -2.85 0.69	32.67 -2.19 6.36	23.96 -2.07 8.85	22.63 -2.09 10.87	26.56 -1.76 7.67	22.85 -2.07 9.82	30.95 -2.51 0.97	27.28 -2.72 6.50	35.35 -3.97 9.49	34.29 -3.72 13.25	30.92 -3.05 13.07	32.90 -3.22 12.71	32.41 -3.05 9.01	34.37 -2.45 0.02	36.10 -2.05 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	43.13 2.17 0.00	43.74 2.04 0.00	37.76 1.59 0.00	35.85 1.52 0.00	36.08 1.53 0.00	38.96 1.75 0.00	59.49 2.86 0.00	58.94 2.97 0.00	59.67 3.08 0.00	48.38 2.77 0.00	44.04 2.82 0.00	37.62 2.75 0.00	38.50 2.91 0.00	38.79 2.80 0.00	37.48 2.74 0.00	36.97 2.55 0.00	38.98 2.48 0.00	52.39 3.57 0.00	55.18 3.91 0.00	50.67 3.63 0.00	52.37 3.54 0.00	47.66 3.19 0.00	39.33 2.49 0.00	40.32 2.17 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	43.91 2.95 0.00	44.52 2.82 0.00	38.52 2.34 0.00	36.57 2.23 0.00	36.82 2.27 0.00	39.79 2.58 0.00	60.80 4.18 0.00	60.19 4.22 0.00	60.84 4.26 0.00	49.28 3.67 0.00	44.86 3.64 0.00	38.33 3.45 0.00	39.16 3.57 0.00	39.51 3.52 0.00	38.16 3.42 0.00	37.63 3.21 0.00	39.66 3.16 0.00	53.29 4.48 0.00	56.18 4.91 0.00	51.60 4.56 0.00	53.31 4.47 0.00	48.53 4.05 0.00	40.07 3.23 0.00	41.02 2.87 0.00
PATROON__115KV_TB1 80586	41.31 0.35 0.00	42.11 0.40 0.00	36.60 0.43 0.00	34.76 0.43 0.00	34.96 0.41 0.00	37.53 0.32 0.00	56.96 0.33 0.00	56.34 0.36 0.00	56.97 0.39 0.00	45.91 0.30 0.00	41.43 0.21 0.00	35.18 0.31 0.00	36.06 0.47 0.00	36.43 0.44 0.00	35.29 0.56 0.00	35.04 0.62 0.00	37.30 0.80 0.00	49.82 1.00 0.00	52.15 0.88 0.00	47.76 0.71 0.00	49.58 0.74 0.00	45.20 0.73 0.00	37.51 0.67 0.00	38.88 0.73 0.00
PATTRSNVILLE___SOLAR 323815	42.01 1.05 0.00	42.76 1.06 0.00	37.05 0.88 0.00	35.16 0.82 0.00	35.37 0.82 0.00	38.04 0.83 0.00	57.97 1.35 0.00	57.34 1.37 0.00	57.88 1.29 0.00	46.58 0.97 0.00	42.01 0.79 0.00	35.51 0.63 0.00	36.27 0.68 0.00	36.63 0.64 0.00	35.34 0.61 0.00	35.11 0.69 0.00	37.49 0.99 0.00	50.31 1.50 0.00	52.76 1.50 0.00	48.35 1.31 0.00	50.18 1.35 0.00	45.71 1.24 0.00	37.84 1.00 0.00	39.07 0.92 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	39.54 -1.42 0.00	39.75 -1.95 0.00	34.29 -1.88 0.00	27.96 -2.13 4.24	32.59 -1.96 0.00	32.60 -2.00 2.62	41.45 -3.12 12.06	37.85 -2.87 15.25	44.93 -2.67 8.99	43.38 -1.83 0.40	33.75 -1.52 5.94	24.91 -1.25 8.72	22.53 -1.35 11.72	26.58 -1.03 8.39	22.60 -1.40 10.73	31.69 -1.68 1.06	27.47 -1.92 7.10	35.69 -2.75 10.38	35.23 -2.22 13.81	31.77 -1.75 13.52	33.15 -2.04 13.65	32.53 -2.09 9.85	35.14 -1.68 0.03	36.83 -1.31 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	43.24 2.28 0.00	43.87 2.17 0.00	37.81 1.64 0.00	35.83 1.50 0.00	36.12 1.57 0.00	38.94 1.73 0.00	59.56 2.93 0.00	59.09 3.12 0.00	59.75 3.17 0.00	48.37 2.76 0.00	44.05 2.83 0.00	37.57 2.70 0.00	38.46 2.87 0.00	38.82 2.83 0.00	37.44 2.70 0.00	37.00 2.57 0.00	39.13 2.63 0.00	52.53 3.72 0.00	55.31 4.05 0.00	50.71 3.67 0.00	52.48 3.65 0.00	47.77 3.29 0.00	39.38 2.53 0.00	40.43 2.29 0.00
PEEKSKILL___ 23653	42.92 1.96 0.00	43.55 1.84 0.00	37.52 1.35 0.00	35.58 1.24 0.00	35.87 1.32 0.00	38.66 1.45 0.00	59.09 2.46 0.00	58.62 2.64 0.00	59.27 2.68 0.00	47.97 2.36 0.00	43.64 2.42 0.00	37.26 2.39 0.00	38.17 2.58 0.00	38.53 2.54 0.00	37.16 2.43 0.00	36.71 2.28 0.00	38.79 2.30 0.00	52.11 3.29 0.00	54.91 3.65 0.00	50.33 3.28 0.00	52.05 3.22 0.00	47.38 2.90 0.00	39.06 2.21 0.00	40.12 1.98 0.00
PGE MADISON___WINDPWR 24146	43.35 2.39 0.00	43.86 2.16 0.00	37.85 1.68 0.00	40.92 1.40 -5.18	35.22 0.81 0.13	40.39 1.01 -2.17	60.30 1.77 -1.90	59.96 1.47 -2.51	57.91 0.84 -0.49	45.29 1.63 1.95	42.69 1.48 0.01	37.25 1.27 -1.10	39.22 1.21 -2.42	39.00 1.18 -1.83	38.16 1.01 -2.42	34.99 0.87 0.31	39.09 1.02 -1.56	52.48 1.38 -2.28	55.98 1.67 -3.04	51.72 1.70 -2.98	53.51 1.67 -3.00	47.77 1.25 -2.04	37.59 0.86 0.11	38.56 0.78 0.36

PIERCEFIELD___HYD 23852	42.17 1.22 0.00	42.98 1.27 0.00	37.40 1.23 0.00	35.62 1.29 0.00	35.87 1.31 0.00	38.71 1.49 0.00	58.79 2.16 0.00	57.74 1.77 0.00	58.14 1.56 0.00	46.91 1.30 0.00	42.39 1.17 0.00	35.62 0.74 0.00	36.08 0.49 0.00	36.49 0.50 0.00	35.17 0.43 0.00	34.92 0.50 0.00	36.75 0.25 0.00	47.40 0.03 1.44	39.17 -0.08 12.01	35.71 0.02 11.35	48.84 0.25 0.24	45.09 0.61 0.00	37.49 0.65 0.00	38.66 0.52 0.00
PINELAWN_CC_1 323563	43.16 2.21 0.00	43.56 1.87 0.02	37.47 1.29 0.00	35.57 1.24 0.00	35.84 1.29 0.00	38.65 1.44 0.00	58.34 2.12 0.41	29.02 2.32 29.27	30.19 2.34 28.74	42.62 2.19 5.19	44.04 2.70 -0.12	44.79 2.76 -7.15	40.85 2.95 -2.31	44.00 2.91 -5.10	38.23 2.64 -0.86	29.13 1.97 7.26	28.09 2.06 10.47	49.24 3.24 2.82	54.96 3.69 0.00	50.36 3.31 0.00	66.85 3.81 -14.20	47.76 3.29 0.00	39.15 2.30 0.00	39.40 1.91 0.65
PJM_GEN_HTTP_PROXY 323702	43.20 2.25 0.00	43.81 2.10 0.00	37.76 1.58 0.00	35.79 1.46 0.00	36.09 1.53 0.00	38.93 1.72 0.00	59.51 2.88 0.00	59.00 3.03 0.00	59.69 3.11 0.00	48.44 2.83 0.00	44.10 2.88 0.00	37.67 2.79 0.00	38.56 2.97 0.00	38.91 2.91 0.00	37.51 2.77 0.00	37.05 2.63 0.00	39.09 2.59 0.00	52.51 3.70 0.00	55.32 4.05 0.00	50.76 3.71 0.00	52.47 3.64 0.00	47.74 3.26 0.00	39.37 2.52 0.00	40.38 2.24 0.00
PJM_GEN_KEystone 24065	40.01 -0.05 0.90	40.83 -0.36 0.51	35.14 -0.53 0.49	30.57 -0.75 3.01	33.36 -0.54 0.65	33.23 -0.60 3.38	51.79 -0.68 4.17	50.08 -0.38 5.51	51.93 -0.47 4.18	42.70 -0.26 2.65	37.88 0.10 3.44	31.93 0.30 3.25	33.46 0.40 2.54	34.78 0.56 1.77	32.85 0.28 2.16	33.64 0.01 0.80	35.08 -0.02 1.40	46.79 0.09 2.11	48.19 0.58 3.65	43.92 0.58 3.70	46.16 0.40 3.08	42.50 0.16 2.14	36.76 0.05 0.14	37.78 0.03 0.40
PJM_GEN_NEPTUNE_PROXY 323594	42.92 1.97 0.01	43.36 1.66 0.00	37.32 1.15 0.00	35.43 1.10 0.00	35.70 1.15 0.00	38.48 1.27 0.00	57.97 1.84 0.50	22.34 2.01 35.64	23.75 2.02 34.85	40.88 1.94 6.67	43.65 2.43 0.00	43.57 2.53 -6.16	39.86 2.80 -1.48	39.58 2.72 -0.87	37.59 2.44 -0.41	26.92 1.87 9.37	24.92 1.89 13.47	48.30 2.95 3.47	54.60 3.34 0.00	50.03 2.99 0.00	65.12 3.38 -12.91	47.39 2.91 0.00	38.92 2.07 0.00	38.89 1.70 0.96
PJM_GEN_VFT_PROXY 323633	39.65 2.10 3.41	39.61 1.97 4.06	37.65 1.48 0.00	35.67 1.34 0.00	35.96 1.41 0.00	38.79 1.58 0.00	59.30 2.67 0.00	58.84 2.86 0.00	47.09 2.94 12.43	48.28 2.67 0.00	38.90 2.73 5.05	37.28 2.66 0.26	37.70 2.87 0.75	37.97 2.79 0.81	37.41 2.68 0.00	36.96 2.54 0.00	39.00 2.50 0.00	43.73 3.58 8.67	41.20 3.92 13.98	48.05 3.61 2.60	46.18 3.51 6.17	44.15 3.16 3.48	39.28 2.44 0.00	39.81 2.14 0.48
PLATSBURG_115KV_PMLD1 355749	40.87 -0.09 0.00	41.88 0.18 0.00	36.61 0.44 0.00	34.96 0.63 0.00	35.24 0.69 0.00	38.17 0.96 0.00	58.15 1.52 0.00	57.16 1.19 0.00	57.90 1.32 0.00	46.44 0.82 0.00	41.45 0.23 0.00	34.62 -0.25 0.00	34.93 -0.66 0.00	35.29 -0.70 0.00	34.03 -0.70 0.00	33.74 -0.69 0.00	35.63 -0.87 0.00	38.75 -1.33 8.73	-23.08 -1.57 72.78	-23.11 -1.38 68.77	46.37 -1.02 1.45	43.84 -0.63 0.00	36.46 -0.38 0.00	37.62 -0.52 0.00
PLEASANTVLY___LBMP 24000	42.66 1.71 0.00	43.33 1.63 0.00	37.38 1.21 0.00	35.44 1.10 0.00	35.71 1.16 0.00	38.48 1.26 0.00	58.73 2.10 0.00	58.18 2.21 0.00	58.84 2.25 0.00	47.64 2.03 0.00	43.36 2.14 0.00	36.97 2.09 0.00	37.86 2.27 0.00	38.22 2.23 0.00	36.88 2.14 0.00	36.45 2.02 0.00	38.54 2.04 0.00	51.70 2.89 0.00	54.41 3.15 0.00	49.90 2.85 0.00	51.66 2.83 0.00	47.04 2.56 0.00	38.82 1.98 0.00	39.90 1.76 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	43.01 2.06 0.00	43.65 1.95 0.00	37.66 1.49 0.00	35.69 1.36 0.00	35.98 1.43 0.00	38.79 1.57 0.00	59.26 2.63 0.00	58.73 2.76 0.00	59.39 2.81 0.00	48.13 2.52 0.00	43.85 2.63 0.00	37.42 2.54 0.00	38.32 2.73 0.00	38.67 2.68 0.00	37.30 2.56 0.00	36.84 2.42 0.00	38.91 2.41 0.00	52.24 3.42 0.00	55.02 3.76 0.00	50.46 3.42 0.00	52.22 3.38 0.00	47.51 3.04 0.00	39.18 2.34 0.00	40.23 2.09 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	43.01 2.06 0.00	43.65 1.95 0.00	37.66 1.49 0.00	35.69 1.36 0.00	35.98 1.43 0.00	38.79 1.57 0.00	59.26 2.63 0.00	58.73 2.76 0.00	59.39 2.81 0.00	48.13 2.52 0.00	43.85 2.63 0.00	37.42 2.54 0.00	38.32 2.73 0.00	38.67 2.68 0.00	37.30 2.56 0.00	36.84 2.42 0.00	38.91 2.41 0.00	52.24 3.42 0.00	55.02 3.76 0.00	50.46 3.42 0.00	52.22 3.38 0.00	47.51 3.04 0.00	39.18 2.34 0.00	40.23 2.09 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	42.92 1.97 0.00	43.59 1.88 0.00	37.61 1.44 0.00	35.66 1.32 0.00	35.92 1.37 0.00	38.72 1.51 0.00	59.12 2.49 0.00	58.69 2.72 0.00	59.28 2.69 0.00	47.93 2.32 0.00	43.61 2.39 0.00	37.26 2.38 0.00	38.19 2.60 0.00	38.56 2.57 0.00	37.21 2.48 0.00	36.78 2.35 0.00	38.94 2.44 0.00	52.24 3.42 0.00	54.98 3.72 0.00	50.42 3.37 0.00	52.19 3.35 0.00	47.50 3.03 0.00	39.18 2.33 0.00	40.25 2.11 0.00
POLETTI_____ 23519	43.25 2.29 0.00	43.85 2.14 0.00	37.80 1.63 0.00	35.83 1.49 0.00	36.13 1.58 0.00	38.97 1.76 0.00	59.59 2.95 0.00	59.07 3.10 0.00	59.77 3.19 0.00	48.51 2.90 0.00	44.20 2.98 0.00	37.73 2.86 0.00	38.63 3.04 0.00	38.96 2.97 0.00	37.58 2.84 0.00	37.12 2.69 0.00	39.15 2.66 0.00	52.60 3.78 0.00	55.39 4.12 0.00	50.83 3.79 0.00	52.54 3.71 0.00	47.81 3.33 0.00	39.41 2.57 0.00	40.44 2.29 0.00
POMONA___ESR 323819	43.00 2.05 0.00	43.64 1.94 0.00	37.59 1.42 0.00	35.63 1.30 0.00	35.94 1.38 0.00	38.74 1.53 0.00	59.36 2.73 0.00	58.92 2.95 0.00	59.57 2.99 0.00	48.15 2.54 0.00	43.72 2.50 0.00	37.32 2.45 0.00	38.25 2.66 0.00	38.61 2.62 0.00	37.24 2.50 0.00	36.80 2.37 0.00	38.90 2.40 0.00	52.26 3.45 0.00	55.09 3.82 0.00	50.47 3.43 0.00	52.18 3.35 0.00	47.50 3.02 0.00	39.14 2.29 0.00	40.21 2.07 0.00
PORT_JEFF_3 23555	42.69 1.74 0.02	42.74 1.40 0.36	37.09 0.92 0.00	35.25 0.92 0.00	35.51 0.96 0.00	38.31 1.10 0.00	57.69 1.53 0.47	24.02 1.79 33.75	25.40 1.87 33.05	41.13 1.70 6.18	43.46 2.20 -0.04	43.80 2.44 -6.49	40.17 2.83 -1.75	40.93 2.69 -2.25	37.64 2.34 -0.56	27.48 1.73 8.68	25.79 1.77 12.48	48.39 2.83 3.25	54.52 3.26 0.00	49.94 2.90 0.00	65.65 3.48 -13.34	47.43 2.95 0.00	38.84 1.99 0.00	38.84 1.55 0.86
PORT_JEFF_4 23616	42.69 1.74 0.02	42.74 1.40 0.36	37.09 0.92 0.00	35.25 0.92 0.00	35.51 0.96 0.00	38.31 1.10 0.00	57.69 1.53 0.47	24.02 1.79 33.75	25.40 1.87 33.05	41.13 1.70 6.18	43.46 2.20 -0.04	43.80 2.44 -6.49	40.17 2.83 -1.75	40.93 2.69 -2.25	37.64 2.34 -0.56	27.48 1.73 8.68	25.79 1.77 12.48	48.39 2.83 3.25	54.52 3.26 0.00	49.94 2.90 0.00	65.65 3.48 -13.34	47.43 2.95 0.00	38.84 1.99 0.00	38.84 1.55 0.86

PORT_JEFF_IC 23713	42.73 1.79 0.02	42.76 1.44 0.38	37.14 0.96 0.00	35.28 0.95 0.00	35.54 1.00 0.00	38.34 1.13 0.00	57.75 1.59 0.46	24.34 1.88 33.51	25.71 1.95 32.83	41.21 1.74 6.14	43.60 2.33 -0.04	43.88 2.48 -6.52	40.25 2.88 -1.77	41.10 2.74 -2.37	37.70 2.39 -0.57	27.59 1.78 8.61	25.94 1.83 12.39	48.47 2.89 3.23	54.60 3.34 0.00	50.02 2.98 0.00	65.77 3.56 -13.38	47.49 3.02 0.00	38.89 2.04 0.00	38.90 1.60 0.85
PPL PILGRIM_ST_GT1 24216	43.26 2.31 0.01	43.59 1.92 0.03	37.46 1.29 0.00	35.56 1.22 0.00	35.82 1.27 0.00	38.64 1.43 0.00	58.32 2.14 0.45	25.84 2.27 32.40	27.15 2.31 31.75	41.85 2.17 5.93	43.93 2.64 -0.06	44.33 2.80 -6.66	40.54 3.06 -1.89	41.98 3.01 -2.98	38.04 2.67 -0.63	28.09 1.98 8.32	26.58 2.05 11.97	48.96 3.29 3.14	54.99 3.73 0.00	50.39 3.34 0.00	66.39 4.00 -13.56	47.91 3.44 0.00	39.20 2.36 0.00	39.34 1.99 0.80
PPL PILGRIM_ST_GT2 24217	43.26 2.31 0.01	43.59 1.92 0.03	37.46 1.29 0.00	35.56 1.22 0.00	35.82 1.27 0.00	38.64 1.43 0.00	58.32 2.14 0.45	25.84 2.27 32.40	27.15 2.31 31.75	41.85 2.17 5.93	43.93 2.64 -0.06	44.33 2.80 -6.66	40.54 3.06 -1.89	41.98 3.01 -2.98	38.04 2.67 -0.63	28.09 1.98 8.32	26.58 2.05 11.97	48.96 3.29 3.14	54.99 3.73 0.00	50.39 3.34 0.00	66.39 4.00 -13.56	47.91 3.44 0.00	39.20 2.36 0.00	39.34 1.99 0.80
PPL_SHRM_GT3 24213	42.25 1.31 0.02	29.79 0.90 12.81	-2.77 0.47 39.41	17.67 0.57 17.23	17.89 0.60 17.26	36.55 0.75 1.41	54.76 1.02 2.88	23.66 1.31 33.63	25.04 1.39 32.94	40.76 1.30 6.16	23.75 1.71 19.17	24.32 2.08 12.64	38.12 2.54 0.01	32.08 2.33 6.25	36.77 2.01 -0.03	27.22 1.44 8.64	25.54 1.47 12.43	41.44 2.42 9.78	43.18 2.82 10.90	44.29 2.51 5.26	61.47 3.07 -9.56	46.82 2.55 0.20	37.35 1.65 1.15	38.49 1.20 0.85
PPL_SHRM_GT4 24214	42.25 1.31 0.02	29.79 0.90 12.81	-2.77 0.47 39.41	17.67 0.57 17.23	17.89 0.60 17.26	36.55 0.75 1.41	54.76 1.02 2.88	23.66 1.31 33.63	25.04 1.39 32.94	40.76 1.30 6.16	23.75 1.71 19.17	24.32 2.08 12.64	38.12 2.54 0.01	32.08 2.33 6.25	36.77 2.01 -0.03	27.22 1.44 8.64	25.54 1.47 12.43	41.44 2.42 9.78	43.18 2.82 10.90	44.29 2.51 5.26	61.47 3.07 -9.56	46.82 2.55 0.20	37.35 1.65 1.15	38.49 1.20 0.85
PROJECT___ORANGE 1 24174	40.37 -0.58 0.00	41.02 -0.68 0.00	35.54 -0.64 0.00	33.68 -0.65 0.00	33.92 -0.63 0.00	36.56 -0.65 0.00	55.74 -0.90 0.00	55.21 -0.76 0.00	55.85 -0.73 0.00	45.11 -0.50 0.00	40.83 -0.39 0.00	34.61 -0.26 0.00	35.35 -0.24 0.00	35.74 -0.26 0.00	34.44 -0.29 0.00	34.08 -0.35 0.00	36.14 -0.36 0.00	48.32 -0.50 0.00	50.79 -0.47 0.00	46.60 -0.44 0.00	48.34 -0.50 0.00	43.93 -0.55 0.00	36.36 -0.48 0.00	37.74 -0.41 0.00
PROJECT___ORANGE 2 24166	40.37 -0.58 0.00	41.02 -0.68 0.00	35.54 -0.64 0.00	33.68 -0.65 0.00	33.92 -0.63 0.00	36.56 -0.65 0.00	55.74 -0.90 0.00	55.21 -0.76 0.00	55.85 -0.73 0.00	45.11 -0.50 0.00	40.83 -0.39 0.00	34.61 -0.26 0.00	35.35 -0.24 0.00	35.74 -0.26 0.00	34.44 -0.29 0.00	34.08 -0.35 0.00	36.14 -0.36 0.00	48.32 -0.50 0.00	50.79 -0.47 0.00	46.60 -0.44 0.00	48.34 -0.50 0.00	43.93 -0.55 0.00	36.36 -0.48 0.00	37.74 -0.41 0.00
PUCKETT___SOLAR 323809	41.88 0.59 -0.33	42.29 0.40 -0.19	36.61 0.26 -0.18	33.94 0.07 0.46	34.41 -0.07 0.07	34.41 -0.09 2.71	56.04 0.11 0.70	56.51 0.28 -0.26	54.83 0.07 1.82	42.12 0.31 3.81	39.84 0.37 1.75	34.71 0.43 0.60	37.13 0.50 -1.03	37.74 0.56 -1.19	36.08 0.33 -1.01	33.63 0.23 1.03	36.81 0.31 0.00	49.26 0.45 0.00	52.24 0.68 -0.29	47.86 0.48 -0.33	49.35 0.41 -0.11	44.44 0.20 0.24	36.70 0.08 0.23	37.51 0.06 0.70
PYRITES___HYD 24023	42.74 1.79 0.00	43.55 1.85 0.00	37.91 1.73 0.00	36.10 1.77 0.00	36.36 1.81 0.00	39.26 2.04 0.00	59.77 3.14 0.00	58.73 2.76 0.00	59.12 2.53 0.00	47.80 2.19 0.00	43.15 1.93 0.00	36.22 1.34 0.00	36.70 1.11 0.00	37.14 1.14 0.00	35.79 1.06 0.00	35.55 1.12 0.00	37.49 0.99 0.00	48.70 1.18 1.29	41.73 1.17 10.71	38.12 1.19 10.12	50.03 1.40 0.21	46.02 1.55 0.00	38.18 1.34 0.00	39.35 1.21 0.00
QUAKERRD_115KV_BK1 80622	39.34 -1.61 0.00	39.84 -1.86 0.00	34.48 -1.69 0.00	30.77 -1.70 1.86	33.06 -1.63 -0.14	35.66 -1.62 -0.06	54.61 -2.44 -0.42	53.96 -2.24 -0.22	55.64 -2.11 -1.16	46.19 -1.53 -2.11	41.03 -1.31 -1.12	34.24 -1.11 -0.47	34.32 -1.27 0.00	34.89 -1.21 -0.10	33.39 -1.34 0.00	33.73 -1.44 -0.74	34.91 -1.59 0.00	46.51 -2.31 0.00	49.01 -2.25 0.00	45.11 -1.93 0.00	46.75 -2.08 0.00	42.66 -1.99 -0.17	35.40 -1.60 -0.16	37.19 -1.46 -0.50
QUENSBRY_115KV_TB8 356137	42.51 1.55 0.00	43.15 1.45 0.00	37.51 1.34 0.00	35.60 1.27 0.00	35.97 1.42 0.00	38.68 1.47 0.00	58.89 2.26 0.00	58.05 2.08 0.00	58.83 2.25 0.00	47.28 1.67 0.00	42.56 1.34 0.00	35.95 1.07 0.00	36.78 1.19 0.00	37.36 1.37 0.00	36.12 1.39 0.00	35.96 1.53 0.00	38.35 1.85 0.00	51.13 2.31 0.00	53.18 1.92 0.00	48.76 1.71 0.00	50.86 2.02 0.00	46.43 1.96 0.00	38.59 1.74 0.00	39.68 1.53 0.00
RAMAPO___LBMP 323565	42.86 1.90 0.00	43.50 1.80 0.00	37.48 1.31 0.00	35.51 1.18 0.00	35.82 1.27 0.00	38.60 1.39 0.00	59.01 2.38 0.00	58.56 2.58 0.00	59.17 2.59 0.00	47.85 2.24 0.00	43.56 2.34 0.00	37.16 2.29 0.00	38.09 2.50 0.00	38.44 2.45 0.00	37.08 2.35 0.00	36.63 2.21 0.00	38.73 2.23 0.00	52.05 3.24 0.00	54.87 3.61 0.00	50.27 3.23 0.00	51.97 3.14 0.00	47.32 2.85 0.00	39.00 2.15 0.00	40.07 1.92 0.00
RANKINE____ 23646	39.47 -1.48 0.00	39.67 -2.03 0.00	34.21 -1.96 0.00	27.96 -2.23 4.14	32.47 -2.08 0.00	32.55 -2.13 2.53	39.42 -3.41 13.80	35.25 -3.21 17.51	43.25 -3.01 10.32	43.09 -2.06 0.46	32.63 -1.76 6.82	23.39 -1.47 10.01	20.50 -1.52 13.57	25.00 -1.21 9.78	20.65 -1.57 12.52	31.33 -1.87 1.23	26.10 -2.12 8.28	33.62 -3.10 12.10	32.47 -2.70 16.10	29.13 -2.16 15.76	30.56 -2.37 15.91	30.66 -2.33 11.48	35.01 -1.81 0.03	36.73 -1.41 0.00
RAVENSWOOD_GT2_1 24244	43.21 2.26 0.00	43.81 2.11 0.00	37.77 1.60 0.00	35.81 1.48 0.00	36.11 1.56 0.00	38.95 1.73 0.00	59.53 2.90 0.00	59.01 3.03 0.00	59.71 3.13 0.00	48.46 2.84 0.00	44.14 2.92 0.00	37.69 2.81 0.00	38.58 2.99 0.00	38.93 2.93 0.00	37.54 2.80 0.00	37.07 2.65 0.00	39.11 2.61 0.00	52.53 3.72 0.00	55.32 4.06 0.00	50.76 3.72 0.00	52.48 3.65 0.00	47.76 3.28 0.00	39.38 2.53 0.00	40.40 2.25 0.00
RAVENSWOOD_GT2_2 24245	43.21 2.26 0.00	43.81 2.11 0.00	37.77 1.60 0.00	35.81 1.48 0.00	36.11 1.56 0.00	38.95 1.73 0.00	59.53 2.90 0.00	59.01 3.03 0.00	59.71 3.13 0.00	48.46 2.84 0.00	44.14 2.92 0.00	37.69 2.81 0.00	38.58 2.99 0.00	38.93 2.93 0.00	37.54 2.80 0.00	37.07 2.65 0.00	39.11 2.61 0.00	52.53 3.72 0.00	55.32 4.06 0.00	50.76 3.72 0.00	52.48 3.65 0.00	47.76 3.28 0.00	39.38 2.53 0.00	40.40 2.25 0.00

RAVENSWOOD_GT2_3 24246	43.24 2.28 0.00	43.84 2.14 0.00	37.80 1.63 0.00	35.83 1.49 0.00	36.13 1.58 0.00	38.96 1.75 0.00	59.58 2.95 0.00	59.03 3.06 0.00	59.73 3.15 0.00	48.47 2.86 0.00	44.17 2.95 0.00	37.70 2.83 0.00	38.61 3.01 0.00	38.95 2.96 0.00	37.56 2.82 0.00	37.09 2.67 0.00	39.14 2.64 0.00	52.55 3.74 0.00	55.35 4.08 0.00	50.79 3.75 0.00	52.52 3.68 0.00	47.78 3.30 0.00	39.40 2.55 0.00	40.42 2.27 0.00
RAVENSWOOD_GT2_4 24247	43.24 2.28 0.00	43.84 2.14 0.00	37.80 1.63 0.00	35.83 1.49 0.00	36.13 1.58 0.00	38.96 1.75 0.00	59.58 2.95 0.00	59.03 3.06 0.00	59.73 3.15 0.00	48.47 2.86 0.00	44.17 2.95 0.00	37.70 2.83 0.00	38.61 3.01 0.00	38.95 2.96 0.00	37.56 2.82 0.00	37.09 2.67 0.00	39.14 2.64 0.00	52.55 3.74 0.00	55.35 4.08 0.00	50.79 3.75 0.00	52.52 3.68 0.00	47.78 3.30 0.00	39.40 2.55 0.00	40.42 2.27 0.00
RAVENSWOOD_GT3_1 24248	43.21 2.26 0.00	43.83 2.12 0.00	37.78 1.61 0.00	35.82 1.49 0.00	36.12 1.57 0.00	38.95 1.74 0.00	59.55 2.92 0.00	59.02 3.05 0.00	59.71 3.13 0.00	48.46 2.84 0.00	44.15 2.93 0.00	37.70 2.82 0.00	38.60 3.00 0.00	38.93 2.94 0.00	37.54 2.81 0.00	37.08 2.65 0.00	39.12 2.62 0.00	52.55 3.73 0.00	55.33 4.06 0.00	50.77 3.73 0.00	52.50 3.67 0.00	47.77 3.30 0.00	39.39 2.54 0.00	40.41 2.27 0.00
RAVENSWOOD_GT3_2 24249	43.21 2.26 0.00	43.83 2.12 0.00	37.78 1.61 0.00	35.82 1.49 0.00	36.12 1.57 0.00	38.95 1.74 0.00	59.55 2.92 0.00	59.02 3.05 0.00	59.71 3.13 0.00	48.46 2.84 0.00	44.15 2.93 0.00	37.70 2.82 0.00	38.60 3.00 0.00	38.93 2.94 0.00	37.54 2.81 0.00	37.08 2.65 0.00	39.12 2.62 0.00	52.55 3.73 0.00	55.33 4.06 0.00	50.77 3.73 0.00	52.50 3.67 0.00	47.77 3.30 0.00	39.39 2.54 0.00	40.41 2.27 0.00
RAVENSWOOD_GT3_3 24250	43.28 2.33 0.00	43.88 2.18 0.00	37.83 1.67 0.00	35.86 1.53 0.00	36.16 1.61 0.00	39.00 1.79 0.00	59.63 3.00 0.00	59.10 3.12 0.00	59.80 3.22 0.00	48.53 2.92 0.00	44.22 3.00 0.00	37.75 2.87 0.00	38.64 3.05 0.00	38.99 3.00 0.00	37.60 2.87 0.00	37.14 2.71 0.00	39.18 2.68 0.00	52.62 3.80 0.00	55.41 4.15 0.00	50.85 3.81 0.00	52.57 3.73 0.00	47.82 3.35 0.00	39.43 2.59 0.00	40.46 2.31 0.00
RAVENSWOOD_GT3_4 24251	43.28 2.33 0.00	43.88 2.18 0.00	37.83 1.67 0.00	35.86 1.53 0.00	36.16 1.61 0.00	39.00 1.79 0.00	59.63 3.00 0.00	59.10 3.12 0.00	59.80 3.22 0.00	48.53 2.92 0.00	44.22 3.00 0.00	37.75 2.87 0.00	38.64 3.05 0.00	38.99 3.00 0.00	37.60 2.87 0.00	37.14 2.71 0.00	39.18 2.68 0.00	52.62 3.80 0.00	55.41 4.15 0.00	50.85 3.81 0.00	52.57 3.73 0.00	47.82 3.35 0.00	39.43 2.59 0.00	40.46 2.31 0.00
RAVENSWOOD_GT_1 23729	43.19 2.24 0.00	43.78 2.07 0.00	37.75 1.58 0.00	35.81 1.48 0.00	36.10 1.55 0.00	38.95 1.73 0.00	59.51 2.88 0.00	58.91 2.94 0.00	59.62 3.04 0.00	48.44 2.82 0.00	44.15 2.93 0.00	37.72 2.84 0.00	38.60 3.01 0.00	38.92 2.93 0.00	37.56 2.83 0.00	37.09 2.67 0.00	39.10 2.60 0.00	52.50 3.69 0.00	55.25 3.98 0.00	50.74 3.70 0.00	52.45 3.61 0.00	47.74 3.26 0.00	39.36 2.52 0.00	40.37 2.22 0.00
RAVENSWOOD_GT_10 24258	43.22 2.27 0.00	43.83 2.12 0.00	37.79 1.62 0.00	35.82 1.49 0.00	36.12 1.57 0.00	38.96 1.74 0.00	59.55 2.92 0.00	59.02 3.05 0.00	59.71 3.13 0.00	48.46 2.84 0.00	44.15 2.93 0.00	37.70 2.82 0.00	38.60 3.01 0.00	38.93 2.94 0.00	37.54 2.81 0.00	37.08 2.65 0.00	39.13 2.62 0.00	52.55 3.73 0.00	55.33 4.06 0.00	50.78 3.73 0.00	52.50 3.67 0.00	47.78 3.30 0.00	39.39 2.55 0.00	40.41 2.27 0.00
RAVENSWOOD_GT_11 24259	43.22 2.27 0.00	43.83 2.12 0.00	37.79 1.62 0.00	35.82 1.49 0.00	36.12 1.57 0.00	38.96 1.74 0.00	59.55 2.92 0.00	59.02 3.05 0.00	59.71 3.13 0.00	48.46 2.84 0.00	44.15 2.93 0.00	37.70 2.82 0.00	38.60 3.01 0.00	38.93 2.94 0.00	37.54 2.81 0.00	37.08 2.65 0.00	39.13 2.62 0.00	52.55 3.73 0.00	55.33 4.06 0.00	50.78 3.73 0.00	52.50 3.67 0.00	47.78 3.30 0.00	39.39 2.55 0.00	40.41 2.27 0.00
RAVENSWOOD_GT_4 24252	43.19 2.24 0.00	43.79 2.09 0.00	37.76 1.59 0.00	35.80 1.47 0.00	36.10 1.55 0.00	38.94 1.72 0.00	59.51 2.88 0.00	58.96 2.99 0.00	59.66 3.08 0.00	48.43 2.81 0.00	44.13 2.91 0.00	37.68 2.80 0.00	38.58 2.99 0.00	38.92 2.92 0.00	37.53 2.80 0.00	37.06 2.64 0.00	39.10 2.60 0.00	52.51 3.69 0.00	55.28 4.02 0.00	50.75 3.70 0.00	52.46 3.63 0.00	47.74 3.26 0.00	39.36 2.51 0.00	40.38 2.23 0.00
RAVENSWOOD_GT_5 24254	43.19 2.24 0.00	43.79 2.09 0.00	37.76 1.59 0.00	35.80 1.47 0.00	36.10 1.55 0.00	38.94 1.72 0.00	59.51 2.88 0.00	58.96 2.99 0.00	59.66 3.08 0.00	48.43 2.81 0.00	44.13 2.91 0.00	37.68 2.80 0.00	38.58 2.99 0.00	38.92 2.92 0.00	37.53 2.80 0.00	37.06 2.64 0.00	39.10 2.60 0.00	52.51 3.69 0.00	55.28 4.02 0.00	50.75 3.70 0.00	52.46 3.63 0.00	47.74 3.26 0.00	39.36 2.51 0.00	40.38 2.23 0.00
RAVENSWOOD_GT_6 24253	43.19 2.24 0.00	43.79 2.09 0.00	37.76 1.59 0.00	35.80 1.47 0.00	36.10 1.55 0.00	38.94 1.72 0.00	59.51 2.88 0.00	58.96 2.99 0.00	59.66 3.08 0.00	48.43 2.81 0.00	44.13 2.91 0.00	37.68 2.80 0.00	38.58 2.99 0.00	38.92 2.92 0.00	37.53 2.80 0.00	37.06 2.64 0.00	39.10 2.60 0.00	52.51 3.69 0.00	55.28 4.02 0.00	50.75 3.70 0.00	52.46 3.63 0.00	47.74 3.26 0.00	39.36 2.51 0.00	40.38 2.23 0.00
RAVENSWOOD_GT_7 24255	43.19 2.24 0.00	43.79 2.09 0.00	37.76 1.59 0.00	35.80 1.47 0.00	36.10 1.55 0.00	38.94 1.72 0.00	59.51 2.88 0.00	58.96 2.99 0.00	59.66 3.08 0.00	48.43 2.81 0.00	44.13 2.91 0.00	37.68 2.80 0.00	38.58 2.99 0.00	38.92 2.92 0.00	37.53 2.80 0.00	37.06 2.64 0.00	39.10 2.60 0.00	52.51 3.69 0.00	55.28 4.02 0.00	50.75 3.70 0.00	52.46 3.63 0.00	47.74 3.26 0.00	39.36 2.51 0.00	40.38 2.23 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.22 2.27 0.00	43.83 2.12 0.00	37.79 1.62 0.00	35.82 1.49 0.00	36.12 1.57 0.00	38.96 1.74 0.00	59.55 2.92 0.00	59.02 3.05 0.00	59.71 3.13 0.00	48.46 2.84 0.00	44.15 2.93 0.00	37.70 2.82 0.00	38.60 3.01 0.00	38.93 2.94 0.00	37.54 2.81 0.00	37.08 2.65 0.00	39.13 2.62 0.00	52.55 3.73 0.00	55.33 4.06 0.00	50.78 3.73 0.00	52.50 3.67 0.00	47.78 3.30 0.00	39.39 2.55 0.00	40.41 2.27 0.00
RAVENSWOOD_GT_9 24257	43.22 2.27 0.00	43.83 2.12 0.00	37.79 1.62 0.00	35.82 1.49 0.00	36.12 1.57 0.00	38.96 1.74 0.00	59.55 2.92 0.00	59.02 3.05 0.00	59.71 3.13 0.00	48.46 2.84 0.00	44.15 2.93 0.00	37.70 2.82 0.00	38.60 3.01 0.00	38.93 2.94 0.00	37.54 2.81 0.00	37.08 2.65 0.00	39.13 2.62 0.00	52.55 3.73 0.00	55.33 4.06 0.00	50.78 3.73 0.00	52.50 3.67 0.00	47.78 3.30 0.00	39.39 2.55 0.00	40.41 2.27 0.00

RAVENSWOOD___1 23533	43.16 2.20 0.00	43.75 2.05 0.00	37.72 1.55 0.00	35.79 1.46 0.00	36.08 1.53 0.00	38.93 1.72 0.00	59.44 2.82 0.00	58.88 2.90 0.00	59.61 3.02 0.00	48.40 2.79 0.00	44.10 2.88 0.00	37.69 2.82 0.00	38.58 2.99 0.00	38.89 2.89 0.00	37.53 2.79 0.00	37.08 2.65 0.00	39.09 2.59 0.00	52.47 3.65 0.00	55.21 3.95 0.00	50.71 3.67 0.00	52.42 3.59 0.00	47.71 3.24 0.00	39.35 2.51 0.00	40.34 2.20 0.00
RAVENSWOOD___2 23534	43.14 2.18 0.00	43.74 2.03 0.00	37.71 1.54 0.00	35.77 1.44 0.00	36.06 1.51 0.00	38.91 1.70 0.00	59.42 2.79 0.00	58.85 2.88 0.00	59.58 3.00 0.00	48.38 2.77 0.00	44.06 2.85 0.00	37.67 2.79 0.00	38.56 2.96 0.00	38.87 2.87 0.00	37.51 2.77 0.00	37.05 2.63 0.00	39.06 2.56 0.00	52.44 3.62 0.00	55.19 3.93 0.00	50.68 3.64 0.00	52.39 3.55 0.00	47.69 3.21 0.00	39.33 2.48 0.00	40.33 2.18 0.00
RAVENSWOOD___3 23535	43.21 2.26 0.00	43.83 2.12 0.00	37.78 1.60 0.00	35.81 1.48 0.00	36.11 1.56 0.00	38.95 1.74 0.00	59.53 2.90 0.00	59.01 3.04 0.00	59.71 3.13 0.00	48.45 2.83 0.00	44.11 2.89 0.00	37.69 2.81 0.00	38.58 2.99 0.00	38.92 2.93 0.00	37.53 2.80 0.00	37.08 2.66 0.00	39.12 2.62 0.00	52.53 3.72 0.00	55.33 4.06 0.00	50.77 3.73 0.00	52.49 3.66 0.00	47.77 3.30 0.00	39.39 2.54 0.00	40.40 2.26 0.00
RAVENSWOOD___4 23820	43.14 2.18 0.00	43.74 2.03 0.00	37.71 1.54 0.00	35.77 1.44 0.00	36.06 1.51 0.00	38.91 1.70 0.00	59.42 2.79 0.00	58.85 2.88 0.00	59.58 3.00 0.00	48.38 2.77 0.00	44.06 2.85 0.00	37.67 2.79 0.00	38.56 2.96 0.00	38.87 2.87 0.00	37.51 2.77 0.00	37.05 2.63 0.00	39.06 2.56 0.00	52.44 3.62 0.00	55.19 3.93 0.00	50.68 3.64 0.00	52.39 3.55 0.00	47.69 3.21 0.00	39.33 2.48 0.00	40.33 2.18 0.00
RCPL_TRUST___DRP 24196	43.25 2.29 0.00	43.85 2.14 0.00	37.79 1.62 0.00	35.83 1.49 0.00	36.13 1.57 0.00	38.97 1.75 0.00	59.59 2.95 0.00	59.07 3.10 0.00	59.76 3.18 0.00	48.51 2.90 0.00	44.19 2.98 0.00	37.73 2.86 0.00	38.63 3.04 0.00	38.96 2.97 0.00	37.58 2.84 0.00	37.11 2.68 0.00	39.15 2.65 0.00	52.59 3.78 0.00	55.38 4.11 0.00	50.82 3.78 0.00	52.53 3.69 0.00	47.78 3.30 0.00	39.40 2.56 0.00	40.42 2.28 0.00
RED___ROCHESTER 323720	40.13 -0.56 0.27	40.69 -0.86 0.15	35.18 -0.84 0.15	31.06 -0.92 2.35	33.75 -0.82 -0.03	36.58 -0.73 -0.10	55.90 -1.04 -0.31	54.89 -0.82 0.26	57.19 -0.62 -1.23	48.00 -0.26 -2.64	42.31 -0.09 -1.18	35.09 -0.16 -0.38	35.28 -0.32 0.00	35.93 -0.20 -0.13	34.33 -0.40 0.00	34.82 -0.57 -0.97	35.83 -0.67 0.00	47.74 -1.08 0.00	50.12 -0.86 0.28	46.11 -0.61 0.32	48.00 -0.74 0.10	43.89 -0.81 -0.23	36.41 -0.65 -0.21	38.35 -0.45 -0.66
REGAN___SOLAR 323812	42.48 1.52 0.00	43.22 1.52 0.00	37.41 1.24 0.00	35.48 1.15 0.00	35.72 1.17 0.00	38.44 1.23 0.00	58.75 2.12 0.00	58.20 2.23 0.00	58.65 2.06 0.00	47.19 1.58 0.00	42.43 1.22 0.00	35.79 0.91 0.00	36.44 0.85 0.00	36.59 0.59 0.00	35.29 0.55 0.00	35.16 0.73 0.00	37.79 1.29 0.00	50.87 2.06 0.00	53.42 2.16 0.00	48.93 1.88 0.00	50.77 1.93 0.00	46.20 1.73 0.00	38.20 1.36 0.00	39.41 1.27 0.00
RENSSELAER___COGEN 23796	41.08 0.12 0.00	41.88 0.18 0.00	36.40 0.23 0.00	34.58 0.25 0.00	34.78 0.23 0.00	37.33 0.12 0.00	56.61 -0.02 0.00	55.98 0.01 0.00	56.62 0.03 0.00	45.60 -0.01 0.00	41.14 -0.08 0.00	34.96 0.08 0.00	35.82 0.23 0.00	36.18 0.19 0.00	35.05 0.32 0.00	34.80 0.38 0.00	37.04 0.53 0.00	49.47 0.66 0.00	51.79 0.53 0.00	47.43 0.39 0.00	49.26 0.43 0.00	44.94 0.46 0.00	37.29 0.45 0.00	38.65 0.50 0.00
REPUBLIC_115KV_BARTNBRK 55605	44.59 3.64 0.00	45.19 3.48 0.00	39.45 3.28 0.00	37.50 3.16 0.00	38.09 3.54 0.00	41.00 3.79 0.00	62.86 6.23 0.00	61.29 5.31 0.00	62.55 5.97 0.00	50.04 4.43 0.00	44.92 3.70 0.00	37.96 3.09 0.00	38.77 3.18 0.00	39.69 3.69 0.00	38.26 3.53 0.00	38.11 3.68 0.00	40.61 4.12 0.00	53.94 5.12 0.00	55.65 4.39 0.00	51.18 4.13 0.00	53.56 4.72 0.00	48.89 4.42 0.00	40.73 3.88 0.00	41.88 3.74 0.00
REVERE_CPPR_DRP 24186	42.43 1.48 0.00	43.17 1.46 0.00	37.48 1.31 0.00	35.54 1.21 0.00	35.82 1.27 0.00	38.51 1.30 0.00	58.95 2.32 0.00	57.83 1.86 0.00	57.99 1.40 0.00	47.18 1.56 0.00	42.76 1.55 0.00	36.26 1.38 0.00	36.73 1.14 0.00	37.17 1.18 0.00	35.81 1.07 0.00	35.47 1.05 0.00	37.63 1.13 0.00	50.18 1.49 0.12	51.68 1.46 1.04	47.39 1.32 0.98	50.13 1.32 0.02	45.63 1.15 0.00	37.73 0.88 0.00	38.89 0.75 0.00
REYNLDPA_13_KV_LD 356490	41.52 0.56 0.00	42.31 0.61 0.00	36.80 0.63 0.00	35.04 0.70 0.00	35.26 0.71 0.00	38.08 0.86 0.00	57.91 1.28 0.00	57.17 1.20 0.00	57.80 1.22 0.00	46.51 0.90 0.00	41.90 0.68 0.00	35.22 0.35 0.00	35.81 0.22 0.00	36.24 0.24 0.00	34.96 0.22 0.00	34.70 0.27 0.00	36.70 0.20 0.00	49.05 0.24 0.00	51.53 0.26 0.00	47.35 0.30 0.00	49.22 0.39 0.00	44.90 0.42 0.00	37.22 0.37 0.00	38.49 0.35 0.00
REYNOLDS_115KV_TB3 80639	41.36 0.40 0.00	42.14 0.43 0.00	36.61 0.44 0.00	34.78 0.44 0.00	34.99 0.44 0.00	37.56 0.35 0.00	56.98 0.35 0.00	56.31 0.34 0.00	56.97 0.38 0.00	45.85 0.24 0.00	41.38 0.16 0.00	35.11 0.23 0.00	36.00 0.40 0.00	36.37 0.38 0.00	35.27 0.53 0.00	35.04 0.61 0.00	37.30 0.80 0.00	49.82 1.00 0.00	52.10 0.83 0.00	47.71 0.67 0.00	49.56 0.72 0.00	45.23 0.75 0.00	37.56 0.71 0.00	38.86 0.72 0.00
RIVERBAY____ 323610	43.91 2.95 0.00	44.52 2.82 0.00	38.52 2.34 0.00	36.57 2.23 0.00	36.82 2.27 0.00	39.79 2.58 0.00	60.80 4.18 0.00	60.19 4.22 0.00	60.84 4.26 0.00	49.28 3.67 0.00	44.86 3.64 0.00	38.33 3.45 0.00	39.16 3.57 0.00	39.51 3.52 0.00	38.16 3.42 0.00	37.63 3.21 0.00	39.66 3.16 0.00	53.29 4.48 0.00	56.18 4.91 0.00	51.60 4.56 0.00	53.31 4.47 0.00	48.53 4.05 0.00	40.07 3.23 0.00	41.02 2.87 0.00
RIVERSDE_115KV_TB3 55908	41.13 0.17 0.00	41.92 0.21 0.00	36.44 0.27 0.00	34.62 0.28 0.00	34.81 0.26 0.00	37.37 0.15 0.00	56.67 0.04 0.00	56.03 0.06 0.00	56.67 0.09 0.00	45.65 0.04 0.00	41.21 -0.01 0.00	34.98 0.10 0.00	35.85 0.26 0.00	36.21 0.22 0.00	35.10 0.36 0.00	34.86 0.43 0.00	37.09 0.60 0.00	49.53 0.71 0.00	51.84 0.58 0.00	47.47 0.43 0.00	49.30 0.47 0.00	44.98 0.50 0.00	37.34 0.50 0.00	38.69 0.55 0.00
ROARING___BROOK_WT_PWR 323790	40.95 -0.01 0.00	41.76 0.06 0.00	36.27 0.09 0.00	34.42 0.09 0.00	34.64 0.09 0.00	37.24 0.03 0.00	56.73 0.10 0.00	55.64 -0.33 0.00	56.07 -0.51 0.00	38.58 -1.13 5.90	33.69 -1.21 6.33	22.89 -1.08 10.91	28.55 -1.13 5.91	34.86 -1.13 0.00	33.66 -1.08 0.00	22.43 -1.05 10.95	35.36 -1.14 0.00	-12.31 -1.54 59.58	49.66 -1.60 0.00	45.61 -1.44 0.00	47.38 -1.45 0.00	43.20 -1.28 0.00	35.79 -1.05 0.00	37.01 -1.14 0.00

ROCHESRG_115KV_T4 355643	40.04 -0.92 0.00	40.49 -1.21 0.00	35.03 -1.14 0.00	30.98 -1.20 2.15	33.60 -1.12 -0.17	36.30 -1.06 -0.14	55.50 -1.64 -0.51	54.80 -1.44 -0.27	56.71 -1.28 -1.40	47.35 -0.80 -2.54	41.90 -0.67 -1.35	34.88 -0.57 -0.57	34.86 -0.73 0.00	35.49 -0.63 -0.12	33.90 -0.84 0.00	34.35 -0.97 -0.89	34.79 -1.12 0.59	47.13 -1.68 0.00	49.73 -1.53 0.00	45.83 -1.22 0.00	47.50 -1.33 0.00	43.36 -1.33 -0.21	36.00 -1.04 -0.20	37.94 -0.81 -0.60
ROCHESTER_9_IC 23652	40.24 -0.72 0.00	40.68 -1.03 0.00	35.20 -0.97 0.00	31.09 -1.04 2.20	33.78 -0.95 -0.18	36.58 -0.87 -0.24	55.87 -1.32 -0.56	55.16 -1.11 -0.29	57.20 -0.91 -1.52	47.86 -0.52 -2.76	42.28 -0.40 -1.46	35.14 -0.35 -0.62	35.08 -0.51 0.00	35.72 -0.40 -0.13	34.12 -0.62 0.00	34.65 -0.74 -0.97	35.62 -0.87 0.00	47.44 -1.38 0.00	50.07 -1.19 0.00	46.13 -0.91 0.00	47.81 -1.03 0.00	43.64 -1.06 -0.23	36.24 -0.82 -0.21	38.20 -0.61 -0.66
ROCKVIEW_13_KV_LD 356306	43.21 2.26 0.00	43.80 2.10 0.00	37.74 1.56 0.00	35.77 1.43 0.00	36.07 1.52 0.00	38.87 1.66 0.00	59.42 2.79 0.00	58.97 3.00 0.00	59.64 3.06 0.00	48.35 2.74 0.00	44.10 2.88 0.00	37.65 2.77 0.00	38.53 2.94 0.00	38.90 2.91 0.00	37.51 2.78 0.00	37.04 2.61 0.00	39.10 2.60 0.00	52.51 3.69 0.00	55.32 4.06 0.00	50.76 3.71 0.00	52.51 3.67 0.00	47.77 3.30 0.00	39.37 2.53 0.00	40.41 2.27 0.00
ROME____115KV_TB2 80656	42.43 1.48 0.00	43.17 1.46 0.00	37.48 1.31 0.00	35.54 1.21 0.00	35.82 1.27 0.00	38.51 1.30 0.00	58.95 2.32 0.00	57.83 1.86 0.00	57.99 1.40 0.00	47.18 1.56 0.00	42.76 1.55 0.00	36.26 1.38 0.00	36.73 1.14 0.00	37.17 1.18 0.00	35.81 1.07 0.00	35.47 1.05 0.00	37.63 1.13 0.00	50.18 1.49 0.12	51.68 1.46 1.04	47.39 1.32 0.98	50.13 1.32 0.02	45.63 1.15 0.00	37.73 0.88 0.00	38.89 0.75 0.00
ROSETON___1 23587	42.72 1.76 0.00	43.38 1.67 0.00	37.41 1.24 0.00	35.45 1.12 0.00	35.74 1.19 0.00	38.52 1.30 0.00	58.78 2.15 0.00	58.22 2.24 0.00	58.87 2.29 0.00	47.69 2.08 0.00	43.37 2.15 0.00	37.03 2.15 0.00	37.93 2.33 0.00	38.28 2.29 0.00	36.93 2.19 0.00	36.50 2.07 0.00	38.58 2.08 0.00	51.73 2.92 0.00	54.47 3.20 0.00	49.94 2.89 0.00	51.72 2.88 0.00	47.11 2.64 0.00	38.88 2.04 0.00	39.97 1.83 0.00
ROSETON___2 23588	42.72 1.76 0.00	43.38 1.67 0.00	37.41 1.24 0.00	35.45 1.12 0.00	35.74 1.19 0.00	38.52 1.30 0.00	58.78 2.15 0.00	58.22 2.24 0.00	58.87 2.29 0.00	47.69 2.08 0.00	43.37 2.15 0.00	37.03 2.15 0.00	37.93 2.33 0.00	38.28 2.29 0.00	36.93 2.19 0.00	36.50 2.07 0.00	38.58 2.08 0.00	51.73 2.92 0.00	54.47 3.20 0.00	49.94 2.89 0.00	51.72 2.88 0.00	47.11 2.64 0.00	38.88 2.04 0.00	39.97 1.83 0.00
ROTRDAM_115KV_TB3 80664	41.85 0.89 0.00	42.62 0.91 0.00	36.95 0.78 0.00	35.05 0.72 0.00	35.28 0.73 0.00	37.94 0.73 0.00	57.75 1.12 0.00	57.10 1.13 0.00	57.72 1.14 0.00	46.49 0.88 0.00	42.00 0.78 0.00	35.57 0.70 0.00	36.40 0.81 0.00	36.80 0.81 0.00	35.56 0.83 0.00	35.29 0.87 0.00	37.53 1.04 0.00	50.25 1.43 0.00	52.65 1.39 0.00	48.26 1.22 0.00	50.11 1.27 0.00	45.67 1.19 0.00	37.83 0.99 0.00	39.06 0.91 0.00
RUSSELL___1 23602	40.40 -0.56 0.00	40.83 -0.87 0.00	35.33 -0.85 0.00	31.21 -0.93 2.20	33.90 -0.83 -0.18	36.72 -0.73 -0.24	56.11 -1.08 -0.56	55.43 -0.83 -0.29	57.48 -0.63 -1.52	48.09 -0.28 -2.76	42.50 -0.19 -1.46	35.32 -0.18 -0.62	35.25 -0.34 0.00	35.91 -0.22 -0.13	34.30 -0.44 0.00	34.83 -0.56 -0.97	35.83 -0.67 0.00	47.72 -1.10 0.00	50.37 -0.89 0.00	46.40 -0.64 0.00	48.08 -0.76 0.00	43.87 -0.83 -0.23	36.40 -0.65 -0.21	38.35 -0.45 -0.66
RUSSELL___2 23532	40.40 -0.56 0.00	40.83 -0.87 0.00	35.33 -0.85 0.00	31.21 -0.93 2.20	33.90 -0.83 -0.18	36.72 -0.73 -0.24	56.11 -1.08 -0.56	55.43 -0.83 -0.29	57.48 -0.63 -1.52	48.09 -0.28 -2.76	42.50 -0.19 -1.46	35.32 -0.18 -0.62	35.25 -0.34 0.00	35.91 -0.22 -0.13	34.30 -0.44 0.00	34.83 -0.56 -0.97	35.83 -0.67 0.00	47.72 -1.10 0.00	50.37 -0.89 0.00	46.40 -0.64 0.00	48.08 -0.76 0.00	43.87 -0.83 -0.23	36.40 -0.65 -0.21	38.35 -0.45 -0.66
RUSSELL___3 23549	40.40 -0.56 0.00	40.83 -0.87 0.00	35.33 -0.85 0.00	31.21 -0.93 2.20	33.90 -0.83 -0.18	36.72 -0.73 -0.24	56.11 -1.08 -0.56	55.43 -0.83 -0.29	57.48 -0.63 -1.52	48.09 -0.28 -2.76	42.50 -0.19 -1.46	35.32 -0.18 -0.62	35.25 -0.34 0.00	35.91 -0.22 -0.13	34.30 -0.44 0.00	34.83 -0.56 -0.97	35.83 -0.67 0.00	47.72 -1.10 0.00	50.37 -0.89 0.00	46.40 -0.64 0.00	48.08 -0.76 0.00	43.87 -0.83 -0.23	36.40 -0.65 -0.21	38.35 -0.45 -0.66
RUSSELL___4 23556	40.40 -0.56 0.00	40.83 -0.87 0.00	35.33 -0.85 0.00	31.21 -0.93 2.20	33.90 -0.83 -0.18	36.72 -0.73 -0.24	56.11 -1.08 -0.56	55.43 -0.83 -0.29	57.48 -0.63 -1.52	48.09 -0.28 -2.76	42.50 -0.19 -1.46	35.32 -0.18 -0.62	35.25 -0.34 0.00	35.91 -0.22 -0.13	34.30 -0.44 0.00	34.83 -0.56 -0.97	35.83 -0.67 0.00	47.72 -1.10 0.00	50.37 -0.89 0.00	46.40 -0.64 0.00	48.08 -0.76 0.00	43.87 -0.83 -0.23	36.40 -0.65 -0.21	38.35 -0.45 -0.66
RUSSELL___STATION 23914	40.40 -0.56 0.00	40.83 -0.87 0.00	35.33 -0.85 0.00	31.21 -0.93 2.20	33.90 -0.83 -0.18	36.72 -0.73 -0.24	56.11 -1.08 -0.56	55.43 -0.83 -0.29	57.48 -0.63 -1.52	48.09 -0.28 -2.76	42.50 -0.19 -1.46	35.32 -0.18 -0.62	35.25 -0.34 0.00	35.91 -0.22 -0.13	34.30 -0.44 0.00	34.83 -0.56 -0.97	35.83 -0.67 0.00	47.72 -1.10 0.00	50.37 -0.89 0.00	46.40 -0.64 0.00	48.08 -0.76 0.00	43.87 -0.83 -0.23	36.40 -0.65 -0.21	38.35 -0.45 -0.66
S SALMON___HYD 24043	40.91 -0.04 0.00	41.56 -0.14 0.00	36.05 -0.11 0.00	34.17 -0.16 0.00	34.42 -0.13 0.00	37.01 -0.20 0.00	56.55 -0.08 0.00	55.34 -0.63 0.00	55.56 -1.02 0.00	45.06 -0.55 0.00	40.76 -0.46 0.00	34.52 -0.35 0.00	35.08 -0.51 0.00	35.38 -0.61 0.00	34.09 -0.64 0.00	33.81 -0.62 0.00	35.80 -0.70 0.00	47.67 -1.00 0.14	49.10 -0.98 1.19	45.02 -0.91 1.12	47.86 -0.96 0.02	43.61 -0.87 0.00	36.10 -0.75 0.00	37.36 -0.79 0.00
S.PERRY__115KV_TB1 80734	41.26 0.31 0.00	41.43 -0.28 0.00	35.55 -0.62 0.00	27.61 -1.05 5.68	35.75 -0.92 -2.12	51.59 -0.80 -15.19	104.45 -0.90 -48.72	112.03 -0.41 -56.46	105.40 -0.29 -49.10	79.18 -0.14 -33.70	78.84 -0.16 -37.79	72.35 -0.09 -37.57	79.87 -0.13 -44.40	71.60 0.00 -35.61	77.68 -0.49 -43.43	49.21 -0.55 -15.34	64.67 -0.45 -28.62	89.99 -0.66 -41.84	106.67 -0.27 -55.67	101.59 0.04 -54.51	103.91 0.03 -55.04	86.44 -0.33 -42.29	39.09 -0.30 -2.56	45.56 -0.09 -7.51
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	39.19 -1.77 0.00	39.42 -2.29 0.00	34.05 -2.12 0.00	28.21 -2.30 3.82	32.39 -2.16 0.00	32.69 -2.18 2.35	41.25 -3.62 11.77	37.55 -3.51 14.91	44.50 -3.29 8.79	42.95 -2.27 0.39	33.46 -1.95 5.81	24.69 -1.66 8.52	22.58 -1.71 11.30	26.60 -1.40 8.00	22.77 -1.73 10.23	31.41 -2.01 1.01	27.46 -2.27 6.77	35.58 -3.34 9.89	35.07 -3.02 13.17	31.73 -2.43 12.89	33.21 -2.61 13.01	32.58 -2.50 9.39	34.91 -1.92 0.03	36.62 -1.52 0.00

SAWYER___23_KV_LOAD 55526	39.19 -1.77 0.00	39.42 -2.29 0.00	34.05 -2.12 0.00	28.21 -2.30 3.82	32.39 -2.16 0.00	32.69 -2.18 2.35	41.25 -3.62 11.77	37.55 -3.51 14.91	44.50 -3.29 8.79	42.95 -2.27 0.39	33.46 -1.95 5.81	24.69 -1.66 8.52	22.58 -1.71 11.30	26.60 -1.40 8.00	22.77 -1.73 10.23	31.41 -2.01 1.01	27.46 -2.27 6.77	35.58 -3.34 9.89	35.07 -3.02 13.17	31.73 -2.43 12.89	33.21 -2.61 13.01	32.58 -2.50 9.39	34.91 -1.92 0.03	36.62 -1.52 0.00
SELKIRK___I 23801	41.54 0.59 0.00	42.38 0.68 0.00	36.80 0.63 0.00	34.95 0.61 0.00	35.14 0.59 0.00	37.75 0.54 0.00	57.31 0.68 0.00	56.62 0.65 0.00	57.20 0.61 0.00	46.09 0.48 0.00	41.55 0.33 0.00	35.32 0.44 0.00	36.15 0.56 0.00	36.48 0.49 0.00	35.32 0.58 0.00	35.06 0.63 0.00	37.31 0.82 0.00	49.91 1.09 0.00	52.31 1.04 0.00	47.92 0.88 0.00	49.75 0.91 0.00	45.35 0.88 0.00	37.62 0.77 0.00	38.94 0.79 0.00
SELKIRK___II 23799	41.35 0.39 0.00	42.15 0.45 0.00	36.59 0.42 0.00	34.74 0.40 0.00	34.93 0.38 0.00	37.53 0.31 0.00	56.98 0.35 0.00	56.34 0.37 0.00	56.96 0.38 0.00	45.91 0.30 0.00	41.45 0.23 0.00	35.22 0.34 0.00	36.06 0.47 0.00	36.42 0.43 0.00	35.26 0.53 0.00	34.98 0.56 0.00	37.18 0.69 0.00	49.72 0.91 0.00	52.12 0.85 0.00	47.75 0.71 0.00	49.56 0.73 0.00	45.18 0.71 0.00	37.48 0.63 0.00	38.77 0.63 0.00
SENECA OSWGO___HYD 24041	40.06 -0.90 0.00	40.73 -0.97 0.00	35.30 -0.88 0.00	33.45 -0.88 0.00	33.67 -0.88 0.00	36.30 -0.91 0.00	55.32 -1.31 0.00	54.80 -1.18 0.00	55.40 -1.18 0.00	44.75 -0.87 0.00	40.49 -0.73 0.00	34.30 -0.58 0.00	34.98 -0.61 0.00	35.34 -0.66 0.00	34.11 -0.63 0.00	33.76 -0.66 0.00	35.81 -0.70 0.00	47.86 -0.95 0.00	50.33 -0.94 0.00	46.18 -0.86 0.00	47.90 -0.94 0.00	43.53 -0.94 0.00	36.05 -0.79 0.00	37.43 -0.72 0.00
SENECA___115KV_TB3 355854	38.77 -1.40 0.79	39.29 -1.97 0.44	33.84 -1.90 0.43	27.57 -2.17 4.59	32.09 -2.02 0.44	32.19 -2.08 2.94	38.84 -3.26 14.53	33.75 -3.09 19.13	42.46 -2.95 11.18	42.84 -1.96 0.81	32.04 -1.52 7.66	22.77 -1.40 10.71	20.59 -1.43 13.57	25.08 -1.13 9.78	20.74 -1.47 12.52	31.37 -1.82 1.23	26.16 -2.06 8.28	33.72 -2.99 12.10	31.86 -2.59 16.82	28.39 -2.08 16.57	30.40 -2.26 16.18	30.75 -2.24 11.48	35.07 -1.74 0.03	36.79 -1.36 0.00
SENECA___ENERGY 23797	40.52 -0.44 0.00	41.03 -0.67 0.00	35.45 -0.72 0.00	32.71 -0.87 0.76	33.89 -0.79 -0.13	37.08 -0.77 -0.64	59.10 -0.87 -3.34	59.27 -0.65 -3.95	59.24 -0.61 -3.27	47.21 -0.42 -2.03	43.55 -0.16 -2.48	37.38 -0.07 -2.57	38.62 -0.12 -3.15	38.40 -0.12 -2.52	37.52 -0.30 -3.09	35.01 -0.40 -0.98	38.06 -0.47 -2.03	51.17 -0.61 -2.97	54.71 -0.51 -3.96	50.49 -0.43 -3.87	52.20 -0.54 -3.91	46.73 -0.73 -2.98	36.45 -0.55 -0.16	38.14 -0.47 -0.46
SHOEMAKER___GT 23640	42.76 1.80 0.00	43.44 1.74 0.00	37.47 1.30 0.00	35.51 1.17 0.00	35.78 1.23 0.00	38.55 1.34 0.00	58.88 2.25 0.00	58.34 2.37 0.00	58.98 2.40 0.00	47.69 2.08 0.00	43.36 2.14 0.00	36.95 2.07 0.00	37.78 2.19 0.00	38.18 2.19 0.00	36.84 2.10 0.00	36.40 1.97 0.00	38.54 2.04 0.00	51.75 2.94 0.00	54.53 3.27 0.00	49.99 2.95 0.00	51.75 2.92 0.00	47.11 2.63 0.00	38.86 2.02 0.00	39.98 1.83 0.00
SHOEMAKR_138KV_BK 111 55601	42.75 1.79 0.00	43.42 1.71 0.00	37.46 1.29 0.00	35.49 1.15 0.00	35.77 1.22 0.00	38.53 1.32 0.00	58.84 2.21 0.00	58.33 2.35 0.00	58.95 2.36 0.00	47.68 2.06 0.00	43.37 2.15 0.00	36.95 2.07 0.00	37.80 2.21 0.00	38.19 2.19 0.00	36.85 2.11 0.00	36.40 1.97 0.00	38.53 2.04 0.00	51.75 2.94 0.00	54.52 3.25 0.00	49.97 2.92 0.00	51.72 2.88 0.00	47.09 2.61 0.00	38.85 2.01 0.00	39.96 1.81 0.00
SHOREHAM_IC_1 23715	42.25 1.31 0.02	29.79 0.90 12.81	-2.77 0.47 39.41	17.67 0.57 17.23	17.89 0.60 17.26	36.55 0.75 1.41	54.76 1.02 2.88	23.66 1.31 33.63	25.04 1.39 32.94	40.76 1.30 6.16	23.75 1.71 19.17	24.32 2.08 12.64	38.12 2.54 0.01	32.08 2.33 6.25	36.77 2.01 -0.03	27.22 1.44 8.64	25.54 1.47 12.43	41.44 2.42 9.78	43.18 2.82 10.90	44.29 2.51 5.26	61.47 3.07 -9.56	46.82 2.55 0.20	37.35 1.65 1.15	38.49 1.20 0.85
SHOREHAM_IC_2 23716	42.26 1.32 0.02	29.79 0.90 12.81	-2.76 0.48 39.41	17.68 0.57 17.23	17.89 0.60 17.26	36.55 0.74 1.41	54.77 1.02 2.88	23.70 1.36 33.63	25.06 1.41 32.94	40.75 1.30 6.16	23.84 1.80 19.17	24.32 2.08 12.64	38.13 2.55 0.01	32.09 2.35 6.25	36.78 2.02 -0.03	27.24 1.46 8.64	25.56 1.49 12.43	41.44 2.41 9.78	43.19 2.83 10.90	44.30 2.52 5.26	61.48 3.08 -9.56	46.83 2.56 0.20	37.35 1.65 1.15	38.51 1.22 0.85
SISSONVILLE____ 23735	42.17 1.22 0.00	42.98 1.27 0.00	37.40 1.23 0.00	35.62 1.29 0.00	35.87 1.31 0.00	38.71 1.49 0.00	58.79 2.16 0.00	57.74 1.77 0.00	58.14 1.56 0.00	46.91 1.30 0.00	42.39 1.17 0.00	35.62 0.74 0.00	36.08 0.49 0.00	36.49 0.50 0.00	35.17 0.43 0.00	34.92 0.50 0.00	36.75 0.25 0.00	47.40 0.03 1.44	39.17 -0.08 12.01	35.71 0.02 11.35	48.84 0.25 0.24	45.09 0.61 0.00	37.49 0.65 0.00	38.66 0.52 0.00
SITHE_IND_GS1 24169	39.58 -1.37 0.00	40.25 -1.45 0.00	34.90 -1.27 0.00	31.81 -1.24 1.28	33.31 -1.24 0.00	35.41 -1.32 0.48	54.53 -2.01 0.09	54.07 -1.90 0.00	54.68 -1.90 0.00	44.14 -1.47 0.00	39.94 -1.28 0.00	33.82 -1.06 0.00	34.51 -1.09 0.00	34.90 -1.09 0.00	33.64 -1.09 0.00	33.31 -1.12 0.00	35.31 -1.19 0.00	47.21 -1.60 0.00	49.62 -1.64 0.00	45.55 -1.50 0.00	47.26 -1.57 0.00	42.97 -1.51 0.00	35.62 -1.23 0.00	37.02 -1.13 0.00
SITHE_IND_GS2 24170	39.58 -1.37 0.00	40.25 -1.45 0.00	34.90 -1.27 0.00	31.81 -1.24 1.28	33.31 -1.24 0.00	35.41 -1.32 0.48	54.53 -2.01 0.09	54.07 -1.90 0.00	54.68 -1.90 0.00	44.14 -1.47 0.00	39.94 -1.28 0.00	33.82 -1.06 0.00	34.51 -1.09 0.00	34.90 -1.09 0.00	33.64 -1.09 0.00	33.31 -1.12 0.00	35.31 -1.19 0.00	47.21 -1.60 0.00	49.62 -1.64 0.00	45.55 -1.50 0.00	47.26 -1.57 0.00	42.97 -1.51 0.00	35.62 -1.23 0.00	37.02 -1.13 0.00
SITHE_IND_GS3 24171	39.58 -1.37 0.00	40.25 -1.45 0.00	34.90 -1.27 0.00	33.10 -1.24 0.00	33.31 -1.24 0.00	35.89 -1.32 0.00	54.62 -2.01 0.00	54.07 -1.90 0.00	54.68 -1.90 0.00	44.14 -1.47 0.00	39.94 -1.28 0.00	33.82 -1.06 0.00	34.51 -1.09 0.00	34.90 -1.09 0.00	33.64 -1.09 0.00	33.31 -1.12 0.00	35.31 -1.19 0.00	47.21 -1.60 0.00	49.62 -1.64 0.00	45.55 -1.50 0.00	47.26 -1.57 0.00	42.97 -1.51 0.00	35.62 -1.23 0.00	37.02 -1.13 0.00
SITHE_IND_GS4 24172	39.58 -1.37 0.00	40.25 -1.45 0.00	34.90 -1.27 0.00	33.10 -1.24 0.00	33.31 -1.24 0.00	35.89 -1.32 0.00	54.62 -2.01 0.00	54.07 -1.90 0.00	54.68 -1.90 0.00	44.14 -1.47 0.00	39.94 -1.28 0.00	33.82 -1.06 0.00	34.51 -1.09 0.00	34.90 -1.09 0.00	33.64 -1.09 0.00	33.31 -1.12 0.00	35.31 -1.19 0.00	47.21 -1.60 0.00	49.62 -1.64 0.00	45.55 -1.50 0.00	47.26 -1.57 0.00	42.97 -1.51 0.00	35.62 -1.23 0.00	37.02 -1.13 0.00

SITHE___BATAVIA 24024	39.91 -0.56 0.49	40.43 -1.00 0.28	34.92 -0.98 0.27	29.86 -1.14 3.33	33.40 -0.97 0.17	35.19 -0.80 1.22	47.86 -1.11 7.66	44.61 -0.96 10.41	50.55 -0.72 5.32	46.48 -0.21 -1.08	37.84 0.05 3.43	29.22 -0.10 5.56	28.02 -0.16 7.41	30.77 0.04 5.26	27.62 -0.28 6.84	33.75 -0.64 0.04	31.21 -0.76 4.53	40.92 -1.27 6.62	41.13 -0.88 9.26	37.36 -0.56 9.13	39.27 -0.70 8.87	37.52 -0.82 6.13	36.31 -0.66 -0.12	38.25 -0.33 -0.43
SITHE___INDEPEND 23800	39.58 -1.37 0.00	40.26 -1.45 0.00	34.90 -1.27 0.00	31.81 -1.24 1.28	33.31 -1.24 0.00	35.41 -1.32 0.48	54.52 -2.01 0.09	54.07 -1.90 0.00	54.68 -1.91 0.00	44.13 -1.48 0.00	39.93 -1.29 0.00	33.82 -1.06 0.00	34.51 -1.09 0.00	34.89 -1.10 0.00	33.64 -1.09 0.00	33.30 -1.12 0.00	35.32 -1.18 0.00	47.21 -1.60 0.00	49.63 -1.64 0.00	45.54 -1.50 0.00	47.25 -1.58 0.00	42.97 -1.51 0.00	35.62 -1.23 0.00	37.02 -1.12 0.00
SITHE___MASSENA 23902	41.75 0.79 0.00	42.54 0.83 0.00	37.00 0.82 0.00	35.23 0.90 0.00	35.46 0.90 0.00	38.29 1.08 0.00	58.23 1.61 0.00	57.43 1.46 0.00	58.03 1.44 0.00	46.71 1.10 0.00	42.10 0.88 0.00	35.38 0.50 0.00	35.96 0.36 0.00	36.38 0.39 0.00	35.09 0.35 0.00	34.84 0.41 0.00	36.81 0.31 0.00	48.90 0.35 0.26	49.46 0.37 2.18	45.40 0.41 2.06	49.31 0.51 0.04	45.07 0.59 0.00	37.36 0.52 0.00	38.63 0.49 0.00
SITHE___OGDNSBRG 24021	42.59 1.64 0.00	43.40 1.70 0.00	37.76 1.59 0.00	35.97 1.63 0.00	36.21 1.66 0.00	39.12 1.91 0.00	59.55 2.93 0.00	58.60 2.63 0.00	59.05 2.46 0.00	47.71 2.09 0.00	43.04 1.82 0.00	36.13 1.25 0.00	36.64 1.05 0.00	37.07 1.07 0.00	35.73 0.99 0.00	35.49 1.07 0.00	37.48 0.98 0.00	49.05 1.22 0.98	44.35 1.28 8.19	40.58 1.28 7.74	50.11 1.44 0.16	45.98 1.50 0.00	38.11 1.26 0.00	39.33 1.18 0.00
SITHE___STERLING 23777	42.04 1.08 0.00	42.77 1.06 0.00	37.13 0.96 0.00	35.21 0.88 0.00	35.47 0.92 0.00	38.16 0.95 0.00	58.36 1.73 0.00	57.48 1.50 0.00	57.77 1.19 0.00	46.90 1.29 0.00	42.54 1.32 0.00	36.05 1.17 0.00	36.50 0.91 0.00	36.94 0.95 0.00	35.63 0.90 0.00	35.26 0.84 0.00	37.43 0.93 0.00	50.06 1.25 0.00	52.44 1.18 0.00	48.10 1.05 0.00	49.89 1.06 0.00	45.35 0.87 0.00	37.50 0.65 0.00	38.72 0.58 0.00
SLEIGHT__34_KV_TB1 80719	40.14 -0.81 0.00	40.67 -1.03 0.00	35.18 -0.99 0.00	32.18 -1.03 1.13	33.71 -0.96 -0.12	36.68 -0.89 -0.35	55.82 -1.19 -0.38	55.16 -1.01 -0.19	56.67 -0.90 -0.99	46.83 -0.58 -1.80	41.76 -0.41 -0.95	34.94 -0.34 -0.40	35.14 -0.46 0.00	35.66 -0.42 -0.09	34.16 -0.58 0.00	34.41 -0.65 -0.63	35.76 -0.74 0.00	47.62 -1.19 0.00	50.18 -1.09 0.00	46.12 -0.93 0.00	47.78 -1.05 0.00	43.51 -1.12 -0.15	36.07 -0.91 -0.14	37.77 -0.80 -0.43
SMITHTWN_69_KV_BK 1 55830	42.84 1.90 0.02	45.31 1.54 -2.07	45.26 1.04 -8.04	38.87 1.02 -3.52	39.13 1.06 -3.52	38.69 1.19 -0.29	58.33 1.67 -0.03	24.61 1.96 33.33	25.98 2.04 32.64	41.33 1.83 6.10	47.65 2.46 -3.97	47.90 2.58 -10.45	40.74 2.99 -2.15	43.06 2.86 -4.22	37.92 2.49 -0.69	27.70 1.84 8.56	26.08 1.90 12.32	49.93 3.00 1.88	56.96 3.47 -2.23	51.21 3.10 -1.07	66.73 3.71 -14.18	47.67 3.15 -0.04	39.23 2.15 -0.23	39.01 1.71 0.84
SOUTH CAIRO___GT 23612	42.25 1.30 0.00	43.03 1.33 0.00	37.41 1.24 0.00	35.53 1.19 0.00	35.73 1.18 0.00	38.42 1.21 0.00	58.52 1.89 0.00	58.07 2.10 0.00	58.61 2.03 0.00	47.13 1.52 0.00	42.04 0.81 0.00	35.75 0.88 0.00	36.80 1.21 0.00	36.93 0.94 0.00	35.80 1.07 0.00	35.56 1.14 0.00	38.04 1.54 0.00	51.05 2.24 0.00	53.63 2.36 0.00	49.07 2.03 0.00	50.92 2.09 0.00	46.39 1.91 0.00	38.40 1.56 0.00	39.71 1.56 0.00
SOUTH HAMPTN___IC 23720	42.64 1.70 0.02	15.38 1.26 27.58	-49.35 0.65 86.16	-2.81 0.52 37.66	-2.63 0.55 37.73	34.79 0.66 3.08	51.82 0.94 5.75	23.51 1.25 33.71	24.88 1.31 33.02	40.65 1.21 6.17	0.93 1.69 41.97	1.55 2.02 35.35	35.94 2.48 2.13	21.87 2.33 16.45	36.09 1.98 0.62	27.18 1.42 8.66	25.48 1.45 12.46	33.70 2.43 17.55	30.30 2.87 23.83	38.10 2.56 11.50	57.09 3.21 -5.05	46.63 2.60 0.44	36.00 1.67 2.51	38.49 1.20 0.85
SOUTHDOW_115KV_TB1 355954	40.08 -0.87 0.00	40.47 -1.24 0.00	34.69 -1.49 0.00	27.54 -2.07 4.73	32.75 -1.89 -0.09	32.72 -2.30 2.19	46.50 -3.25 6.89	44.45 -2.69 8.83	49.30 -2.75 4.54	44.80 -1.94 -1.13	36.73 -1.71 2.78	28.58 -1.48 4.82	27.52 -1.53 6.54	30.39 -1.23 4.38	27.70 -1.31 5.72	32.95 -1.56 -0.08	30.91 -1.79 3.80	40.85 -2.41 5.56	42.00 -1.87 7.39	38.47 -1.34 7.24	40.09 -1.44 7.30	37.71 -1.64 5.13	35.71 -1.26 -0.13	37.84 -0.75 -0.44
SOUTHOLD_69_KV_BK 2 55809	42.72 1.78 0.02	14.98 1.28 28.01	-50.81 0.52 87.50	-3.77 0.14 38.24	-3.61 0.16 38.32	34.30 0.21 3.13	51.13 0.34 5.84	22.99 0.72 33.70	24.28 0.71 33.01	40.11 0.68 6.17	-0.06 1.34 42.62	0.51 1.63 36.00	35.50 2.10 2.19	21.19 1.94 16.74	35.70 1.59 0.63	26.83 1.07 8.66	25.11 1.07 12.46	32.99 1.95 17.77	29.47 2.41 24.20	37.50 2.14 11.68	56.63 2.87 -4.92	46.24 2.21 0.45	35.62 1.32 2.55	38.16 0.87 0.85
SOUTHOLD___IC 23719	42.72 1.78 0.02	14.98 1.28 28.01	-50.84 0.49 87.50	-3.78 0.13 38.24	-3.61 0.16 38.32	34.30 0.21 3.13	51.11 0.32 5.84	22.91 0.65 33.70	24.26 0.69 33.01	40.10 0.66 6.17	-0.15 1.25 42.62	0.51 1.63 36.00	35.50 2.09 2.19	21.18 1.92 16.74	35.68 1.57 0.63	26.81 1.05 8.66	25.09 1.05 12.46	33.00 1.96 17.77	29.46 2.40 24.20	37.49 2.13 11.68	56.62 2.87 -4.92	46.23 2.21 0.45	35.62 1.32 2.55	38.14 0.85 0.85
SOUTH_FORK_WT_PWR 323839	42.49 1.55 0.02	14.94 1.01 27.78	-50.50 0.11 86.78	-4.01 -0.41 37.93	-3.86 -0.41 38.00	33.67 -0.44 3.10	50.16 -0.67 5.79	21.94 -0.33 33.70	23.27 -0.30 33.01	39.30 -0.14 6.17	-0.50 0.55 42.27	0.25 1.03 35.65	34.88 1.45 2.15	20.68 1.27 16.58	35.07 0.96 0.62	26.21 0.45 8.66	24.46 0.42 12.46	32.28 1.12 17.65	28.78 1.52 24.00	36.80 1.35 11.58	55.98 2.15 -4.99	45.55 1.52 0.45	35.06 0.74 2.52	37.56 0.27 0.85
SPIERFLS_115KV_TB 1 80737	42.26 1.30 0.00	42.94 1.23 0.00	37.30 1.13 0.00	35.39 1.06 0.00	35.73 1.18 0.00	38.42 1.21 0.00	58.43 1.80 0.00	57.66 1.69 0.00	58.40 1.82 0.00	46.95 1.33 0.00	42.26 1.04 0.00	35.70 0.83 0.00	36.54 0.95 0.00	37.06 1.07 0.00	35.85 1.12 0.00	35.67 1.25 0.00	38.02 1.52 0.00	50.75 1.94 0.00	52.85 1.59 0.00	48.47 1.42 0.00	50.54 1.71 0.00	46.14 1.66 0.00	38.32 1.48 0.00	39.41 1.26 0.00
ST LAWRENCE____ 23600	41.04 0.08 0.00	41.82 0.12 0.00	36.38 0.21 0.00	34.62 0.29 0.00	34.84 0.30 0.00	37.62 0.41 0.00	57.21 0.58 0.00	56.50 0.53 0.00	57.15 0.56 0.00	45.98 0.36 0.00	41.39 0.17 0.00	34.81 -0.07 0.00	35.39 -0.20 0.00	35.82 -0.18 0.00	34.54 -0.19 0.00	34.30 -0.12 0.00	36.27 -0.23 0.00	48.57 -0.33 -0.08	51.64 -0.35 -0.72	47.44 -0.26 -0.65	48.65 -0.20 -0.01	44.37 -0.11 0.00	36.77 -0.07 0.00	38.04 -0.10 0.00

STATE_CA_115KV_115_LB 55624	41.32 0.36 0.00	42.11 0.41 0.00	36.60 0.43 0.00	34.76 0.43 0.00	34.98 0.43 0.00	37.54 0.32 0.00	56.97 0.33 0.00	56.34 0.37 0.00	56.99 0.41 0.00	45.92 0.31 0.00	41.43 0.21 0.00	35.19 0.31 0.00	36.07 0.47 0.00	36.44 0.45 0.00	35.30 0.56 0.00	35.04 0.62 0.00	37.31 0.81 0.00	49.82 1.01 0.00	52.15 0.88 0.00	47.76 0.72 0.00	49.58 0.75 0.00	45.21 0.74 0.00	37.54 0.69 0.00	38.89 0.74 0.00
STATE_ST_34_KV_LOAD 55959	40.96 0.00 0.00	41.59 -0.12 0.00	36.00 -0.17 0.00	35.31 -0.23 -1.21	34.36 -0.19 0.00	37.88 -0.14 -0.81	56.72 0.02 -0.07	55.90 -0.08 0.00	56.50 -0.08 0.00	45.61 -0.01 0.00	41.42 0.20 0.00	35.14 0.27 0.00	36.88 0.26 -1.03	37.36 0.25 -1.12	35.67 0.08 -0.86	34.52 0.09 0.00	36.60 0.10 0.00	48.92 0.11 0.00	51.52 0.25 0.00	47.30 0.25 0.00	49.04 0.21 0.00	44.49 0.02 0.00	36.86 0.01 0.00	38.24 0.10 0.00
STATION_5_MISC_HYD 23604	39.97 -0.71 0.27	40.53 -1.02 0.15	35.06 -0.96 0.15	30.95 -1.03 2.35	33.64 -0.94 -0.03	36.44 -0.87 -0.10	55.66 -1.28 -0.31	54.65 -1.07 0.26	56.90 -0.91 -1.23	47.76 -0.49 -2.64	42.10 -0.30 -1.18	34.92 -0.34 -0.38	35.11 -0.48 0.00	35.75 -0.38 -0.13	34.15 -0.58 0.00	34.64 -0.75 -0.97	35.63 -0.87 0.00	47.46 -1.35 0.00	49.83 -1.15 0.28	45.83 -0.89 0.32	47.73 -1.00 0.10	43.65 -1.06 -0.23	36.24 -0.82 -0.21	38.20 -0.61 -0.66
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	40.32 -0.64 0.00	40.82 -0.89 0.00	35.30 -0.87 0.00	31.23 -0.96 2.14	33.84 -0.87 -0.16	36.45 -0.82 -0.05	56.05 -1.07 -0.48	55.40 -0.83 -0.26	57.20 -0.73 -1.34	47.59 -0.45 -2.43	42.21 -0.30 -1.29	35.22 -0.21 -0.54	35.27 -0.32 0.00	35.84 -0.27 -0.12	34.26 -0.47 0.00	34.72 -0.56 -0.85	35.86 -0.64 0.00	47.85 -0.96 0.00	50.45 -0.81 0.00	46.41 -0.63 0.00	48.10 -0.74 0.00	43.84 -0.83 -0.20	36.39 -0.64 -0.19	38.20 -0.52 -0.58
STA_56_34_KV_BUS2_REV_LBMP_B 345033	39.99 -0.97 0.00	40.45 -1.26 0.00	34.99 -1.18 0.00	30.97 -1.23 2.14	33.57 -1.14 -0.17	36.31 -1.09 -0.18	55.50 -1.65 -0.52	54.81 -1.44 -0.28	56.75 -1.26 -1.43	47.40 -0.80 -2.59	41.93 -0.67 -1.37	34.89 -0.56 -0.58	34.87 -0.72 0.00	35.49 -0.63 -0.13	33.91 -0.82 0.00	34.40 -0.94 -0.91	35.42 -1.09 0.00	47.18 -1.63 0.00	49.77 -1.50 0.00	45.84 -1.21 0.00	47.52 -1.32 0.00	43.37 -1.32 -0.21	36.00 -1.04 -0.20	37.91 -0.85 -0.62
STA_56___34_KV_BUS2 355983	39.99 -0.97 0.00	40.45 -1.26 0.00	34.99 -1.18 0.00	30.97 -1.23 2.14	33.57 -1.14 -0.17	36.31 -1.09 -0.18	55.50 -1.65 -0.52	54.81 -1.44 -0.28	56.75 -1.26 -1.43	47.40 -0.80 -2.59	41.93 -0.67 -1.37	34.89 -0.56 -0.58	34.87 -0.72 0.00	35.49 -0.63 -0.13	33.91 -0.82 0.00	34.40 -0.94 -0.91	35.42 -1.09 0.00	47.18 -1.63 0.00	49.77 -1.50 0.00	45.84 -1.21 0.00	47.52 -1.32 0.00	43.37 -1.32 -0.21	36.00 -1.04 -0.20	37.91 -0.85 -0.62
STA_67___115KV_BK2 355882	40.16 -0.80 0.00	40.60 -1.10 0.00	35.13 -1.04 0.00	31.04 -1.10 2.19	33.71 -1.02 -0.18	36.49 -0.94 -0.23	55.74 -1.44 -0.55	55.04 -1.23 -0.29	57.04 -1.05 -1.50	47.71 -0.63 -2.73	42.16 -0.51 -1.44	35.06 -0.43 -0.61	35.00 -0.59 0.00	35.64 -0.49 -0.13	34.03 -0.70 0.00	34.55 -0.84 -0.96	35.53 -0.97 0.00	47.32 -1.50 0.00	49.95 -1.32 0.00	46.02 -1.03 0.00	47.69 -1.15 0.00	43.54 -1.16 -0.22	36.15 -0.91 -0.21	38.11 -0.68 -0.65
STA_7___115KV_9TRANS 80674	40.40 -0.56 0.00	40.83 -0.87 0.00	35.33 -0.85 0.00	31.21 -0.93 2.20	33.90 -0.83 -0.18	36.72 -0.73 -0.24	56.11 -1.08 -0.56	55.43 -0.83 -0.29	57.48 -0.63 -1.52	48.09 -0.28 -2.76	42.50 -0.19 -1.46	35.32 -0.18 -0.62	35.25 -0.34 0.00	35.91 -0.22 -0.13	34.30 -0.44 0.00	34.83 -0.56 -0.97	35.83 -0.67 0.00	47.72 -1.10 0.00	50.37 -0.89 0.00	46.40 -0.64 0.00	48.08 -0.76 0.00	43.87 -0.83 -0.23	36.40 -0.65 -0.21	38.35 -0.45 -0.66
STA_82___115KV_TB1 80780	40.16 -0.80 0.00	40.62 -1.08 0.00	35.14 -1.03 0.00	31.01 -1.10 2.23	33.73 -1.01 -0.19	36.60 -0.92 -0.31	55.80 -1.42 -0.59	55.06 -1.22 -0.31	57.16 -1.02 -1.60	47.91 -0.61 -2.91	42.28 -0.49 -1.54	35.11 -0.42 -0.65	35.01 -0.58 0.00	35.66 -0.47 -0.14	34.05 -0.69 0.00	34.63 -0.81 -1.02	35.54 -0.96 0.00	47.33 -1.48 0.00	49.96 -1.30 0.00	46.03 -1.01 0.00	47.72 -1.12 0.00	43.57 -1.14 -0.24	36.18 -0.89 -0.23	38.16 -0.68 -0.69
STEEL___WIND 323596	38.71 -1.46 0.79	39.24 -2.02 0.44	33.78 -1.96 0.43	27.51 -2.23 4.59	32.03 -2.08 0.44	32.10 -2.17 2.94	38.71 -3.39 14.53	33.63 -3.20 19.13	42.34 -3.07 11.18	42.77 -2.03 0.81	31.96 -1.60 7.66	22.70 -1.47 10.71	20.51 -1.51 13.57	24.98 -1.23 9.78	20.67 -1.54 12.52	31.31 -1.88 1.23	26.09 -2.13 8.28	33.61 -3.10 12.10	31.76 -2.69 16.82	28.30 -2.17 16.57	30.30 -2.36 16.18	30.66 -2.33 11.48	34.99 -1.83 0.03	36.71 -1.44 0.00
STEPHTWN_115KV_BK_2 55603	41.48 0.52 0.00	42.33 0.62 0.00	36.76 0.59 0.00	34.85 0.52 0.00	35.08 0.53 0.00	37.74 0.52 0.00	57.38 0.75 0.00	56.75 0.78 0.00	57.40 0.82 0.00	46.20 0.58 0.00	41.67 0.45 0.00	35.46 0.58 0.00	36.36 0.77 0.00	36.75 0.76 0.00	35.56 0.82 0.00	35.35 0.93 0.00	37.65 1.15 0.00	50.20 1.38 0.00	52.66 1.39 0.00	48.19 1.14 0.00	50.01 1.17 0.00	45.54 1.07 0.00	37.76 0.92 0.00	39.12 0.98 0.00
STEBEN_REC_LFGE 323667	40.23 -0.72 0.00	40.24 -1.46 0.00	34.01 -2.16 0.00	19.14 -3.06 12.14	32.64 -2.93 -1.01	35.07 -3.14 -1.00	82.20 -4.31 -29.88	88.38 -3.71 -36.12	81.56 -3.85 -28.83	58.96 -3.02 -16.37	60.22 -2.63 -21.64	56.00 -2.04 -23.16	63.01 -1.67 -29.10	57.74 -1.45 -23.20	61.53 -1.83 -28.62	40.39 -2.25 -8.22	53.14 -2.22 -18.86	73.39 -2.99 -27.56	85.37 -2.57 -36.68	80.92 -2.04 -35.91	82.93 -2.15 -36.24	69.49 -2.41 -27.43	36.07 -2.04 -1.27	39.83 -1.99 -3.67
STILLWATER___SOLAR 323814	42.32 1.36 0.00	43.06 1.36 0.00	37.38 1.20 0.00	35.46 1.12 0.00	35.75 1.20 0.00	38.43 1.22 0.00	58.49 1.86 0.00	57.79 1.81 0.00	58.44 1.85 0.00	47.01 1.40 0.00	42.34 1.12 0.00	35.80 0.93 0.00	36.70 1.11 0.00	37.15 1.16 0.00	35.96 1.23 0.00	35.77 1.35 0.00	38.13 1.63 0.00	50.94 2.13 0.00	53.21 1.94 0.00	48.74 1.70 0.00	50.70 1.86 0.00	46.23 1.76 0.00	38.36 1.52 0.00	39.57 1.42 0.00
STONY___BROOK 24151	42.76 1.82 0.02	44.56 1.47 -1.39	42.82 0.98 -5.67	37.79 0.97 -2.48	38.05 1.01 -2.48	38.55 1.14 -0.20	58.10 1.59 0.11	24.39 1.87 33.45	25.78 1.96 32.76	41.25 1.76 6.13	46.32 2.29 -2.81	46.66 2.50 -9.28	40.54 2.91 -2.04	42.40 2.77 -3.64	37.80 2.41 -0.65	27.61 1.78 8.60	25.96 1.83 12.36	49.46 2.93 2.28	56.20 3.36 -1.57	50.81 3.01 -0.76	66.38 3.61 -13.93	47.56 3.05 -0.03	39.07 2.06 -0.16	38.91 1.61 0.84
STURGEON_POOL_HYD 23609	42.66 1.70 0.00	43.37 1.66 0.00	37.43 1.25 0.00	35.48 1.14 0.00	35.72 1.17 0.00	38.48 1.27 0.00	58.72 2.09 0.00	58.23 2.26 0.00	58.88 2.29 0.00	47.57 1.96 0.00	43.20 1.98 0.00	36.85 1.97 0.00	37.71 2.12 0.00	38.07 2.08 0.00	36.74 2.01 0.00	36.32 1.90 0.00	38.48 1.98 0.00	51.61 2.80 0.00	54.33 3.06 0.00	49.81 2.77 0.00	51.58 2.75 0.00	46.95 2.48 0.00	38.73 1.89 0.00	39.82 1.67 0.00

ST_LAW_115_BK7_LBMP 345037	41.10 0.14 0.00	41.88 0.18 0.00	36.43 0.25 0.00	34.69 0.35 0.00	34.91 0.36 0.00	37.69 0.48 0.00	57.32 0.69 0.00	56.57 0.59 0.00	57.22 0.64 0.00	46.04 0.43 0.00	41.46 0.24 0.00	34.85 -0.02 0.00	35.43 -0.16 0.00	35.85 -0.14 0.00	34.58 -0.15 0.00	34.34 -0.09 0.00	36.31 -0.19 0.00	48.52 -0.29 0.00	50.97 -0.29 0.00	46.84 -0.21 0.00	48.68 -0.15 0.00	44.42 -0.06 0.00	36.81 -0.03 0.00	38.09 -0.06 0.00
ST_LAW_115_BK8_LBMP 345038	41.10 0.14 0.00	41.88 0.18 0.00	36.43 0.25 0.00	34.69 0.35 0.00	34.91 0.36 0.00	37.69 0.48 0.00	57.32 0.69 0.00	56.57 0.59 0.00	57.22 0.64 0.00	46.04 0.43 0.00	41.46 0.24 0.00	34.85 -0.02 0.00	35.43 -0.16 0.00	35.85 -0.14 0.00	34.58 -0.15 0.00	34.34 -0.09 0.00	36.31 -0.19 0.00	48.52 -0.29 0.00	50.97 -0.29 0.00	46.84 -0.21 0.00	48.68 -0.15 0.00	44.42 -0.06 0.00	36.81 -0.03 0.00	38.09 -0.06 0.00
ST_LAW_230_BK5_LBMP 345035	41.04 0.08 0.00	41.82 0.12 0.00	36.38 0.21 0.00	34.62 0.29 0.00	34.84 0.30 0.00	37.62 0.41 0.00	57.21 0.58 0.00	56.50 0.53 0.00	57.15 0.56 0.00	45.98 0.36 0.00	41.39 0.17 0.00	34.81 -0.07 0.00	35.39 -0.20 0.00	35.82 -0.18 0.00	34.54 -0.19 0.00	34.30 -0.12 0.00	36.27 -0.23 0.00	48.61 -0.33 -0.13	51.99 -0.35 -1.08	47.80 -0.26 -1.02	48.66 -0.20 -0.02	44.37 -0.11 0.00	36.77 -0.07 0.00	38.04 -0.10 0.00
ST_LAW_230_BK6_LBMP 345036	41.04 0.08 0.00	41.82 0.12 0.00	36.38 0.21 0.00	34.62 0.29 0.00	34.84 0.30 0.00	37.62 0.41 0.00	57.21 0.58 0.00	56.50 0.53 0.00	57.15 0.56 0.00	45.98 0.36 0.00	41.39 0.17 0.00	34.81 -0.07 0.00	35.39 -0.20 0.00	35.82 -0.18 0.00	34.54 -0.19 0.00	34.30 -0.12 0.00	36.27 -0.23 0.00	48.61 -0.33 -0.13	51.99 -0.35 -1.08	47.80 -0.26 -1.02	48.66 -0.20 -0.02	44.37 -0.11 0.00	36.77 -0.07 0.00	38.04 -0.10 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	42.86 1.90 0.00	43.52 1.82 0.00	37.52 1.35 0.00	35.55 1.22 0.00	35.84 1.29 0.00	38.62 1.41 0.00	59.00 2.37 0.00	58.52 2.55 0.00	59.15 2.56 0.00	47.85 2.23 0.00	43.54 2.32 0.00	37.14 2.26 0.00	38.04 2.45 0.00	38.40 2.41 0.00	37.05 2.31 0.00	36.60 2.18 0.00	38.72 2.22 0.00	52.00 3.19 0.00	54.80 3.53 0.00	50.22 3.17 0.00	51.96 3.12 0.00	47.29 2.82 0.00	38.99 2.15 0.00	40.08 1.93 0.00
SWANROAD_115KV_TB1 355699	38.63 -2.32 0.00	38.92 -2.78 0.00	33.65 -2.52 0.00	28.17 -2.57 3.59	32.09 -2.46 0.00	32.61 -2.40 2.20	41.58 -3.86 11.19	37.88 -3.91 14.18	44.58 -3.65 8.36	42.66 -2.58 0.37	33.46 -2.23 5.53	24.86 -1.91 8.11	22.82 -1.92 10.85	26.63 -1.62 7.75	22.88 -1.94 9.91	31.13 -2.32 0.98	27.41 -2.53 6.56	35.51 -3.72 9.58	35.09 -3.43 12.75	31.75 -2.81 12.48	33.25 -2.99 12.60	32.51 -2.88 9.09	34.53 -2.29 0.02	36.30 -1.84 0.00
SYNERGY___BIOGAS 323694	40.39 -0.57 0.00	40.68 -1.02 0.00	35.17 -1.00 0.00	30.15 -1.14 3.05	33.67 -0.99 -0.10	35.45 -0.80 0.97	48.24 -1.18 7.21	45.58 -0.98 9.41	51.13 -0.67 4.79	46.66 -0.25 -1.30	38.17 -0.14 2.91	29.65 -0.11 5.12	27.98 -0.20 7.41	30.74 0.01 5.26	27.58 -0.32 6.84	33.75 -0.64 0.04	31.20 -0.77 4.53	40.89 -1.30 6.62	41.54 -0.92 8.80	37.85 -0.58 8.62	39.40 -0.73 8.70	37.49 -0.85 6.13	36.31 -0.66 -0.12	38.24 -0.33 -0.43
SYRACUSE___ENERGY_ST1 323597	40.57 -0.38 0.00	41.23 -0.48 0.00	35.70 -0.47 0.00	33.85 -0.49 0.00	34.09 -0.46 0.00	36.74 -0.47 0.00	56.05 -0.58 0.00	55.49 -0.48 0.00	56.11 -0.48 0.00	45.29 -0.32 0.00	41.02 -0.20 0.00	34.77 -0.11 0.00	35.48 -0.11 0.00	35.88 -0.11 0.00	34.58 -0.16 0.00	34.23 -0.20 0.00	36.30 -0.20 0.00	48.54 -0.27 0.00	51.04 -0.22 0.00	46.84 -0.21 0.00	48.59 -0.24 0.00	44.13 -0.34 0.00	36.53 -0.31 0.00	37.91 -0.23 0.00
SYRACUSE___ENERGY_ST2 323598	40.57 -0.38 0.00	41.23 -0.48 0.00	35.70 -0.47 0.00	33.85 -0.49 0.00	34.09 -0.46 0.00	36.74 -0.47 0.00	56.05 -0.58 0.00	55.49 -0.48 0.00	56.11 -0.48 0.00	45.29 -0.32 0.00	41.02 -0.20 0.00	34.77 -0.11 0.00	35.48 -0.11 0.00	35.88 -0.11 0.00	34.58 -0.16 0.00	34.23 -0.20 0.00	36.30 -0.20 0.00	48.54 -0.27 0.00	51.04 -0.22 0.00	46.84 -0.21 0.00	48.59 -0.24 0.00	44.13 -0.34 0.00	36.53 -0.31 0.00	37.91 -0.23 0.00
SYRACUSE___POWER 24017	40.62 -0.34 0.00	41.27 -0.44 0.00	35.74 -0.43 0.00	34.78 -0.46 -0.91	34.12 -0.43 0.00	37.37 -0.44 -0.60	56.15 -0.53 -0.05	55.58 -0.39 0.00	56.20 -0.39 0.00	45.39 -0.22 0.00	41.10 -0.12 0.00	34.84 -0.04 0.00	35.55 -0.04 0.00	35.96 -0.04 0.00	34.65 -0.08 0.00	34.29 -0.13 0.00	36.37 -0.13 0.00	48.64 -0.18 0.00	51.14 -0.13 0.00	46.92 -0.13 0.00	48.66 -0.18 0.00	44.20 -0.28 0.00	36.59 -0.25 0.00	37.95 -0.19 0.00
TALLMAN_138KV_BK151 55660	42.98 2.02 0.00	43.60 1.89 0.00	37.55 1.38 0.00	35.59 1.25 0.00	35.90 1.35 0.00	38.69 1.48 0.00	59.23 2.60 0.00	58.78 2.80 0.00	59.40 2.82 0.00	48.04 2.42 0.00	43.70 2.48 0.00	37.28 2.40 0.00	38.21 2.62 0.00	38.58 2.59 0.00	37.21 2.47 0.00	36.76 2.33 0.00	38.86 2.36 0.00	52.22 3.41 0.00	55.06 3.79 0.00	50.43 3.39 0.00	52.13 3.30 0.00	47.46 2.98 0.00	39.10 2.26 0.00	40.17 2.02 0.00
TEALLAVE_115KV_TB7 355573	40.36 -0.60 0.00	41.00 -0.70 0.00	35.52 -0.65 0.00	33.67 -0.67 0.00	33.91 -0.64 0.00	36.54 -0.67 0.00	55.71 -0.92 0.00	55.19 -0.78 0.00	55.82 -0.77 0.00	45.09 -0.52 0.00	40.81 -0.41 0.00	34.59 -0.29 0.00	35.33 -0.26 0.00	35.73 -0.27 0.00	34.43 -0.30 0.00	34.06 -0.37 0.00	36.13 -0.37 0.00	48.29 -0.52 0.00	50.75 -0.52 0.00	46.58 -0.47 0.00	48.31 -0.52 0.00	43.90 -0.58 0.00	36.35 -0.49 0.00	37.72 -0.42 0.00
TELGRAPH_34_KV_EAST 80808	39.53 -1.43 0.00	39.81 -1.89 0.00	34.42 -1.75 0.00	29.17 -1.87 3.30	32.81 -1.74 0.00	33.55 -1.63 2.02	44.55 -2.60 9.48	41.45 -2.53 11.99	47.26 -2.25 7.07	43.81 -1.48 0.32	35.27 -1.28 4.67	26.94 -1.08 6.86	25.21 -1.12 9.26	28.54 -0.86 6.59	25.03 -1.19 8.51	32.59 -1.52 0.32	29.16 -1.70 5.64	37.99 -2.59 8.23	38.04 -2.27 10.96	34.55 -1.77 10.73	36.07 -1.93 10.83	34.87 -1.91 7.69	35.43 -1.51 -0.09	37.38 -1.12 -0.35
TEMPLE___115KV_TB 2 55572	40.37 -0.58 0.00	41.02 -0.68 0.00	35.54 -0.64 0.00	33.68 -0.65 0.00	33.92 -0.63 0.00	36.56 -0.65 0.00	55.74 -0.90 0.00	55.21 -0.76 0.00	55.85 -0.73 0.00	45.11 -0.50 0.00	40.83 -0.39 0.00	34.61 -0.26 0.00	35.35 -0.24 0.00	35.74 -0.26 0.00	34.44 -0.29 0.00	34.08 -0.35 0.00	36.14 -0.36 0.00	48.32 -0.50 0.00	50.79 -0.47 0.00	46.60 -0.44 0.00	48.34 -0.50 0.00	43.93 -0.55 0.00	36.36 -0.48 0.00	37.74 -0.41 0.00
TIANA___69_KV_BK 1 55817	42.63 1.69 0.02	14.98 1.26 27.98	-50.53 0.71 87.42	-3.25 0.64 38.21	-3.07 0.67 38.29	34.88 0.80 3.12	51.95 1.16 5.83	23.76 1.49 33.70	25.10 1.53 33.01	40.81 1.37 6.17	0.55 1.91 42.59	1.06 2.14 35.96	36.01 2.60 2.18	21.72 2.45 16.72	36.21 2.11 0.63	27.31 1.55 8.66	25.62 1.59 12.46	33.64 2.58 17.76	30.12 3.03 24.18	38.08 2.71 11.67	57.08 3.31 -4.93	46.75 2.73 0.45	36.08 1.78 2.54	38.62 1.33 0.85

TILDEN___115KV_TB1 80814	40.62 -0.34 0.00	41.27 -0.44 0.00	35.74 -0.43 0.00	34.78 -0.46 -0.91	34.12 -0.43 0.00	37.37 -0.44 -0.60	56.15 -0.53 -0.05	55.58 -0.39 0.00	56.20 -0.39 0.00	45.39 -0.22 0.00	41.10 -0.12 0.00	34.84 -0.04 0.00	35.55 -0.04 0.00	35.96 -0.04 0.00	34.65 -0.08 0.00	34.29 -0.13 0.00	36.37 -0.13 0.00	48.64 -0.18 0.00	51.14 -0.13 0.00	46.92 -0.13 0.00	48.66 -0.18 0.00	44.20 -0.28 0.00	36.59 -0.25 0.00	37.95 -0.19 0.00
TRIGEN___CC 323695	43.16 2.20 0.00	43.62 1.91 0.00	37.55 1.38 0.00	35.65 1.32 0.00	35.94 1.38 0.00	38.75 1.54 0.00	58.80 2.32 0.15	53.68 2.48 4.77	54.14 2.48 4.92	47.16 2.30 0.75	44.47 2.80 -0.44	48.14 2.75 -10.51	43.14 2.99 -4.55	54.39 2.94 -15.46	39.40 2.68 -1.98	35.72 2.18 0.89	37.25 2.22 1.47	51.07 3.32 1.07	55.00 3.73 0.00	50.41 3.36 0.00	71.87 3.64 -19.40	47.66 3.19 0.00	39.18 2.34 0.00	40.13 1.99 0.00
TRINITY___115KV__4 BK 55933	41.06 0.10 0.00	41.86 0.15 0.00	36.39 0.22 0.00	34.56 0.23 0.00	34.77 0.22 0.00	37.31 0.10 0.00	56.59 -0.04 0.00	55.94 -0.03 0.00	56.58 0.00 0.00	45.58 -0.03 0.00	41.15 -0.08 0.00	34.93 0.06 0.00	35.80 0.21 0.00	36.16 0.17 0.00	35.05 0.31 0.00	34.80 0.37 0.00	37.03 0.53 0.00	49.45 0.64 0.00	51.76 0.50 0.00	47.40 0.36 0.00	49.24 0.40 0.00	44.91 0.43 0.00	37.29 0.44 0.00	38.63 0.49 0.00
UNION___PROCESSING_DRP 323587	40.17 -0.78 0.00	40.62 -1.08 0.00	35.14 -1.03 0.00	31.01 -1.09 2.23	33.73 -1.01 -0.19	36.57 -0.92 -0.27	55.79 -1.42 -0.58	55.08 -1.20 -0.30	57.15 -1.01 -1.58	47.87 -0.60 -2.86	42.26 -0.47 -1.51	35.11 -0.41 -0.64	35.02 -0.57 0.00	35.67 -0.46 -0.14	34.06 -0.67 0.00	34.63 -0.81 -1.01	35.56 -0.94 0.00	47.35 -1.46 0.00	49.97 -1.30 0.00	46.04 -1.00 0.00	47.72 -1.12 0.00	43.57 -1.14 -0.23	36.18 -0.89 -0.22	38.16 -0.67 -0.68
UPPER HUDSON___HYD 24058	42.25 1.30 0.00	42.94 1.23 0.00	37.29 1.12 0.00	35.39 1.06 0.00	35.73 1.18 0.00	38.42 1.21 0.00	58.42 1.79 0.00	57.66 1.69 0.00	58.40 1.81 0.00	46.94 1.33 0.00	42.24 1.02 0.00	35.70 0.83 0.00	36.54 0.95 0.00	37.07 1.08 0.00	35.85 1.12 0.00	35.67 1.25 0.00	38.02 1.52 0.00	50.75 1.94 0.00	52.85 1.59 0.00	48.46 1.42 0.00	50.54 1.71 0.00	46.14 1.66 0.00	38.32 1.48 0.00	39.41 1.26 0.00
UPPER RAQUET___HYD 24056	42.17 1.22 0.00	42.98 1.27 0.00	37.40 1.23 0.00	35.62 1.29 0.00	35.87 1.32 0.00	38.71 1.49 0.00	58.79 2.16 0.00	57.74 1.77 0.00	58.14 1.55 0.00	46.91 1.30 0.00	42.39 1.17 0.00	35.62 0.74 0.00	36.08 0.49 0.00	36.49 0.50 0.00	35.17 0.43 0.00	34.93 0.50 0.00	36.75 0.25 0.00	47.40 0.03 1.44	39.17 -0.08 12.01	35.71 0.02 11.35	48.84 0.25 0.24	45.09 0.61 0.00	37.49 0.65 0.00	38.66 0.52 0.00
VALLEY44_115KV_TB2 355964	39.89 -1.06 0.00	40.12 -1.58 0.00	34.54 -1.63 0.00	27.44 -1.98 4.91	32.81 -1.74 0.00	32.24 -1.84 3.14	47.74 -2.68 6.21	46.14 -2.18 7.66	49.84 -2.24 4.51	43.65 -1.76 0.20	36.90 -1.34 2.99	29.53 -0.97 4.37	29.05 -1.06 5.49	31.66 -0.72 3.61	28.80 -1.22 4.72	33.01 -1.51 -0.09	31.73 -1.63 3.14	42.17 -2.05 4.60	43.86 -1.30 6.11	40.11 -0.95 5.99	41.47 -1.32 6.04	38.63 -1.61 4.23	35.58 -1.38 -0.11	37.43 -1.09 -0.38
VALLEY___115KV_TB 1-4 80826	42.09 1.14 0.00	43.04 1.33 0.00	37.22 1.05 0.00	35.32 0.98 0.00	35.36 0.81 0.00	38.02 0.80 0.00	58.02 1.39 0.00	57.07 1.10 0.00	57.40 0.82 0.00	46.24 0.63 0.00	41.84 0.62 0.00	35.45 0.57 0.00	36.23 0.64 0.00	36.57 0.58 0.00	35.35 0.61 0.00	35.12 0.70 0.00	37.51 1.02 0.00	50.27 1.46 0.00	52.72 1.45 0.00	48.35 1.30 0.00	50.19 1.36 0.00	45.75 1.27 0.00	37.87 1.02 0.00	39.09 0.95 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	42.54 1.58 0.00	43.36 1.66 0.00	37.48 1.31 0.00	35.51 1.18 0.00	35.56 1.12 0.11	37.41 1.17 0.97	58.09 1.86 0.40	57.66 1.87 0.17	57.41 1.73 0.90	45.79 1.81 1.64	42.15 1.80 0.87	36.17 1.66 0.37	37.38 1.79 0.00	37.68 1.77 0.08	36.44 1.70 0.00	35.56 1.61 0.47	38.22 1.72 0.00	51.23 2.41 0.00	53.98 2.72 0.00	49.54 2.49 0.00	51.29 2.46 0.00	46.47 2.10 0.11	38.34 1.60 0.10	39.40 1.58 0.32
VISCHER___FERRY HYD 24020	41.79 0.84 0.00	42.56 0.85 0.00	36.95 0.78 0.00	35.06 0.73 0.00	35.31 0.76 0.00	37.92 0.71 0.00	57.62 0.99 0.00	56.92 0.95 0.00	57.57 0.98 0.00	46.33 0.71 0.00	41.76 0.54 0.00	35.36 0.48 0.00	36.23 0.64 0.00	36.64 0.65 0.00	35.52 0.79 0.00	35.31 0.89 0.00	37.66 1.16 0.00	50.30 1.49 0.00	52.55 1.28 0.00	48.10 1.05 0.00	50.02 1.19 0.00	45.66 1.19 0.00	37.91 1.06 0.00	39.15 1.01 0.00
V_A_10_SYNC_DSASP 323832	39.22 -1.74 0.00	39.52 -2.18 0.00	34.16 -2.02 0.00	29.08 -2.11 3.14	32.57 -1.98 0.00	33.31 -1.97 1.94	44.92 -3.30 8.41	42.14 -3.21 10.63	47.32 -3.00 6.26	43.24 -2.10 0.28	35.28 -1.80 4.14	27.27 -1.54 6.07	26.59 -1.53 7.47	29.82 -1.24 4.93	26.90 -1.53 6.31	32.47 -1.74 0.21	30.35 -1.97 4.18	39.82 -2.89 6.10	40.46 -2.69 8.12	36.92 -2.18 7.95	38.48 -2.33 8.03	36.57 -2.21 5.70	35.22 -1.70 -0.08	37.04 -1.38 -0.28
V_CMM_10_SYNC_DSASP 323787	41.30 0.35 0.00	42.09 0.39 0.00	36.61 0.44 0.00	34.86 0.52 0.00	35.08 0.53 0.00	37.88 0.67 0.00	57.61 0.98 0.00	56.87 0.90 0.00	57.50 0.92 0.00	46.27 0.66 0.00	41.67 0.45 0.00	35.03 0.15 0.00	35.62 0.02 0.00	36.04 0.04 0.00	34.76 0.02 0.00	34.52 0.09 0.00	36.50 0.00 0.00	48.79 -0.03 0.00	51.25 -0.02 0.00	47.09 0.05 0.00	48.94 0.10 0.00	44.66 0.19 0.00	37.01 0.17 0.00	38.29 0.14 0.00
V_CMP_10_SYNC_DSASP 323788	40.87 -0.09 0.00	41.88 0.18 0.00	36.62 0.44 0.00	34.96 0.63 0.00	35.24 0.69 0.00	38.17 0.96 0.00	58.15 1.52 0.00	57.16 1.19 0.00	57.90 1.32 0.00	46.44 0.82 0.00	41.45 0.23 0.00	34.62 -0.25 0.00	34.93 -0.66 0.00	35.29 -0.70 0.00	34.03 -0.70 0.00	33.74 -0.69 0.00	35.63 -0.87 0.00	38.75 -1.33 8.73	-23.08 -1.57 72.78	-23.11 -1.38 68.77	46.37 -1.02 1.45	43.84 -0.63 0.00	36.46 -0.38 0.00	37.62 -0.52 0.00
V_D_10_SYNC_DSASP 323841	41.73 0.77 0.00	42.52 0.81 0.00	36.99 0.82 0.00	35.21 0.88 0.00	35.44 0.89 0.00	38.28 1.06 0.00	58.21 1.58 0.00	57.41 1.44 0.00	58.00 1.42 0.00	46.71 1.09 0.00	42.08 0.86 0.00	35.37 0.49 0.00	35.94 0.35 0.00	36.36 0.37 0.00	35.07 0.33 0.00	34.83 0.40 0.00	36.81 0.31 0.00	48.91 0.34 0.24	49.59 0.36 2.03	45.52 0.40 1.92	49.29 0.49 0.04	45.05 0.57 0.00	37.35 0.51 0.00	38.62 0.48 0.00
V_E_10_SYNC_DSASP 323830	43.64 2.39 -0.29	44.03 2.17 -0.16	38.01 1.68 -0.16	41.08 1.40 -5.35	35.39 0.81 -0.03	40.53 1.01 -2.32	60.58 1.78 -2.17	60.55 1.47 -3.11	58.20 0.83 -0.79	45.29 1.63 1.95	42.69 1.48 0.01	37.25 1.27 -1.10	39.22 1.21 -2.42	39.00 1.18 -1.83	38.16 1.01 -2.42	34.99 0.87 0.31	39.09 1.02 -1.56	52.48 1.38 -2.28	55.98 1.67 -3.04	51.72 1.70 -2.98	53.51 1.67 -3.00	47.77 1.25 -2.04	37.59 0.86 0.11	38.56 0.78 0.36

V_F_30_NSYNC___DSASP 323816	42.37 1.42 0.00	43.12 1.42 0.00	37.42 1.25 0.00	35.50 1.17 0.00	35.80 1.25 0.00	38.48 1.27 0.00	58.57 1.94 0.00	57.87 1.90 0.00	58.52 1.94 0.00	47.09 1.48 0.00	42.44 1.22 0.00	35.87 1.00 0.00	36.78 1.18 0.00	37.21 1.22 0.00	36.03 1.29 0.00	35.83 1.40 0.00	38.17 1.67 0.00	51.01 2.20 0.00	53.29 2.03 0.00	48.83 1.78 0.00	50.78 1.94 0.00	46.30 1.82 0.00	38.40 1.56 0.00	39.61 1.47 0.00
V_F_30_SYNC_DSASP 323786	41.31 0.35 0.00	42.11 0.40 0.00	36.60 0.43 0.00	34.76 0.43 0.00	34.96 0.41 0.00	37.53 0.32 0.00	56.96 0.33 0.00	56.34 0.36 0.00	56.97 0.39 0.00	45.91 0.30 0.00	41.43 0.21 0.00	35.18 0.31 0.00	36.06 0.47 0.00	36.43 0.44 0.00	35.29 0.56 0.00	35.04 0.62 0.00	37.30 0.80 0.00	49.82 1.00 0.00	52.15 0.88 0.00	47.76 0.71 0.00	49.58 0.74 0.00	45.20 0.73 0.00	37.51 0.67 0.00	38.88 0.73 0.00
V_XM_10_SYNC_DSASP 323789	40.87 -0.09 0.00	41.88 0.18 0.00	36.61 0.44 0.00	34.96 0.63 0.00	35.24 0.69 0.00	38.17 0.96 0.00	58.15 1.52 0.00	57.16 1.19 0.00	57.90 1.32 0.00	46.44 0.82 0.00	41.45 0.23 0.00	34.62 -0.25 0.00	34.93 -0.66 0.00	35.29 -0.70 0.00	34.03 -0.70 0.00	33.74 -0.69 0.00	35.63 -0.87 0.00	38.75 -1.33 8.73	-23.08 -1.57 72.78	-23.11 -1.38 68.77	46.37 -1.02 1.45	43.84 -0.63 0.00	36.46 -0.38 0.00	37.62 -0.52 0.00
W.BABYLN_69_KV_BK1 56697	43.47 2.52 0.00	43.84 2.16 0.03	37.69 1.52 0.00	35.78 1.45 0.00	36.05 1.50 0.00	38.89 1.68 0.00	58.80 2.57 0.40	29.79 2.75 28.93	30.93 2.77 28.42	43.05 2.53 5.10	44.38 3.03 -0.13	45.10 3.01 -7.21	41.19 3.23 -2.37	44.62 3.19 -5.43	38.51 2.88 -0.89	29.55 2.25 7.12	28.57 2.35 10.28	49.66 3.63 2.78	55.40 4.13 0.00	50.77 3.73 0.00	67.39 4.28 -14.27	48.16 3.68 0.00	39.44 2.60 0.00	39.73 2.21 0.63
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	43.17 2.22 0.00	43.80 2.09 0.00	37.73 1.56 0.00	35.75 1.42 0.00	36.05 1.50 0.00	38.87 1.66 0.00	59.54 2.91 0.00	59.12 3.14 0.00	59.75 3.17 0.00	48.33 2.71 0.00	43.94 2.72 0.00	37.49 2.61 0.00	38.42 2.83 0.00	38.78 2.79 0.00	37.40 2.67 0.00	36.95 2.52 0.00	39.06 2.57 0.00	52.50 3.69 0.00	55.33 4.07 0.00	50.69 3.65 0.00	52.41 3.57 0.00	47.69 3.22 0.00	39.30 2.46 0.00	40.36 2.21 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	43.25 2.29 0.00	43.85 2.14 0.00	37.80 1.63 0.00	35.83 1.49 0.00	36.14 1.58 0.00	38.98 1.77 0.00	59.60 2.97 0.00	59.08 3.11 0.00	59.77 3.19 0.00	48.52 2.90 0.00	44.21 2.99 0.00	37.74 2.86 0.00	38.64 3.04 0.00	38.99 2.99 0.00	37.59 2.85 0.00	37.12 2.69 0.00	39.16 2.67 0.00	52.60 2.79 0.00	55.40 3.79 0.00	50.83 3.79 0.00	52.54 3.71 0.00	47.79 3.32 0.00	39.41 2.57 0.00	40.44 2.29 0.00
W50THST__13_KV_LOAD 356117	43.45 2.50 0.00	44.06 2.35 0.00	37.98 1.80 0.00	35.99 1.66 0.00	36.31 1.76 0.00	39.17 1.96 0.00	59.93 3.29 0.00	59.40 3.43 0.00	60.11 3.52 0.00	48.82 3.21 0.00	44.52 3.29 0.00	38.00 3.12 0.00	38.90 3.30 0.00	39.25 3.26 0.00	37.84 3.10 0.00	37.38 2.95 0.00	39.42 2.92 0.00	52.94 4.13 0.00	55.70 4.43 0.00	51.10 4.06 0.00	52.82 3.98 0.00	48.05 3.57 0.00	39.61 2.77 0.00	40.63 2.49 0.00
WADING RIVER_IC_1 23522	42.31 1.37 0.02	21.49 0.96 21.18	-29.18 0.53 65.88	6.14 0.60 28.80	6.34 0.64 28.86	35.64 0.78 2.36	53.18 1.06 4.51	23.59 1.35 33.73	24.96 1.41 33.03	40.79 1.36 6.18	10.91 1.77 32.08	11.49 2.12 25.50	36.93 2.56 1.22	26.30 2.36 12.05	36.44 2.05 0.34	27.22 1.46 8.67	25.53 1.50 12.47	37.06 2.44 14.18	35.89 2.84 18.22	40.77 2.52 8.79	58.92 3.08 -7.00	46.71 2.58 0.34	36.60 1.67 1.92	38.51 1.22 0.86
WADING RIVER_IC_2 23547	42.31 1.37 0.02	21.49 0.96 21.18	-29.18 0.53 65.88	6.14 0.60 28.80	6.34 0.64 28.86	35.64 0.78 2.36	53.18 1.06 4.51	23.59 1.35 33.73	24.96 1.41 33.03	40.79 1.36 6.18	10.91 1.77 32.08	11.49 2.12 25.50	36.93 2.56 1.22	26.30 2.36 12.05	36.44 2.05 0.34	27.22 1.46 8.67	25.53 1.50 12.47	37.06 2.44 14.18	35.89 2.84 18.22	40.77 2.52 8.79	58.92 3.08 -7.00	46.71 2.58 0.34	36.60 1.67 1.92	38.51 1.22 0.86
WADING RIVER_IC_3 23601	42.31 1.37 0.02	21.49 0.96 21.18	-29.18 0.53 65.88	6.14 0.60 28.80	6.34 0.64 28.86	35.64 0.78 2.36	53.18 1.06 4.51	23.59 1.35 33.73	24.96 1.41 33.03	40.79 1.36 6.18	10.91 1.77 32.08	11.49 2.12 25.50	36.93 2.56 1.22	26.30 2.36 12.05	36.44 2.05 0.34	27.22 1.46 8.67	25.53 1.50 12.47	37.06 2.44 14.18	35.89 2.84 18.22	40.77 2.52 8.79	58.92 3.08 -7.00	46.71 2.58 0.34	36.60 1.67 1.92	38.51 1.22 0.86
WALDENNY_12_KV_BK2 80841	39.54 -1.42 0.00	39.74 -1.96 0.00	34.28 -1.90 0.00	28.11 -2.15 4.08	32.54 -2.01 0.00	32.70 -2.02 2.49	39.89 -3.23 13.51	35.78 -3.05 17.14	43.68 -2.80 10.10	43.28 -1.89 0.45	32.95 -1.59 6.68	23.75 -1.32 9.80	20.98 -1.35 13.26	25.38 -1.07 9.55	21.09 -1.43 12.22	31.48 -1.74 1.20	26.43 -1.99 8.08	34.08 -2.93 11.81	33.01 -2.54 15.71	29.65 -2.01 15.38	31.09 -2.22 15.53	31.08 -2.19 11.21	35.10 -1.72 0.03	36.83 -1.31 0.00
WALDEN__HYDRO 24148	43.01 2.05 0.00	43.67 1.97 0.00	37.65 1.47 0.00	35.68 1.35 0.00	35.96 1.41 0.00	38.77 1.55 0.00	59.24 2.61 0.00	58.77 2.79 0.00	59.40 2.82 0.00	48.02 2.41 0.00	43.70 2.48 0.00	37.28 2.40 0.00	38.13 2.54 0.00	38.51 2.52 0.00	37.17 2.44 0.00	36.72 2.29 0.00	38.87 2.37 0.00	52.20 3.38 0.00	55.00 3.73 0.00	50.41 3.37 0.00	52.15 3.32 0.00	47.47 3.00 0.00	39.15 2.31 0.00	40.24 2.10 0.00
WARRENSBURG____ 23737	42.26 1.30 0.00	42.94 1.23 0.00	37.30 1.13 0.00	35.39 1.06 0.00	35.73 1.18 0.00	38.42 1.21 0.00	58.43 1.80 0.00	57.66 1.69 0.00	58.40 1.82 0.00	46.95 1.33 0.00	42.26 1.04 0.00	35.70 0.83 0.00	36.54 0.95 0.00	37.06 1.07 0.00	35.85 1.12 0.00	35.67 1.25 0.00	38.02 1.52 0.00	50.75 1.94 0.00	52.85 1.59 0.00	48.47 1.42 0.00	50.54 1.71 0.00	46.14 1.66 0.00	38.32 1.48 0.00	39.41 1.26 0.00
WATERSIDE____6 8 9 23538	43.15 2.19 0.00	43.74 2.03 0.00	37.72 1.54 0.00	35.77 1.44 0.00	36.06 1.51 0.00	38.91 1.70 0.00	59.44 2.81 0.00	58.86 2.88 0.00	59.58 2.99 0.00	48.39 2.78 0.00	44.10 2.88 0.00	37.68 2.80 0.00	38.57 2.97 0.00	38.88 2.89 0.00	37.53 2.79 0.00	37.05 2.62 0.00	39.06 2.56 0.00	52.45 3.63 0.00	55.20 3.93 0.00	50.69 3.65 0.00	52.39 3.56 0.00	47.69 3.22 0.00	39.33 2.48 0.00	40.33 2.18 0.00
WATKINRD_115KV_LN8_ILLION 55919	41.76 0.81 0.00	42.63 0.93 0.00	36.90 0.73 0.00	35.01 0.68 0.00	35.13 0.58 0.00	37.77 0.56 0.00	57.60 0.97 0.00	56.79 0.82 0.00	57.21 0.62 0.00	46.08 0.47 0.00	41.68 0.46 0.00	35.33 0.45 0.00	36.10 0.51 0.00	36.46 0.46 0.00	35.22 0.48 0.00	34.97 0.54 0.00	37.29 0.80 0.00	49.95 1.14 0.00	52.40 1.13 0.00	48.06 1.01 0.00	49.88 1.05 0.00	45.46 0.98 0.00	37.62 0.77 0.00	38.87 0.73 0.00

WDELAWARE___HYD 323627	42.39 1.43 0.00	43.06 1.36 0.00	37.15 0.98 0.00	35.21 0.88 0.00	35.47 0.92 0.00	38.25 1.04 0.00	58.48 1.85 0.00	57.99 2.02 0.00	58.60 2.02 0.00	47.34 1.73 0.00	42.99 1.77 0.00	36.68 1.80 0.00	37.40 1.81 0.00	37.80 1.81 0.00	36.48 1.75 0.00	36.09 1.67 0.00	38.26 1.76 0.00	51.39 2.58 0.00	54.16 2.89 0.00	49.66 2.62 0.00	51.38 2.54 0.00	46.72 2.25 0.00	38.55 1.71 0.00	39.61 1.47 0.00
WEST BABYLON___IC 23714	43.47 2.52 0.00	43.84 2.16 0.03	37.69 1.52 0.00	35.78 1.45 0.00	36.05 1.50 0.00	38.89 1.68 0.00	58.80 2.57 0.40	29.79 2.75 28.93	30.93 2.77 28.42	43.05 2.53 5.10	44.38 3.03 -0.13	45.10 3.01 -7.21	41.19 3.23 -2.37	44.62 3.19 -5.43	38.51 2.88 -0.89	29.55 2.25 7.12	28.57 2.35 10.28	49.66 3.63 2.78	55.40 4.13 0.00	50.77 3.73 0.00	67.39 4.28 -14.27	48.16 3.68 0.00	39.44 2.60 0.00	39.73 2.21 0.63
WEST CANADA___HYD 24049	41.08 0.12 0.00	41.85 0.14 0.00	36.27 0.10 0.00	34.40 0.07 0.00	34.61 0.06 0.00	37.25 0.04 0.00	56.67 0.05 0.00	56.00 0.02 0.00	56.58 -0.01 0.00	45.59 -0.02 0.00	41.24 0.02 0.00	34.95 0.07 0.00	35.70 0.10 0.00	36.10 0.11 0.00	34.84 0.11 0.00	34.53 0.10 0.00	36.65 0.15 0.00	49.02 0.21 0.00	51.47 0.21 0.00	47.23 0.18 0.00	48.99 0.16 0.00	44.62 0.15 0.00	36.96 0.11 0.00	38.24 0.09 0.00
WESTERN_NY_WIND 24143	40.33 -0.63 0.00	40.62 -1.08 0.00	35.12 -1.05 0.00	30.01 -1.20 3.13	33.60 -1.04 -0.09	35.27 -0.86 1.09	47.51 -1.29 7.83	44.69 -1.10 10.18	50.50 -0.78 5.30	46.42 -0.34 -1.15	37.72 -0.23 3.27	29.11 -0.18 5.59	27.34 -0.26 7.99	30.27 -0.05 5.68	26.99 -0.38 7.37	33.60 -0.71 0.13	30.79 -0.83 4.88	40.29 -1.40 7.12	40.77 -1.02 9.48	37.10 -0.66 9.28	38.64 -0.82 9.37	36.93 -0.92 6.62	36.23 -0.73 -0.11	38.17 -0.39 -0.41
WESTOVER___LESR 323668	41.07 0.11 0.00	41.64 -0.06 0.00	36.03 -0.14 0.00	32.07 -0.32 1.94	34.00 -0.24 0.30	32.73 -0.32 4.16	55.12 -0.25 1.25	55.43 -0.04 0.50	53.87 -0.14 2.57	40.93 -0.02 4.66	38.91 0.17 2.47	34.15 0.32 1.05	37.01 0.37 -1.05	37.66 0.49 -1.18	36.06 0.29 -1.03	33.33 0.12 1.22	36.65 0.15 0.00	49.07 0.26 0.00	51.77 0.51 0.00	47.52 0.47 0.00	49.25 0.42 0.00	44.38 0.18 0.28	36.68 0.10 0.27	37.41 0.10 0.83
WETHRSFD_WT_PWR 323626	39.30 -1.66 0.00	39.25 -2.45 0.00	33.64 -2.53 0.00	25.15 -3.08 6.10	28.05 -3.05 3.45	-2.08 -3.23 36.06	-12.54 -4.84 64.33	-20.14 -4.57 71.54	-16.07 -4.66 67.99	-12.36 -3.49 54.48	-15.38 -2.96 53.65	-17.07 -2.41 49.53	-20.70 -2.36 53.93	-9.40 -2.19 43.20	-19.65 -2.50 51.89	8.77 -2.89 22.77	-0.76 -3.03 34.23	-5.38 -4.17 50.02	-19.10 -3.80 66.56	-21.41 -3.29 65.17	-20.41 -3.43 65.81	-10.51 -3.39 51.60	30.07 -2.73 4.04	23.71 -2.45 11.99
WHAVSTOR_138KV_BK127 55557	42.93 1.97 0.00	43.56 1.85 0.00	37.52 1.35 0.00	35.57 1.23 0.00	35.87 1.32 0.00	38.67 1.46 0.00	59.30 2.67 0.00	58.85 2.87 0.00	59.48 2.90 0.00	48.08 2.47 0.00	43.66 2.44 0.00	37.25 2.37 0.00	38.17 2.58 0.00	38.53 2.54 0.00	37.16 2.43 0.00	36.71 2.28 0.00	38.80 2.30 0.00	52.13 3.32 0.00	54.96 3.69 0.00	50.35 3.30 0.00	52.07 3.23 0.00	47.38 2.90 0.00	39.05 2.21 0.00	40.13 1.98 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	42.93 1.97 0.00	43.56 1.85 0.00	37.52 1.35 0.00	35.57 1.23 0.00	35.87 1.32 0.00	38.67 1.46 0.00	59.30 2.67 0.00	58.85 2.87 0.00	59.48 2.90 0.00	48.08 2.47 0.00	43.66 2.44 0.00	37.25 2.37 0.00	38.17 2.58 0.00	38.53 2.54 0.00	37.16 2.43 0.00	36.71 2.28 0.00	38.80 2.30 0.00	52.13 3.32 0.00	54.96 3.69 0.00	50.35 3.30 0.00	52.07 3.23 0.00	47.38 2.90 0.00	39.05 2.21 0.00	40.13 1.98 0.00
WHITEHAL_115KV_TB1 80871	43.24 2.28 0.00	43.78 2.07 0.00	38.20 2.03 0.00	36.27 1.93 0.00	36.77 2.22 0.00	39.58 2.37 0.00	60.47 3.84 0.00	59.04 3.07 0.00	60.05 3.47 0.00	48.02 2.41 0.00	43.28 2.06 0.00	36.57 1.69 0.00	37.34 1.75 0.00	38.27 2.28 0.00	37.00 2.27 0.00	36.90 2.47 0.00	39.34 2.84 0.00	52.21 3.40 0.00	53.72 2.45 0.00	49.36 2.31 0.00	51.65 2.81 0.00	47.24 2.77 0.00	39.47 2.63 0.00	40.66 2.51 0.00
WHITEPLN_13_KV_LOAD 356215	43.34 2.38 0.00	43.96 2.26 0.00	37.88 1.71 0.00	35.89 1.56 0.00	36.20 1.65 0.00	39.03 1.82 0.00	59.70 3.07 0.00	59.27 3.29 0.00	59.93 3.35 0.00	48.55 2.94 0.00	44.25 3.03 0.00	37.76 2.88 0.00	38.65 3.05 0.00	39.01 3.02 0.00	37.63 2.89 0.00	37.17 2.74 0.00	39.27 2.77 0.00	52.75 3.94 0.00	55.58 4.32 0.00	50.96 3.92 0.00	52.69 3.85 0.00	47.94 3.47 0.00	39.49 2.65 0.00	40.53 2.39 0.00
WM_FLOYD_69_KV_BK2 356380	42.59 1.65 0.02	0.35 1.27 42.62	-96.77 0.81 133.75	-23.30 0.83 58.47	-23.14 0.88 58.58	33.45 1.02 4.78	49.39 1.43 8.67	24.14 1.77 33.60	25.50 1.83 32.91	41.04 1.58 6.16	-21.82 2.13 65.17	-21.25 2.32 58.45	34.09 2.76 4.26	11.85 2.58 26.73	35.76 2.29 1.26	27.50 1.71 8.63	25.84 1.77 12.42	26.15 2.78 25.44	17.48 3.20 36.99	32.05 2.86 17.86	52.76 3.43 -0.49	46.67 2.89 0.69	34.88 1.93 3.89	38.78 1.49 0.85
WOODARD___115KV_TB2 355635	40.30 -0.65 0.00	40.96 -0.75 0.00	35.48 -0.69 0.00	33.64 -0.69 0.00	33.88 -0.67 0.00	36.51 -0.71 0.00	55.64 -1.00 0.00	55.10 -0.87 0.00	55.74 -0.85 0.00	45.00 -0.61 0.00	40.73 -0.49 0.00	34.52 -0.36 0.00	35.24 -0.35 0.00	35.65 -0.34 0.00	34.35 -0.38 0.00	33.99 -0.43 0.00	36.06 -0.44 0.00	48.19 -0.62 0.00	50.65 -0.61 0.00	46.49 -0.56 0.00	48.22 -0.62 0.00	43.82 -0.65 0.00	36.29 -0.55 0.00	37.67 -0.47 0.00
WOODMERE_69_KV_BK1 55827	43.68 2.67 -0.05	44.04 2.33 0.00	37.91 1.74 0.00	35.97 1.64 0.00	36.25 1.70 0.00	39.09 1.88 0.00	59.32 2.82 0.13	58.29 2.92 0.60	58.64 2.91 0.85	48.16 2.70 0.15	45.27 3.26 -0.80	49.30 3.16 -11.27	45.65 3.41 -6.65	68.16 3.38 -28.78	41.05 3.08 -3.24	36.94 2.52 0.01	38.83 2.59 0.25	51.72 3.82 0.91	55.56 4.30 0.00	50.90 3.85 0.00	71.54 4.15 -18.55	48.12 3.64 0.00	39.57 2.73 0.00	41.49 2.36 -0.98
YORK___WARBASSE 23770	43.30 2.35 0.00	43.89 2.18 0.00	37.82 1.65 0.00	35.88 1.54 0.00	36.19 1.65 0.00	39.07 1.85 0.00	59.71 3.08 0.00	59.15 3.18 0.00	59.86 3.28 0.00	48.55 2.94 0.00	44.22 3.00 0.00	37.76 2.89 0.00	38.63 3.04 0.00	38.96 2.97 0.00	37.62 2.88 0.00	37.13 2.71 0.00	39.18 2.69 0.00	52.66 3.84 0.00	55.50 4.23 0.00	50.91 3.87 0.00	52.57 3.74 0.00	47.82 3.34 0.00	39.43 2.59 0.00	40.44 2.29 0.00