

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/05/2026

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	53.92	52.38	47.09	40.42	41.18	40.54	42.91	45.79	45.53	40.99	41.84	46.97	52.50	63.23	62.43	61.16	53.64	50.79	51.08	56.43	52.27	50.37	52.22	48.86
24138	2.42	2.19	1.80	1.49	1.46	1.40	1.55	1.70	1.86	1.98	2.29	2.79	3.06	3.61	3.74	3.97	3.31	2.62	2.46	2.36	2.20	2.30	2.49	2.34
	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	54.07	52.52	47.22	40.53	41.29	40.65	43.03	45.91	45.64	41.07	41.91	47.04	52.61	63.38	62.58	61.31	53.73	50.82	51.12	56.49	52.32	50.47	52.37	48.98
24260	2.57	2.34	1.93	1.60	1.57	1.51	1.67	1.82	1.96	2.06	2.36	2.86	3.17	3.76	3.89	4.12	3.40	2.64	2.50	2.42	2.25	2.40	2.64	2.46
	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	54.07	52.52	47.22	40.53	41.29	40.65	43.03	45.91	45.64	41.07	41.91	47.04	52.61	63.38	62.58	61.31	53.73	50.82	51.12	56.49	52.32	50.47	52.37	48.98
24261	2.57	2.34	1.93	1.60	1.57	1.51	1.67	1.82	1.96	2.06	2.36	2.86	3.17	3.76	3.89	4.12	3.40	2.64	2.50	2.42	2.25	2.40	2.64	2.46
	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	53.71	52.45	47.27	40.56	41.40	40.80	42.95	45.71	45.06	40.18	40.42	45.26	50.77	60.94	60.04	58.69	51.46	49.61	50.66	56.31	52.36	50.11	51.99	48.67
24011	2.21	2.26	1.99	1.63	1.68	1.67	1.59	1.62	1.38	1.17	0.86	1.07	1.33	1.32	1.35	1.51	1.13	1.43	2.04	2.25	2.29	2.04	2.26	2.15
	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	54.14	52.86	47.59	40.83	41.65	41.04	43.20	45.97	45.30	40.41	40.62	45.44	51.02	61.17	60.17	58.88	51.55	49.76	50.90	56.58	52.60	50.27	52.18	48.93
23798	2.64	2.67	2.30	1.89	1.93	1.90	1.85	1.88	1.63	1.40	1.06	1.25	1.58	1.55	1.48	1.70	1.22	1.58	2.27	2.51	2.53	2.21	2.46	2.41
	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	53.71	52.45	47.27	40.56	41.40	40.80	42.95	45.71	45.06	40.18</														

ALBANY___2 23572	51.18 -0.32 0.00	50.02 -0.17 0.00	45.15 -0.14 0.00	38.83 -0.11 0.00	39.71 -0.01 0.00	39.09 -0.05 0.00	41.18 -0.17 0.00	43.89 -0.20 0.00	43.51 -0.17 0.00	38.90 -0.11 0.00	39.38 -0.18 0.00	44.06 -0.13 0.00	49.39 -0.05 0.00	59.59 -0.03 0.00	58.79 0.10 0.00	57.42 0.23 0.00	50.46 0.13 0.00	48.11 -0.06 0.00	48.58 -0.04 0.00	53.86 0.00 0.00	49.98 -0.09 0.00	48.03 -0.04 0.00	49.79 0.06 0.00	46.57 0.05 0.00
ALBANY___3 23573	51.18 -0.32 0.00	50.02 -0.17 0.00	45.15 -0.14 0.00	38.83 -0.11 0.00	39.71 -0.01 0.00	39.09 -0.05 0.00	41.18 -0.17 0.00	43.89 -0.20 0.00	43.51 -0.17 0.00	38.90 -0.11 0.00	39.38 -0.18 0.00	44.06 -0.13 0.00	49.39 -0.05 0.00	59.59 -0.03 0.00	58.79 0.10 0.00	57.42 0.23 0.00	50.46 0.13 0.00	48.11 -0.06 0.00	48.58 -0.04 0.00	53.86 -0.21 0.00	49.98 -0.09 0.00	48.03 -0.04 0.00	49.79 0.06 0.00	46.57 0.05 0.00
ALBANY___4 23574	51.18 -0.32 0.00	50.02 -0.17 0.00	45.15 -0.14 0.00	38.83 -0.11 0.00	39.71 -0.01 0.00	39.09 -0.05 0.00	41.18 -0.17 0.00	43.89 -0.20 0.00	43.51 -0.17 0.00	38.90 -0.11 0.00	39.38 -0.18 0.00	44.06 -0.13 0.00	49.39 -0.05 0.00	59.59 -0.03 0.00	58.79 0.10 0.00	57.42 0.23 0.00	50.46 0.13 0.00	48.11 -0.06 0.00	48.58 -0.04 0.00	53.86 -0.21 0.00	49.98 -0.09 0.00	48.03 -0.04 0.00	49.79 0.06 0.00	46.57 0.05 0.00
ALBANY___LFGE 323615	51.74 0.24 0.00	50.59 0.40 0.00	45.65 0.37 0.00	39.25 0.31 0.00	40.15 0.43 0.00	39.52 0.38 0.00	41.62 0.27 0.00	44.35 0.26 0.00	43.95 0.27 0.00	39.30 0.28 0.00	39.78 0.22 0.00	44.54 0.35 0.00	49.94 0.50 0.00	60.25 0.63 0.00	59.44 0.75 0.00	58.10 0.91 0.00	51.06 0.73 0.00	48.70 0.52 0.00	49.19 0.57 0.00	54.53 0.46 0.00	50.59 0.52 0.00	48.61 0.54 0.00	50.37 0.64 0.00	47.10 0.57 0.00
ALCOA_PA_115KV_PL-6C 55860	52.11 0.61 0.00	50.70 0.51 0.00	45.70 0.41 0.00	39.35 0.41 0.00	40.12 0.40 0.00	39.61 0.47 0.00	42.01 0.66 0.00	44.80 0.71 0.00	44.46 0.78 0.00	39.63 0.62 0.00	40.14 0.58 0.00	44.63 0.44 0.00	49.99 0.55 0.00	60.20 0.59 0.00	59.05 0.36 0.00	57.44 0.25 0.00	50.80 0.47 0.00	48.66 0.48 0.00	48.96 0.34 0.00	54.55 0.48 0.00	50.58 0.51 0.00	48.48 0.41 0.00	50.12 0.40 0.00	46.88 0.36 0.00
ALCOA_RYNLDS___DRP 24188	52.10 0.60 0.00	50.70 0.51 0.00	45.70 0.41 0.00	39.36 0.42 0.00	40.12 0.40 0.00	39.61 0.47 0.00	42.01 0.66 0.00	44.80 0.71 0.00	44.46 0.78 0.00	39.63 0.62 0.00	40.14 0.58 0.00	44.63 0.45 0.00	49.99 0.55 0.00	60.20 0.59 0.00	59.05 0.36 0.00	57.44 0.25 0.00	50.81 0.48 0.00	48.66 0.49 0.00	48.96 0.34 0.00	54.55 0.48 0.00	50.58 0.51 0.00	48.49 0.42 0.00	50.12 0.40 0.00	46.88 0.36 0.00
ALCOA___DSASP 323711	52.10 0.60 0.00	50.70 0.51 0.00	45.70 0.41 0.00	39.36 0.42 0.00	40.12 0.40 0.00	39.61 0.47 0.00	42.01 0.66 0.00	44.80 0.71 0.00	44.46 0.78 0.00	39.63 0.62 0.00	40.14 0.58 0.00	44.63 0.45 0.00	49.99 0.55 0.00	60.20 0.59 0.00	59.05 0.36 0.00	57.44 0.25 0.00	50.81 0.48 0.00	48.66 0.49 0.00	48.96 0.34 0.00	54.55 0.48 0.00	50.58 0.51 0.00	48.49 0.42 0.00	50.12 0.40 0.00	46.88 0.36 0.00
ALLEGHENY___COGEN 23514	53.51 2.01 0.00	51.96 1.76 0.00	46.56 1.27 0.00	39.97 1.03 0.00	40.72 1.00 0.00	40.18 1.04 0.00	42.19 0.84 0.00	45.06 0.97 0.00	43.95 0.28 0.00	38.61 -0.41 0.00	39.45 -0.10 0.00	43.95 -0.23 0.00	49.23 -0.21 0.00	59.61 -0.01 0.00	58.60 -0.09 0.00	56.79 -0.39 0.00	50.18 -0.15 0.00	48.56 0.39 0.00	49.44 0.82 0.00	56.31 2.25 0.00	51.81 1.74 0.00	49.49 1.47 0.04	50.93 1.24 0.04	47.47 0.95 0.00
ALTAMONT_115KV_TB 2 55880	51.92 0.42 0.00	50.70 0.51 0.00	45.73 0.44 0.00	39.32 0.38 0.00	40.16 0.44 0.00	39.54 0.40 0.00	41.69 0.34 0.00	44.43 0.33 0.00	43.98 0.30 0.00	39.30 0.29 0.00	39.82 0.27 0.00	44.59 0.41 0.00	49.98 0.54 0.00	60.30 0.69 0.00	59.44 0.75 0.00	58.06 0.87 0.00	50.99 0.66 0.00	48.70 0.52 0.00	49.18 0.55 0.00	54.58 0.51 0.00	50.63 0.56 0.00	48.65 0.58 0.00	50.40 0.68 0.00	47.15 0.63 0.00
ALTONA_WT_PWR 323606	52.12 0.62 0.00	50.73 0.54 0.00	45.73 0.44 0.00	39.39 0.45 0.00	40.18 0.46 0.00	39.64 0.50 0.00	41.99 0.64 0.00	44.78 0.69 0.00	44.42 0.74 0.00	39.64 0.63 0.00	40.15 0.59 0.00	44.69 0.51 0.00	50.12 0.67 0.00	60.42 0.80 0.00	59.27 0.58 0.00	57.64 0.45 0.00	50.80 0.47 0.00	48.73 0.55 0.00	49.10 0.48 0.00	54.69 0.62 0.00	50.64 0.57 0.00	48.35 0.28 0.00	50.11 0.38 0.00	46.91 0.39 0.00
AMERICAN_REF_FUEL 24010	49.29 -1.59 0.62	43.99 -1.72 4.48	38.34 -2.06 4.89	33.38 -1.74 3.81	35.29 -1.74 2.69	34.64 -1.80 2.71	38.81 -2.25 0.29	41.99 -2.10 0.00	41.74 -1.94 0.00	36.76 -1.79 0.47	37.70 -1.86 0.00	39.40 -2.09 2.70	43.68 -2.23 3.53	52.39 -3.05 4.18	53.24 -3.32 2.14	53.01 -4.17 0.00	46.01 -3.59 0.73	41.61 -2.87 3.69	40.69 -3.08 4.85	47.65 -2.94 3.48	46.12 -3.27 0.69	44.79 -3.23 0.05	46.32 -3.37 0.05	43.35 -3.17 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	50.98 0.39 0.90	43.78 0.07 6.48	37.78 -0.44 7.07	33.07 -0.35 5.52	35.37 -0.45 3.90	34.91 -0.31 3.92	40.34 -0.58 0.42	43.60 -0.49 0.00	42.99 -0.68 0.00	37.62 -0.72 0.67	38.70 -0.85 0.00	39.42 -0.86 3.90	43.82 -0.51 5.11	52.86 -0.71 6.05	54.44 -1.15 3.10	55.41 -1.78 0.00	47.91 -1.36 1.06	42.06 -0.77 5.34	40.86 -0.74 7.02	49.11 0.08 5.04	48.34 -0.74 0.99	47.15 -0.88 0.04	48.68 -1.00 0.04	45.45 -1.07 0.00
ARTHUR KILL_GT_1 23520	6.47 2.30 47.33	40.95 2.14 11.38	31.93 1.67 15.03	31.86 1.34 8.42	31.87 1.33 9.17	31.86 1.27 8.54	31.88 1.43 10.91	24.83 1.54 20.80	-8.82 1.61 54.11	23.80 1.73 16.94	28.41 1.97 13.12	28.45 2.45 18.19	28.43 2.67 23.69	28.57 3.30 34.35	28.51 3.42 33.60	28.68 3.79 32.30	28.64 3.17 24.86	29.95 2.37 20.60	28.52 2.23 22.32	28.60 2.10 27.57	28.65 2.02 23.44	40.38 2.10 9.79	51.92 2.20 0.00	48.64 2.12 0.00
ARTHUR_KILL_2 23512	6.28 2.12 47.33	40.75 1.95 11.38	31.77 1.51 15.03	31.73 1.22 8.42	31.74 1.19 9.17	31.73 1.13 8.54	31.74 1.29 10.91	24.67 1.38 20.80	-8.96 1.47 54.11	23.67 1.60 16.94	28.29 1.85 13.12	28.29 2.29 18.19	28.26 2.51 23.69	28.35 3.08 34.35	28.31 3.22 33.60	28.45 3.56 32.30	28.44 2.98 24.86	29.76 2.18 20.60	28.33 2.03 22.32	28.39 1.88 27.57	28.45 1.82 23.44	40.20 1.92 9.79	51.74 2.01 0.00	48.49 1.97 0.00
ARTHUR_KILL_3 23513	6.21 2.04 47.33	31.72 1.81 20.28	31.71 1.45 15.03	31.72 1.20 8.42	31.72 1.17 9.17	31.72 1.12 8.54	31.72 1.28 10.91	24.68 1.39 20.80	-8.93 1.50 54.11	23.70 1.62 16.94	28.34 1.90 13.12	28.35 2.35 18.19	28.35 2.60 23.69	28.36 3.08 34.35	28.36 3.27 33.60	28.36 3.47 32.30	28.35 2.89 24.86	29.79 2.21 20.60	28.34 2.05 22.32	28.35 1.85 27.57	28.36 1.73 23.44	40.06 1.78 9.79	51.69 1.97 0.00	48.39 1.87 0.00

ARTHUR_KILL_COGEN 323718	6.47 2.31 47.33	40.93 2.13 11.38	31.93 1.67 15.03	31.86 1.34 8.42	31.87 1.33 9.17	31.87 1.27 8.54	31.87 1.43 10.91	24.82 1.54 20.80	-8.82 1.62 54.11	23.79 1.71 16.94	28.41 1.97 13.12	28.44 2.45 18.19	28.42 2.67 23.69	28.57 3.30 34.35	28.51 3.41 33.60	28.68 3.79 32.30	28.64 3.17 24.86	29.95 2.37 20.60	28.52 2.22 22.32	28.61 2.10 27.57	28.65 2.02 23.44	40.38 2.10 9.79	51.91 2.19 0.00	48.64 2.13 0.00
ASHOKAN____ 23654	53.02 1.52 0.00	51.58 1.39 0.00	46.40 1.12 0.00	39.82 0.88 0.00	40.62 0.90 0.00	40.00 0.87 0.00	42.28 0.93 0.00	45.11 1.02 0.00	44.77 1.09 0.00	40.04 1.02 0.00	40.66 1.10 0.00	45.66 1.47 0.00	51.31 1.87 0.00	61.85 2.23 0.00	61.07 2.38 0.00	60.04 2.85 0.00	52.95 2.62 0.00	50.42 2.24 0.00	50.86 2.24 0.00	56.42 2.35 0.00	52.23 2.15 0.00	50.01 1.94 0.00	51.67 1.94 0.00	48.21 1.69 0.00
ASTORIA_EAST_ENERGY_CC1 323581	53.31 1.81 0.00	51.80 1.62 0.00	46.67 1.38 0.00	40.12 1.18 0.00	40.88 1.16 0.00	40.27 1.13 0.00	42.57 1.22 0.00	45.42 1.33 0.00	45.17 1.49 0.00	40.61 1.59 0.00	41.40 1.85 0.00	46.42 2.23 0.00	51.85 2.41 0.00	62.52 2.91 0.00	61.80 3.11 0.00	60.57 3.38 0.00	53.11 2.78 0.00	50.23 2.05 0.00	50.49 1.86 0.00	55.85 1.79 0.02	51.82 1.76 0.01	49.91 1.85 0.01	51.70 1.98 0.01	48.36 1.84 0.00
ASTORIA_EAST_ENERGY_CC2 323582	53.31 1.81 0.00	51.80 1.62 0.00	46.67 1.38 0.00	40.12 1.18 0.00	40.88 1.16 0.00	40.27 1.13 0.00	42.57 1.22 0.00	45.42 1.33 0.00	45.17 1.49 0.00	40.61 1.59 0.00	41.40 1.85 0.00	46.41 2.23 0.00	51.85 2.41 0.00	62.52 2.91 0.00	61.80 3.11 0.00	60.57 3.38 0.00	53.11 2.78 0.00	50.23 2.05 0.00	50.49 1.86 0.00	55.85 1.79 0.02	51.82 1.76 0.01	49.91 1.85 0.01	51.70 1.98 0.01	48.36 1.84 0.00
ASTORIA_GT2_1 24094	53.34 1.84 0.00	51.83 1.65 0.00	46.70 1.41 0.00	40.14 1.20 0.00	40.90 1.18 0.00	40.29 1.15 0.00	42.60 1.25 0.00	45.45 1.36 0.00	45.19 1.51 0.00	40.64 1.63 0.00	41.42 1.86 0.00	46.44 2.26 0.00	51.88 2.44 0.00	62.56 2.94 0.00	61.84 3.15 0.00	60.60 3.41 0.00	53.14 2.81 0.00	50.26 2.08 0.00	50.52 1.90 0.00	55.88 1.82 0.02	51.86 1.79 0.01	49.94 1.87 0.01	51.73 2.01 0.01	48.37 1.85 0.00
ASTORIA_GT2_2 24095	53.34 1.84 0.00	51.83 1.65 0.00	46.70 1.41 0.00	40.14 1.20 0.00	40.90 1.18 0.00	40.29 1.15 0.00	42.60 1.25 0.00	45.45 1.36 0.00	45.19 1.51 0.00	40.64 1.63 0.00	41.42 1.86 0.00	46.44 2.26 0.00	51.88 2.44 0.00	62.56 2.94 0.00	61.84 3.15 0.00	60.60 3.41 0.00	53.14 2.81 0.00	50.26 2.08 0.00	50.52 1.90 0.00	55.88 1.82 0.02	51.86 1.79 0.01	49.94 1.87 0.01	51.73 2.01 0.01	48.37 1.85 0.00
ASTORIA_GT2_3 24096	53.34 1.84 0.00	51.83 1.65 0.00	46.70 1.41 0.00	40.14 1.20 0.00	40.90 1.18 0.00	40.29 1.15 0.00	42.60 1.25 0.00	45.45 1.36 0.00	45.19 1.51 0.00	40.64 1.63 0.00	41.42 1.86 0.00	46.44 2.26 0.00	51.88 2.44 0.00	62.56 2.94 0.00	61.84 3.15 0.00	60.60 3.41 0.00	53.14 2.81 0.00	50.26 2.08 0.00	50.52 1.90 0.00	55.88 1.82 0.02	51.86 1.79 0.01	49.94 1.87 0.01	51.73 2.01 0.01	48.37 1.85 0.00
ASTORIA_GT2_4 24097	53.34 1.84 0.00	51.83 1.65 0.00	46.70 1.41 0.00	40.14 1.20 0.00	40.90 1.18 0.00	40.29 1.15 0.00	42.60 1.25 0.00	45.45 1.36 0.00	45.19 1.51 0.00	40.64 1.63 0.00	41.42 1.86 0.00	46.44 2.26 0.00	51.88 2.44 0.00	62.56 2.94 0.00	61.84 3.15 0.00	60.60 3.41 0.00	53.14 2.81 0.00	50.26 2.08 0.00	50.52 1.90 0.00	55.88 1.82 0.02	51.86 1.79 0.01	49.94 1.87 0.01	51.73 2.01 0.01	48.37 1.85 0.00
ASTORIA_GT3_1 24098	53.34 1.84 0.00	51.83 1.65 0.00	46.70 1.41 0.00	40.14 1.20 0.00	40.90 1.18 0.00	40.29 1.15 0.00	42.60 1.25 0.00	45.45 1.36 0.00	45.19 1.51 0.00	40.64 1.63 0.00	41.42 1.86 0.00	46.44 2.26 0.00	51.88 2.44 0.00	62.56 2.94 0.00	61.84 3.15 0.00	60.60 3.41 0.00	53.14 2.81 0.00	50.26 2.08 0.00	50.52 1.90 0.00	55.88 1.82 0.02	51.86 1.79 0.01	49.94 1.87 0.01	51.73 2.01 0.01	48.37 1.85 0.00
ASTORIA_GT3_2 24099	53.34 1.84 0.00	51.83 1.65 0.00	46.70 1.41 0.00	40.14 1.20 0.00	40.90 1.18 0.00	40.29 1.15 0.00	42.60 1.25 0.00	45.45 1.36 0.00	45.19 1.51 0.00	40.64 1.63 0.00	41.42 1.86 0.00	46.44 2.26 0.00	51.88 2.44 0.00	62.56 2.94 0.00	61.84 3.15 0.00	60.60 3.41 0.00	53.14 2.81 0.00	50.26 2.08 0.00	50.52 1.90 0.00	55.88 1.82 0.02	51.86 1.79 0.01	49.94 1.87 0.01	51.73 2.01 0.01	48.37 1.85 0.00
ASTORIA_GT3_3 24100	53.34 1.84 0.00	51.83 1.65 0.00	46.70 1.41 0.00	40.14 1.20 0.00	40.90 1.18 0.00	40.29 1.15 0.00	42.60 1.25 0.00	45.45 1.36 0.00	45.19 1.51 0.00	40.64 1.63 0.00	41.42 1.86 0.00	46.44 2.26 0.00	51.88 2.44 0.00	62.56 2.94 0.00	61.84 3.15 0.00	60.60 3.41 0.00	53.14 2.81 0.00	50.26 2.08 0.00	50.52 1.90 0.00	55.88 1.82 0.02	51.86 1.79 0.01	49.94 1.87 0.01	51.73 2.01 0.01	48.37 1.85 0.00
ASTORIA_GT3_4 24101	53.34 1.84 0.00	51.83 1.65 0.00	46.70 1.41 0.00	40.14 1.20 0.00	40.90 1.18 0.00	40.29 1.15 0.00	42.60 1.25 0.00	45.45 1.36 0.00	45.19 1.51 0.00	40.64 1.63 0.00	41.42 1.86 0.00	46.44 2.26 0.00	51.88 2.44 0.00	62.56 2.94 0.00	61.84 3.15 0.00	60.60 3.41 0.00	53.14 2.81 0.00	50.26 2.08 0.00	50.52 1.90 0.00	55.88 1.82 0.02	51.86 1.79 0.01	49.94 1.87 0.01	51.73 2.01 0.01	48.37 1.85 0.00
ASTORIA_GT4_1 24102	53.34 1.84 0.00	51.83 1.65 0.00	46.70 1.41 0.00	40.14 1.20 0.00	40.90 1.18 0.00	40.29 1.15 0.00	42.60 1.25 0.00	45.45 1.36 0.00	45.19 1.51 0.00	40.64 1.63 0.00	41.42 1.86 0.00	46.44 2.26 0.00	51.88 2.44 0.00	62.56 2.94 0.00	61.84 3.15 0.00	60.60 3.41 0.00	53.14 2.81 0.00	50.26 2.08 0.00	50.52 1.90 0.00	55.88 1.82 0.02	51.86 1.79 0.01	49.94 1.87 0.01	51.73 2.01 0.01	48.37 1.85 0.00
ASTORIA_GT4_2 24103	53.34 1.84 0.00	51.83 1.65 0.00	46.70 1.41 0.00	40.14 1.20 0.00	40.90 1.18 0.00	40.29 1.15 0.00	42.60 1.25 0.00	45.45 1.36 0.00	45.19 1.51 0.00	40.64 1.63 0.00	41.42 1.86 0.00	46.44 2.26 0.00	51.88 2.44 0.00	62.56 2.94 0.00	61.84 3.15 0.00	60.60 3.41 0.00	53.14 2.81 0.00	50.26 2.08 0.00	50.52 1.90 0.00	55.88 1.82 0.02	51.86 1.79 0.01	49.94 1.87 0.01	51.73 2.01 0.01	48.37 1.85 0.00
ASTORIA_GT4_3 24104	53.34 1.84 0.00	51.83 1.65 0.00	46.70 1.41 0.00	40.14 1.20 0.00	40.90 1.18 0.00	40.29 1.15 0.00	42.60 1.25 0.00	45.45 1.36 0.00	45.19 1.51 0.00	40.64 1.63 0.00	41.42 1.86 0.00	46.44 2.26 0.00	51.88 2.44 0.00	62.56 2.94 0.00	61.84 3.15 0.00	60.60 3.41 0.00	53.14 2.81 0.00	50.26 2.08 0.00	50.52 1.90 0.00	55.88 1.82 0.02	51.86 1.79 0.01	49.94 1.87 0.01	51.73 2.01 0.01	48.37 1.85 0.00

ASTORIA_GT4_4 24105	53.34 1.84 0.00	51.83 1.65 0.00	46.70 1.41 0.00	40.14 1.20 0.00	40.90 1.18 0.00	40.29 1.15 0.00	42.60 1.25 0.00	45.45 1.36 0.00	45.19 1.51 0.00	40.64 1.63 0.00	41.42 1.86 0.00	46.44 2.26 0.00	51.88 2.44 0.00	62.56 2.94 0.00	61.84 3.15 0.00	60.60 3.41 0.00	53.14 2.81 0.00	50.26 2.08 0.00	50.52 1.90 0.00	55.88 1.82 0.02	51.86 1.79 0.01	49.94 1.87 0.01	51.73 2.01 0.01	48.37 1.85 0.00
ASTORIA_GT_1 23523	53.46 1.95 0.00	51.95 1.76 0.00	46.79 1.50 0.00	40.21 1.28 0.00	40.98 1.26 0.00	40.37 1.23 0.00	42.68 1.33 0.00	45.54 1.45 0.00	45.27 1.59 0.00	40.72 1.71 0.00	41.51 1.95 0.00	46.54 2.36 0.00	51.99 2.55 0.00	62.70 3.09 0.00	61.98 3.29 0.00	60.73 3.54 0.00	53.26 2.94 0.00	50.37 2.19 0.00	50.63 2.01 0.00	56.00 1.95 0.02	51.97 1.91 0.01	50.05 1.99 0.01	51.83 2.11 0.01	48.46 1.94 0.00
ASTORIA_GT_10 24110	53.52 2.02 0.00	52.06 1.87 0.00	46.82 1.54 0.00	40.21 1.27 0.00	40.96 1.24 0.00	40.33 1.19 0.00	42.68 1.33 0.00	45.54 1.45 0.00	45.26 1.59 0.00	40.72 1.71 0.00	41.55 1.99 0.00	46.61 2.42 0.00	52.05 2.61 0.00	62.73 3.11 0.00	61.95 3.26 0.00	60.70 3.51 0.00	53.22 2.89 0.00	50.36 2.18 0.00	50.62 2.00 0.00	55.96 1.89 0.00	51.89 1.82 0.00	50.02 1.95 0.00	51.85 2.12 0.00	48.54 2.02 0.00
ASTORIA_GT_11 24225	53.52 2.02 0.00	52.06 1.87 0.00	46.82 1.54 0.00	40.21 1.27 0.00	40.96 1.24 0.00	40.33 1.19 0.00	42.68 1.33 0.00	45.54 1.45 0.00	45.26 1.59 0.00	40.72 1.71 0.00	41.55 1.99 0.00	46.61 2.42 0.00	52.05 2.61 0.00	62.73 3.11 0.00	61.95 3.26 0.00	60.70 3.51 0.00	53.22 2.89 0.00	50.36 2.18 0.00	50.62 2.00 0.00	55.96 1.89 0.00	51.89 1.82 0.00	50.02 1.95 0.00	51.85 2.12 0.00	48.54 2.02 0.00
ASTORIA_GT_12 24226	53.52 2.02 0.00	52.06 1.87 0.00	46.82 1.54 0.00	40.21 1.27 0.00	40.96 1.24 0.00	40.33 1.19 0.00	42.68 1.33 0.00	45.54 1.45 0.00	45.26 1.59 0.00	40.72 1.71 0.00	41.55 1.99 0.00	46.61 2.42 0.00	52.05 2.61 0.00	62.73 3.11 0.00	61.95 3.26 0.00	60.70 3.51 0.00	53.22 2.89 0.00	50.36 2.18 0.00	50.62 2.00 0.00	55.96 1.89 0.00	51.89 1.82 0.00	50.02 1.95 0.00	51.85 2.12 0.00	48.54 2.02 0.00
ASTORIA_GT_13 24227	53.52 2.02 0.00	52.06 1.87 0.00	46.82 1.54 0.00	40.21 1.27 0.00	40.96 1.24 0.00	40.33 1.19 0.00	42.68 1.33 0.00	45.54 1.45 0.00	45.26 1.59 0.00	40.72 1.71 0.00	41.55 1.99 0.00	46.61 2.42 0.00	52.05 2.61 0.00	62.73 3.11 0.00	61.95 3.26 0.00	60.70 3.51 0.00	53.22 2.89 0.00	50.36 2.18 0.00	50.62 2.00 0.00	55.96 1.89 0.00	51.89 1.82 0.00	50.02 1.95 0.00	51.85 2.12 0.00	48.54 2.02 0.00
ASTORIA_GT_5 24106	53.46 1.95 0.00	51.95 1.76 0.00	46.79 1.50 0.00	40.21 1.28 0.00	40.98 1.26 0.00	40.37 1.23 0.00	42.68 1.33 0.00	45.54 1.45 0.00	45.27 1.59 0.00	40.72 1.71 0.00	41.51 1.95 0.00	46.54 2.36 0.00	51.99 2.55 0.00	62.70 3.09 0.00	61.98 3.29 0.00	60.73 3.54 0.00	53.26 2.94 0.00	50.37 2.19 0.00	50.63 2.01 0.00	56.00 1.95 0.02	51.97 1.91 0.01	50.05 1.99 0.01	51.83 2.11 0.01	48.46 1.94 0.00
ASTORIA_GT_7 24107	53.46 1.95 0.00	51.95 1.76 0.00	46.79 1.50 0.00	40.21 1.28 0.00	40.98 1.26 0.00	40.37 1.23 0.00	42.68 1.33 0.00	45.54 1.45 0.00	45.27 1.59 0.00	40.72 1.71 0.00	41.51 1.95 0.00	46.54 2.36 0.00	51.99 2.55 0.00	62.70 3.09 0.00	61.98 3.29 0.00	60.73 3.54 0.00	53.26 2.94 0.00	50.37 2.19 0.00	50.63 2.01 0.00	56.00 1.95 0.02	51.97 1.91 0.01	50.05 1.99 0.01	51.83 2.11 0.01	48.46 1.94 0.00
ASTORIA_GT_8 24108	53.46 1.95 0.00	51.95 1.76 0.00	46.79 1.50 0.00	40.21 1.28 0.00	40.98 1.26 0.00	40.37 1.23 0.00	42.68 1.33 0.00	45.54 1.45 0.00	45.27 1.59 0.00	40.72 1.71 0.00	41.51 1.95 0.00	46.54 2.36 0.00	51.99 2.55 0.00	62.70 3.09 0.00	61.98 3.29 0.00	60.73 3.54 0.00	53.26 2.94 0.00	50.37 2.19 0.00	50.63 2.01 0.00	56.00 1.95 0.02	51.97 1.91 0.01	50.05 1.99 0.01	51.83 2.11 0.01	48.46 1.94 0.00
ASTORIA___2 24149	53.34 1.84 0.00	51.83 1.65 0.00	46.70 1.41 0.00	40.14 1.21 0.00	40.90 1.18 0.00	40.29 1.15 0.00	42.60 1.25 0.00	45.45 1.36 0.00	45.19 1.51 0.00	40.64 1.62 0.00	41.42 1.86 0.00	46.43 2.25 0.00	51.88 2.44 0.00	62.56 2.94 0.00	61.84 3.15 0.00	60.60 3.41 0.00	53.14 2.81 0.00	50.26 2.08 0.00	50.52 1.90 0.00	55.86 1.81 0.02	51.85 1.79 0.01	49.93 1.87 0.01	51.73 2.01 0.01	48.37 1.85 0.00
ASTORIA___3 23516	53.34 1.84 0.00	51.83 1.65 0.00	46.70 1.41 0.00	40.14 1.21 0.00	40.90 1.18 0.00	40.29 1.15 0.00	42.60 1.25 0.00	45.45 1.36 0.00	45.19 1.51 0.00	40.64 1.62 0.00	41.42 1.86 0.00	46.43 2.25 0.00	51.88 2.44 0.00	62.56 2.94 0.00	61.84 3.15 0.00	60.60 3.41 0.00	53.14 2.81 0.00	50.26 2.08 0.00	50.52 1.90 0.00	55.86 1.81 0.02	51.85 1.79 0.01	49.93 1.87 0.01	51.73 2.01 0.01	48.37 1.85 0.00
ASTORIA___4 23517	53.34 1.84 0.00	51.83 1.65 0.00	46.70 1.41 0.00	40.14 1.20 0.00	40.90 1.18 0.00	40.29 1.15 0.00	42.60 1.25 0.00	45.45 1.36 0.00	45.19 1.51 0.00	40.64 1.63 0.00	41.42 1.86 0.00	46.44 2.26 0.00	51.88 2.44 0.00	62.56 2.94 0.00	61.84 3.15 0.00	60.60 3.41 0.00	53.14 2.81 0.00	50.26 2.08 0.00	50.52 1.90 0.00	55.88 1.82 0.02	51.86 1.79 0.01	49.94 1.87 0.01	51.73 2.01 0.01	48.37 1.85 0.00
ASTORIA___5 23518	53.52 2.02 0.00	52.06 1.87 0.00	46.82 1.53 0.00	40.20 1.27 0.00	40.96 1.24 0.00	40.33 1.19 0.00	42.68 1.33 0.00	45.54 1.46 0.00	45.26 1.58 0.00	40.72 1.71 0.00	41.54 1.99 0.00	46.60 2.42 0.00	52.04 2.60 0.00	62.72 3.10 0.00	61.95 3.26 0.00	60.70 3.51 0.00	53.22 2.89 0.00	50.36 2.18 0.00	50.63 2.00 0.00	55.95 1.88 0.00	51.88 1.82 0.00	50.02 1.95 0.00	51.85 2.12 0.00	48.54 2.02 0.00
AST_ENERGY_2_CC3 323677	53.62 2.12 0.00	52.09 1.90 0.00	46.83 1.54 0.00	40.21 1.27 0.00	40.96 1.24 0.00	40.33 1.19 0.00	42.69 1.34 0.00	45.53 1.44 0.00	45.25 1.57 0.00	40.72 1.70 0.00	41.54 1.98 0.00	46.62 2.44 0.00	52.12 2.68 0.00	62.79 3.18 0.00	62.01 3.33 0.00	60.75 3.57 0.00	53.24 2.91 0.00	50.35 2.17 0.00	50.63 2.01 0.00	55.92 1.85 0.01	51.82 1.75 0.00	50.01 1.95 0.00	51.93 2.20 0.00	48.60 2.08 0.00
AST_ENERGY_2_CC4 323678	53.62 2.12 0.00	52.09 1.90 0.00	46.83 1.54 0.00	40.21 1.27 0.00	40.96 1.24 0.00	40.33 1.19 0.00	42.69 1.34 0.00	45.53 1.44 0.00	45.25 1.57 0.00	40.72 1.70 0.00	41.54 1.98 0.00	46.62 2.44 0.00	52.12 2.68 0.00	62.79 3.18 0.00	62.01 3.33 0.00	60.75 3.57 0.00	53.24 2.91 0.00	50.35 2.17 0.00	50.63 2.01 0.00	55.92 1.85 0.01	51.82 1.75 0.00	50.01 1.95 0.00	51.93 2.20 0.00	48.60 2.08 0.00

ATHENS_STG_1 23668	52.15 0.65 0.00	50.90 0.71 0.00	45.87 0.58 0.00	39.42 0.48 0.00	40.22 0.50 0.00	39.59 0.46 0.00	41.81 0.46 0.00	44.56 0.47 0.00	44.19 0.51 0.00	39.61 0.60 0.00	40.26 0.70 0.00	45.10 0.91 0.00	50.52 1.08 0.00	61.00 1.38 0.00	60.18 1.49 0.00	58.82 1.64 0.00	51.57 1.24 0.00	49.10 0.92 0.00	49.46 0.84 0.00	54.79 0.72 0.00	50.81 0.74 0.00	48.84 0.77 0.00	50.61 0.88 0.00	47.37 0.85 0.00
ATHENS_STG_2 23670	52.15 0.65 0.00	50.90 0.71 0.00	45.87 0.58 0.00	39.42 0.48 0.00	40.22 0.50 0.00	39.59 0.46 0.00	41.81 0.46 0.00	44.56 0.47 0.00	44.19 0.51 0.00	39.61 0.60 0.00	40.26 0.70 0.00	45.10 0.91 0.00	50.52 1.08 0.00	61.00 1.38 0.00	60.18 1.49 0.00	58.82 1.64 0.00	51.57 1.24 0.00	49.10 0.92 0.00	49.46 0.84 0.00	54.79 0.72 0.00	50.81 0.74 0.00	48.84 0.77 0.00	50.61 0.88 0.00	47.37 0.85 0.00
ATHENS_STG_3 23677	52.15 0.65 0.00	50.90 0.71 0.00	45.87 0.58 0.00	39.42 0.48 0.00	40.22 0.50 0.00	39.59 0.46 0.00	41.81 0.46 0.00	44.56 0.47 0.00	44.19 0.51 0.00	39.61 0.60 0.00	40.26 0.70 0.00	45.10 0.91 0.00	50.52 1.08 0.00	61.00 1.38 0.00	60.18 1.49 0.00	58.82 1.64 0.00	51.57 1.24 0.00	49.10 0.92 0.00	49.46 0.84 0.00	54.79 0.72 0.00	50.81 0.74 0.00	48.84 0.77 0.00	50.61 0.88 0.00	47.37 0.85 0.00
AUBURN___LFGE 323710	51.67 0.16 0.00	50.35 0.16 0.00	45.44 0.15 0.00	38.89 -0.05 0.00	39.68 -0.04 0.00	39.22 0.08 0.00	41.31 -0.04 0.00	44.10 0.01 0.00	43.51 -0.17 0.00	38.60 -0.41 0.00	39.29 -0.27 0.00	43.79 -0.40 0.00	49.09 -0.35 0.00	59.15 -0.47 0.00	58.26 -0.43 0.00	56.47 -0.71 0.00	49.82 -0.51 0.00	48.02 -0.16 0.00	48.80 0.18 0.00	54.36 0.28 0.00	50.28 0.21 0.00	48.17 0.10 0.00	49.76 0.03 0.00	46.53 0.01 0.00
BABYLON_RES_REC 323704	53.76 2.26 0.00	52.49 2.30 0.00	47.34 2.06 0.00	40.61 1.67 0.00	41.33 1.61 0.00	40.77 1.64 0.00	43.14 1.79 0.00	45.78 1.69 0.00	45.64 1.96 0.00	41.10 2.09 0.00	42.10 2.55 0.00	47.65 3.15 -0.31	52.81 3.37 0.00	62.88 3.27 0.00	61.91 3.22 0.00	61.16 3.97 0.00	54.00 3.67 0.00	51.26 3.09 0.00	51.74 3.12 0.00	56.70 2.63 0.00	52.82 2.75 0.00	51.07 3.00 0.00	52.82 3.09 0.00	49.51 2.99 0.00
BALL_HILL_WT_PWR 323825	50.42 -0.29 0.78	44.08 -0.51 5.60	38.31 -0.86 6.11	33.46 -0.71 4.77	35.60 -0.75 3.37	35.04 -0.72 3.39	39.88 -1.10 0.37	43.08 -1.01 0.00	42.61 -1.07 0.00	37.47 -0.96 0.58	38.52 -1.04 0.00	39.78 -1.03 3.37	44.13 -0.90 4.42	53.15 -1.24 5.22	54.40 -1.62 2.68	54.87 -2.31 0.00	47.56 -1.86 0.91	42.32 -1.23 4.62	41.28 -1.27 6.07	49.02 -0.70 4.36	47.86 -1.35 0.86	46.57 -1.46 0.05	48.07 -1.62 0.04	44.95 -1.57 0.00
BARON_WINDS___WT_PWR 323822	51.72 -0.24 -0.46	53.12 -0.39 -3.33	48.25 -0.66 -3.63	41.22 -0.55 -2.83	41.11 -0.61 -2.00	40.66 -0.48 -2.01	40.90 -0.67 -0.22	43.32 -0.78 0.00	42.51 -1.17 0.00	38.05 -1.32 -0.35	38.26 -1.30 0.00	44.77 -1.42 -2.00	50.64 -1.43 -2.62	61.14 -1.58 -3.10	58.45 -1.83 -1.59	55.07 -2.12 0.00	48.95 -1.92 -0.54	49.47 -1.45 -2.74	51.12 -1.10 -3.60	56.43 -0.23 -2.59	49.81 -0.77 -0.51	47.29 -0.74 0.03	48.85 -0.84 0.03	45.69 -0.83 0.00
BARRETT_IC_1 23704	53.28 1.79 0.00	51.93 1.75 0.00	46.88 1.59 0.00	40.27 1.33 0.00	40.99 1.27 0.00	40.40 1.26 0.00	42.73 1.38 0.00	45.39 1.30 0.00	45.23 1.55 0.00	40.73 1.71 0.00	41.77 2.21 0.00	47.21 2.71 -0.31	52.25 2.80 0.00	62.42 2.80 0.00	61.57 2.88 0.00	60.71 3.52 0.00	53.49 3.16 0.00	50.69 2.52 0.00	51.12 2.50 0.00	56.19 2.12 0.00	52.26 2.19 0.00	50.42 2.35 0.00	52.11 2.39 0.00	48.78 2.26 0.00
BARRETT_IC_10 23701	53.28 1.79 0.00	51.93 1.75 0.00	46.88 1.59 0.00	40.27 1.33 0.00	40.99 1.27 0.00	40.40 1.26 0.00	42.73 1.38 0.00	45.39 1.30 0.00	45.23 1.55 0.00	40.73 1.71 0.00	41.77 2.21 0.00	47.21 2.71 -0.31	52.25 2.80 0.00	62.42 2.80 0.00	61.57 2.88 0.00	60.71 3.52 0.00	53.49 3.16 0.00	50.69 2.52 0.00	51.12 2.50 0.00	56.19 2.12 0.00	52.26 2.19 0.00	50.42 2.35 0.00	52.11 2.39 0.00	48.78 2.26 0.00
BARRETT_IC_11 23702	53.28 1.79 0.00	51.93 1.75 0.00	46.88 1.59 0.00	40.27 1.33 0.00	40.99 1.27 0.00	40.40 1.26 0.00	42.73 1.38 0.00	45.39 1.30 0.00	45.23 1.55 0.00	40.73 1.71 0.00	41.77 2.21 0.00	47.21 2.71 -0.31	52.25 2.80 0.00	62.42 2.80 0.00	61.57 2.88 0.00	60.71 3.52 0.00	53.49 3.16 0.00	50.69 2.52 0.00	51.12 2.50 0.00	56.19 2.12 0.00	52.26 2.19 0.00	50.42 2.35 0.00	52.11 2.39 0.00	48.78 2.26 0.00
BARRETT_IC_12 23703	53.28 1.79 0.00	51.93 1.75 0.00	46.88 1.59 0.00	40.27 1.33 0.00	40.99 1.27 0.00	40.40 1.26 0.00	42.73 1.38 0.00	45.39 1.30 0.00	45.23 1.55 0.00	40.73 1.71 0.00	41.77 2.21 0.00	47.21 2.71 -0.31	52.25 2.80 0.00	62.42 2.80 0.00	61.57 2.88 0.00	60.71 3.52 0.00	53.49 3.16 0.00	50.69 2.52 0.00	51.12 2.50 0.00	56.19 2.12 0.00	52.26 2.19 0.00	50.42 2.35 0.00	52.11 2.39 0.00	48.78 2.26 0.00
BARRETT_IC_2 23705	53.28 1.79 0.00	51.93 1.75 0.00	46.88 1.59 0.00	40.27 1.33 0.00	40.99 1.27 0.00	40.40 1.26 0.00	42.73 1.38 0.00	45.39 1.30 0.00	45.23 1.55 0.00	40.73 1.71 0.00	41.77 2.21 0.00	47.21 2.71 -0.31	52.25 2.80 0.00	62.42 2.80 0.00	61.57 2.88 0.00	60.71 3.52 0.00	53.49 3.16 0.00	50.69 2.52 0.00	51.12 2.50 0.00	56.19 2.12 0.00	52.26 2.19 0.00	50.42 2.35 0.00	52.11 2.39 0.00	48.78 2.26 0.00
BARRETT_IC_3 23706	53.28 1.79 0.00	51.93 1.75 0.00	46.88 1.59 0.00	40.27 1.33 0.00	40.99 1.27 0.00	40.40 1.26 0.00	42.73 1.38 0.00	45.39 1.30 0.00	45.23 1.55 0.00	40.73 1.71 0.00	41.77 2.21 0.00	47.21 2.71 -0.31	52.25 2.80 0.00	62.42 2.80 0.00	61.57 2.88 0.00	60.71 3.52 0.00	53.49 3.16 0.00	50.69 2.52 0.00	51.12 2.50 0.00	56.19 2.12 0.00	52.26 2.19 0.00	50.42 2.35 0.00	52.11 2.39 0.00	48.78 2.26 0.00
BARRETT_IC_4 23707	53.28 1.79 0.00	51.93 1.75 0.00	46.88 1.59 0.00	40.27 1.33 0.00	40.99 1.27 0.00	40.40 1.26 0.00	42.73 1.38 0.00	45.39 1.30 0.00	45.23 1.55 0.00	40.73 1.71 0.00	41.77 2.21 0.00	47.21 2.71 -0.31	52.25 2.80 0.00	62.42 2.80 0.00	61.57 2.88 0.00	60.71 3.52 0.00	53.49 3.16 0.00	50.69 2.52 0.00	51.12 2.50 0.00	56.19 2.12 0.00	52.26 2.19 0.00	50.42 2.35 0.00	52.11 2.39 0.00	48.78 2.26 0.00
BARRETT_IC_5 23708	53.28 1.79 0.00	51.93 1.75 0.00	46.88 1.59 0.00	40.27 1.33 0.00	40.99 1.27 0.00	40.40 1.26 0.00	42.73 1.38 0.00	45.39 1.30 0.00	45.23 1.55 0.00	40.73 1.71 0.00	41.77 2.21 0.00	47.21 2.71 -0.31	52.25 2.80 0.00	62.42 2.80 0.00	61.57 2.88 0.00	60.71 3.52 0.00	53.49 3.16 0.00	50.69 2.52 0.00	51.12 2.50 0.00	56.19 2.12 0.00	52.26 2.19 0.00	50.42 2.35 0.00	52.11 2.39 0.00	48.78 2.26 0.00

BARRETT_IC_6 23709	53.28 1.79 0.00	51.93 1.75 0.00	46.88 1.59 0.00	40.27 1.33 0.00	40.99 1.27 0.00	40.40 1.26 0.00	42.73 1.38 0.00	45.39 1.30 0.00	45.23 1.55 0.00	40.73 1.71 0.00	41.77 2.21 0.00	47.21 2.71 -0.31	52.25 2.80 0.00	62.42 2.80 0.00	61.57 2.88 0.00	60.71 3.52 0.00	53.49 3.16 0.00	50.69 2.52 0.00	51.12 2.50 0.00	56.19 2.12 0.00	52.26 2.19 0.00	50.42 2.35 0.00	52.11 2.39 0.00	48.78 2.26 0.00
BARRETT_IC_7 23710	53.29 1.79 0.00	51.94 1.75 0.00	46.89 1.60 0.00	40.27 1.33 0.00	40.98 1.26 0.00	40.40 1.26 0.00	42.74 1.38 0.00	45.39 1.30 0.00	45.23 1.55 0.00	40.73 1.71 0.00	41.77 2.21 0.00	47.21 2.71 -0.31	52.26 2.82 0.00	62.44 2.82 0.00	61.57 2.88 0.00	60.70 3.52 0.00	53.49 3.16 0.00	50.70 2.52 0.00	51.12 2.50 0.00	56.20 2.13 0.00	52.26 2.19 0.00	50.42 2.35 0.00	52.12 2.39 0.00	48.78 2.26 0.00
BARRETT_IC_8 23711	53.28 1.79 0.00	51.93 1.75 0.00	46.88 1.59 0.00	40.27 1.33 0.00	40.99 1.27 0.00	40.40 1.26 0.00	42.73 1.38 0.00	45.39 1.30 0.00	45.23 1.55 0.00	40.73 1.71 0.00	41.77 2.21 0.00	47.21 2.71 -0.31	52.25 2.80 0.00	62.42 2.80 0.00	61.57 2.88 0.00	60.71 3.52 0.00	53.49 3.16 0.00	50.69 2.52 0.00	51.12 2.50 0.00	56.19 2.12 0.00	52.26 2.19 0.00	50.42 2.35 0.00	52.11 2.39 0.00	48.78 2.26 0.00
BARRETT_IC_9 23700	53.28 1.79 0.00	51.93 1.75 0.00	46.88 1.59 0.00	40.27 1.33 0.00	40.99 1.27 0.00	40.40 1.26 0.00	42.73 1.38 0.00	45.39 1.30 0.00	45.23 1.55 0.00	40.73 1.71 0.00	41.77 2.21 0.00	47.21 2.71 -0.31	52.25 2.80 0.00	62.42 2.80 0.00	61.57 2.88 0.00	60.71 3.52 0.00	53.49 3.16 0.00	50.69 2.52 0.00	51.12 2.50 0.00	56.19 2.12 0.00	52.26 2.19 0.00	50.42 2.35 0.00	52.11 2.39 0.00	48.78 2.26 0.00
BARRETT___1 23545	53.28 1.79 0.00	51.93 1.75 0.00	46.88 1.59 0.00	40.27 1.33 0.00	40.99 1.27 0.00	40.40 1.26 0.00	42.73 1.38 0.00	45.39 1.30 0.00	45.23 1.55 0.00	40.73 1.71 0.00	41.77 2.21 0.00	47.21 2.71 -0.31	52.25 2.80 0.00	62.42 2.80 0.00	61.57 2.88 0.00	60.71 3.52 0.00	53.49 3.16 0.00	50.69 2.52 0.00	51.12 2.50 0.00	56.19 2.12 0.00	52.26 2.19 0.00	50.42 2.35 0.00	52.11 2.39 0.00	48.78 2.26 0.00
BARRETT___2 23546	53.28 1.79 0.00	51.93 1.75 0.00	46.88 1.59 0.00	40.27 1.33 0.00	40.99 1.27 0.00	40.40 1.26 0.00	42.73 1.38 0.00	45.39 1.30 0.00	45.23 1.55 0.00	40.73 1.71 0.00	41.77 2.21 0.00	47.21 2.71 -0.31	52.25 2.80 0.00	62.42 2.80 0.00	61.57 2.88 0.00	60.71 3.52 0.00	53.49 3.16 0.00	50.69 2.52 0.00	51.12 2.50 0.00	56.19 2.12 0.00	52.26 2.19 0.00	50.42 2.35 0.00	52.11 2.39 0.00	48.78 2.26 0.00
BATAVIA___115KV_TB1 55881	51.87 0.37 0.00	50.31 0.12 0.00	44.94 -0.34 0.00	38.63 -0.31 0.00	39.41 -0.31 0.00	38.75 -0.39 0.00	40.59 -0.76 0.00	43.49 -0.61 0.00	42.95 -0.72 0.00	38.14 -0.88 0.00	38.58 -0.98 0.00	43.12 -1.06 0.00	48.27 -1.17 0.00	58.12 -1.50 0.00	56.86 -1.83 0.00	54.61 -2.57 0.00	48.31 -2.02 0.00	46.74 -1.44 0.00	47.51 -1.11 0.00	53.77 -0.30 0.00	49.31 -0.76 0.00	47.05 -0.96 0.05	48.53 -1.15 0.05	45.34 -1.19 0.00
BAYONEEC___CTG1 323682	53.66 2.16 0.00	52.12 1.93 0.00	46.86 1.57 0.00	40.23 1.29 0.00	40.99 1.27 0.00	40.35 1.21 0.00	42.71 1.36 0.00	45.56 1.47 0.00	45.28 1.60 0															

BAYONEEC___CTG8 323689	53.66 2.16 0.00	52.12 1.93 0.00	46.86 1.57 0.00	40.23 1.29 0.00	40.99 1.27 0.00	40.35 1.21 0.00	42.71 1.36 0.00	45.56 1.47 0.00	45.28 1.60 0.00	40.73 1.72 0.00	41.57 2.01 0.00	46.65 2.46 0.00	52.15 2.70 0.00	62.82 3.20 0.00	62.05 3.36 0.00	60.77 3.59 0.00	53.30 2.97 0.00	50.44 2.26 0.00	50.73 2.11 0.00	56.01 1.95 0.00	51.90 1.83 0.00	50.02 1.95 0.00	51.92 2.19 0.00	48.59 2.07 0.00
BAYONEEC___CTG9 323749	53.66 2.16 0.00	52.12 1.93 0.00	46.86 1.57 0.00	40.23 1.29 0.00	40.99 1.27 0.00	40.35 1.21 0.00	42.71 1.36 0.00	45.56 1.47 0.00	45.28 1.60 0.00	40.73 1.72 0.00	41.57 2.01 0.00	46.65 2.46 0.00	52.15 2.70 0.00	62.82 3.20 0.00	62.05 3.36 0.00	60.77 3.59 0.00	53.30 2.97 0.00	50.44 2.26 0.00	50.73 2.11 0.00	56.01 1.95 0.00	51.90 1.83 0.00	50.02 1.95 0.00	51.92 2.19 0.00	48.59 2.07 0.00
BAYPORT_69_KV_BK 2 356364	54.08 2.58 0.00	52.88 2.69 0.00	47.70 2.42 0.00	40.86 1.92 0.00	41.59 1.87 0.00	41.11 1.97 0.00	43.52 2.17 0.00	46.06 1.98 0.00	45.98 2.30 0.00	41.44 2.43 0.00	42.55 2.99 0.00	48.21 3.71 -0.31	53.54 4.10 0.00	63.56 3.94 0.00	62.58 3.89 0.00	62.04 4.86 0.00	54.87 4.55 0.00	51.94 3.76 0.00	52.45 3.83 0.00	57.15 3.08 0.00	53.36 3.29 0.00	51.66 3.59 0.00	53.42 3.69 0.00	49.94 3.42 0.00
BEACON___LESR 323632	52.06 0.56 0.00	50.96 0.77 0.00	45.68 0.39 0.00	39.33 0.39 0.00	40.27 0.55 0.00	39.63 0.49 0.00	41.75 0.39 0.00	44.54 0.45 0.00	44.06 0.38 0.00	39.36 0.34 0.00	39.89 0.34 0.00	44.59 0.41 0.00	50.10 0.66 0.00	60.42 0.80 0.00	59.50 0.81 0.00	58.27 1.09 0.00	51.30 0.97 0.00	49.05 0.87 0.00	49.53 0.91 0.00	54.96 0.89 0.00	50.91 0.84 0.00	48.85 0.78 0.00	50.65 0.92 0.00	47.26 0.74 0.00
BEAVER RIVER___HYD 24048	53.10 1.60 0.00	51.60 1.41 0.00	46.51 1.22 0.00	39.98 1.04 0.00	40.77 1.05 0.00	40.25 1.11 0.00	42.54 1.19 0.00	45.31 1.22 0.00	44.83 1.15 0.00	40.13 1.12 0.00	40.60 1.04 0.00	45.01 0.82 0.00	50.11 0.67 0.00	60.02 0.40 0.00	58.84 0.15 0.00	57.25 0.06 0.00	50.73 0.40 0.00	49.01 0.83 0.00	50.11 1.49 0.00	56.07 2.00 0.00	51.95 1.88 0.00	50.05 1.98 0.00	51.69 1.96 0.00	48.15 1.63 0.00
BEEBEE_GT_13 23619	51.51 0.01 0.00	50.03 -0.16 0.00	44.94 -0.34 0.00	38.61 -0.33 0.00	39.37 -0.35 0.00	38.75 -0.39 0.00	40.60 -0.75 0.00	43.42 -0.67 0.00	43.04 -0.64 0.00	38.52 -0.50 0.00	39.07 -0.48 0.00	43.72 -0.46 0.00	49.03 -0.41 0.00	59.04 -0.58 0.00	57.90 -0.79 0.00	55.80 -1.39 0.00	49.32 -1.01 0.00	47.68 -0.49 0.00	48.20 -0.42 0.00	53.93 -0.14 0.00	49.54 -0.53 0.00	47.32 -0.69 0.05	48.76 -0.91 0.05	45.59 -0.93 0.00
BENSHRST_27_KV_BENSHRST_1 355998	54.17 2.67 0.00	52.59 2.41 0.00	47.26 1.98 0.00	40.53 1.60 0.00	41.30 1.58 0.00	40.65 1.51 0.00	43.04 1.69 0.00	45.91 1.82 0.00	45.63 1.95 0.00	41.07 2.05 0.00	41.89 2.34 0.00	47.03 2.85 0.00	52.56 3.12 0.00	63.36 3.74 0.00	62.57 3.88 0.00	61.34 4.15 0.00	53.78 3.45 0.00	50.87 2.69 0.00	51.15 2.53 0.00	56.54 2.46 0.00	52.42 2.35 0.00	50.53 2.46 0.00	52.38 2.65 0.00	49.00 2.48 0.00
BETHLEHEM___GRP 23843	51.18 -0.32 0.00	50.02 -0.17 0.00	45.15 -0.14 0.00	38.83 -0.11 0.00	39.71 -0.01 0.00	39.09 -0.05 0.00	41.18 -0.17 0.00	43.89 -0.20 0.00	43.51 -0.17 0.00	38.90 -0.11 0.00	39.38 -0.18 0.00	44.06 -0.13 0.00	49.39 -0.05 0.00	59.59 -0.03 0.00	58.79 0.10 0.00	57.42 0.23 0.00	50.46 0.13 0.00	48.11 -0.06 0.00	48.58 -0.04 0.00	53.86 -0.21 0.00	49.98 -0.09 0.00	48.03 -0.04 0.00	49.79 0.06 0.00	46.57 0.05 0.00
BETHLEHEM___GS1 323560	51.17 -0.33 0.00	50.02 -0.17 0.00	45.15 -0.14 0.00	38.83 -0.11 0.00	39.71 -0.01 0.00	39.09 -0.05 0.00	41.18 -0.17 0.00	43.89 -0.20 0.00	43.52 -0.16 0.00	38.90 -0.11 0.00	39.38 -0.18 0.00	44.05 -0.13 0.00	49.39 -0.05 0.00	59.59 -0.03 0.00	58.79 0.10 0.00	57.42 0.23 0.00	50.46 0.13 0.00	48.11 -0.06 0.00	48.58 -0.04 0.00	53.86 -0.21 0.00	49.98 -0.09 0.00	48.03 -0.04 0.00	49.79 0.06 0.00	46.57 0.05 0.00
BETHLEHEM___GS2 323561	51.17 -0.33 0.00	50.02 -0.17 0.00	45.15 -0.14 0.00	38.83 -0.11 0.00	39.71 -0.01 0.00	39.09 -0.05 0.00	41.18 -0.17 0.00	43.89 -0.20 0.00	43.52 -0.16 0.00	38.90 -0.11 0.00	39.38 -0.18 0.00	44.05 -0.13 0.00	49.39 -0.05 0.00	59.59 -0.03 0.00	58.79 0.10 0.00	57.42 0.23 0.00	50.46 0.13 0.00	48.11 -0.06 0.00	48.58 -0.04 0.00	53.86 -0.21 0.00	49.98 -0.09 0.00	48.03 -0.04 0.00	49.79 0.06 0.00	46.57 0.05 0.00
BETHLEHEM___GS3 323562	51.17 -0.33 0.00	50.02 -0.17 0.00	45.15 -0.14 0.00	38.83 -0.11 0.00	39.71 -0.01 0.00	39.09 -0.05 0.00	41.18 -0.17 0.00	43.89 -0.20 0.00	43.52 -0.16 0.00	38.90 -0.11 0.00	39.38 -0.18 0.00	44.05 -0.13 0.00	49.39 -0.05 0.00	59.59 -0.03 0.00	58.79 0.10 0.00	57.42 0.23 0.00	50.46 0.13 0.00	48.11 -0.06 0.00	48.58 -0.04 0.00	53.86 -0.21 0.00	49.98 -0.09 0.00	48.03 -0.04 0.00	49.79 0.06 0.00	46.57 0.05 0.00
BETHLEHEM___STEEL 23779	51.23 -0.27 0.00	49.74 -0.45 0.00	44.52 -0.76 0.00	38.29 -0.65 0.00	39.05 -0.67 0.00	38.44 -0.70 0.00	40.11 -1.24 0.00	42.97 -1.13 0.00	42.61 -1.07 0.00	38.09 -0.92 0.00	38.57 -0.99 0.00	43.30 -0.89 0.00	48.66 -0.78 0.00	58.47 -1.14 0.00	57.10 -1.59 0.00	54.67 -2.52 0.00	48.39 -1.94 0.00	46.91 -1.27 0.00	47.26 -1.36 0.00	53.18 -0.89 0.00	48.55 -1.52 0.00	46.39 -1.63 0.05	47.88 -1.81 0.04	44.80 -1.72 0.00
BETHLHEM_115KV_TB1 79974	51.33 -0.17 0.00	50.17 -0.03 0.00	45.26 -0.02 0.00	38.93 -0.01 0.00	39.80 0.07 0.00	39.19 0.05 0.00	41.29 -0.06 0.00	44.00 -0.09 0.00	43.62 -0.06 0.00	38.99 -0.03 0.00	39.49 -0.07 0.00	44.19 0.00 0.00	49.53 0.09 0.00	59.74 0.13 0.00	58.94 0.26 0.00	57.58 0.40 0.00	50.59 0.26 0.00	48.25 0.08 0.00	48.71 0.08 0.00	54.01 -0.06 0.00	50.11 0.04 0.00	48.16 0.09 0.00	49.92 0.19 0.00	46.68 0.16 0.00
BETHPAGE_CC_5 323564	53.47 1.97 0.00	52.24 2.05 0.00	47.14 1.85 0.00	40.44 1.50 0.00	41.16 1.44 0.00	40.59 1.45 0.00	42.94 1.59 0.00	45.61 1.52 0.00	45.47 1.79 0.00	40.96 1.94 0.00	41.98 2.43 0.00	47.46 2.96 -0.31	52.60 3.16 0.00	62.72 3.10 0.00	61.63 2.94 0.00	60.84 3.65 0.00	53.68 3.35 0.00	50.88 2.70 0.00	51.35 2.72 0.00	56.34 2.27 0.00	52.44 2.36 0.00	50.73 2.66 0.00	52.55 2.83 0.00	49.36 2.84 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	51.35 -0.16 0.00	49.86 -0.33 0.00	44.64 -0.65 0.00	38.38 -0.56 0.00	39.16 -0.57 0.00	38.53 -0.60 0.00	40.19 -1.16 0.00	43.05 -1.04 0.00	42.71 -0.97 0.00	38.19 -0.83 0.00	38.67 -0.89 0.00	43.43 -0.76 0.00	48.82 -0.62 0.00	58.67 -0.95 0.00	57.29 -1.40 0.00	54.86 -2.33 0.00	48.54 -1.79 0.00	47.09 -1.09 0.00	47.43 -1.19 0.00	53.36 -0.71 0.00	48.70 -1.37 0.00	46.52 -1.50 0.05	48.00 -1.69 0.04	44.92 -1.60 0.00

BINGHAMTON___COGEN 23790	51.42 -0.08 0.00	50.00 -0.19 0.00	44.98 -0.31 0.00	38.69 -0.25 0.00	39.44 -0.28 0.00	38.90 -0.24 0.00	41.10 -0.25 0.00	43.81 -0.28 0.00	43.29 -0.39 0.00	38.65 -0.37 0.00	39.27 -0.29 0.00	43.86 -0.33 0.00	49.07 -0.38 0.00	59.22 -0.40 0.00	58.26 -0.43 0.00	56.91 -0.28 0.00	50.00 -0.33 0.00	48.01 -0.17 0.00	48.56 -0.06 0.00	54.28 0.21 0.00	50.04 -0.03 0.00	47.95 -0.11 0.01	49.55 -0.17 0.01	46.35 -0.17 0.00
BIXINCNT_115KV_LOAD 355685	51.59 0.09 0.00	50.10 -0.09 0.00	44.84 -0.45 0.00	38.59 -0.34 0.00	39.32 -0.40 0.00	38.80 -0.33 0.00	40.75 -0.60 0.00	43.57 -0.53 0.00	43.17 -0.51 0.00	38.56 -0.46 0.00	39.01 -0.55 0.00	43.52 -0.66 0.00	48.93 -0.51 0.00	59.12 -0.50 0.00	57.92 -0.77 0.00	55.72 -1.47 0.00	49.02 -1.31 0.00	47.39 -0.78 0.00	47.83 -0.79 0.00	53.92 -0.15 0.00	49.32 -0.75 0.00	47.07 -0.96 0.04	48.68 -1.01 0.04	45.46 -1.06 0.00
BLACK RIVER___HYD 24047	53.36 1.86 0.00	51.80 1.61 0.00	46.70 1.42 0.00	40.15 1.21 0.00	40.92 1.20 0.00	40.40 1.26 0.00	42.67 1.32 0.00	45.44 1.35 0.00	44.89 1.21 0.00	40.34 1.32 0.00	40.80 1.25 0.00	45.17 0.98 0.00	50.21 0.77 0.00	59.94 0.33 0.00	58.75 0.06 0.00	57.17 -0.01 0.00	50.80 0.47 0.00	49.23 1.06 0.00	50.78 2.16 0.00	56.83 2.76 0.00	52.61 2.54 0.00	50.72 2.65 0.00	52.20 2.47 0.00	48.53 2.01 0.00
BLACKRVR_115KV_TB2 79977	53.36 1.86 0.00	51.80 1.61 0.00	46.70 1.41 0.00	40.15 1.21 0.00	40.92 1.20 0.00	40.40 1.26 0.00	42.67 1.32 0.00	45.44 1.35 0.00	44.89 1.21 0.00	40.34 1.32 0.00	40.80 1.25 0.00	45.17 0.98 0.00	50.21 0.77 0.00	59.95 0.33 0.00	58.75 0.06 0.00	57.17 -0.01 0.00	50.80 0.47 0.00	49.23 1.06 0.00	50.77 2.15 0.00	56.83 2.76 0.00	52.61 2.54 0.00	50.72 2.65 0.00	52.20 2.47 0.00	48.53 2.01 0.00
BLISS_WT_PWR 323608	50.54 0.04 1.00	42.91 -0.10 7.18	37.02 -0.44 7.83	32.49 -0.34 6.11	34.99 -0.41 4.32	34.45 -0.35 4.34	40.27 -0.61 0.47	43.56 -0.54 0.00	43.15 -0.53 0.00	37.81 -0.46 0.75	38.98 -0.58 0.00	39.18 -0.69 4.32	43.26 -0.52 5.66	52.42 -0.50 6.69	54.49 -0.77 3.43	55.71 -1.47 0.00	47.82 -1.34 1.17	41.47 -0.79 5.92	40.04 -0.81 7.77	48.31 -0.18 5.58	48.19 -0.78 1.10	47.05 -0.97 0.04	48.66 -1.03 0.04	45.42 -1.10 0.00
BLUESTONE___WT_PWR 323821	53.39 1.71 -0.18	53.36 1.88 -1.30	48.18 1.48 -1.41	41.23 1.19 -1.10	41.53 1.03 -0.78	40.86 0.94 -0.78	42.26 0.82 -0.08	44.81 0.72 0.00	44.80 1.12 0.00	39.89 0.74 -0.13	40.01 0.46 0.00	45.61 0.65 -0.78	51.31 0.85 -1.02	62.28 1.45 -1.21	60.57 1.27 -0.62	58.74 1.56 0.00	51.34 0.80 -0.21	50.58 1.34 -1.07	51.59 1.56 -1.40	57.72 2.64 -1.01	52.41 2.14 -0.20	49.67 1.61 0.01	51.64 1.93 0.01	48.24 1.72 0.00
BLUE_CIRC_CHEM_DRP 24182	52.01 0.51 0.00	50.80 0.61 0.00	45.84 0.55 0.00	39.42 0.48 0.00	40.29 0.57 0.00	39.66 0.53 0.00	41.80 0.45 0.00	44.47 0.38 0.00	43.93 0.25 0.00	39.20 0.19 0.00	39.70 0.15 0.00	44.46 0.27 0.00	49.84 0.41 0.00	60.14 0.52 0.00	59.44 0.75 0.00	58.04 0.86 0.00	51.01 0.68 0.00	48.72 0.54 0.00	49.18 0.56 0.00	54.65 0.58 0.00	50.70 0.63 0.00	48.71 0.64 0.00	50.48 0.76 0.00	47.21 0.69 0.00
BOC_GAS_DRP 24189	51.70 0.20 0.00	50.50 0.31 0.00	45.55 0.26 0.00	39.17 0.23 0.00	40.01 0.28 0.00	39.39 0.25 0.00	41.54 0.18 0.00	44.26 0.17 0.00	43.86 0.18 0.00	39.24 0.22 0.00	39.77 0.22 0.00	44.52 0.34 0.00	49.88 0.45 0.00	60.21 0.59 0.00	59.34 0.65 0.00	57.94 0.76 0.00	50.90 0.56 0.00	48.55 0.37 0.00	48.99 0.37 0.00	54.34 0.26 0.00	50.40 0.33 0.00	48.44 0.37 0.00	50.20 0.48 0.00	46.96 0.44 0.00
BOONVILLE_115KV_TB1 79983	52.83 1.33 0.00	51.39 1.21 0.00	46.34 1.05 0.00	39.84 0.90 0.00	40.63 0.91 0.00	40.08 0.94 0.00	42.32 0.97 0.00	45.07 0.98 0.00	44.57 0.89 0.00	39.78 0.77 0.00	40.31 0.75 0.00	44.92 0.73 0.00	50.15 0.70 0.00	60.33 0.72 0.00	59.39 0.69 0.00	57.90 0.72 0.00	51.15 0.82 0.00	49.18 1.01 0.00	50.00 1.38 0.00	55.81 1.74 0.00	51.66 1.58 0.00	49.65 1.58 0.00	51.28 1.55 0.00	47.84 1.32 0.00
BORALEX_4TH_BRANCH 23824	52.49 0.99 0.00	51.73 1.54 0.00	46.81 1.53 0.00	40.25 1.32 0.00	41.29 1.57 0.00	40.66 1.52 0.00	42.54 1.19 0.00	45.28 1.19 0.00	44.80 1.13 0.00	40.06 1.04 0.00	40.28 0.73 0.00	45.17 0.98 0.00	50.77 1.33 0.00	61.29 1.67 0.00	60.36 1.67 0.00	58.94 1.75 0.00	51.75 1.42 0.00	49.08 0.91 0.00	49.68 1.05 0.00	55.06 0.99 0.00	51.18 1.12 0.00	49.45 1.39 0.00	51.52 1.80 0.00	48.25 1.73 0.00
BOWLINE___1 23526	53.07 1.58 0.00	51.56 1.37 0.00	46.35 1.06 0.00	39.81 0.87 0.00	40.57 0.85 0.00	39.94 0.80 0.00	42.28 0.93 0.00	45.09 1.00 0.00	44.78 1.10 0.00	40.23 1.22 0.00	41.01 1.46 0.00	46.03 1.84 0.00	51.57 2.13 0.00	62.17 2.55 0.00	61.42 2.73 0.00	60.14 2.95 0.00	52.83 2.50 0.00	50.12 1.95 0.00	50.54 1.92 0.00	55.96 1.89 0.00	51.80 1.73 0.00	49.77 1.70 0.00	51.56 1.84 0.00	48.22 1.70 0.00
BOWLINE___2 23595	53.07 1.58 0.00	51.56 1.37 0.00	46.35 1.06 0.00	39.81 0.87 0.00	40.57 0.85 0.00	39.94 0.80 0.00	42.28 0.93 0.00	45.09 1.00 0.00	44.78 1.10 0.00	40.23 1.22 0.00	41.01 1.46 0.00	46.03 1.84 0.00	51.57 2.13 0.00	62.17 2.55 0.00	61.42 2.73 0.00	60.14 2.95 0.00	52.83 2.50 0.00	50.12 1.95 0.00	50.54 1.92 0.00	55.96 1.89 0.00	51.80 1.73 0.00	49.77 1.70 0.00	51.56 1.84 0.00	48.22 1.70 0.00
BRADY___115KV_TB2 356060	52.76 1.26 0.00	51.33 1.13 0.00	46.24 0.95 0.00	39.83 0.89 0.00	40.62 0.90 0.00	40.09 0.95 0.00	42.55 1.19 0.00	45.32 1.23 0.00	44.84 1.16 0.00	39.99 0.97 0.00	40.54 0.98 0.00	44.95 0.76 0.00	50.29 0.85 0.00	60.44 0.82 0.00	59.12 0.43 0.00	57.60 0.42 0.00	51.33 1.00 0.00	49.15 0.97 0.00	49.54 0.92 0.00	55.34 1.27 0.00	51.28 1.21 0.00	49.16 1.09 0.00	50.78 1.06 0.00	47.47 0.95 0.00
BRANSCOMB___SOLAR 323811	53.21 1.71 0.00	52.02 1.83 0.00	46.89 1.60 0.00	40.28 1.34 0.00	41.14 1.42 0.00	40.53 1.39 0.00	42.65 1.30 0.00	45.39 1.30 0.00	44.74 1.06 0.00	39.87 0.86 0.00	40.24 0.68 0.00	45.08 0.89 0.00	50.55 1.11 0.00	60.89 1.28 0.00	60.08 1.39 0.00	58.64 1.46 0.00	51.49 1.16 0.00	49.47 1.29 0.00	50.35 1.73 0.00	55.92 1.84 0.00	51.93 1.86 0.00	49.81 1.74 0.00	51.67 1.95 0.00	48.31 1.79 0.00
BRDGHMPT_69_KV_BK1 55812	54.35 2.85 0.00	53.43 3.24 0.00	48.02 2.73 0.00	40.96 2.02 0.00	41.81 2.08 0.00	41.50 2.36 0.00	44.09 2.74 0.00	46.48 2.39 0.00	46.58 2.90 0.00	42.12 3.11 0.00	43.37 3.82 0.00	49.33 4.83 -0.31	54.78 5.34 0.00	65.03 5.41 0.00	63.67 4.98 0.00	63.25 6.06 0.00	55.95 5.62 0.00	52.90 4.72 0.00	53.19 4.57 0.00	57.37 3.30 0.00	54.25 4.18 0.00	52.61 4.54 0.00	54.30 4.58 0.00	50.69 4.17 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	53.90 2.40 0.00	52.71 2.52 0.00	47.58 2.29 0.00	40.79 1.85 0.00	41.51 1.79 0.00	40.98 1.84 0.00	43.35 2.00 0.00	45.97 1.88 0.00	45.83 2.16 0.00	41.30 2.28 0.00	42.34 2.78 0.00	47.92 3.42 -0.31	53.14 3.70 0.00	63.13 3.52 0.00	62.06 3.37 0.00	61.25 4.07 0.00	54.14 3.81 0.00	51.49 3.32 0.00	51.99 3.36 0.00	56.82 2.75 0.00	52.99 2.92 0.00	51.30 3.23 0.00	53.08 3.36 0.00	49.71 3.20 0.00
BRISTLHL_115KV_TB1 79998	50.45 -1.05 0.00	49.14 -1.05 0.00	44.42 -0.87 0.00	38.20 -0.74 0.00	38.95 -0.77 0.00	38.37 -0.77 0.00	40.48 -0.88 0.00	43.14 -0.95 0.00	42.64 -1.04 0.00	38.09 -0.92 0.00	38.60 -0.96 0.00	43.04 -1.15 0.00	48.04 -1.40 0.00	57.92 -1.69 0.00	56.99 -1.70 0.00	55.44 -1.75 0.00	48.74 -1.59 0.00	46.82 -1.36 0.00	47.44 -1.18 0.00	52.91 -1.16 0.00	48.92 -1.15 0.00	46.94 -1.17 -0.04	48.48 -1.29 -0.03	45.34 -1.18 0.00
BROOKHAVEN___DRP 24191	53.26 1.76 0.00	52.14 1.95 0.00	47.05 1.77 0.00	40.31 1.37 0.00	41.04 1.32 0.00	40.63 1.49 0.00	43.07 1.72 0.00	45.47 1.38 0.00	45.34 1.66 0.00	40.87 1.85 0.00	41.95 2.40 0.00	47.54 3.04 -0.31	52.72 3.27 0.00	62.54 2.93 0.00	61.57 2.88 0.00	61.11 3.92 0.00	54.02 3.69 0.00	51.18 3.00 0.00	51.73 3.11 0.00	56.22 2.15 0.00	52.60 2.53 0.00	50.98 2.91 0.00	52.71 2.98 0.00	49.29 2.77 0.00
BROOKLYN_NAVY_YARD 23515	53.53 2.03 0.00	52.02 1.83 0.00	46.77 1.48 0.00	40.15 1.22 0.00	40.91 1.19 0.00	40.27 1.13 0.00	42.61 1.26 0.00	45.46 1.37 0.00	45.19 1.51 0.00	40.66 1.64 0.00	41.46 1.90 0.00	46.53 2.35 0.00	52.02 2.58 0.00	62.69 3.07 0.00	61.90 3.21 0.00	60.62 3.43 0.00	53.13 2.80 0.00	50.27 2.09 0.00	50.57 1.95 0.00	55.82 1.75 0.01	51.71 1.65 0.01	49.86 1.81 0.01	51.85 2.12 0.00	48.51 1.99 0.00
BROOKLYN___ARMY_DRP 323595	53.78 2.28 0.00	52.24 2.06 0.00	46.96 1.67 0.00	40.29 1.35 0.00	41.05 1.33 0.00	40.41 1.27 0.00	42.78 1.43 0.00	45.64 1.55 0.00	45.34 1.67 0.00	40.81 1.79 0.00	41.62 2.06 0.00	46.71 2.53 0.00	52.20 2.76 0.00	62.92 3.31 0.00	62.14 3.45 0.00	60.91 3.72 0.00	53.41 3.08 0.00	50.50 2.32 0.00	50.78 2.16 0.00	56.11 2.04 0.00	52.06 1.99 0.00	50.17 2.10 0.00	52.02 2.30 0.00	48.68 2.16 0.00
BROOME_2_LFGE 323671	51.62 -0.09 -0.20	51.47 -0.18 -1.47	46.60 -0.29 -1.60	39.95 -0.23 -1.25	40.33 -0.28 -0.88	39.80 -0.22 -0.88	41.19 -0.25 -0.10	43.81 -0.28 0.00	43.29 -0.39 0.00	38.81 -0.36 -0.15	39.27 -0.29 0.00	44.75 -0.31 -0.88	50.23 -0.36 -1.16	60.60 -0.38 -1.37	58.97 -0.42 -0.70	56.91 -0.28 0.00	50.25 -0.33 -0.24	49.22 -0.16 -1.21	50.16 -0.05 -1.59	55.42 0.21 -1.14	50.26 -0.03 -0.22	47.95 -0.11 0.01	49.54 -0.17 0.01	46.35 -0.17 0.00
BROOME___LFGE 323600	51.62 -0.09 -0.20	51.47 -0.18 -1.47	46.60 -0.29 -1.60	39.95 -0.23 -1.25	40.33 -0.28 -0.88	39.80 -0.22 -0.88	41.19 -0.25 -0.10	43.81 -0.28 0.00	43.29 -0.39 0.00	38.81 -0.36 -0.15	39.27 -0.29 0.00	44.75 -0.31 -0.88	50.23 -0.36 -1.16	60.60 -0.38 -1.37	58.97 -0.42 -0.70	56.91 -0.28 0.00	50.25 -0.33 -0.24	49.22 -0.16 -1.21	50.16 -0.05 -1.59	55.42 0.21 -1.14	50.26 -0.03 -0.22	47.95 -0.11 0.01	49.54 -0.17 0.01	46.35 -0.17 0.00
BROWNFLS_115KV_TB 3_5 80003	52.66 1.17 0.00	51.21 1.02 0.00	46.15 0.86 0.00	39.71 0.77 0.00	40.50 0.78 0.00	39.97 0.83 0.00	42.31 0.96 0.00	45.09 1.00 0.00	44.66 0.99 0.00	39.94 0.92 0.00	40.45 0.89 0.00	44.87 0.68 0.00	50.09 0.65 0.00	60.04 0.42 0.00	58.82 0.13 0.00	57.28 0.09 0.00	50.82 0.49 0.00	48.88 0.70 0.00	49.64 1.02 0.00	55.45 1.38 0.00	51.38 1.31 0.00	49.41 1.35 0.00	51.04 1.32 0.00	47.62 1.10 0.00
BROWNSV1_27_KV_LOAD 356125	54.15 2.65 0.00	52.57 2.39 0.00	47.25 1.97 0.00	40.55 1.62 0.00	41.30 1.58 0.00	40.66 1.52 0.00	43.05 1.69 0.00	45.91 1.82 0.00	45.63 1.96 0.00	41.07 2.06 0.00	41.91 2.36 0.00	47.06 2.88 0.00	52.61 3.17 0.00	63.39 3.77 0.00	62.61 3.92 0.00	61.32 4.13 0.00	53.76 3.43 0.00	50.89 2.71 0.00	51.17 2.55 0.00	56.52 2.45 0.00	52.37 2.30 0.00	50.48 2.42 0.00	52.39 2.67 0.00	49.02 2.50 0.00
BURROWS___LYONSDAL 23803	52.90 1.40 0.00	51.44 1.26 0.00	46.38 1.09 0.00	39.87 0.94 0.00	40.67 0.95 0.00	40.12 0.98 0.00	42.37 1.02 0.00	45.13 1.04 0.00	44.64 0.96 0.00	39.87 0.85 0.00	40.37 0.81 0.00	44.93 0.75 0.00	50.12 0.67 0.00	60.23 0.61 0.00	59.24 0.55 0.00	57.73 0.55 0.00	51.04 0.71 0.00	49.13 0.95 0.00	49.99 1.37 0.00	55.85 1.78 0.00	51.70 1.63 0.00	49.75 1.68 0.00	51.38 1.65 0.00	47.92 1.40 0.00
CAITHNESS_CC_1 323624	53.24 1.74 0.00	52.12 1.93 0.00	47.03 1.75 0.00	40.30 1.36 0.00	41.03 1.31 0.00	40.60 1.46 0.00	43.01 1.65 0.00	45.45 1.36 0.00	45.33 1.65 0.00	40.86 1.84 0.00	41.93 2.38 0.00	47.51 3.01 -0.31	52.66 3.22 0.00	62.46 2.84 0.00	61.51 2.82 0.00	61.00 3.81 0.00	53.92 3.59 0.00	51.07 2.89 0.00	51.60 2.98 0.00	56.15 2.08 0.00	52.51 2.43 0.00	50.89 2.82 0.00	52.63 2.91 0.00	49.25 2.73 0.00
CALPINE BETH_PAGE_GT4 24209	53.54 2.04 0.00	52.26 2.07 0.00	47.12 1.84 0.00	40.43 1.49 0.00	41.15 1.43 0.00	40.57 1.44 0.00	42.94 1.59 0.00	45.60 1.51 0.00	45.46 1.78 0.00	40.95 1.93 0.00	41.96 2.41 0.00	47.45 2.95 -0.31	52.63 3.19 0.00	62.80 3.18 0.00	61.60 2.91 0.00	60.80 3.61 0.00	53.63 3.30 0.00	50.85 2.67 0.00	51.29 2.67 0.00	56.31 2.24 0.00	52.41 2.34 0.00	50.76 2.69 0.00	52.54 2.81 0.00	49.27 2.75 0.00
CALPINE_BETH_PAGE_GT_4 323586	53.53 2.03 0.00	52.26 2.07 0.00	47.12 1.84 0.00	40.43 1.50 0.00	41.15 1.43 0.00	40.57 1.44 0.00	42.94 1.58 0.00	45.59 1.50 0.00	45.47 1.79 0.00	40.94 1.93 0.00	41.96 2.41 0.00	47.45 2.95 -0.31	52.62 3.18 0.00	62.77 3.16 0.00	61.60 2.91 0.00	60.80 3.62 0.00	53.63 3.30 0.00	50.84 2.67 0.00	51.29 2.67 0.00	56.31 2.24 0.00	52.40 2.33 0.00	50.75 2.69 0.00	52.53 2.81 0.00	49.27 2.76 0.00
CALPINE_BP_GT1 23823	53.53 2.03 0.00	52.26 2.07 0.00	47.12 1.84 0.00	40.43 1.50 0.00	41.15 1.43 0.00	40.57 1.44 0.00	42.94 1.58 0.00	45.59 1.50 0.00	45.47 1.79 0.00	40.94 1.93 0.00	41.96 2.41 0.00	47.45 2.95 -0.31	52.62 3.18 0.00	62.77 3.16 0.00	61.60 2.91 0.00	60.80 3.62 0.00	53.63 3.30 0.00	50.84 2.67 0.00	51.29 2.67 0.00	56.31 2.24 0.00	52.40 2.33 0.00	50.75 2.69 0.00	52.53 2.81 0.00	49.27 2.76 0.00
CALSPAN___DRP 24200	51.23 -0.27 0.00	49.74 -0.45 0.00	44.52 -0.76 0.00	38.29 -0.65 0.00	39.05 -0.67 0.00	38.44 -0.70 0.00	40.11 -1.24 0.00	42.97 -1.13 0.00	42.61 -1.07 0.00	38.09 -0.92 0.00	38.57 -0.99 0.00	43.30 -0.89 0.00	48.66 -0.78 0.00	58.47 -1.14 0.00	57.10 -1.59 0.00	54.67 -2.52 0.00	48.39 -1.94 0.00	46.91 -1.27 0.00	47.26 -1.36 0.00	53.18 -0.89 0.00	48.55 -1.52 0.00	46.39 -1.63 0.05	47.88 -1.81 0.04	44.80 -1.72 0.00

CALVERTON___SOLAR 323806	53.35 1.85 0.00	52.24 2.05 0.00	47.12 1.84 0.00	40.36 1.42 0.00	41.10 1.38 0.00	40.71 1.58 0.00	43.17 1.81 0.00	45.55 1.45 0.00	45.43 1.75 0.00	40.95 1.94 0.00	42.05 2.49 0.00	47.66 3.17 -0.31	52.86 3.42 0.00	62.71 3.09 0.00	61.73 3.04 0.00	61.33 4.14 0.00	54.23 3.90 0.00	51.39 3.21 0.00	51.93 3.31 0.00	56.37 2.30 0.00	52.79 2.72 0.00	51.14 3.07 0.00	52.87 3.14 0.00	49.41 2.89 0.00
CANDIGU_WT_PWR 323617	51.72 -0.24 -0.46	53.12 -0.39 -3.33	48.25 -0.66 -3.63	41.22 -0.55 -2.83	41.11 -0.61 -2.00	40.66 -0.48 -2.01	40.90 -0.67 -0.22	43.32 -0.78 0.00	42.51 -1.17 0.00	38.05 -1.32 -0.35	38.26 -1.30 0.00	44.77 -1.42 -2.00	50.64 -1.43 -2.62	61.14 -1.58 -3.10	58.45 -1.83 -1.59	55.07 -2.12 0.00	48.95 -1.92 -0.54	49.47 -1.45 -2.74	51.12 -1.10 -3.60	56.43 -0.23 -2.59	49.81 -0.77 -0.51	47.29 -0.74 0.03	48.85 -0.84 0.03	45.69 -0.83 0.00
CARR STREET_E_SYR 24060	50.83 -0.66 0.00	49.51 -0.68 0.00	44.73 -0.56 0.00	38.45 -0.49 0.00	39.20 -0.52 0.00	38.63 -0.51 0.00	40.74 -0.61 0.00	43.44 -0.65 0.00	42.96 -0.72 0.00	38.39 -0.62 0.00	38.96 -0.60 0.00	43.51 -0.68 0.00	48.58 -0.87 0.00	58.58 -1.03 0.00	57.66 -1.03 0.00	56.15 -1.04 0.00	49.43 -0.90 0.00	47.48 -0.70 0.00	48.03 -0.59 0.00	53.52 -0.55 0.00	49.43 -0.64 0.00	47.36 -0.68 0.02	48.92 -0.79 0.02	45.77 -0.75 0.00
CARTHAGE___PAPER 23857	53.56 2.06 0.00	52.01 1.82 0.00	46.88 1.59 0.00	40.31 1.37 0.00	41.09 1.37 0.00	40.56 1.42 0.00	42.88 1.53 0.00	45.67 1.58 0.00	45.16 1.48 0.00	40.51 1.49 0.00	40.93 1.38 0.00	45.33 1.15 0.00	50.36 0.92 0.00	60.28 0.67 0.00	59.05 0.35 0.00	57.40 0.22 0.00	50.97 0.64 0.00	49.41 1.23 0.00	50.82 2.19 0.00	56.86 2.78 0.00	52.67 2.60 0.00	50.73 2.66 0.00	52.30 2.58 0.00	48.66 2.15 0.00
CASSADAGA_WT_PWR 323784	51.32 0.75 0.93	43.95 0.43 6.66	37.91 -0.11 7.27	33.20 -0.07 5.67	35.52 -0.19 4.01	35.08 -0.03 4.03	40.70 -0.21 0.44	43.98 -0.11 0.00	43.31 -0.37 0.00	37.85 -0.48 0.69	38.95 -0.61 0.00	39.55 -0.62 4.01	43.99 -0.20 5.25	53.12 -0.28 6.21	54.81 -0.69 3.19	55.85 -1.33 0.00	48.26 -0.98 1.09	42.24 -0.44 5.49	41.06 -0.35 7.22	49.47 0.58 5.18	48.74 -0.31 1.02	47.58 -0.45 0.04	49.10 -0.59 0.04	45.81 -0.71 0.00
CE_DUNWOOD___DRP 24194	53.37 1.87 0.00	51.87 1.68 0.00	46.63 1.35 0.00	40.05 1.12 0.00	40.82 1.10 0.00	40.18 1.04 0.00	42.52 1.17 0.00	45.35 1.26 0.00	45.05 1.37 0.00	40.50 1.49 0.00	41.30 1.74 0.00	46.36 2.18 0.00	51.89 2.45 0.00	62.53 2.91 0.00	61.73 3.04 0.00	60.49 3.30 0.00	53.11 2.78 0.00	50.35 2.17 0.00	50.72 2.10 0.00	56.06 1.99 0.00	51.94 1.87 0.00	49.98 1.91 0.00	51.81 2.08 0.00	48.46 1.94 0.00
CE_MILLWOOD___DRP 24193	53.24 1.74 0.00	51.75 1.56 0.00	46.54 1.25 0.00	39.96 1.02 0.00	40.72 1.00 0.00	40.10 0.96 0.00	42.43 1.08 0.00	45.24 1.15 0.00	44.95 1.27 0.00	40.38 1.37 0.00	41.18 1.62 0.00	46.22 2.03 0.00	51.75 2.31 0.00	62.37 2.75 0.00	61.59 2.90 0.00	60.34 3.15 0.00	52.98 2.65 0.00	50.25 2.07 0.00	50.62 2.00 0.00	56.00 1.92 0.00	51.87 1.80 0.00	49.89 1.82 0.00	51.70 1.98 0.00	48.36 1.84 0.00
CE_NYC2_DRP 24202	53.59 2.09 0.00	52.11 1.92 0.00	46.87 1.58 0.00	40.24 1.30 0.00	40.99 1.27 0.00	40.37 1.23 0.00	42.73 1.37 0.00	45.57 1.48 0.00	45.30 1.63 0.00	40.77 1.75 0.00	41.59 2.03 0.00	46.66 2.47 0.00	52.12 2.67 0.00	62.80 3.19 0.00	62.02 3.33 0.00	60.77 3.58 0.00	53.28 2.95 0.00	50.40 2.23 0.00	50.67 2.05 0.00	56.01 1.94 0.00	51.93 1.86 0.00	50.07 2.00 0.00	51.91 2.18 0.00	48.60 2.07 0.00
CE_NYC_DRP 24195	53.73 2.23 0.00	52.19 2.00 0.00	46.91 1.62 0.00	40.27 1.33 0.00	41.03 1.30 0.00	40.39 1.25 0.00	42.76 1.40 0.00	45.61 1.52 0.00	45.33 1.65 0.00	40.80 1.78 0.00	41.63 2.08 0.00	46.73 2.55 0.00	52.24 2.80 0.00	62.94 3.32 0.00	62.14 3.45 0.00	60.89 3.70 0.00	53.39 3.06 0.00	50.51 2.33 0.00	50.81 2.19 0.00	56.12 2.05 0.00	51.99 1.93 0.00	50.12 2.06 0.00	52.02 2.29 0.00	48.68 2.16 0.00
CHAFFEE___LFGE 323603	50.49 -0.16 0.85	43.78 -0.33 6.08	38.00 -0.66 6.63	33.21 -0.56 5.17	35.47 -0.60 3.66	34.85 -0.62 3.67	39.83 -1.12 0.40	43.09 -1.00 0.00	42.73 -0.96 0.00	37.60 -0.79 0.63	38.70 -0.86 0.00	39.77 -0.76 3.66	44.04 -0.61 4.79	53.03 -0.92 5.67	54.43 -1.36 2.90	54.98 -2.21 0.00	47.62 -1.72 0.99	42.16 -1.01 5.01	40.95 -1.09 6.58	48.76 -0.58 4.72	47.91 -1.24 0.93	46.64 -1.39 0.04	48.13 -1.56 0.04	45.00 -1.53 0.00
CHATEAUG_35_KV_LOAD 355732	51.88 0.38 0.00	50.49 0.30 0.00	45.51 0.22 0.00	39.20 0.26 0.00	39.98 0.26 0.00	39.45 0.31 0.00	41.82 0.47 0.00	44.61 0.51 0.00	44.25 0.57 0.00	39.43 0.42 0.00	39.91 0.36 0.00	44.42 0.23 0.00	49.77 0.33 0.00	59.99 0.37 0.00	58.89 0.20 0.00	57.26 0.07 0.00	50.53 0.20 0.00	48.51 0.33 0.00	48.82 0.20 0.00	54.43 0.36 0.00	50.40 0.33 0.00	48.15 0.08 0.00	49.84 0.11 0.00	46.65 0.13 0.00
CHATEAUG_WT_PWR 323614	51.85 0.35 0.00	50.48 0.29 0.00	45.50 0.22 0.00	39.19 0.25 0.00	39.97 0.25 0.00	39.42 0.28 0.00	41.80 0.44 0.00	44.58 0.48 0.00	44.23 0.55 0.00	39.44 0.42 0.00	39.95 0.39 0.00	44.47 0.28 0.00	49.84 0.39 0.00	60.09 0.47 0.00	58.96 0.27 0.00	57.33 0.15 0.00	50.58 0.25 0.00	48.49 0.32 0.00	48.83 0.21 0.00	54.39 0.32 0.00	50.35 0.28 0.00	48.12 0.05 0.00	49.83 0.11 0.00	46.65 0.13 0.00
CHAT_HIGH_FALL_HYD 323578	51.88 0.38 0.00	50.49 0.30 0.00	45.51 0.22 0.00	39.20 0.26 0.00	39.98 0.26 0.00	39.45 0.31 0.00	41.82 0.47 0.00	44.61 0.51 0.00	44.25 0.57 0.00	39.43 0.42 0.00	39.91 0.36 0.00	44.42 0.23 0.00	49.77 0.33 0.00	59.99 0.37 0.00	58.89 0.20 0.00	57.26 0.07 0.00	50.53 0.20 0.00	48.51 0.33 0.00	48.82 0.20 0.00	54.43 0.36 0.00	50.40 0.33 0.00	48.15 0.08 0.00	49.84 0.11 0.00	46.65 0.13 0.00
CHAUTAUQUA___LFGE 323629	50.76 0.11 0.85	43.95 -0.17 6.07	38.05 -0.61 6.62	33.27 -0.50 5.17	35.50 -0.57 3.65	35.00 -0.46 3.67	40.20 -0.75 0.40	43.43 -0.66 0.00	42.87 -0.81 0.00	37.59 -0.80 0.63	38.67 -0.88 0.00	39.64 -0.90 3.65	44.01 -0.64 4.79	53.07 -0.89 5.66	54.51 -1.28 2.90	55.33 -1.86 0.00	47.86 -1.48 0.99	42.27 -0.90 5.01	41.16 -0.89 6.58	49.23 -0.12 4.72	48.29 -0.86 0.93	47.03 -1.00 0.04	48.52 -1.16 0.04	45.36 -1.16 0.00
CHERRYST_13_KV_LD 356241	53.89 2.39 0.00	52.34 2.15 0.00	47.04 1.75 0.00	40.38 1.44 0.00	41.14 1.42 0.00	40.50 1.36 0.00	42.86 1.51 0.00	45.74 1.65 0.00	45.47 1.79 0.00	40.92 1.91 0.00	41.76 2.20 0.00	46.87 2.68 0.00	52.40 2.96 0.00	63.13 3.51 0.00	62.36 3.67 0.00	61.08 3.89 0.00	53.55 3.22 0.00	50.67 2.49 0.00	50.97 2.35 0.00	56.29 2.22 0.00	52.16 2.09 0.00	50.27 2.20 0.00	52.17 2.44 0.00	48.80 2.28 0.00

CHESTROR_138KV_BK263 355645	52.84 1.34 0.00	51.36 1.17 0.00	46.18 0.89 0.00	39.67 0.73 0.00	40.44 0.72 0.00	39.81 0.67 0.00	42.11 0.76 0.00	44.90 0.81 0.00	44.55 0.87 0.00	39.98 0.96 0.00	40.70 1.14 0.00	45.66 1.47 0.00	51.16 1.72 0.00	61.74 2.12 0.00	60.98 2.29 0.00	59.68 2.50 0.00	52.46 2.13 0.00	49.86 1.69 0.00	50.31 1.68 0.00	55.74 1.67 0.00	51.62 1.55 0.00	49.56 1.49 0.00	51.32 1.60 0.00	47.99 1.47 0.00
CH_MIDHUDSON___DRP 24192	53.11 1.61 0.00	51.67 1.48 0.00	46.50 1.22 0.00	39.93 0.99 0.00	40.71 0.99 0.00	40.08 0.94 0.00	42.37 1.02 0.00	45.16 1.07 0.00	44.83 1.15 0.00	40.25 1.24 0.00	40.99 1.44 0.00	45.99 1.81 0.00	51.51 2.08 0.00	62.18 2.56 0.00	61.39 2.70 0.00	60.15 2.96 0.00	52.83 2.50 0.00	50.21 2.04 0.00	50.62 2.00 0.00	56.01 1.94 0.00	51.89 1.82 0.00	49.87 1.81 0.00	51.65 1.93 0.00	48.28 1.76 0.00
CH_MISC_IPPS 23765	53.48 1.98 0.00	51.99 1.80 0.00	46.74 1.46 0.00	40.14 1.20 0.00	40.92 1.20 0.00	40.28 1.15 0.00	42.61 1.25 0.00	45.42 1.33 0.00	45.09 1.41 0.00	40.48 1.46 0.00	41.24 1.68 0.00	46.27 2.08 0.00	51.85 2.42 0.00	62.58 2.97 0.00	61.81 3.12 0.00	60.57 3.38 0.00	53.24 2.91 0.00	50.62 2.45 0.00	51.04 2.42 0.00	56.48 2.41 0.00	52.29 2.22 0.00	50.23 2.16 0.00	52.00 2.27 0.00	48.59 2.07 0.00
CH_RES_BVR_FALLS 23983	51.51 0.01 0.00	50.19 0.00 0.00	45.26 -0.02 0.00	38.94 0.00 0.00	39.72 0.00 0.00	39.14 0.00 0.00	41.40 0.04 0.00	44.15 0.06 0.00	43.76 0.09 0.00	39.06 0.04 0.00	39.59 0.03 0.00	44.18 0.00 0.00	49.44 0.00 0.00	59.62 0.00 0.00	58.64 -0.05 0.00	57.10 -0.09 0.00	50.30 -0.03 0.00	48.17 0.00 0.00	48.58 -0.05 0.00	54.03 -0.04 0.00	50.04 -0.03 0.00	48.02 -0.04 0.00	49.67 -0.06 0.00	46.46 -0.06 0.00
CH_RES_NIAGARA 23895	49.71 -1.79 0.00	48.40 -1.79 0.00	43.41 -1.88 0.00	37.39 -1.55 0.00	38.23 -1.49 0.00	37.62 -1.52 0.00	39.18 -2.17 0.00	42.01 -2.08 0.00	41.79 -1.89 0.00	37.33 -1.68 0.00	37.80 -1.75 0.00	42.28 -1.91 0.00	47.12 -2.32 0.00	56.34 -3.27 0.00	55.22 -3.47 0.00	52.85 -4.33 0.00	46.77 -3.56 0.00	45.16 -3.01 0.00	45.32 -3.30 0.00	50.94 -3.12 0.00	46.74 -3.33 0.00	44.58 -3.44 0.05	46.15 -3.54 0.05	43.33 -3.19 0.00
CH_RES_SYRACUSE 23985	51.12 -0.38 0.00	49.79 -0.40 0.00	44.99 -0.30 0.00	38.64 -0.30 0.00	39.41 -0.31 0.00	38.85 -0.29 0.00	40.97 -0.38 0.00	43.68 -0.41 0.00	43.19 -0.49 0.00	38.53 -0.49 0.00	39.11 -0.44 0.00	43.64 -0.54 0.00	48.76 -0.68 0.00	58.82 -0.80 0.00	57.88 -0.82 0.00	56.35 -0.83 0.00	49.62 -0.71 0.00	47.68 -0.49 0.00	48.32 -0.31 0.00	53.84 -0.23 0.00	49.75 -0.32 0.00	47.67 -0.40 0.00	49.23 -0.50 0.00	46.04 -0.48 0.00
CLINTON_WT_PWR 323605	51.85 0.35 0.00	50.48 0.29 0.00	45.50 0.22 0.00	39.19 0.25 0.00	39.97 0.25 0.00	39.42 0.28 0.00	41.80 0.44 0.00	44.58 0.48 0.00	44.23 0.55 0.00	39.44 0.42 0.00	39.95 0.39 0.00	44.47 0.28 0.00	49.84 0.39 0.00	60.09 0.47 0.00	58.96 0.27 0.00	57.33 0.15 0.00	50.58 0.25 0.00	48.49 0.32 0.00	48.83 0.21 0.00	54.39 0.32 0.00	50.35 0.28 0.00	48.12 0.05 0.00	49.83 0.11 0.00	46.65 0.13 0.00
CLINTON___LFGE 323618	52.51 1.01 0.00	51.10 0.91 0.00	46.03 0.75 0.00	39.67 0.73 0.00	40.46 0.74 0.00	39.95 0.81 0.00	42.29 0.93 0.00	45.09 1.00 0.00	44.70 1.02 0.00	39.91 0.89 0.00	40.43 0.87 0.00	44.95 0.76 0.00	50.39 0.95 0.00	60.77 1.15 0.00	59.57 0.88 0.00	57.92 0.73 0.00	51.10 0.77 0.00	49.03 0.86 0.00	49.49 0.87 0.00	55.12 1.05 0.00	51.06 0.99 0.00	48.77 0.70 0.00	50.47 0.74 0.00	47.24 0.72 0.00
COBBLENY_34_KV_TB1 80064	51.36 -0.14 0.00	49.84 -0.35 0.00	44.60 -0.68 0.00	38.35 -0.58 0.00	39.12 -0.60 0.00	38.51 -0.62 0.00	40.23 -1.13 0.00	43.09 -1.00 0.00	42.73 -0.95 0.00	38.22 -0.80 0.00	38.70 -0.85 0.00	43.43 -0.76 0.00	48.82 -0.62 0.00	58.70 -0.92 0.00	57.34 -1.35 0.00	54.98 -2.20 0.00	48.63 -1.70 0.00	47.14 -1.03 0.00	47.55 -1.08 0.00	53.49 -0.58 0.00	48.84 -1.23 0.00	46.63 -1.39 0.04	48.13 -1.56 0.04	45.00 -1.52 0.00
COFFEEN___115KV_TB3 355620	53.47 1.97 0.00	51.90 1.71 0.00	46.78 1.50 0.00	40.22 1.28 0.00	40.99 1.28 0.00	40.48 1.34 0.00	42.76 1.40 0.00	45.52 1.43 0.00	44.97 1.29 0.00	40.44 1.43 0.00	40.90 1.34 0.00	45.23 1.05 0.00	50.30 0.86 0.00	60.02 0.41 0.00	58.78 0.09 0.00	57.24 0.05 0.00	50.95 0.63 0.00	49.29 1.11 0.00	50.98 2.35 0.00	57.05 2.98 0.00	52.84 2.76 0.00	50.89 2.83 0.00	52.36 2.63 0.00	48.66 2.15 0.00
COLDSPRG_115KV_BK1 355956	52.44 0.94 0.00	50.78 0.59 0.00	45.35 0.06 0.00	39.06 0.12 0.00	39.77 0.05 0.00	39.36 0.22 0.00	41.50 0.15 0.00	44.35 0.26 0.00	43.74 0.06 0.00	38.96 -0.05 0.00	39.54 -0.01 0.00	44.06 -0.13 0.00	49.52 0.08 0.00	59.83 0.21 0.00	58.65 -0.04 0.00	56.66 -0.52 0.00	49.94 -0.39 0.00	48.16 -0.02 0.00	48.79 0.16 0.00	55.19 1.12 0.00	50.37 0.29 0.00	48.05 0.02 0.04	49.61 -0.07 0.04	46.33 -0.19 0.00
COLONIE_LFGE___ 323577	52.40 0.90 0.00	51.31 1.12 0.00	46.32 1.03 0.00	39.82 0.88 0.00	40.72 1.00 0.00	40.08 0.94 0.00	42.14 0.79 0.00	44.89 0.80 0.00	44.42 0.74 0.00	39.69 0.68 0.00	40.08 0.52 0.00	44.92 0.74 0.00	50.39 0.95 0.00	60.76 1.15 0.00	59.92 1.23 0.00	58.48 1.29 0.00	51.39 1.06 0.00	49.08 0.90 0.00	49.69 1.07 0.00	55.10 1.03 0.00	51.17 1.10 0.00	49.20 1.13 0.00	51.06 1.34 0.00	47.76 1.24 0.00
COOPERNY_115KV_TB1 80082	52.38 0.88 0.00	50.93 0.74 0.00	45.84 0.55 0.00	39.39 0.45 0.00	40.15 0.43 0.00	39.54 0.41 0.00	41.82 0.47 0.00	44.59 0.50 0.00	44.23 0.55 0.00	39.64 0.62 0.00	40.32 0.76 0.00	45.16 0.97 0.00	50.58 1.14 0.00	61.04 1.42 0.00	60.20 1.51 0.00	58.87 1.69 0.00	51.73 1.41 0.00	49.31 1.13 0.00	49.75 1.13 0.00	55.19 1.12 0.00	51.09 1.02 0.00	49.07 1.00 0.00	50.79 1.06 0.00	47.49 0.97 0.00
COPENHAGEN_WT_PWR 323753	53.06 1.56 0.00	51.52 1.33 0.00	46.48 1.19 0.00	39.96 1.02 0.00	40.72 1.00 0.00	40.19 1.05 0.00	42.44 1.09 0.00	45.19 1.10 0.00	44.67 0.99 0.00	40.11 1.10 0.00	40.58 1.03 0.00	44.95 0.76 0.00	50.00 0.56 0.00	59.69 0.07 0.00	58.49 -0.20 0.00	56.94 -0.24 0.00	50.54 0.21 0.00	48.95 0.77 0.00	50.36 1.74 0.00	56.33 2.26 0.00	52.17 2.10 0.00	50.36 2.29 0.00	51.84 2.12 0.00	48.21 1.69 0.00
CORNELL_____ 23752	52.14 0.64 0.00	50.71 0.52 0.00	45.68 0.40 0.00	39.23 0.29 0.00	39.98 0.26 0.00	39.44 0.31 0.00	41.62 0.27 0.00	44.37 0.28 0.00	43.76 0.08 0.00	38.84 -0.17 0.00	39.36 -0.20 0.00	43.90 -0.28 0.00	49.20 -0.24 0.00	59.40 -0.22 0.00	58.37 -0.31 0.00	56.97 -0.21 0.00	50.11 -0.22 0.00	48.41 0.24 0.00	49.24 0.62 0.00	55.12 1.05 0.00	50.88 0.82 0.00	48.69 0.64 0.01	50.28 0.56 0.01	47.00 0.48 0.00

CORONA_V_69_KV_TB1 355595	53.90 2.40 0.00	52.47 2.28 0.00	47.26 1.98 0.00	40.57 1.63 0.00	41.30 1.58 0.00	40.70 1.56 0.00	43.06 1.71 0.00	45.78 1.69 0.00	45.60 1.92 0.00	41.05 2.03 0.00	42.07 2.52 0.00	47.58 3.08 -0.31	52.76 3.32 0.00	63.14 3.53 0.00	62.29 3.60 0.00	61.37 4.18 0.00	54.05 3.72 0.00	51.23 3.05 0.00	51.64 3.02 0.00	56.83 2.76 0.00	52.81 2.73 0.00	50.90 2.83 0.00	52.59 2.87 0.00	49.21 2.69 0.00
CORTLAND_115KV_TB3 80093	51.74 0.24 0.00	50.35 0.16 0.00	45.39 0.10 0.00	39.01 0.08 0.00	39.77 0.05 0.00	39.22 0.09 0.00	41.40 0.05 0.00	44.12 0.03 0.00	43.55 -0.12 0.00	38.82 -0.20 0.00	39.38 -0.18 0.00	43.94 -0.24 0.00	49.17 -0.27 0.00	59.37 -0.24 0.00	58.40 -0.29 0.00	56.99 -0.19 0.00	50.14 -0.19 0.00	48.27 0.09 0.00	48.93 0.31 0.00	54.63 0.56 0.00	50.45 0.38 0.00	48.33 0.27 0.01	49.92 0.21 0.01	46.68 0.15 0.00
COXSACKIE___GT 23611	53.74 2.24 0.00	52.42 2.23 0.00	47.24 1.96 0.00	40.56 1.62 0.00	41.44 1.72 0.00	40.85 1.71 0.00	43.09 1.73 0.00	45.99 1.90 0.00	45.31 1.63 0.00	40.07 1.05 0.00	40.49 0.93 0.00	45.26 1.07 0.00	51.04 1.60 0.00	61.59 1.98 0.00	61.04 2.35 0.00	59.76 2.57 0.00	53.03 2.70 0.00	50.77 2.59 0.00	51.09 2.47 0.00	57.11 3.04 0.00	52.98 2.91 0.00	50.79 2.72 0.00	52.43 2.71 0.00	48.86 2.34 0.00
CPV_VALLEY___CC1 323721	52.43 0.93 0.00	50.98 0.79 0.00	45.86 0.57 0.00	39.41 0.47 0.00	40.17 0.45 0.00	39.55 0.41 0.00	41.83 0.48 0.00	44.61 0.52 0.00	44.27 0.59 0.00	39.72 0.70 0.00	40.43 0.87 0.00	45.34 1.16 0.00	50.79 1.35 0.00	61.26 1.65 0.00	60.48 1.79 0.00	59.19 2.01 0.00	52.01 1.68 0.00	49.45 1.27 0.00	49.88 1.26 0.00	55.27 1.20 0.00	51.18 1.11 0.00	49.16 1.09 0.00	50.91 1.19 0.00	47.62 1.10 0.00
CPV_VALLEY___CC2 323722	52.43 0.93 0.00	50.98 0.79 0.00	45.86 0.57 0.00	39.41 0.47 0.00	40.17 0.45 0.00	39.55 0.41 0.00	41.83 0.48 0.00	44.61 0.52 0.00	44.27 0.59 0.00	39.72 0.70 0.00	40.43 0.87 0.00	45.34 1.16 0.00	50.79 1.35 0.00	61.26 1.65 0.00	60.48 1.79 0.00	59.19 2.01 0.00	52.01 1.68 0.00	49.45 1.27 0.00	49.88 1.26 0.00	55.27 1.20 0.00	51.18 1.11 0.00	49.16 1.09 0.00	50.91 1.19 0.00	47.62 1.10 0.00
CRESCENT___HYD 24018	52.40 0.90 0.00	51.31 1.12 0.00	46.32 1.03 0.00	39.82 0.88 0.00	40.72 1.00 0.00	40.08 0.94 0.00	42.14 0.79 0.00	44.89 0.80 0.00	44.42 0.74 0.00	39.69 0.68 0.00	40.08 0.52 0.00	44.92 0.74 0.00	50.39 0.95 0.00	60.76 1.15 0.00	59.92 1.23 0.00	58.48 1.29 0.00	51.39 1.06 0.00	49.08 0.90 0.00	49.69 1.07 0.00	55.10 1.03 0.00	51.17 1.10 0.00	49.20 1.13 0.00	51.06 1.34 0.00	47.76 1.24 0.00
CRICKET___VALLEY_CC1 323756	52.35 0.85 0.00	50.97 0.78 0.00	45.89 0.60 0.00	39.42 0.48 0.00	40.20 0.48 0.00	39.57 0.44 0.00	41.80 0.45 0.00	44.54 0.45 0.00	44.23 0.56 0.00	39.73 0.72 0.00	40.48 0.92 0.00	45.37 1.18 0.00	50.86 1.42 0.00	61.43 1.81 0.00	60.65 1.96 0.00	59.47 2.28 0.00	52.19 1.86 0.00	49.56 1.38 0.00	49.94 1.32 0.00	55.27 1.20 0.00	51.24 1.16 0.00	49.26 1.20 0.00	51.06 1.33 0.00	47.76 1.25 0.00
CRICKET___VALLEY_CC2 323757	52.35 0.85 0.00	50.97 0.78 0.00	45.89 0.60 0.00	39.42 0.48 0.00	40.20 0.48 0.00	39.57 0.44 0.00	41.80 0.45 0.00	44.54 0.45 0.00	44.23 0.56 0.00	39.73 0.72 0.00	40.48 0.92 0.00	45.37 1.18 0.00	50.86 1.42 0.00	61.43 1.81 0.00	60.65 1.96 0.00	59.47 2.28 0.00	52.19 1.86 0.00	49.56 1.38 0.00	49.94 1.32 0.00	55.27 1.20 0.00	51.24 1.16 0.00	49.26 1.20 0.00	51.06 1.33 0.00	47.76 1.25 0.00
CRICKET___VALLEY_CC3 323758	52.35 0.85 0.00	50.97 0.78 0.00	45.89 0.60 0.00	39.42 0.48 0.00	40.20 0.48 0.00	39.57 0.44 0.00	41.80 0.45 0.00	44.54 0.45 0.00	44.23 0.56 0.00	39.73 0.72 0.00	40.48 0.92 0.00	45.37 1.18 0.00	50.86 1.42 0.00	61.43 1.81 0.00	60.65 1.96 0.00	59.47 2.28 0.00	52.19 1.86 0.00	49.56 1.38 0.00	49.94 1.32 0.00	55.27 1.20 0.00	51.24 1.16 0.00	49.26 1.20 0.00	51.06 1.33 0.00	47.76 1.25 0.00
CRUCIBLE_METL_DRP 24180	51.13 -0.38 0.00	49.79 -0.40 0.00	44.97 -0.31 0.00	38.63 -0.30 0.00	39.41 -0.31 0.00	38.85 -0.29 0.00	40.97 -0.38 0.00	43.68 -0.41 0.00	43.19 -0.49 0.00	38.52 -0.49 0.00	39.11 -0.45 0.00	43.64 -0.54 0.00	48.76 -0.68 0.00	58.81 -0.80 0.00	57.87 -0.82 0.00	56.35 -0.83 0.00	49.62 -0.71 0.00	47.69 -0.49 0.00	48.32 -0.31 0.00	53.83 -0.24 0.00	49.74 -0.32 0.00	47.67 -0.40 0.00	49.23 -0.50 0.00	46.05 -0.47 0.00
DAHOWA___HYDRO 323763	53.47 1.97 0.00	52.26 2.07 0.00	47.09 1.81 0.00	40.45 1.51 0.00	41.30 1.58 0.00	40.69 1.55 0.00	42.81 1.46 0.00	45.57 1.48 0.00	44.91 1.23 0.00	40.02 1.01 0.00	40.36 0.80 0.00	45.21 1.03 0.00	50.71 1.27 0.00	61.02 1.41 0.00	60.18 1.49 0.00	58.78 1.59 0.00	51.58 1.25 0.00	49.62 1.44 0.00	50.60 1.97 0.00	56.19 2.12 0.00	52.21 2.14 0.00	50.02 1.95 0.00	51.87 2.15 0.00	48.51 1.99 0.00
DANC___LFGE 323619	52.05 0.55 0.00	50.59 0.40 0.00	45.68 0.39 0.00	39.28 0.34 0.00	40.03 0.31 0.00	39.49 0.35 0.00	41.69 0.34 0.00	44.39 0.30 0.00	43.88 0.20 0.00	39.35 0.33 0.00	39.84 0.28 0.00	44.23 0.04 0.00	49.24 -0.20 0.00	59.00 -0.62 0.00	57.92 -0.77 0.00	56.38 -0.81 0.00	49.89 -0.44 0.00	48.16 -0.01 0.00	49.26 0.63 0.00	55.04 0.97 0.00	50.93 0.87 0.00	49.12 1.04 -0.01	50.61 0.87 -0.01	47.15 0.63 0.00
DANSKAMMER___1 23586	53.48 1.98 0.00	51.99 1.80 0.00	46.74 1.46 0.00	40.14 1.20 0.00	40.92 1.20 0.00	40.28 1.15 0.00	42.61 1.25 0.00	45.42 1.33 0.00	45.09 1.41 0.00	40.48 1.46 0.00	41.24 1.68 0.00	46.27 2.08 0.00	51.85 2.42 0.00	62.58 2.97 0.00	61.81 3.12 0.00	60.57 3.38 0.00	53.24 2.91 0.00	50.62 2.45 0.00	51.04 2.42 0.00	56.48 2.41 0.00	52.29 2.22 0.00	50.23 2.16 0.00	52.00 2.27 0.00	48.59 2.07 0.00
DANSKAMMER___2 23589	53.48 1.98 0.00	51.99 1.80 0.00	46.74 1.46 0.00	40.14 1.20 0.00	40.92 1.20 0.00	40.28 1.15 0.00	42.61 1.25 0.00	45.42 1.33 0.00	45.09 1.41 0.00	40.48 1.46 0.00	41.24 1.68 0.00	46.27 2.08 0.00	51.85 2.42 0.00	62.58 2.97 0.00	61.81 3.12 0.00	60.57 3.38 0.00	53.24 2.91 0.00	50.62 2.45 0.00	51.04 2.42 0.00	56.48 2.41 0.00	52.29 2.22 0.00	50.23 2.16 0.00	52.00 2.27 0.00	48.59 2.07 0.00
DANSKAMMER___3 23590	53.48 1.98 0.00	51.99 1.80 0.00	46.74 1.46 0.00	40.14 1.20 0.00	40.92 1.20 0.00	40.28 1.15 0.00	42.61 1.25 0.00	45.42 1.33 0.00	45.09 1.41 0.00	40.48 1.46 0.00	41.24 1.68 0.00	46.27 2.08 0.00	51.85 2.42 0.00	62.58 2.97 0.00	61.81 3.12 0.00	60.57 3.38 0.00	53.24 2.91 0.00	50.62 2.45 0.00	51.04 2.42 0.00	56.48 2.41 0.00	52.29 2.22 0.00	50.23 2.16 0.00	52.00 2.27 0.00	48.59 2.07 0.00

DANSKAMMER___4 23591	53.48 1.98 0.00	51.99 1.80 0.00	46.74 1.46 0.00	40.14 1.20 0.00	40.92 1.20 0.00	40.28 1.15 0.00	42.61 1.25 0.00	45.42 1.33 0.00	45.09 1.41 0.00	40.48 1.46 0.00	41.24 1.68 0.00	46.27 2.08 0.00	51.85 2.42 0.00	62.58 2.97 0.00	61.81 3.12 0.00	60.57 3.38 0.00	53.24 2.91 0.00	50.62 2.45 0.00	51.04 2.42 0.00	56.48 2.41 0.00	52.29 2.22 0.00	50.23 2.16 0.00	52.00 2.27 0.00	48.59 2.07 0.00
DANSKAMMER___DIESEL 23592	53.49 1.99 0.00	51.99 1.80 0.00	46.75 1.46 0.00	40.14 1.20 0.00	40.92 1.20 0.00	40.28 1.15 0.00	42.60 1.25 0.00	45.42 1.33 0.00	45.09 1.41 0.00	40.48 1.46 0.00	41.24 1.69 0.00	46.27 2.08 0.00	51.85 2.42 0.00	62.58 2.97 0.00	61.81 3.12 0.00	60.56 3.37 0.00	53.25 2.92 0.00	50.63 2.45 0.00	51.04 2.42 0.00	56.48 2.41 0.00	52.29 2.22 0.00	50.23 2.16 0.00	52.00 2.28 0.00	48.59 2.07 0.00
DARBY___SOLAR 323810	53.20 1.70 0.00	52.01 1.82 0.00	46.89 1.60 0.00	40.27 1.33 0.00	41.13 1.41 0.00	40.52 1.38 0.00	42.63 1.28 0.00	45.39 1.30 0.00	44.75 1.07 0.00	39.89 0.88 0.00	40.22 0.66 0.00	45.06 0.87 0.00	50.54 1.09 0.00	60.84 1.22 0.00	60.03 1.34 0.00	58.61 1.43 0.00	51.46 1.13 0.00	49.44 1.26 0.00	50.32 1.69 0.00	55.89 1.82 0.00	51.92 1.85 0.00	49.77 1.70 0.00	51.64 1.91 0.00	48.30 1.78 0.00
DASHVILLE___HYD 23610	52.88 1.37 0.00	51.43 1.24 0.00	46.26 0.97 0.00	39.72 0.78 0.00	40.49 0.77 0.00	39.86 0.72 0.00	42.16 0.81 0.00	44.96 0.87 0.00	44.66 0.98 0.00	40.10 1.08 0.00	40.82 1.27 0.00	45.82 1.63 0.00	51.32 1.88 0.00	61.96 2.35 0.00	61.14 2.45 0.00	59.91 2.72 0.00	52.65 2.33 0.00	50.02 1.85 0.00	50.40 1.78 0.00	55.79 1.72 0.00	51.68 1.60 0.00	49.62 1.55 0.00	51.38 1.66 0.00	48.04 1.52 0.00
DELAWARE___LFGE 323621	52.35 0.85 0.00	51.00 0.80 0.00	45.92 0.63 0.00	39.45 0.52 0.00	40.25 0.53 0.00	39.64 0.50 0.00	41.87 0.51 0.00	44.64 0.54 0.00	44.27 0.59 0.00	39.62 0.60 0.00	40.21 0.65 0.00	44.99 0.81 0.00	50.36 0.92 0.00	60.80 1.19 0.00	59.88 1.19 0.00	58.50 1.32 0.00	51.36 1.03 0.00	49.21 1.04 0.00	49.69 1.07 0.00	55.20 1.14 0.00	51.11 1.04 0.00	49.01 0.95 0.01	50.73 1.01 0.01	47.42 0.90 0.00
DERFIELD_115KV_TB7 355931	51.54 0.04 0.00	50.24 0.05 0.00	45.33 0.05 0.00	38.98 0.04 0.00	39.76 0.04 0.00	39.18 0.04 0.00	41.35 0.00 0.00	44.09 0.00 0.00	43.64 -0.03 0.00	38.99 -0.03 0.00	39.52 -0.04 0.00	44.17 -0.02 0.00	49.44 0.00 0.00	59.62 0.00 0.00	58.77 0.08 0.00	57.30 0.11 0.00	50.41 0.07 0.00	48.22 0.05 0.00	48.72 0.09 0.00	54.12 0.05 0.00	50.15 0.08 0.00	48.16 0.09 0.00	49.83 0.11 0.00	46.61 0.09 0.00
DOGLEVILLE___HYD 23807	52.17 0.67 0.00	50.96 0.77 0.00	45.94 0.65 0.00	39.45 0.51 0.00	40.29 0.57 0.00	39.70 0.56 0.00	41.81 0.45 0.00	44.35 0.25 0.00	43.30 -0.37 0.00	38.27 -0.75 0.00	38.60 -0.96 0.00	43.34 -0.84 0.00	49.00 -0.44 0.00	59.15 -0.47 0.00	58.97 0.28 0.00	57.19 0.01 0.00	50.81 0.48 0.00	48.60 0.42 0.00	49.42 0.80 0.00	55.05 0.98 0.00	51.00 0.93 0.00	49.14 1.07 0.00	50.94 1.22 0.00	47.64 1.12 0.00
DUNKIRK___115KV_TB_200 55889	51.54 0.04 0.00	49.92 -0.27 0.00	44.59 -0.70 0.00	38.36 -0.58 0.00	39.09 -0.63 0.00	38.60 -0.54 0.00	40.52 -0.83 0.00	43.36 -0.73 0.00	42.79 -0.88 0.00	38.17 -0.85 0.00	38.64 -0.92 0.00	43.24 -0.94 0.00	48.73 -0.71 0.00	58.63 -0.98 0.00	57.35 -1.34 0.00	55.27 -1.91 0.00	48.79 -1.54 0.00	47.19 -0.98 0.00	47.65 -0.98 0.00	53.85 -0.23 0.00	49.14 -0.93 0.00	46.94 -1.08 0.04	48.44 -1.25 0.04	45.30 -1.22 0.00
DUNKIRK___1 23563	51.54 0.04 0.00	49.92 -0.27 0.00	44.59 -0.70 0.00	38.36 -0.58 0.00	39.09 -0.63 0.00	38.60 -0.54 0.00	40.52 -0.83 0.00	43.36 -0.73 0.00	42.79 -0.88 0.00	38.17 -0.85 0.00	38.64 -0.92 0.00	43.24 -0.94 0.00	48.73 -0.71 0.00	58.63 -0.98 0.00	57.35 -1.34 0.00	55.27 -1.91 0.00	48.79 -1.54 0.00	47.19 -0.98 0.00	47.65 -0.98 0.00	53.85 -0.23 0.00	49.14 -0.93 0.00	46.94 -1.08 0.04	48.44 -1.25 0.04	45.30 -1.22 0.00
DUNKIRK___2 23564	51.54 0.04 0.00	49.92 -0.27 0.00	44.59 -0.70 0.00	38.36 -0.58 0.00	39.09 -0.63 0.00	38.60 -0.54 0.00	40.52 -0.83 0.00	43.36 -0.73 0.00	42.79 -0.88 0.00	38.17 -0.85 0.00	38.64 -0.92 0.00	43.24 -0.94 0.00	48.73 -0.71 0.00	58.63 -0.98 0.00	57.35 -1.34 0.00	55.27 -1.91 0.00	48.79 -1.54 0.00	47.19 -0.98 0.00	47.65 -0.98 0.00	53.85 -0.23 0.00	49.14 -0.93 0.00	46.94 -1.08 0.04	48.44 -1.25 0.04	45.30 -1.22 0.00
DUNKIRK___3 23565	51.28 -0.22 0.00	49.70 -0.49 0.00	44.42 -0.86 0.00	38.22 -0.72 0.00	38.96 -0.76 0.00	38.44 -0.70 0.00	40.32 -1.03 0.00	43.15 -0.94 0.00	42.66 -1.02 0.00	38.07 -0.94 0.00	38.56 -0.99 0.00	43.17 -1.02 0.00	48.57 -0.87 0.00	58.42 -1.19 0.00	57.15 -1.54 0.00	55.04 -2.14 0.00	48.60 -1.73 0.00	47.02 -1.16 0.00	47.45 -1.18 0.00	53.53 -0.54 0.00	48.87 -1.20 0.00	46.68 -1.34 0.04	48.18 -1.51 0.04	45.08 -1.44 0.00
DUNKIRK___4 23566	51.28 -0.22 0.00	49.70 -0.49 0.00	44.42 -0.86 0.00	38.22 -0.72 0.00	38.96 -0.76 0.00	38.44 -0.70 0.00	40.32 -1.03 0.00	43.15 -0.94 0.00	42.66 -1.02 0.00	38.07 -0.94 0.00	38.56 -0.99 0.00	43.17 -1.02 0.00	48.57 -0.87 0.00	58.42 -1.19 0.00	57.15 -1.54 0.00	55.04 -2.14 0.00	48.60 -1.73 0.00	47.02 -1.16 0.00	47.45 -1.18 0.00	53.53 -0.54 0.00	48.87 -1.20 0.00	46.68 -1.34 0.04	48.18 -1.51 0.04	45.08 -1.44 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	53.54 2.04 0.00	52.03 1.84 0.00	46.77 1.48 0.00	40.17 1.23 0.00	40.92 1.20 0.00	40.29 1.15 0.00	42.64 1.29 0.00	45.47 1.37 0.00	45.19 1.51 0.00	40.64 1.62 0.00	41.46 1.90 0.00	46.53 2.34 0.00	52.05 2.61 0.00	62.70 3.09 0.00	61.90 3.21 0.00	60.67 3.48 0.00	53.26 2.93 0.00	50.46 2.28 0.00	50.82 2.19 0.00	56.15 2.08 0.00	52.02 1.95 0.00	50.08 2.02 0.00	51.93 2.21 0.00	48.58 2.06 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	53.14 1.64 0.00	51.64 1.46 0.00	46.43 1.14 0.00	39.87 0.93 0.00	40.65 0.92 0.00	40.02 0.88 0.00	42.33 0.98 0.00	45.15 1.06 0.00	44.80 1.12 0.00	40.20 1.18 0.00	40.93 1.38 0.00	45.93 1.74 0.00	51.47 2.03 0.00	62.10 2.48 0.00	61.33 2.64 0.00	60.09 2.90 0.00	52.82 2.49 0.00	50.22 2.04 0.00	50.66 2.04 0.00	56.10 2.03 0.00	51.94 1.87 0.00	49.88 1.82 0.00	51.65 1.92 0.00	48.26 1.75 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	53.51 2.01 0.00	52.01 1.82 0.00	46.82 1.53 0.00	40.20 1.26 0.00	40.97 1.25 0.00	40.35 1.21 0.00	42.68 1.33 0.00	45.53 1.44 0.00	45.24 1.56 0.00	40.69 1.67 0.00	41.48 1.92 0.00	46.53 2.35 0.00	52.01 2.57 0.00	62.71 3.10 0.00	61.96 3.27 0.00	60.72 3.53 0.00	53.25 2.93 0.00	50.40 2.22 0.00	50.68 2.05 0.00	56.10 2.02 0.00	52.04 1.97 0.00	50.11 2.04 0.00	51.92 2.19 0.00	48.55 2.03 0.00

E179THST_13_KV_LOAD 356214	53.82 2.32 0.00	52.29 2.10 0.00	47.06 1.77 0.00	40.41 1.47 0.00	41.18 1.46 0.00	40.54 1.41 0.00	42.89 1.54 0.00	45.75 1.66 0.00	45.47 1.80 0.00	40.89 1.88 0.00	41.71 2.15 0.00	46.79 2.61 0.00	52.29 2.85 0.00	63.05 3.44 0.00	62.30 3.61 0.00	61.04 3.85 0.00	53.55 3.22 0.00	50.68 2.50 0.00	50.96 2.34 0.00	56.40 2.33 0.00	52.33 2.26 0.00	50.38 2.31 0.00	52.18 2.46 0.00	48.82 2.30 0.00
EAST HAMPTON___GT 23717	54.50 2.99 0.00	53.78 3.59 0.00	48.26 2.97 0.00	41.05 2.11 0.00	41.96 2.24 0.00	41.70 2.56 0.00	44.41 3.05 0.00	46.76 2.67 0.00	46.97 3.29 0.00	42.52 3.50 0.00	43.83 4.28 0.00	49.91 5.41 -0.31	55.42 5.98 0.00	65.81 6.19 0.00	64.19 5.50 0.00	63.66 6.48 0.00	56.30 5.97 0.00	53.15 4.97 0.00	53.25 4.62 0.00	57.19 3.12 0.00	54.56 4.49 0.00	53.04 4.97 0.00	54.74 5.01 0.00	51.11 4.59 0.00
EAST RIVER___6 23660	53.81 2.31 0.00	52.20 2.01 0.00	46.91 1.62 0.00	40.26 1.32 0.00	41.02 1.30 0.00	40.38 1.24 0.00	42.74 1.39 0.00	45.61 1.52 0.00	45.35 1.67 0.00	40.81 1.80 0.00	41.67 2.11 0.00	46.78 2.59 0.00	52.31 2.87 0.00	62.99 3.38 0.00	62.23 3.54 0.00	60.97 3.78 0.00	53.45 3.12 0.00	50.56 2.38 0.00	50.87 2.25 0.00	56.17 2.10 0.00	52.05 1.98 0.00	50.15 2.09 0.00	52.05 2.32 0.00	48.69 2.17 0.00
EAST RIVER___7 23524	53.81 2.31 0.00	52.20 2.01 0.00	46.91 1.62 0.00	40.26 1.32 0.00	41.02 1.30 0.00	40.38 1.24 0.00	42.74 1.39 0.00	45.61 1.52 0.00	45.35 1.67 0.00	40.81 1.80 0.00	41.67 2.11 0.00	46.78 2.59 0.00	52.31 2.87 0.00	62.99 3.38 0.00	62.23 3.54 0.00	60.97 3.78 0.00	53.45 3.12 0.00	50.56 2.38 0.00	50.87 2.25 0.00	56.17 2.10 0.00	52.05 1.98 0.00	50.15 2.09 0.00	52.05 2.32 0.00	48.69 2.17 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	53.37 1.87 0.00	51.87 1.68 0.00	46.63 1.35 0.00	40.05 1.12 0.00	40.82 1.10 0.00	40.18 1.04 0.00	42.52 1.17 0.00	45.35 1.26 0.00	45.05 1.37 0.00	40.50 1.49 0.00	41.30 1.74 0.00	46.36 2.18 0.00	51.89 2.45 0.00	62.53 2.91 0.00	61.73 3.04 0.00	60.49 3.30 0.00	53.11 2.78 0.00	50.35 2.17 0.00	50.72 2.10 0.00	56.06 1.99 0.00	51.94 1.87 0.00	49.98 1.91 0.00	51.81 2.08 0.00	48.46 1.94 0.00
EAST_HAMPTON___DIESEL 23722	54.46 2.96 0.00	53.78 3.59 0.00	48.24 2.95 0.00	41.04 2.10 0.00	41.95 2.23 0.00	41.70 2.56 0.00	44.40 3.05 0.00	46.74 2.65 0.00	46.97 3.29 0.00	42.52 3.50 0.00	43.83 4.28 0.00	49.92 5.42 -0.31	55.44 6.00 0.00	65.83 6.21 0.00	64.17 5.48 0.00	63.67 6.48 0.00	56.30 5.98 0.00	53.14 4.96 0.00	53.22 4.60 0.00	57.14 3.06 0.00	54.54 4.47 0.00	53.03 4.97 0.00	54.74 5.01 0.00	51.11 4.59 0.00
EAST_POINT___SOLAR 323840	54.33 2.83 0.00	52.79 2.60 0.00	47.58 2.29 0.00	40.86 1.92 0.00	41.56 1.84 0.00	40.95 1.81 0.00	43.33 1.98 0.00	45.79 1.70 0.00	44.51 0.83 0.00	39.00 -0.01 0.00	39.00 -0.56 0.00	43.69 -0.49 0.00	49.00 -0.44 0.00	60.06 0.44 0.00	59.72 1.03 0.00	56.81 -0.37 0.00	51.16 0.82 0.00	49.82 1.64 0.00	51.03 2.41 0.00	57.45 3.38 0.00	53.24 3.17 0.00	50.95 2.88 0.00	52.45 2.72 0.00	48.89 2.37 0.00
EAST_PULASKI___ESR 323781	51.17 -0.33 0.00	49.77 -0.42 0.00	44.99 -0.30 0.00	38.70 -0.24 0.00	39.42 -0.30 0.00	38.87 -0.27 0.00	41.01 -0.34 0.00	43.70 -0.39 0.00	43.19 -0.49 0.00	38.65 -0.37 0.00	39.16 -0.40 0.00	43.57 -0.61 0.00	48.55 -0.89 0.00	58.38 -1.23 0.00	57.44 -1.25 0.00	55.91 -1.28 0.00	49.32 -1.01 0.00	47.50 -0.67 0.00	48.29 -0.33 0.00	53.88 -0.19 0.00	49.84 -0.23 0.00	47.98 -0.11 -0.03	49.48 -0.27 -0.03	46.18 -0.34 0.00
EAST_RIVER___1 323558	53.73 2.23 0.00	52.19 2.00 0.00	46.91 1.62 0.00	40.27 1.33 0.00	41.03 1.31 0.00	40.39 1.25 0.00	42.75 1.40 0.00	45.60 1.51 0.00	45.33 1.65 0.00	40.80 1.78 0.00	41.63 2.07 0.00	46.72 2.54 0.00	52.23 2.79 0.00	62.93 3.31 0.00	62.14 3.45 0.00	60.89 3.70 0.00	53.39 3.06 0.00	50.51 2.33 0.00	50.81 2.19 0.00	56.11 2.05 0.00	52.00 1.93 0.00	50.13 2.06 0.00	52.02 2.29 0.00	48.68 2.16 0.00
EAST_RIVER___2 323559	53.81 2.31 0.00	52.20 2.01 0.00	46.91 1.62 0.00	40.26 1.32 0.00	41.02 1.30 0.00	40.38 1.24 0.00	42.74 1.39 0.00	45.61 1.52 0.00	45.35 1.67 0.00	40.81 1.80 0.00	41.67 2.11 0.00	46.78 2.59 0.00	52.31 2.87 0.00	62.99 3.38 0.00	62.23 3.54 0.00	60.97 3.78 0.00	53.45 3.12 0.00	50.56 2.38 0.00	50.87 2.25 0.00	56.17 2.10 0.00	52.05 1.98 0.00	50.15 2.09 0.00	52.05 2.32 0.00	48.69 2.17 0.00
EAST___DELAWARE_HYD 23607	52.33 0.83 0.00	50.85 0.66 0.00	45.70 0.41 0.00	39.24 0.30 0.00	39.97 0.25 0.00	39.39 0.25 0.00	41.67 0.32 0.00	44.44 0.35 0.00	44.12 0.45 0.00	39.52 0.50 0.00	40.19 0.63 0.00	45.10 0.91 0.00	50.54 1.10 0.00	60.99 1.37 0.00	60.28 1.59 0.00	59.16 1.97 0.00	52.05 1.72 0.00	49.59 1.41 0.00	50.04 1.42 0.00	55.42 1.35 0.00	51.32 1.25 0.00	49.26 1.19 0.00	50.95 1.22 0.00	47.59 1.07 0.00
EIGHT_POINT___WT_PWR 323820	51.89 0.40 0.00	50.47 0.28 0.00	45.22 -0.06 0.00	38.79 -0.14 0.00	39.49 -0.23 0.00	39.22 0.08 0.00	41.25 -0.10 0.00	43.91 -0.18 0.00	42.97 -0.71 0.00	37.95 -1.07 0.00	38.44 -1.12 0.00	42.89 -1.30 0.00	48.21 -1.23 0.00	58.54 -1.08 0.00	57.28 -1.42 0.00	55.35 -1.84 0.00	48.68 -1.65 0.00	47.15 -1.03 0.00	48.00 -0.62 0.00	54.53 0.46 0.00	49.90 -0.16 0.00	47.93 -0.11 0.03	49.46 -0.24 0.03	46.18 -0.34 0.00
ELBRIDGE_115KV_TB2 80188	50.89 -0.61 0.00	49.59 -0.60 0.00	44.78 -0.51 0.00	38.45 -0.49 0.00	39.22 -0.50 0.00	38.68 -0.46 0.00	40.78 -0.57 0.00	43.50 -0.59 0.00	42.99 -0.68 0.00	38.31 -0.70 0.00	38.92 -0.64 0.00	43.42 -0.76 0.00	48.54 -0.90 0.00	58.51 -1.10 0.00	57.60 -1.09 0.00	56.00 -1.19 0.00	49.33 -1.00 0.00	47.42 -0.76 0.00	48.05 -0.57 0.00	53.53 -0.54 0.00	49.48 -0.59 0.00	47.41 -0.65 0.00	48.98 -0.75 0.00	45.84 -0.68 0.00
ELEC_TRO_TEK 24086	53.54 2.04 0.00	52.17 1.98 0.00	47.03 1.74 0.00	40.36 1.42 0.00	41.08 1.36 0.00	40.49 1.35 0.00	42.84 1.49 0.00	45.55 1.46 0.00	45.38 1.70 0.00	40.85 1.83 0.00	41.84 2.29 0.00	47.30 2.80 -0.31	52.44 3.00 0.00	62.73 3.11 0.00	61.87 3.18 0.00	60.95 3.76 0.00	53.68 3.34 0.00	50.86 2.69 0.00	51.29 2.67 0.00	56.41 2.35 0.00	52.45 2.38 0.00	50.61 2.54 0.00	52.31 2.59 0.00	48.98 2.46 0.00
ELLENBURG_WT_PWR 323604	51.85 0.35 0.00	50.48 0.29 0.00	45.50 0.22 0.00	39.19 0.25 0.00	39.97 0.25 0.00	39.42 0.28 0.00	41.80 0.44 0.00	44.58 0.48 0.00	44.23 0.55 0.00	39.44 0.42 0.00	39.95 0.39 0.00	44.47 0.28 0.00	49.84 0.39 0.00	60.09 0.47 0.00	58.96 0.27 0.00	57.33 0.15 0.00	50.58 0.25 0.00	48.49 0.32 0.00	48.83 0.21 0.00	54.39 0.32 0.00	50.35 0.28 0.00	48.12 0.05 0.00	49.83 0.11 0.00	46.65 0.13 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	50.96 -0.54 0.00	49.50 -0.69 0.00	44.30 -0.98 0.00	38.09 -0.84 0.00	38.88 -0.84 0.00	38.27 -0.87 0.00	39.95 -1.40 0.00	42.81 -1.28 0.00	42.47 -1.21 0.00	37.96 -1.05 0.00	38.43 -1.13 0.00	43.10 -1.08 0.00	48.41 -1.03 0.00	58.14 -1.48 0.00	56.80 -1.89 0.00	54.38 -2.80 0.00	48.12 -2.21 0.00	46.62 -1.56 0.00	46.94 -1.68 0.00	52.80 -1.27 0.00	48.24 -1.83 0.00	46.11 -1.92 0.05	47.60 -2.08 0.04	44.56 -1.96 0.00
EMPIRE_CC_1 323656	51.66 0.16 0.00	50.65 0.46 0.00	45.76 0.47 0.00	39.36 0.42 0.00	40.27 0.55 0.00	39.63 0.49 0.00	41.66 0.31 0.00	44.37 0.28 0.00	43.96 0.28 0.00	39.30 0.29 0.00	39.70 0.15 0.00	44.50 0.31 0.00	49.91 0.47 0.00	60.19 0.57 0.00	59.33 0.64 0.00	57.89 0.70 0.00	50.89 0.56 0.00	48.47 0.30 0.00	48.98 0.36 0.00	54.28 0.21 0.00	50.43 0.36 0.00	48.54 0.47 0.00	50.40 0.67 0.00	47.17 0.65 0.00
EMPIRE_CC_2 323658	51.66 0.16 0.00	50.65 0.46 0.00	45.76 0.47 0.00	39.36 0.42 0.00	40.27 0.55 0.00	39.63 0.49 0.00	41.66 0.31 0.00	44.37 0.28 0.00	43.96 0.28 0.00	39.30 0.29 0.00	39.70 0.15 0.00	44.50 0.31 0.00	49.91 0.47 0.00	60.19 0.57 0.00	59.33 0.64 0.00	57.89 0.70 0.00	50.89 0.56 0.00	48.47 0.30 0.00	48.98 0.36 0.00	54.28 0.21 0.00	50.43 0.36 0.00	48.54 0.47 0.00	50.40 0.67 0.00	47.17 0.65 0.00
ENORWICH_115KV_TB1 80156	54.34 2.84 0.00	52.94 2.75 0.00	47.61 2.33 0.00	40.84 1.90 0.00	41.55 1.83 0.00	41.00 1.86 0.00	43.21 1.86 0.00	45.97 1.88 0.00	45.41 1.73 0.00	40.02 1.01 0.00	40.32 0.76 0.00	44.93 0.75 0.00	50.35 0.91 0.00	61.35 1.73 0.00	60.16 1.47 0.00	59.24 2.05 0.00	51.41 1.09 0.00	50.59 2.41 0.00	51.40 2.78 0.00	57.72 3.65 0.00	53.26 3.19 0.00	50.66 2.60 0.01	52.53 2.81 0.01	49.12 2.60 0.00
ERIE_ST__34_KV_TB1-2 80199	51.54 0.04 0.00	50.05 -0.14 0.00	44.82 -0.46 0.00	38.52 -0.42 0.00	39.29 -0.43 0.00	38.65 -0.49 0.00	40.25 -1.10 0.00	43.13 -0.96 0.00	42.82 -0.86 0.00	38.32 -0.69 0.00	38.80 -0.76 0.00	43.66 -0.53 0.00	49.09 -0.35 0.00	58.97 -0.65 0.00	57.59 -1.10 0.00	55.10 -2.09 0.00	48.77 -1.56 0.00	47.40 -0.78 0.00	47.76 -0.86 0.00	53.70 -0.37 0.00	48.93 -1.14 0.00	46.70 -1.32 0.05	48.16 -1.53 0.04	45.05 -1.47 0.00
ERIE_WT_PWR 323693	50.55 -0.27 0.68	44.89 -0.42 4.88	39.23 -0.73 5.32	34.17 -0.61 4.15	36.15 -0.64 2.94	35.51 -0.68 2.95	39.80 -1.24 0.32	42.98 -1.11 0.00	42.60 -1.08 0.00	37.60 -0.91 0.51	38.57 -0.99 0.00	40.36 -0.76 2.94	44.84 -0.89 3.85	53.96 -1.11 4.55	54.76 -1.60 2.33	54.68 -2.51 0.00	47.61 -1.93 0.80	42.92 -1.23 4.02	42.01 -1.33 5.29	49.40 -0.88 3.79	47.82 -1.50 0.75	46.43 -1.60 0.05	47.94 -1.75 0.04	44.82 -1.70 0.00
ESPRGFLD_115KV_TB1 80157	53.06 1.56 0.00	51.64 1.45 0.00	46.48 1.20 0.00	39.92 0.98 0.00	40.72 1.00 0.00	40.11 0.97 0.00	42.36 1.01 0.00	45.17 1.08 0.00	44.81 1.13 0.00	40.09 1.07 0.00	40.64 1.09 0.00	45.46 1.28 0.00	50.83 1.39 0.00	61.50 1.88 0.00	60.50 1.81 0.00	59.19 2.00 0.00	51.96 1.63 0.00	49.95 1.77 0.00	50.52 1.89 0.00	56.09 2.02 0.00	51.95 1.88 0.00	49.73 1.67 0.01	51.44 1.72 0.01	48.03 1.51 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	52.04 0.54 0.00	50.63 0.44 0.00	45.61 0.32 0.00	39.18 0.24 0.00	39.94 0.22 0.00	39.39 0.25 0.00	41.57 0.22 0.00	44.31 0.22 0.00	43.70 0.02 0.00	38.82 -0.20 0.00	39.35 -0.21 0.00	43.90 -0.28 0.00	49.16 -0.28 0.00	59.36 -0.25 0.00	58.36 -0.33 0.00	56.96 -0.22 0.00	50.07 -0.25 0.00	48.35 0.17 0.00	49.15 0.52 0.00	54.98 0.91 0.00	50.77 0.70 0.00	48.59 0.53 0.01	50.18 0.46 0.01	46.91 0.39 0.00
ETNA____115KV_TB2 80207	52.04 0.54 0.00	50.63 0.44 0.00	45.61 0.32 0.00	39.18 0.24 0.00	39.94 0.22 0.00	39.39 0.25 0.00	41.57 0.22 0.00	44.31 0.22 0.00	43.70 0.02 0.00	38.82 -0.20 0.00	39.35 -0.21 0.00	43.90 -0.28 0.00	49.16 -0.28 0.00	59.36 -0.25 0.00	58.36 -0.33 0.00	56.96 -0.22 0.00	50.07 -0.25 0.00	48.35 0.17 0.00	49.15 0.52 0.00	54.98 0.91 0.00	50.77 0.70 0.00	48.59 0.53 0.01	50.18 0.46 0.01	46.91 0.39 0.00
EUCLID__115KV_TB2 356179	50.59 -0.91 0.00	49.29 -0.90 0.00	44.54 -0.74 0.00	38.29 -0.65 0.00	39.05 -0.67 0.00	38.47 -0.67 0.00	40.57 -0.78 0.00	43.26 -0.83 0.00	42.79 -0.88 0.00	38.25 -0.77 0.00	38.80 -0.76 0.00	43.32 -0.86 0.00	48.36 -1.08 0.00	58.30 -1.31 0.00	57.38 -1.31 0.00	55.86 -1.33 0.00	49.18 -1.15 0.00	47.22 -0.95 0.00	47.78 -0.84 0.00	53.23 -0.85 0.00	49.17 -0.90 0.00	47.12 -0.93 0.03	48.67 -1.04 0.03	45.57 -0.95 0.00
EXCELSIOR__SOLAR 323857	50.13 -0.94 0.42	46.13 -1.02 3.04	40.83 -1.14 3.32	35.37 -0.98 2.59	36.89 -1.00 1.83	36.26 -1.03 1.84	39.69 -1.47 0.20	42.69 -1.40 0.00	42.35 -1.33 0.00	37.56 -1.14 0.32	38.38 -1.18 0.00	41.14 -1.21 1.83	45.76 -1.28 2.40	55.02 -1.76 2.84	55.23 -2.00 1.45	54.52 -2.67 0.00	47.67 -2.16 0.50	44.04 -1.63 2.51	43.66 -1.66 3.30	50.21 -1.50 2.37	47.82 -1.79 0.47	46.17 -1.84 0.06	47.64 -2.04 0.05	44.60 -1.92 0.00
E_CANADA_CAP_HY 24051	54.04 2.54 0.00	52.47 2.28 0.00	47.32 2.03 0.00	40.65 1.71 0.00	41.28 1.56 0.00	40.64 1.50 0.00	43.07 1.72 0.00	45.85 1.76 0.00	45.00 1.32 0.00	39.90 0.89 0.00	40.34 0.78 0.00	45.08 0.90 0.00	50.49 1.05 0.00	61.13 1.51 0.00	60.25 1.56 0.00	58.14 0.95 0.00	51.68 1.35 0.00	50.11 1.93 0.00	50.86 2.24 0.00	56.94 2.86 0.00	52.72 2.64 0.00	50.40 2.33 0.00	51.90 2.18 0.00	48.42 1.90 0.00
E_CANADA_MHWK_HY 24050	52.17 0.67 0.00	50.96 0.77 0.00	45.94 0.65 0.00	39.45 0.51 0.00	40.29 0.57 0.00	39.70 0.56 0.00	41.81 0.46 0.00	44.34 0.25 0.00	43.30 -0.37 0.00	38.27 -0.75 0.00	38.60 -0.96 0.00	43.34 -0.84 0.00	49.00 -0.44 0.00	59.15 -0.47 0.00	58.97 0.28 0.00	57.20 0.01 0.00	50.81 0.48 0.00	48.60 0.42 0.00	49.42 0.80 0.00	55.05 0.98 0.00	51.00 0.93 0.00	49.14 1.07 0.00	50.94 1.22 0.00	47.64 1.12 0.00
E_FISHKILL__LBMP 23776	52.84 1.34 0.00	51.41 1.22 0.00	46.27 0.98 0.00	39.74 0.80 0.00	40.51 0.79 0.00	39.89 0.75 0.00	42.17 0.82 0.00	44.95 0.85 0.00	44.64 0.96 0.00	40.10 1.08 0.00	40.83 1.28 0.00	45.81 1.62 0.00	51.31 1.87 0.00	61.87 2.26 0.00	61.09 2.41 0.00	59.84 2.65 0.00	52.53 2.20 0.00	49.87 1.69 0.00	50.25 1.63 0.00	55.60 1.53 0.00	51.53 1.45 0.00	49.55 1.48 0.00	51.36 1.63 0.00	48.04 1.52 0.00
FALCON__SEABRD_CC1 323796	52.43 0.93 0.00	51.03 0.84 0.00	45.98 0.69 0.00	39.61 0.68 0.00	40.41 0.69 0.00	39.87 0.73 0.00	42.21 0.86 0.00	45.00 0.91 0.00	44.62 0.95 0.00	39.85 0.83 0.00	40.35 0.79 0.00	44.91 0.72 0.00	50.38 0.94 0.00	60.74 1.13 0.00	59.58 0.89 0.00	57.95 0.77 0.00	51.06 0.73 0.00	48.99 0.81 0.00	49.41 0.79 0.00	55.01 0.94 0.00	50.94 0.88 0.00	48.67 0.60 0.00	50.39 0.66 0.00	47.20 0.67 0.00

FALCON___SEABRD_CC2 323797	52.43 0.93 0.00	51.03 0.84 0.00	45.98 0.69 0.00	39.61 0.68 0.00	40.41 0.69 0.00	39.87 0.73 0.00	42.21 0.86 0.00	45.00 0.91 0.00	44.62 0.95 0.00	39.85 0.83 0.00	40.35 0.79 0.00	44.91 0.72 0.00	50.38 0.94 0.00	60.74 1.13 0.00	59.58 0.89 0.00	57.95 0.77 0.00	51.06 0.73 0.00	48.99 0.81 0.00	49.41 0.79 0.00	55.01 0.94 0.00	50.94 0.88 0.00	48.67 0.60 0.00	50.39 0.66 0.00	47.20 0.67 0.00
FAR ROCKAWAY___4 23548	54.49 2.98 0.00	53.02 2.83 0.00	47.76 2.47 0.00	40.98 2.04 0.00	41.71 1.99 0.00	41.11 1.97 0.00	43.49 2.13 0.00	46.24 2.15 0.00	46.08 2.40 0.00	41.50 2.48 0.00	42.56 3.00 0.00	48.15 3.65 -0.31	53.40 3.96 0.00	63.84 4.22 0.00	62.98 4.29 0.00	62.12 4.94 0.00	54.73 4.40 0.00	51.88 3.70 0.00	52.28 3.66 0.00	57.49 3.42 0.00	53.41 3.34 0.00	51.46 3.39 0.00	53.16 3.43 0.00	49.72 3.20 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	53.76 2.26 0.00	52.22 2.03 0.00	46.94 1.66 0.00	40.30 1.36 0.00	41.05 1.33 0.00	40.42 1.28 0.00	42.78 1.43 0.00	45.64 1.54 0.00	45.36 1.68 0.00	40.82 1.80 0.00	41.64 2.08 0.00	46.74 2.55 0.00	52.25 2.81 0.00	62.95 3.33 0.00	62.18 3.50 0.00	60.91 3.72 0.00	53.40 3.07 0.00	50.53 2.35 0.00	50.83 2.21 0.00	56.13 2.07 0.00	52.01 1.95 0.00	50.14 2.07 0.00	52.05 2.32 0.00	48.70 2.18 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	53.77 2.27 0.00	52.23 2.04 0.00	46.95 1.66 0.00	40.30 1.36 0.00	41.06 1.34 0.00	40.42 1.28 0.00	42.78 1.43 0.00	45.64 1.55 0.00	45.36 1.68 0.00	40.81 1.80 0.00	41.64 2.08 0.00	46.74 2.55 0.00	52.25 2.81 0.00	62.95 3.33 0.00	62.18 3.50 0.00	60.90 3.71 0.00	53.40 3.07 0.00	50.53 2.35 0.00	50.83 2.21 0.00	56.14 2.07 0.00	52.01 1.95 0.00	50.14 2.08 0.00	52.05 2.32 0.00	48.70 2.18 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	53.72 2.22 0.00	52.19 2.00 0.00	46.91 1.62 0.00	40.27 1.33 0.00	41.02 1.30 0.00	40.39 1.25 0.00	42.74 1.39 0.00	45.60 1.51 0.00	45.32 1.64 0.00	40.78 1.76 0.00	41.61 2.06 0.00	46.72 2.53 0.00	52.22 2.78 0.00	62.90 3.28 0.00	62.13 3.44 0.00	60.85 3.67 0.00	53.35 3.02 0.00	50.48 2.30 0.00	50.78 2.16 0.00	56.08 2.02 0.00	51.97 1.90 0.00	50.10 2.03 0.00	52.00 2.27 0.00	48.65 2.14 0.00
FARRAGUT___LBMP 323566	53.68 2.18 0.00	52.14 1.96 0.00	46.86 1.57 0.00	40.24 1.30 0.00	40.99 1.27 0.00	40.36 1.22 0.00	42.72 1.37 0.00	45.57 1.48 0.00	45.29 1.61 0.00	40.75 1.73 0.00	41.58 2.03 0.00	46.67 2.49 0.00	52.17 2.73 0.00	62.85 3.23 0.00	62.07 3.38 0.00	60.80 3.62 0.00	53.31 2.98 0.00	50.44 2.26 0.00	50.73 2.11 0.00	56.03 1.96 0.00	51.92 1.85 0.00	50.06 1.99 0.00	51.96 2.24 0.00	48.62 2.10 0.00
FARRCKWY_69_KV_BK2 55825	54.49 2.98 0.00	53.02 2.83 0.00	47.76 2.47 0.00	40.98 2.04 0.00	41.71 1.99 0.00	41.11 1.97 0.00	43.49 2.13 0.00	46.24 2.15 0.00	46.08 2.40 0.00	41.50 2.48 0.00	42.56 3.00 0.00	48.15 3.65 -0.31	53.40 3.96 0.00	63.84 4.22 0.00	62.98 4.29 0.00	62.12 4.94 0.00	54.73 4.40 0.00	51.88 3.70 0.00	52.28 3.66 0.00	57.49 3.42 0.00	53.41 3.34 0.00	51.46 3.39 0.00	53.16 3.43 0.00	49.72 3.20 0.00
FENNER___WINDPWR 24204	52.28 0.78 0.00	50.91 0.72 0.00	45.91 0.62 0.00	39.46 0.52 0.00	40.22 0.50 0.00	39.67 0.53 0.00	41.85 0.50 0.00	44.60 0.51 0.00	43.99 0.32 0.00	39.20 0.18 0.00	39.77 0.22 0.00	44.41 0.23 0.00	49.66 0.22 0.00	60.02 0.40 0.00	59.02 0.34 0.00	57.62 0.44 0.00	50.79 0.46 0.00	48.75 0.57 0.00	49.45 0.83 0.00	55.19 1.12 0.00	50.99 0.93 0.00	48.93 0.88 0.01	50.54 0.82 0.01	47.23 0.71 0.00
FIBERTEK___ENERGY 23856	51.13 -0.38 0.00	49.79 -0.40 0.00	44.97 -0.31 0.00	38.63 -0.30 0.00	39.41 -0.31 0.00	38.85 -0.29 0.00	40.97 -0.38 0.00	43.68 -0.41 0.00	43.19 -0.49 0.00	38.52 -0.49 0.00	39.11 -0.45 0.00	43.64 -0.54 0.00	48.76 -0.68 0.00	58.81 -0.80 0.00	57.87 -0.82 0.00	56.35 -0.83 0.00	49.62 -0.71 0.00	47.69 -0.49 0.00	48.32 -0.31 0.00	53.83 -0.24 0.00	49.74 -0.32 0.00	47.67 -0.40 0.00	49.23 -0.50 0.00	46.05 -0.47 0.00
FITZPATRICK____ 23598	49.88 -1.63 0.00	48.62 -1.57 0.00	43.98 -1.31 0.00	37.82 -1.12 0.00	38.56 -1.16 0.00	38.00 -1.13 0.00	40.09 -1.26 0.00	42.74 -1.35 0.00	42.30 -1.38 0.00	37.79 -1.23 0.00	38.32 -1.23 0.00	42.75 -1.43 0.00	47.69 -1.75 0.00	57.48 -2.14 0.00	56.56 -2.13 0.00	55.06 -2.13 0.00	48.46 -1.87 0.00	46.51 -1.67 0.00	47.02 -1.60 0.00	52.34 -1.73 0.00	48.41 -1.66 0.00	46.44 -1.63 0.00	47.98 -1.75 0.00	44.92 -1.60 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	53.59 2.09 0.00	52.08 1.89 0.00	46.83 1.54 0.00	40.22 1.28 0.00	40.99 1.27 0.00	40.36 1.22 0.00	42.67 1.32 0.00	45.51 1.42 0.00	45.17 1.49 0.00	40.55 1.54 0.00	41.33 1.77 0.00	46.38 2.19 0.00	51.96 2.52 0.00	62.71 3.10 0.00	61.94 3.25 0.00	60.72 3.53 0.00	53.38 3.05 0.00	50.74 2.56 0.00	51.15 2.53 0.00	56.61 2.54 0.00	52.41 2.34 0.00	50.34 2.27 0.00	52.11 2.38 0.00	48.68 2.16 0.00
FORT ORANGE____ 23900	51.75 0.25 0.00	50.57 0.38 0.00	45.63 0.34 0.00	39.23 0.29 0.00	40.11 0.39 0.00	39.50 0.36 0.00	41.61 0.25 0.00	44.32 0.23 0.00	43.87 0.19 0.00	39.16 0.14 0.00	39.64 0.08 0.00	44.37 0.18 0.00	49.75 0.31 0.00	60.02 0.40 0.00	59.23 0.54 0.00	57.87 0.69 0.00	50.94 0.60 0.00	48.62 0.45 0.00	49.11 0.48 0.00	54.54 0.47 0.00	50.59 0.52 0.00	48.61 0.55 0.00	50.37 0.64 0.00	47.09 0.56 0.00
FORT_DRUM_COGEN 23780	53.37 1.87 0.00	51.81 1.62 0.00	46.71 1.42 0.00	40.16 1.22 0.00	40.92 1.21 0.00	40.40 1.26 0.00	42.68 1.33 0.00	45.45 1.36 0.00	44.90 1.22 0.00	40.34 1.32 0.00	40.80 1.25 0.00	45.17 0.99 0.00	50.23 0.79 0.00	59.99 0.37 0.00	58.78 0.09 0.00	57.19 0.00 0.00	50.82 0.50 0.00	49.24 1.07 0.00	50.77 2.14 0.00	56.79 2.72 0.00	52.61 2.53 0.00	50.68 2.61 0.00	52.19 2.46 0.00	48.53 2.01 0.00
FOX_HILLS___ESR 323835	6.37 2.20 47.33	40.77 1.96 11.38	31.82 1.56 15.03	31.78 1.26 8.42	31.78 1.23 9.17	31.77 1.18 8.54	31.77 1.34 10.91	24.73 1.44 20.80	-8.89 1.54 54.11	23.74 1.67 16.94	28.37 1.93 13.12	28.38 2.39 18.19	28.35 2.60 23.69	28.43 3.16 34.35	28.39 3.30 33.60	28.51 3.62 32.30	28.47 3.00 24.86	29.81 2.23 20.60	28.38 2.08 22.32	28.44 1.93 27.57	28.51 1.88 23.44	40.27 1.99 9.79	51.86 2.13 0.00	48.57 2.05 0.00
FPL FAR_ROCK_GT1 24212	54.48 2.97 0.00	53.01 2.82 0.00	47.76 2.47 0.00	40.98 2.04 0.00	41.71 1.99 0.00	41.10 1.97 0.00	43.48 2.13 0.00	46.24 2.15 0.00	46.08 2.40 0.00	41.49 2.48 0.00	42.56 3.00 0.00	48.15 3.65 -0.31	53.39 3.95 0.00	63.83 4.21 0.00	62.98 4.29 0.00	62.12 4.94 0.00	54.73 4.40 0.00	51.88 3.70 0.00	52.29 3.66 0.00	57.49 3.42 0.00	53.41 3.34 0.00	51.46 3.39 0.00	53.16 3.43 0.00	49.72 3.20 0.00

FPL_FAR_ROCK_GT2 23815	54.48 2.97 0.00	53.01 2.82 0.00	47.76 2.47 0.00	40.98 2.04 0.00	41.71 1.99 0.00	41.10 1.97 0.00	43.48 2.13 0.00	46.24 2.15 0.00	46.08 2.40 0.00	41.49 2.48 0.00	42.56 3.00 0.00	48.15 3.65 -0.31	53.39 3.95 0.00	63.83 4.21 0.00	62.98 4.29 0.00	62.12 4.94 0.00	54.73 4.40 0.00	51.88 3.70 0.00	52.29 3.66 0.00	57.49 3.42 0.00	53.41 3.34 0.00	51.46 3.39 0.00	53.16 3.43 0.00	49.72 3.20 0.00
FRANKLIN_FALL_HYD 24054	52.31 0.81 0.00	50.89 0.70 0.00	45.84 0.55 0.00	39.52 0.58 0.00	40.30 0.58 0.00	39.83 0.69 0.00	42.18 0.83 0.00	45.00 0.91 0.00	44.70 1.02 0.00	39.91 0.89 0.00	40.41 0.85 0.00	44.84 0.65 0.00	50.17 0.73 0.00	60.57 0.95 0.00	59.52 0.83 0.00	57.79 0.61 0.00	51.16 0.83 0.00	49.06 0.88 0.00	49.41 0.78 0.00	55.04 0.97 0.00	50.96 0.90 0.00	48.66 0.59 0.00	50.32 0.59 0.00	47.04 0.52 0.00
FREEPORT_EQUS_GT1 23764	53.92 2.42 0.00	52.53 2.34 0.00	47.35 2.06 0.00	40.63 1.69 0.00	41.35 1.63 0.00	40.75 1.62 0.00	43.11 1.76 0.00	45.81 1.72 0.00	45.67 2.00 0.00	41.14 2.12 0.00	42.17 2.62 0.00	47.69 3.19 -0.31	52.88 3.44 0.00	63.19 3.57 0.00	62.25 3.56 0.00	61.43 4.25 0.00	54.16 3.84 0.00	51.37 3.19 0.00	51.81 3.19 0.00	56.92 2.85 0.00	52.92 2.85 0.00	51.09 3.02 0.00	52.79 3.07 0.00	49.44 2.92 0.00
FREEPORT___CT2 23818	53.92 2.42 0.00	52.53 2.34 0.00	47.35 2.06 0.00	40.63 1.69 0.00	41.35 1.63 0.00	40.75 1.62 0.00	43.11 1.76 0.00	45.81 1.72 0.00	45.67 2.00 0.00	41.14 2.12 0.00	42.17 2.62 0.00	47.69 3.19 -0.31	52.88 3.44 0.00	63.19 3.57 0.00	62.25 3.56 0.00	61.43 4.25 0.00	54.16 3.84 0.00	51.37 3.19 0.00	51.81 3.19 0.00	56.92 2.85 0.00	52.92 2.85 0.00	51.09 3.02 0.00	52.79 3.07 0.00	49.44 2.92 0.00
FRESHKLS_33_KV_LOAD 356253	6.47 2.31 47.33	40.93 2.13 11.38	31.93 1.67 15.03	31.86 1.34 8.42	31.87 1.33 9.17	31.87 1.27 8.54	31.87 1.43 10.91	24.82 1.54 20.80	-8.82 1.62 54.11	23.79 1.71 16.94	28.41 1.97 13.12	28.44 2.45 18.19	28.42 2.67 23.69	28.57 3.30 34.35	28.51 3.41 33.60	28.68 3.79 32.30	28.64 3.17 24.86	29.95 2.37 20.60	28.52 2.22 22.32	28.61 2.10 27.57	28.65 2.02 23.44	40.38 2.10 9.79	51.91 2.19 0.00	48.64 2.13 0.00
FULTON COGEN____ 23766	50.45 -1.05 0.00	49.14 -1.05 0.00	44.42 -0.87 0.00	38.20 -0.74 0.00	38.95 -0.77 0.00	38.37 -0.77 0.00	40.48 -0.88 0.00	43.14 -0.95 0.00	42.64 -1.04 0.00	38.09 -0.92 0.00	38.60 -0.96 0.00	43.04 -1.15 0.00	48.04 -1.40 0.00	57.92 -1.69 0.00	56.99 -1.70 0.00	55.44 -1.75 0.00	48.74 -1.59 0.00	46.82 -1.36 0.00	47.44 -1.18 0.00	52.91 -1.16 0.00	48.92 -1.15 0.00	46.94 -1.17 -0.04	48.48 -1.29 -0.03	45.34 -1.18 0.00
FULTON___LFGE 323630	53.95 2.45 0.00	52.46 2.27 0.00	47.29 2.01 0.00	40.60 1.66 0.00	41.32 1.60 0.00	40.69 1.55 0.00	43.02 1.66 0.00	45.65 1.56 0.00	44.36 0.68 0.00	39.17 0.16 0.00	39.67 0.11 0.00	44.34 0.16 0.00	50.07 0.64 0.00	60.40 0.78 0.00	59.93 1.24 0.00	57.81 0.62 0.00	51.58 1.25 0.00	49.90 1.72 0.00	50.77 2.15 0.00	56.93 2.86 0.00	52.75 2.67 0.00	50.52 2.45 0.00	52.08 2.35 0.00	48.57 2.05 0.00
G.F.CEMENT___DRP 24184	53.71 2.21 0.00	52.45 2.26 0.00	47.27 1.99 0.00	40.56 1.63 0.00	41.40 1.68 0.00	40.80 1.67 0.00	42.95 1.59 0.00	45.71 1.62 0.00	45.06 1.38 0.00	40.18 1.17 0.00	40.42 0.86 0.00	45.26 1.07 0.00	50.77 1.33 0.00	60.94 1.32 0.00	60.04 1.35 0.00	58.69 1.51 0.00	51.46 1.13 0.00	49.61 1.43 0.00	50.66 2.04 0.00	56.31 2.25 0.00	52.36 2.29 0.00	50.11 2.04 0.00	51.99 2.26 0.00	48.67 2.15 0.00
GARDENVILLE___LBMP 24039	51.10 -0.40 0.00	49.60 -0.59 0.00	44.39 -0.90 0.00	38.17 -0.76 0.00	38.96 -0.76 0.00	38.35 -0.79 0.00	40.05 -1.30 0.00	42.90 -1.19 0.00	42.53 -1.15 0.00	38.00 -1.01 0.00	38.49 -1.07 0.00	43.16 -1.03 0.00	48.49 -0.95 0.00	58.25 -1.36 0.00	56.93 -1.76 0.00	54.54 -2.64 0.00	48.24 -2.09 0.00	46.74 -1.44 0.00	47.11 -1.52 0.00	53.02 -1.06 0.00	48.43 -1.64 0.00	46.28 -1.74 0.05	47.77 -1.91 0.04	44.71 -1.82 0.00
GARDNVLA_35_KV_LD 355827	51.33 -0.17 0.00	49.83 -0.36 0.00	44.61 -0.68 0.00	38.35 -0.58 0.00	39.13 -0.60 0.00	38.50 -0.64 0.00	40.15 -1.20 0.00	43.02 -1.07 0.00	42.67 -1.01 0.00	38.17 -0.85 0.00	38.64 -0.92 0.00	43.40 -0.78 0.00	48.79 -0.64 0.00	58.64 -0.98 0.00	57.25 -1.45 0.00	54.80 -2.39 0.00	48.51 -1.82 0.00	47.05 -1.13 0.00	47.40 -1.23 0.00	53.32 -0.75 0.00	48.65 -1.42 0.00	46.50 -1.52 0.05	47.98 -1.71 0.04	44.88 -1.64 0.00
GELCKHM___115KV_LOAD 80723	50.84 -0.66 0.00	49.52 -0.67 0.00	44.74 -0.55 0.00	38.45 -0.49 0.00	39.22 -0.50 0.00	38.65 -0.49 0.00	40.77 -0.59 0.00	43.45 -0.64 0.00	42.97 -0.70 0.00	38.39 -0.63 0.00	38.96 -0.60 0.00	43.49 -0.70 0.00	48.57 -0.87 0.00	58.57 -1.04 0.00	57.63 -1.06 0.00	56.11 -1.08 0.00	49.39 -0.94 0.00	47.45 -0.73 0.00	48.03 -0.59 0.00	53.51 -0.56 0.00	49.44 -0.63 0.00	47.37 -0.68 0.02	48.92 -0.79 0.02	45.79 -0.73 0.00
GENERAL___MILLS 23808	51.23 -0.27 0.00	49.74 -0.45 0.00	44.52 -0.76 0.00	38.29 -0.65 0.00	39.05 -0.67 0.00	38.44 -0.70 0.00	40.11 -1.24 0.00	42.97 -1.13 0.00	42.61 -1.07 0.00	38.09 -0.92 0.00	38.57 -0.99 0.00	43.30 -0.89 0.00	48.66 -0.78 0.00	58.47 -1.14 0.00	57.10 -1.59 0.00	54.67 -2.52 0.00	48.39 -1.94 0.00	46.91 -1.27 0.00	47.26 -1.36 0.00	53.18 -0.89 0.00	48.55 -1.52 0.00	46.39 -1.63 0.05	47.88 -1.81 0.04	44.80 -1.72 0.00
GE_PLASTICS___DRP 24183	51.69 0.19 0.00	50.50 0.31 0.00	45.56 0.27 0.00	39.17 0.23 0.00	40.03 0.31 0.00	39.41 0.27 0.00	41.54 0.19 0.00	44.26 0.17 0.00	43.85 0.17 0.00	39.21 0.19 0.00	39.72 0.16 0.00	44.46 0.27 0.00	49.83 0.40 0.00	60.13 0.51 0.00	59.30 0.61 0.00	57.91 0.72 0.00	50.89 0.56 0.00	48.56 0.38 0.00	49.00 0.38 0.00	54.36 0.29 0.00	50.43 0.36 0.00	48.46 0.39 0.00	50.23 0.50 0.00	46.97 0.45 0.00
GILBOA___1 23756	52.01 0.51 0.00	50.73 0.54 0.00	45.72 0.44 0.00	39.30 0.36 0.00	40.10 0.37 0.00	39.50 0.36 0.00	41.69 0.34 0.00	44.43 0.34 0.00	44.04 0.36 0.00	39.43 0.41 0.00	40.02 0.46 0.00	44.82 0.63 0.00	50.19 0.75 0.00	60.57 0.96 0.00	59.62 0.93 0.00	58.22 1.03 0.00	51.05 0.72 0.00	48.85 0.67 0.00	49.26 0.64 0.00	54.58 0.51 0.00	50.67 0.60 0.00	48.69 0.62 0.00	50.43 0.70 0.00	47.18 0.66 0.00
GILBOA___2 23757	52.01 0.51 0.00	50.73 0.54 0.00	45.72 0.44 0.00	39.30 0.36 0.00	40.10 0.37 0.00	39.50 0.36 0.00	41.69 0.34 0.00	44.43 0.34 0.00	44.04 0.36 0.00	39.43 0.41 0.00	40.02 0.46 0.00	44.82 0.63 0.00	50.19 0.75 0.00	60.57 0.96 0.00	59.62 0.93 0.00	58.22 1.03 0.00	51.05 0.72 0.00	48.85 0.67 0.00	49.26 0.64 0.00	54.58 0.51 0.00	50.67 0.60 0.00	48.69 0.62 0.00	50.43 0.70 0.00	47.18 0.66 0.00

GILBOA___3 23758	52.01 0.51 0.00	50.73 0.54 0.00	45.72 0.44 0.00	39.30 0.36 0.00	40.10 0.37 0.00	39.50 0.36 0.00	41.69 0.34 0.00	44.43 0.34 0.00	44.04 0.36 0.00	39.43 0.41 0.00	40.02 0.46 0.00	44.82 0.63 0.00	50.19 0.75 0.00	60.57 0.96 0.00	59.62 0.93 0.00	58.22 1.03 0.00	51.05 0.72 0.00	48.85 0.67 0.00	49.26 0.64 0.00	54.58 0.51 0.00	50.67 0.60 0.00	48.69 0.62 0.00	50.43 0.70 0.00	47.18 0.66 0.00
GILBOA___4 23759	52.01 0.51 0.00	50.73 0.54 0.00	45.72 0.44 0.00	39.30 0.36 0.00	40.10 0.37 0.00	39.50 0.36 0.00	41.69 0.34 0.00	44.43 0.34 0.00	44.04 0.36 0.00	39.43 0.41 0.00	40.02 0.46 0.00	44.82 0.63 0.00	50.19 0.75 0.00	60.57 0.96 0.00	59.62 0.93 0.00	58.22 1.03 0.00	51.05 0.72 0.00	48.85 0.67 0.00	49.26 0.64 0.00	54.58 0.51 0.00	50.67 0.60 0.00	48.69 0.62 0.00	50.43 0.70 0.00	47.18 0.66 0.00
GILBOA___ 23599	52.01 0.51 0.00	50.73 0.54 0.00	45.72 0.44 0.00	39.30 0.36 0.00	40.10 0.38 0.00	39.50 0.36 0.00	41.70 0.34 0.00	44.44 0.34 0.00	44.04 0.36 0.00	39.43 0.41 0.00	40.02 0.46 0.00	44.82 0.63 0.00	50.19 0.75 0.00	60.58 0.96 0.00	59.62 0.93 0.00	58.22 1.04 0.00	51.05 0.72 0.00	48.85 0.67 0.00	49.26 0.64 0.00	54.58 0.51 0.00	50.67 0.60 0.00	48.68 0.61 0.00	50.43 0.70 0.00	47.18 0.66 0.00
GINNA___ 23603	48.75 -2.50 0.25	45.88 -2.54 1.77	40.94 -2.41 1.93	35.32 -2.12 1.51	36.48 -2.18 1.07	35.89 -2.17 1.07	38.65 -2.59 0.12	41.42 -2.67 0.00	41.06 -2.62 0.00	36.57 -2.26 0.18	37.29 -2.27 0.00	40.79 -2.33 1.07	45.54 -2.51 1.40	54.68 -3.28 1.65	54.42 -3.42 0.85	53.33 -3.86 0.00	46.84 -3.20 0.29	44.10 -2.62 1.46	44.15 -2.55 1.92	50.06 -2.63 1.38	47.02 -2.78 0.27	45.19 -2.82 0.05	46.57 -3.11 0.05	43.54 -2.98 0.00
GLEN PARK___ 23778	53.42 1.92 0.00	51.85 1.66 0.00	46.74 1.45 0.00	40.18 1.24 0.00	40.96 1.24 0.00	40.44 1.30 0.00	42.71 1.36 0.00	45.48 1.38 0.00	44.94 1.26 0.00	40.41 1.39 0.00	40.86 1.31 0.00	45.22 1.03 0.00	50.27 0.83 0.00	59.99 0.38 0.00	58.76 0.07 0.00	57.19 0.01 0.00	50.90 0.57 0.00	49.26 1.08 0.00	50.92 2.30 0.00	56.98 2.91 0.00	52.76 2.69 0.00	50.84 2.77 0.00	52.31 2.58 0.00	48.62 2.10 0.00
GLENDALE_27_KV_LOAD 356172	53.93 2.43 0.00	52.41 2.22 0.00	47.13 1.85 0.00	40.45 1.52 0.00	41.21 1.49 0.00	40.57 1.43 0.00	42.94 1.59 0.00	45.82 1.73 0.00	45.54 1.87 0.00	40.99 1.98 0.00	41.83 2.27 0.00	46.93 2.74 0.00	52.42 2.98 0.00	63.17 3.55 0.00	62.40 3.71 0.00	61.13 3.94 0.00	53.61 3.29 0.00	50.72 2.55 0.00	50.99 2.37 0.00	56.35 2.28 0.00	52.26 2.19 0.00	50.37 2.30 0.00	52.23 2.50 0.00	48.87 2.34 0.00
GLENWOOD_IC_1_G5 23712	53.80 2.30 0.00	52.36 2.17 0.00	47.13 1.85 0.00	40.46 1.53 0.00	41.19 1.47 0.00	40.59 1.46 0.00	42.95 1.59 0.00	45.72 1.64 0.00	45.52 1.84 0.00	40.98 1.96 0.00	41.95 2.40 0.00	47.44 2.94 -0.31	52.67 3.23 0.00	63.17 3.55 0.00	62.32 3.63 0.00	61.28 4.09 0.00	53.91 3.58 0.00	50.96 2.78 0.00	51.35 2.73 0.00	56.72 2.65 0.00	52.64 2.57 0.00	50.73 2.66 0.00	52.45 2.73 0.00	49.09 2.57 0.00
GLENWOOD_IC_2_G1 23688	53.57 2.08 0.00	52.13 1.94 0.00	46.91 1.62 0.00	40.28 1.34 0.00	41.03 1.31 0.00	40.42 1.28 0.00	42.75 1.40 0.00	45.54 1.46 0.00	45.30 1.63 0.00	40.75 1.74 0.00	41.68 2.12 0.00	47.10 2.60 -0.31	52.31 2.87 0.00	62.82 3.21 0.00	62.01 3.32 0.00	60.90 3.71 0.00	53.53 3.20 0.00	50.71 2.54 0.00	51.11 2.37 0.00	56.39 2.32 0.00	52.31 2.24 0.00	50.40 2.33 0.00	52.15 2.42 0.00	48.79 2.28 0.00
GLENWOOD_IC_3_G1 23689	53.57 2.08 0.00	52.13 1.94 0.00	46.91 1.62 0.00	40.28 1.34 0.00	41.03 1.31 0.00	40.42 1.28 0.00	42.75 1.40 0.00	45.54 1.46 0.00	45.30 1.63 0.00	40.75 1.74 0.00	41.68 2.12 0.00	47.10 2.60 -0.31	52.31 2.87 0.00	62.82 3.21 0.00	62.01 3.32 0.00	60.90 3.71 0.00	53.53 3.20 0.00	50.71 2.54 0.00	51.11 2.49 0.00	56.39 2.32 0.00	52.31 2.24 0.00	50.40 2.33 0.00	52.15 2.42 0.00	48.79 2.28 0.00
GLENWOOD___4 23550	53.80 2.30 0.00	52.36 2.17 0.00	47.13 1.85 0.00	40.46 1.53 0.00	41.19 1.47 0.00	40.59 1.46 0.00	42.95 1.59 0.00	45.72 1.64 0.00	45.52 1.84 0.00	40.98 1.96 0.00	41.95 2.40 0.00	47.44 2.94 -0.31	52.67 3.23 0.00	63.17 3.55 0.00	62.32 3.63 0.00	61.28 4.09 0.00	53.91 3.58 0.00	51.01 2.84 0.00	51.41 2.79 0.00	56.72 2.65 0.00	52.64 2.57 0.00	50.73 2.66 0.00	52.45 2.73 0.00	49.09 2.57 0.00
GLENWOOD___5 23614	53.80 2.30 0.00	52.36 2.17 0.00	47.13 1.85 0.00	40.46 1.53 0.00	41.19 1.47 0.00	40.59 1.46 0.00	42.95 1.59 0.00	45.72 1.64 0.00	45.52 1.84 0.00	40.98 1.96 0.00	41.95 2.40 0.00	47.44 2.94 -0.31	52.67 3.23 0.00	63.17 3.55 0.00	62.32 3.63 0.00	61.28 4.09 0.00	53.91 3.58 0.00	51.01 2.84 0.00	51.41 2.79 0.00	56.72 2.65 0.00	52.64 2.57 0.00	50.73 2.66 0.00	52.45 2.73 0.00	49.09 2.57 0.00
GLOBAL GREEN_PORT_GT1 23814	54.61 3.11 0.00	53.73 3.54 0.00	48.26 2.97 0.00	41.13 2.19 0.00	41.99 2.27 0.00	41.69 2.56 0.00	44.33 2.98 0.00	46.74 2.65 0.00	46.89 3.21 0.00	42.41 3.40 0.00	43.69 4.14 0.00	49.71 5.22 -0.31	55.21 5.77 0.00	65.57 5.95 0.00	64.16 5.47 0.00	63.74 6.55 0.00	56.39 6.06 0.00	53.28 5.10 0.00	53.49 4.86 0.00	57.62 3.55 0.00	54.60 4.53 0.00	53.00 4.93 0.00	54.67 4.94 0.00	51.02 4.50 0.00
GLOBE___DSASP 323697	49.62 -1.88 0.00	48.32 -1.87 0.00	43.34 -1.95 0.00	37.34 -1.59 0.00	38.18 -1.54 0.00	37.57 -1.57 0.00	39.12 -2.23 0.00	41.95 -2.14 0.00	41.73 -1.95 0.00	37.28 -1.74 0.00	37.76 -1.80 0.00	42.20 -1.99 0.00	47.00 -2.43 0.00	56.19 -3.43 0.00	55.09 -3.60 0.00	52.75 -4.43 0.00	46.67 -3.66 0.00	45.04 -3.14 0.00	45.21 -3.42 0.00	50.81 -3.26 0.00	46.65 -3.42 0.00	44.48 -3.54 0.05	46.05 -3.64 0.05	43.25 -3.27 0.00
GOETHSLN___LBMP 323567	6.21 2.04 47.33	31.71 1.80 20.28	31.70 1.44 15.03	31.71 1.19 8.42	31.71 1.16 9.17	31.71 1.12 8.54	31.71 1.26 10.91	24.66 1.37 20.80	-8.94 1.49 54.11	23.69 1.61 16.94	28.33 1.89 13.12	28.33 2.33 18.19	28.34 2.59 23.69	28.35 3.08 34.35	28.34 3.25 33.60	28.33 3.45 32.30	28.33 2.86 24.86	29.79 2.20 20.60	28.33 2.04 22.32	28.33 1.83 27.57	28.33 1.70 23.44	40.04 1.76 9.79	51.69 1.96 0.00	48.38 1.87 0.00
GOLAH___69_KV_TB 1_2 80279	51.85 0.35 0.00	50.35 0.16 0.00	45.15 -0.13 0.00	38.74 -0.20 0.00	39.46 -0.26 0.00	38.88 -0.26 0.00	40.70 -0.65 0.00	43.51 -0.59 0.00	43.02 -0.66 0.00	38.41 -0.61 0.00	38.92 -0.64 0.00	43.55 -0.64 0.00	48.78 -0.66 0.00	58.74 -0.88 0.00	57.60 -1.09 0.00	55.46 -1.72 0.00	49.01 -1.32 0.00	47.40 -0.78 0.00	48.04 -0.58 0.00	53.96 -0.10 0.00	49.58 -0.49 0.00	47.36 -0.65 0.05	48.79 -0.88 0.05	45.61 -0.91 0.00

GOODYEAR_LAKE_HYD 323669	52.78 1.28 0.00	51.39 1.20 0.00	46.26 0.98 0.00	39.75 0.81 0.00	40.53 0.81 0.00	39.93 0.79 0.00	42.19 0.84 0.00	44.96 0.87 0.00	44.60 0.92 0.00	39.90 0.88 0.00	40.48 0.92 0.00	45.28 1.10 0.00	50.65 1.21 0.00	61.23 1.61 0.00	60.26 1.58 0.00	58.94 1.75 0.00	51.73 1.40 0.00	49.67 1.49 0.00	50.18 1.56 0.00	55.74 1.67 0.00	51.62 1.55 0.00	49.45 1.40 0.01	51.15 1.43 0.01	47.80 1.28 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	51.44 -0.06 0.00	50.01 -0.18 0.00	44.99 -0.30 0.00	38.69 -0.25 0.00	39.44 -0.28 0.00	38.91 -0.22 0.00	41.11 -0.24 0.00	43.83 -0.26 0.00	43.31 -0.37 0.00	38.67 -0.34 0.00	39.30 -0.26 0.00	43.88 -0.30 0.00	49.09 -0.35 0.00	59.24 -0.37 0.00	58.28 -0.41 0.00	56.92 -0.26 0.00	50.00 -0.33 0.00	48.00 -0.17 0.00	48.57 -0.05 0.00	54.30 0.23 0.00	50.05 -0.02 0.00	47.96 -0.10 0.01	49.57 -0.15 0.01	46.38 -0.14 0.00
GOUDEY___7 23579	51.44 -0.06 0.00	50.01 -0.18 0.00	44.99 -0.30 0.00	38.69 -0.25 0.00	39.44 -0.28 0.00	38.91 -0.22 0.00	41.11 -0.24 0.00	43.83 -0.26 0.00	43.31 -0.37 0.00	38.67 -0.34 0.00	39.30 -0.26 0.00	43.88 -0.30 0.00	49.09 -0.35 0.00	59.24 -0.37 0.00	58.28 -0.41 0.00	56.92 -0.26 0.00	50.00 -0.33 0.00	48.00 -0.17 0.00	48.57 -0.05 0.00	54.30 0.23 0.00	50.05 -0.02 0.00	47.96 -0.10 0.01	49.57 -0.15 0.01	46.38 -0.14 0.00
GOUDEY___8 23580	51.44 -0.06 0.00	50.01 -0.18 0.00	44.99 -0.30 0.00	38.69 -0.25 0.00	39.44 -0.28 0.00	38.91 -0.22 0.00	41.11 -0.24 0.00	43.83 -0.26 0.00	43.31 -0.37 0.00	38.67 -0.34 0.00	39.30 -0.26 0.00	43.88 -0.30 0.00	49.09 -0.35 0.00	59.24 -0.37 0.00	58.28 -0.41 0.00	56.92 -0.26 0.00	50.00 -0.33 0.00	48.00 -0.17 0.00	48.57 -0.05 0.00	54.30 0.23 0.00	50.05 -0.02 0.00	47.96 -0.10 0.01	49.57 -0.15 0.01	46.38 -0.14 0.00
GOWANUS_GT1_1 24077	53.77 2.27 0.00	52.23 2.05 0.00	46.95 1.66 0.00	40.28 1.34 0.00	41.03 1.31 0.00	40.41 1.27 0.00	42.77 1.42 0.00	45.63 1.54 0.00	45.33 1.65 0.00	40.79 1.78 0.00	41.61 2.05 0.00	46.69 2.51 0.00	52.17 2.73 0.00	62.90 3.28 0.00	62.12 3.43 0.00	60.88 3.70 0.00	53.40 3.07 0.00	50.48 2.31 0.00	50.77 2.14 0.00	56.10 2.03 0.00	52.02 1.95 0.00	50.15 2.09 0.00	52.01 2.29 0.00	48.68 2.16 0.00
GOWANUS_GT1_2 24078	53.77 2.27 0.00	52.23 2.05 0.00	46.95 1.66 0.00	40.28 1.34 0.00	41.03 1.31 0.00	40.41 1.27 0.00	42.77 1.42 0.00	45.63 1.54 0.00	45.33 1.65 0.00	40.79 1.78 0.00	41.61 2.05 0.00	46.69 2.51 0.00	52.17 2.73 0.00	62.90 3.28 0.00	62.12 3.43 0.00	60.88 3.70 0.00	53.40 3.07 0.00	50.48 2.31 0.00	50.77 2.14 0.00	56.10 2.03 0.00	52.02 1.95 0.00	50.15 2.09 0.00	52.01 2.29 0.00	48.68 2.16 0.00
GOWANUS_GT1_3 24079	53.77 2.27 0.00	52.23 2.05 0.00	46.95 1.66 0.00	40.28 1.34 0.00	41.03 1.31 0.00	40.41 1.27 0.00	42.77 1.42 0.00	45.63 1.54 0.00	45.33 1.65 0.00	40.79 1.78 0.00	41.61 2.05 0.00	46.69 2.51 0.00	52.17 2.73 0.00	62.90 3.28 0.00	62.12 3.43 0.00	60.88 3.70 0.00	53.40 3.07 0.00	50.48 2.31 0.00	50.77 2.14 0.00	56.10 2.03 0.00	52.02 1.95 0.00	50.15 2.09 0.00	52.01 2.29 0.00	48.68 2.16 0.00
GOWANUS_GT1_4 24080	53.77 2.27 0.00	52.23 2.05 0.00	46.95 1.66 0.00	40.28 1.34 0.00	41.03 1.31 0.00	40.41 1.27 0.00	42.77 1.42 0.00	45.63 1.54 0.00	45.33 1.65 0.00	40.79 1.78 0.00	41.61 2.05 0.00	46.69 2.51 0.00	52.17 2.73 0.00	62.90 3.28 0.00	62.12 3.43 0.00	60.88 3.70 0.00	53.40 3.07 0.00	50.48 2.31 0.00	50.77 2.14 0.00	56.10 2.03 0.00	52.02 1.95 0.00	50.15 2.09 0.00	52.01 2.29 0.00	48.68 2.16 0.00
GOWANUS_GT1_5 24084	53.77 2.27 0.00	52.23 2.05 0.00	46.95 1.66 0.00	40.28 1.34 0.00	41.03 1.31 0.00	40.41 1.27 0.00	42.77 1.42 0.00	45.63 1.54 0.00	45.33 1.65 0.00	40.79 1.78 0.00	41.61 2.05 0.00	46.69 2.51 0.00	52.17 2.73 0.00	62.90 3.28 0.00	62.12 3.43 0.00	60.88 3.70 0.00	53.40 3.07 0.00	50.48 2.31 0.00	50.77 2.14 0.00	56.10 2.03 0.00	52.02 1.95 0.00	50.15 2.09 0.00	52.01 2.29 0.00	48.68 2.16 0.00
GOWANUS_GT1_6 24111	53.77 2.27 0.00	52.23 2.05 0.00	46.95 1.66 0.00	40.28 1.34 0.00	41.03 1.31 0.00	40.41 1.27 0.00	42.77 1.42 0.00	45.63 1.54 0.00	45.33 1.65 0.00	40.79 1.78 0.00	41.61 2.05 0.00	46.69 2.51 0.00	52.17 2.73 0.00	62.90 3.28 0.00	62.12 3.43 0.00	60.88 3.70 0.00	53.40 3.07 0.00	50.48 2.31 0.00	50.77 2.14 0.00	56.10 2.03 0.00	52.02 1.95 0.00	50.15 2.09 0.00	52.01 2.29 0.00	48.68 2.16 0.00
GOWANUS_GT1_7 24112	53.77 2.27 0.00	52.23 2.05 0.00	46.95 1.66 0.00	40.28 1.34 0.00	41.03 1.31 0.00	40.41 1.27 0.00	42.77 1.42 0.00	45.63 1.54 0.00	45.33 1.65 0.00	40.79 1.78 0.00	41.61 2.05 0.00	46.69 2.51 0.00	52.17 2.73 0.00	62.90 3.28 0.00	62.12 3.43 0.00	60.88 3.70 0.00	53.40 3.07 0.00	50.48 2.31 0.00	50.77 2.14 0.00	56.10 2.03 0.00	52.02 1.95 0.00	50.15 2.09 0.00	52.01 2.29 0.00	48.68 2.16 0.00
GOWANUS_GT1_8 24113	53.77 2.27 0.00	52.23 2.05 0.00	46.95 1.66 0.00	40.28 1.34 0.00	41.03 1.31 0.00	40.41 1.27 0.00	42.77 1.42 0.00	45.63 1.54 0.00	45.33 1.65 0.00	40.79 1.78 0.00	41.61 2.05 0.00	46.69 2.51 0.00	52.17 2.73 0.00	62.90 3.28 0.00	62.12 3.43 0.00	60.88 3.70 0.00	53.40 3.07 0.00	50.48 2.31 0.00	50.77 2.14 0.00	56.10 2.03 0.00	52.02 1.95 0.00	50.15 2.09 0.00	52.01 2.29 0.00	48.68 2.16 0.00
GOWANUS_GT2_1 24114	53.77 2.27 0.00	52.24 2.05 0.00	46.95 1.67 0.00	40.29 1.35 0.00	41.05 1.33 0.00	40.42 1.28 0.00	42.78 1.42 0.00	45.64 1.55 0.00	45.34 1.67 0.00	40.80 1.79 0.00	41.62 2.06 0.00	46.70 2.52 0.00	52.19 2.75 0.00	62.91 3.30 0.00	62.14 3.45 0.00	60.91 3.72 0.00	53.41 3.08 0.00	50.50 2.32 0.00	50.78 2.16 0.00	56.11 2.03 0.00	52.05 1.98 0.00	50.17 2.10 0.00	52.01 2.29 0.00	48.68 2.16 0.00
GOWANUS_GT2_2 24115	53.77 2.27 0.00	52.24 2.05 0.00	46.95 1.67 0.00	40.29 1.35 0.00	41.05 1.33 0.00	40.42 1.28 0.00	42.78 1.42 0.00	45.64 1.55 0.00	45.34 1.67 0.00	40.80 1.79 0.00	41.62 2.06 0.00	46.70 2.52 0.00	52.19 2.75 0.00	62.91 3.30 0.00	62.14 3.45 0.00	60.91 3.72 0.00	53.41 3.08 0.00	50.50 2.32 0.00	50.78 2.16 0.00	56.11 2.03 0.00	52.05 1.98 0.00	50.17 2.10 0.00	52.01 2.29 0.00	48.68 2.16 0.00
GOWANUS_GT2_3 24116	53.77 2.27 0.00	52.24 2.05 0.00	46.95 1.67 0.00	40.29 1.35 0.00	41.05 1.33 0.00	40.42 1.28 0.00	42.78 1.42 0.00	45.64 1.55 0.00	45.34 1.67 0.00	40.80 1.79 0.00	41.62 2.06 0.00	46.70 2.52 0.00	52.19 2.75 0.00	62.91 3.30 0.00	62.14 3.45 0.00	60.91 3.72 0.00	53.41 3.08 0.00	50.50 2.32 0.00	50.78 2.16 0.00	56.11 2.03 0.00	52.05 1.98 0.00	50.17 2.10 0.00	52.01 2.29 0.00	48.68 2.16 0.00

GOWANUS_GT2_4 24117	53.77 2.27 0.00	52.24 2.05 0.00	46.95 1.67 0.00	40.29 1.35 0.00	41.05 1.33 0.00	40.42 1.28 0.00	42.78 1.42 0.00	45.64 1.55 0.00	45.34 1.67 0.00	40.80 1.79 0.00	41.62 2.06 0.00	46.70 2.52 0.00	52.19 2.75 0.00	62.91 3.30 0.00	62.14 3.45 0.00	60.91 3.72 0.00	53.41 3.08 0.00	50.50 2.32 0.00	50.78 2.16 0.00	56.11 2.03 0.00	52.05 1.98 0.00	50.17 2.10 0.00	52.01 2.29 0.00	48.68 2.16 0.00
GOWANUS_GT2_5 24118	53.77 2.27 0.00	52.24 2.05 0.00	46.95 1.67 0.00	40.29 1.35 0.00	41.05 1.33 0.00	40.42 1.28 0.00	42.78 1.42 0.00	45.64 1.55 0.00	45.34 1.67 0.00	40.80 1.79 0.00	41.62 2.06 0.00	46.70 2.52 0.00	52.19 2.75 0.00	62.91 3.30 0.00	62.14 3.45 0.00	60.91 3.72 0.00	53.41 3.08 0.00	50.50 2.32 0.00	50.78 2.16 0.00	56.11 2.03 0.00	52.05 1.98 0.00	50.17 2.10 0.00	52.01 2.29 0.00	48.68 2.16 0.00
GOWANUS_GT2_6 24119	53.77 2.27 0.00	52.24 2.05 0.00	46.95 1.67 0.00	40.29 1.35 0.00	41.05 1.33 0.00	40.42 1.28 0.00	42.78 1.42 0.00	45.64 1.55 0.00	45.34 1.67 0.00	40.80 1.79 0.00	41.62 2.06 0.00	46.70 2.52 0.00	52.19 2.75 0.00	62.91 3.30 0.00	62.14 3.45 0.00	60.91 3.72 0.00	53.41 3.08 0.00	50.50 2.32 0.00	50.78 2.16 0.00	56.11 2.03 0.00	52.05 1.98 0.00	50.17 2.10 0.00	52.01 2.29 0.00	48.68 2.16 0.00
GOWANUS_GT2_7 24120	53.77 2.27 0.00	52.24 2.05 0.00	46.95 1.67 0.00	40.29 1.35 0.00	41.05 1.33 0.00	40.42 1.28 0.00	42.78 1.42 0.00	45.64 1.55 0.00	45.34 1.67 0.00	40.80 1.79 0.00	41.62 2.06 0.00	46.70 2.52 0.00	52.19 2.75 0.00	62.91 3.30 0.00	62.14 3.45 0.00	60.91 3.72 0.00	53.41 3.08 0.00	50.50 2.32 0.00	50.78 2.16 0.00	56.11 2.03 0.00	52.05 1.98 0.00	50.17 2.10 0.00	52.01 2.29 0.00	48.68 2.16 0.00
GOWANUS_GT2_8 24121	53.77 2.27 0.00	52.24 2.05 0.00	46.95 1.67 0.00	40.29 1.35 0.00	41.05 1.33 0.00	40.42 1.28 0.00	42.78 1.42 0.00	45.64 1.55 0.00	45.34 1.67 0.00	40.80 1.79 0.00	41.62 2.06 0.00	46.70 2.52 0.00	52.19 2.75 0.00	62.91 3.30 0.00	62.14 3.45 0.00	60.91 3.72 0.00	53.41 3.08 0.00	50.50 2.32 0.00	50.78 2.16 0.00	56.11 2.03 0.00	52.05 1.98 0.00	50.17 2.10 0.00	52.01 2.29 0.00	48.68 2.16 0.00
GOWANUS_GT3_1 24122	53.76 2.26 0.00	52.23 2.05 0.00	46.94 1.65 0.00	40.29 1.34 0.00	41.03 1.31 0.00	40.40 1.26 0.00	42.76 1.41 0.00	45.63 1.54 0.00	45.33 1.65 0.00	40.78 1.77 0.00	41.60 2.04 0.00	46.68 2.50 0.00	52.16 2.72 0.00	62.89 3.28 0.00	62.11 3.42 0.00	60.88 3.70 0.00	53.39 3.06 0.00	50.49 2.31 0.00	50.77 2.14 0.00	56.10 2.03 0.00	52.02 1.95 0.00	50.16 2.09 0.00	52.01 2.28 0.00	48.68 2.16 0.00
GOWANUS_GT3_2 24123	53.76 2.26 0.00	52.23 2.05 0.00	46.94 1.65 0.00	40.29 1.34 0.00	41.03 1.31 0.00	40.40 1.26 0.00	42.76 1.41 0.00	45.63 1.54 0.00	45.33 1.65 0.00	40.78 1.77 0.00	41.60 2.04 0.00	46.68 2.50 0.00	52.16 2.72 0.00	62.89 3.28 0.00	62.11 3.42 0.00	60.88 3.70 0.00	53.39 3.06 0.00	50.49 2.31 0.00	50.77 2.14 0.00	56.10 2.03 0.00	52.02 1.95 0.00	50.16 2.09 0.00	52.01 2.28 0.00	48.68 2.16 0.00
GOWANUS_GT3_3 24124	53.76 2.26 0.00	52.23 2.05 0.00	46.94 1.65 0.00	40.29 1.34 0.00	41.03 1.31 0.00	40.40 1.26 0.00	42.76 1.41 0.00	45.63 1.54 0.00	45.33 1.65 0.00	40.78 1.77 0.0														

GOWANUS_GT4_3 24132	53.78 2.28 0.00	52.24 2.06 0.00	46.96 1.67 0.00	40.29 1.35 0.00	41.05 1.33 0.00	40.41 1.27 0.00	42.78 1.43 0.00	45.64 1.55 0.00	45.34 1.67 0.00	40.81 1.79 0.00	41.62 2.06 0.00	46.71 2.53 0.00	52.20 2.76 0.00	62.92 3.31 0.00	62.14 3.45 0.00	60.91 3.72 0.00	53.41 3.08 0.00	50.50 2.32 0.00	50.78 2.16 0.00	56.11 2.04 0.00	52.06 1.99 0.00	50.17 2.10 0.00	52.02 2.30 0.00	48.68 2.16 0.00
GOWANUS_GT4_4 24133	53.78 2.28 0.00	52.24 2.06 0.00	46.96 1.67 0.00	40.29 1.35 0.00	41.05 1.33 0.00	40.41 1.27 0.00	42.78 1.43 0.00	45.64 1.55 0.00	45.34 1.67 0.00	40.81 1.79 0.00	41.62 2.06 0.00	46.71 2.53 0.00	52.20 2.76 0.00	62.92 3.31 0.00	62.14 3.45 0.00	60.91 3.72 0.00	53.41 3.08 0.00	50.50 2.32 0.00	50.78 2.16 0.00	56.11 2.04 0.00	52.06 1.99 0.00	50.17 2.10 0.00	52.02 2.30 0.00	48.68 2.16 0.00
GOWANUS_GT4_5 24134	53.78 2.28 0.00	52.24 2.06 0.00	46.96 1.67 0.00	40.29 1.35 0.00	41.05 1.33 0.00	40.41 1.27 0.00	42.78 1.43 0.00	45.64 1.55 0.00	45.34 1.67 0.00	40.81 1.79 0.00	41.62 2.06 0.00	46.71 2.53 0.00	52.20 2.76 0.00	62.92 3.31 0.00	62.14 3.45 0.00	60.91 3.72 0.00	53.41 3.08 0.00	50.50 2.32 0.00	50.78 2.16 0.00	56.11 2.04 0.00	52.06 1.99 0.00	50.17 2.10 0.00	52.02 2.30 0.00	48.68 2.16 0.00
GOWANUS_GT4_6 24135	53.78 2.28 0.00	52.24 2.06 0.00	46.96 1.67 0.00	40.29 1.35 0.00	41.05 1.33 0.00	40.41 1.27 0.00	42.78 1.43 0.00	45.64 1.55 0.00	45.34 1.67 0.00	40.81 1.79 0.00	41.62 2.06 0.00	46.71 2.53 0.00	52.20 2.76 0.00	62.92 3.31 0.00	62.14 3.45 0.00	60.91 3.72 0.00	53.41 3.08 0.00	50.50 2.32 0.00	50.78 2.16 0.00	56.11 2.04 0.00	52.06 1.99 0.00	50.17 2.10 0.00	52.02 2.30 0.00	48.68 2.16 0.00
GOWANUS_GT4_7 24136	53.78 2.28 0.00	52.24 2.06 0.00	46.96 1.67 0.00	40.29 1.35 0.00	41.05 1.33 0.00	40.41 1.27 0.00	42.78 1.43 0.00	45.64 1.55 0.00	45.34 1.67 0.00	40.81 1.79 0.00	41.62 2.06 0.00	46.71 2.53 0.00	52.20 2.76 0.00	62.92 3.31 0.00	62.14 3.45 0.00	60.91 3.72 0.00	53.41 3.08 0.00	50.50 2.32 0.00	50.78 2.16 0.00	56.11 2.04 0.00	52.06 1.99 0.00	50.17 2.10 0.00	52.02 2.30 0.00	48.68 2.16 0.00
GOWANUS_GT4_8 24137	53.78 2.28 0.00	52.24 2.06 0.00	46.96 1.67 0.00	40.29 1.35 0.00	41.05 1.33 0.00	40.41 1.27 0.00	42.78 1.43 0.00	45.64 1.55 0.00	45.34 1.67 0.00	40.81 1.79 0.00	41.62 2.06 0.00	46.71 2.53 0.00	52.20 2.76 0.00	62.92 3.31 0.00	62.14 3.45 0.00	60.91 3.72 0.00	53.41 3.08 0.00	50.50 2.32 0.00	50.78 2.16 0.00	56.11 2.04 0.00	52.06 1.99 0.00	50.17 2.10 0.00	52.02 2.30 0.00	48.68 2.16 0.00
GREENBSH_115KV_TB3 55895	51.42 -0.08 0.00	50.28 0.09 0.00	45.37 0.08 0.00	39.03 0.09 0.00	39.91 0.19 0.00	39.28 0.14 0.00	41.37 0.02 0.00	44.09 0.00 0.00	43.69 0.02 0.00	39.06 0.04 0.00	39.54 -0.01 0.00	44.25 0.06 0.00	49.61 0.17 0.00	59.85 0.23 0.00	59.04 0.35 0.00	57.66 0.48 0.00	50.69 0.36 0.00	48.34 0.16 0.00	48.82 0.20 0.00	54.13 0.06 0.00	50.23 0.15 0.00	48.27 0.20 0.00	50.05 0.32 0.00	46.81 0.29 0.00
GREENDGE_115KV_TB5 80291	51.93 0.43 0.00	50.43 0.24 0.00	45.31 0.03 0.00	38.93 -0.01 0.00	39.66 -0.06 0.00	39.15 0.02 0.00	41.28 -0.07 0.00	44.03 -0.06 0.00	43.32 -0.36 0.00	38.43 -0.58 0.00	39.02 -0.53 0.00	43.53 -0.65 0.00	48.78 -0.66 0.00	58.83 -0.79 0.00	57.72 -0.97 0.00	56.10 -1.09 0.00	49.48 -0.85 0.00	47.77 -0.41 0.00	48.72 0.09 0.00	54.95 0.88 0.00	50.48 0.41 0.00	48.27 0.23 0.03	49.77 0.07 0.03	46.47 -0.05 0.00
GREENIDGE___3 23582	51.93 0.43 0.00	50.43 0.24 0.00	45.31 0.03 0.00	38.93 -0.01 0.00	39.66 -0.06 0.00	39.15 0.02 0.00	41.28 -0.07 0.00	44.03 -0.06 0.00	43.32 -0.36 0.00	38.43 -0.58 0.00	39.02 -0.53 0.00	43.53 -0.65 0.00	48.78 -0.66 0.00	58.83 -0.79 0.00	57.72 -0.97 0.00	56.10 -1.09 0.00	49.48 -0.85 0.00	47.77 -0.41 0.00	48.72 0.09 0.00	54.95 0.88 0.00	50.48 0.41 0.00	48.27 0.23 0.03	49.77 0.07 0.03	46.47 -0.05 0.00
GREENIDGE___4 23583	52.27 0.43 -0.34	52.88 0.24 -2.45	48.00 0.04 -2.68	41.02 0.00 -2.09	41.15 -0.05 -1.47	40.64 0.02 -1.48	41.44 -0.07 -0.16	44.03 -0.06 0.00	43.32 -0.36 0.00	38.69 -0.58 -0.25	39.02 -0.54 0.00	45.02 -0.64 -1.48	50.72 -0.66 -1.93	61.13 -0.77 -2.29	58.89 -0.97 -1.17	56.10 -1.09 0.00	49.87 -0.86 -0.40	49.80 -0.40 -2.02	51.38 0.10 -2.66	56.86 0.88 -1.91	50.86 0.41 -0.37	48.27 0.23 0.03	49.77 0.07 0.03	46.47 -0.05 0.00
GREENLWN_69_KV_BK 3 55738	53.32 1.82 0.00	52.17 1.98 0.00	47.11 1.82 0.00	40.41 1.47 0.00	41.13 1.42 0.00	40.58 1.44 0.00	42.93 1.58 0.00	45.57 1.48 0.00	45.43 1.75 0.00	40.93 1.91 0.00	41.97 2.41 0.00	47.48 2.98 -0.31	52.59 3.15 0.00	62.53 2.92 0.00	61.52 2.84 0.00	60.84 3.65 0.00	53.72 3.39 0.00	50.88 2.71 0.00	51.35 2.72 0.00	56.23 2.16 0.00	52.39 2.32 0.00	50.71 2.64 0.00	52.47 2.75 0.00	49.18 2.66 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	53.78 2.28 0.00	52.24 2.06 0.00	46.96 1.67 0.00	40.29 1.35 0.00	41.05 1.33 0.00	40.41 1.27 0.00	42.78 1.43 0.00	45.64 1.55 0.00	45.34 1.67 0.00	40.81 1.79 0.00	41.62 2.06 0.00	46.71 2.53 0.00	52.20 2.76 0.00	62.92 3.31 0.00	62.14 3.45 0.00	60.91 3.72 0.00	53.41 3.08 0.00	50.50 2.32 0.00	50.78 2.16 0.00	56.11 2.04 0.00	52.06 1.99 0.00	50.17 2.10 0.00	52.02 2.30 0.00	48.68 2.16 0.00
GRISSOM___SOLAR 323813	53.77 2.27 0.00	52.33 2.14 0.00	47.16 1.87 0.00	40.49 1.55 0.00	41.23 1.51 0.00	40.60 1.46 0.00	42.91 1.56 0.00	45.49 1.40 0.00	44.04 0.37 0.00	38.85 -0.16 0.00	39.45 -0.10 0.00	44.09 -0.10 0.00	49.90 0.46 0.00	60.03 0.41 0.00	59.71 1.01 0.00	57.63 0.44 0.00	51.41 1.08 0.00	49.69 1.51 0.00	50.58 1.96 0.00	56.71 2.64 0.00	52.56 2.49 0.00	50.36 2.29 0.00	51.95 2.23 0.00	48.47 1.95 0.00
GROVEVILLE___HYD 323602	53.59 2.09 0.00	52.08 1.89 0.00	46.83 1.54 0.00	40.22 1.28 0.00	40.99 1.27 0.00	40.36 1.22 0.00	42.67 1.32 0.00	45.51 1.42 0.00	45.17 1.49 0.00	40.55 1.54 0.00	41.33 1.77 0.00	46.38 2.19 0.00	51.96 2.52 0.00	62.71 3.10 0.00	61.94 3.25 0.00	60.72 3.53 0.00	53.38 3.05 0.00	50.74 2.56 0.00	51.15 2.53 0.00	56.61 2.54 0.00	52.41 2.34 0.00	50.34 2.27 0.00	52.11 2.38 0.00	48.68 2.16 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	51.13 -0.38 0.00	49.79 -0.40 0.00	44.97 -0.31 0.00	38.63 -0.30 0.00	39.41 -0.31 0.00	38.85 -0.29 0.00	40.97 -0.38 0.00	43.68 -0.41 0.00	43.19 -0.49 0.00	38.52 -0.49 0.00	39.11 -0.45 0.00	43.64 -0.54 0.00	48.76 -0.68 0.00	58.81 -0.80 0.00	57.87 -0.82 0.00	56.35 -0.83 0.00	49.62 -0.71 0.00	47.69 -0.49 0.00	48.32 -0.31 0.00	53.83 -0.24 0.00	49.74 -0.32 0.00	47.67 -0.40 0.00	49.23 -0.50 0.00	46.05 -0.47 0.00

HAMLTNNY_34_KV_TB 80303	51.30 -0.20 0.00	49.95 -0.24 0.00	45.10 -0.19 0.00	38.71 -0.23 0.00	39.50 -0.23 0.00	38.93 -0.20 0.00	41.04 -0.31 0.00	43.76 -0.33 0.00	43.20 -0.48 0.00	38.46 -0.55 0.00	39.16 -0.40 0.00	43.58 -0.60 0.00	48.79 -0.65 0.00	58.75 -0.87 0.00	57.85 -0.84 0.00	56.25 -0.94 0.00	49.59 -0.74 0.00	47.64 -0.53 0.00	48.36 -0.27 0.00	53.97 -0.10 0.00	49.86 -0.21 0.00	47.75 -0.31 0.00	49.31 -0.41 0.00	46.12 -0.40 0.00
HAMPSHIRE___PAPER_HYD 323593	52.67 1.17 0.00	51.21 1.02 0.00	46.14 0.86 0.00	39.70 0.76 0.00	40.50 0.78 0.00	39.96 0.83 0.00	42.31 0.96 0.00	45.09 1.00 0.00	44.66 0.99 0.00	39.94 0.92 0.00	40.45 0.89 0.00	44.87 0.68 0.00	50.09 0.64 0.00	60.04 0.42 0.00	58.82 0.13 0.00	57.28 0.09 0.00	50.82 0.49 0.00	48.88 0.70 0.00	49.63 1.02 0.00	55.45 1.38 0.00	51.38 1.31 0.00	49.41 1.35 0.00	51.04 1.32 0.00	47.62 1.10 0.00
HARDSCRABBLE_WT_PWR 323673	52.10 0.60 0.00	50.87 0.68 0.00	45.87 0.58 0.00	39.41 0.46 0.00	40.17 0.45 0.00	39.60 0.46 0.00	41.73 0.38 0.00	44.35 0.26 0.00	43.44 -0.24 0.00	38.49 -0.53 0.00	38.87 -0.68 0.00	43.61 -0.58 0.00	49.16 -0.29 0.00	59.34 -0.27 0.00	59.03 0.34 0.00	57.31 0.12 0.00	50.80 0.47 0.00	48.63 0.45 0.00	49.37 0.75 0.00	54.94 0.87 0.00	50.86 0.79 0.00	48.98 0.91 0.00	50.75 1.03 0.00	47.48 0.96 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	53.41 1.91 0.00	51.85 1.67 0.00	46.60 1.32 0.00	40.02 1.08 0.00	40.77 1.05 0.00	40.14 1.00 0.00	42.49 1.14 0.00	45.31 1.22 0.00	44.99 1.31 0.00	40.41 1.40 0.00	41.18 1.62 0.00	46.22 2.03 0.00	51.84 2.40 0.00	62.57 2.96 0.00	61.82 3.13 0.00	60.51 3.32 0.00	53.20 2.88 0.00	50.52 2.34 0.00	50.97 2.34 0.00	56.44 2.37 0.00	52.22 2.16 0.00	50.13 2.06 0.00	51.89 2.16 0.00	48.49 1.97 0.00
HARSNRAD_115KV_TB1 81005	50.59 -0.92 0.00	49.10 -1.09 0.00	43.85 -1.44 0.00	37.71 -1.23 0.00	38.51 -1.21 0.00	37.87 -1.26 0.00	39.60 -1.75 0.00	42.49 -1.60 0.00	42.17 -1.50 0.00	37.60 -1.42 0.00	38.07 -1.49 0.00	42.59 -1.60 0.00	47.76 -1.68 0.00	57.32 -2.30 0.00	56.05 -2.63 0.00	53.63 -3.55 0.00	47.40 -2.93 0.00	45.91 -2.27 0.00	46.28 -2.34 0.00	52.05 -2.02 0.00	47.64 -2.43 0.00	45.54 -2.48 0.05	47.04 -2.64 0.05	44.03 -2.49 0.00
HARZA MOOSE___RIVER 24016	52.90 1.40 0.00	51.44 1.26 0.00	46.38 1.09 0.00	39.87 0.94 0.00	40.67 0.95 0.00	40.12 0.98 0.00	42.37 1.02 0.00	45.13 1.04 0.00	44.64 0.96 0.00	39.87 0.85 0.00	40.37 0.81 0.00	44.93 0.75 0.00	50.12 0.67 0.00	60.23 0.61 0.00	59.24 0.55 0.00	57.73 0.55 0.00	51.04 0.71 0.00	49.13 0.95 0.00	49.99 1.37 0.00	55.85 1.78 0.00	51.70 1.63 0.00	49.75 1.68 0.00	51.38 1.65 0.00	47.92 1.40 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	50.80 -0.70 0.00	49.49 -0.70 0.00	44.70 -0.59 0.00	38.43 -0.51 0.00	39.18 -0.54 0.00	38.61 -0.52 0.00	40.72 -0.63 0.00	43.42 -0.67 0.00	42.94 -0.73 0.00	38.37 -0.64 0.00	38.93 -0.62 0.00	43.49 -0.70 0.00	48.56 -0.88 0.00	58.57 -1.05 0.00	57.63 -1.06 0.00	56.12 -1.07 0.00	49.41 -0.92 0.00	47.44 -0.74 0.00	48.01 -0.61 0.00	53.50 -0.58 0.00	49.40 -0.67 0.00	47.34 -0.71 0.02	48.88 -0.82 0.02	45.75 -0.77 0.00
HELLGATE_13_KV_LD 55870	53.98 2.49 0.00	52.49 2.30 0.00	47.20 1.92 0.00	40.52 1.58 0.00	41.28 1.55 0.00	40.64 1.50 0.00	43.01 1.66 0.00	45.90 1.81 0.00	45.62 1.94 0.00	41.05 2.04 0.00	41.89 2.34 0.00	46.99 2.81 0.00	52.49 3.05 0.00	63.26 3.65 0.00	62.47 3.78 0.00	61.21 4.02 0.00	53.68 3.35 0.00	50.79 2.61 0.00	51.06 2.44 0.00	56.45 2.38 0.00	52.34 2.28 0.00	50.44 2.37 0.00	52.28 2.56 0.00	48.93 2.41 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	53.98 2.49 0.00	52.49 2.30 0.00	47.20 1.92 0.00	40.52 1.58 0.00	41.28 1.55 0.00	40.64 1.50 0.00	43.01 1.66 0.00	45.90 1.81 0.00	45.62 1.94 0.00	41.05 2.04 0.00	41.89 2.34 0.00	46.99 2.81 0.00	52.49 3.05 0.00	63.26 3.65 0.00	62.47 3.78 0.00	61.21 4.02 0.00	53.68 3.35 0.00	50.79 2.61 0.00	51.06 2.44 0.00	56.45 2.38 0.00	52.34 2.28 0.00	50.44 2.37 0.00	52.28 2.56 0.00	48.93 2.41 0.00
HEMPSTEAD___ 23647	53.58 2.08 0.00	52.22 2.03 0.00	47.05 1.76 0.00	40.38 1.44 0.00	41.11 1.39 0.00	40.52 1.38 0.00	42.87 1.52 0.00	45.59 1.50 0.00	45.42 1.74 0.00	40.90 1.89 0.00	41.90 2.35 0.00	47.37 2.87 -0.31	52.56 3.12 0.00	62.86 3.24 0.00	61.92 3.24 0.00	61.02 3.83 0.00	53.77 3.44 0.00	50.94 2.76 0.00	51.36 2.74 0.00	56.52 2.45 0.00	52.51 2.44 0.00	50.69 2.62 0.00	52.41 2.69 0.00	49.07 2.55 0.00
HICKLING___1 23621	51.52 0.02 0.00	49.99 -0.20 0.00	44.81 -0.47 0.00	38.57 -0.37 0.00	39.28 -0.44 0.00	38.83 -0.31 0.00	41.02 -0.34 0.00	43.70 -0.39 0.00	42.98 -0.70 0.00	38.29 -0.73 0.00	38.90 -0.66 0.00	43.49 -0.70 0.00	48.71 -0.73 0.00	58.79 -0.82 0.00	57.69 -1.00 0.00	56.29 -0.90 0.00	49.46 -0.87 0.00	47.66 -0.51 0.00	48.37 -0.25 0.00	54.51 0.44 0.00	49.96 -0.11 0.00	47.85 -0.19 0.02	49.39 -0.31 0.02	46.19 -0.32 0.00
HICKLING___2 23622	51.52 0.02 0.00	49.99 -0.20 0.00	44.81 -0.47 0.00	38.57 -0.37 0.00	39.28 -0.44 0.00	38.83 -0.31 0.00	41.02 -0.34 0.00	43.70 -0.39 0.00	42.98 -0.70 0.00	38.29 -0.73 0.00	38.90 -0.66 0.00	43.49 -0.70 0.00	48.71 -0.73 0.00	58.79 -0.82 0.00	57.69 -1.00 0.00	56.29 -0.90 0.00	49.46 -0.87 0.00	47.66 -0.51 0.00	48.37 -0.25 0.00	54.51 0.44 0.00	49.96 -0.11 0.00	47.85 -0.19 0.02	49.39 -0.31 0.02	46.19 -0.32 0.00
HIGH FALLS___HY 23754	53.53 2.03 0.00	51.98 1.79 0.00	46.70 1.42 0.00	40.09 1.16 0.00	40.84 1.12 0.00	40.21 1.07 0.00	42.58 1.22 0.00	45.42 1.33 0.00	45.12 1.44 0.00	40.42 1.41 0.00	41.16 1.60 0.00	46.20 2.02 0.00	51.79 2.35 0.00	62.39 2.77 0.00	61.73 3.04 0.00	60.53 3.34 0.00	53.29 2.97 0.00	50.76 2.58 0.00	51.18 2.56 0.00	56.66 2.59 0.00	52.44 2.37 0.00	50.34 2.27 0.00	52.07 2.34 0.00	48.62 2.10 0.00
HIGH_RIVER___SOLAR 323847	52.98 1.48 0.00	51.63 1.44 0.00	46.56 1.27 0.00	40.00 1.06 0.00	40.80 1.07 0.00	40.17 1.03 0.00	42.40 1.05 0.00	45.04 0.95 0.00	44.09 0.41 0.00	39.04 0.03 0.00	39.42 -0.13 0.00	44.23 0.05 0.00	49.87 0.43 0.00	60.07 0.46 0.00	59.57 0.88 0.00	57.54 0.35 0.00	51.18 0.85 0.00	49.21 1.03 0.00	49.99 1.36 0.00	55.76 1.69 0.00	51.70 1.63 0.00	49.59 1.52 0.00	51.27 1.54 0.00	47.91 1.39 0.00
HILLBURN___GT 23639	53.23 1.73 0.00	51.68 1.49 0.00	46.45 1.17 0.00	39.90 0.96 0.00	40.65 0.93 0.00	40.02 0.88 0.00	42.38 1.03 0.00	45.22 1.13 0.00	44.91 1.23 0.00	40.35 1.34 0.00	41.15 1.59 0.00	46.18 1.99 0.00	51.76 2.32 0.00	62.41 2.79 0.00	61.66 2.97 0.00	60.37 3.18 0.00	53.07 2.74 0.00	50.34 2.16 0.00	50.77 2.15 0.00	56.22 2.15 0.00	52.03 1.95 0.00	49.95 1.89 0.00	51.74 2.01 0.00	48.37 1.85 0.00

HILLSIDE_115KV_TB1 80332	50.67 -0.83 0.00	49.16 -1.03 0.00	44.09 -1.20 0.00	37.96 -0.98 0.00	38.67 -1.05 0.00	38.22 -0.92 0.00	40.44 -0.91 0.00	43.10 -0.99 0.00	42.45 -1.23 0.00	37.88 -1.14 0.00	38.52 -1.04 0.00	43.00 -1.19 0.00	48.15 -1.29 0.00	58.09 -1.52 0.00	57.07 -1.62 0.00	55.85 -1.33 0.00	48.99 -1.34 0.00	47.11 -1.07 0.00	47.72 -0.90 0.00	53.66 -0.41 0.00	49.24 -0.84 0.00	47.17 -0.87 0.02	48.72 -0.98 0.02	45.61 -0.92 0.00
HISHELDN_WT_PWR 323625	50.70 -0.47 0.33	47.22 -0.60 2.37	41.81 -0.89 2.58	36.17 -0.75 2.01	37.51 -0.79 1.42	36.95 -0.76 1.43	39.99 -1.21 0.15	42.92 -1.17 0.00	42.36 -1.32 0.00	37.47 -1.30 0.25	38.21 -1.34 0.00	41.36 -1.40 1.42	46.21 -1.37 1.86	55.68 -1.73 2.21	55.45 -2.11 1.13	54.32 -2.87 0.00	47.57 -2.38 0.39	44.50 -1.73 1.95	44.43 -1.63 2.56	51.23 -1.00 1.84	48.15 -1.55 0.36	46.43 -1.59 0.04	47.96 -1.73 0.04	44.86 -1.66 0.00
HOLTSVILLE_IC_1 23690	53.40 1.90 0.00	52.26 2.07 0.00	47.17 1.88 0.00	40.44 1.50 0.00	41.16 1.44 0.00	40.68 1.54 0.00	43.06 1.71 0.00	45.58 1.49 0.00	45.46 1.79 0.00	40.97 1.96 0.00	42.03 2.48 0.00	47.60 3.10 -0.31	52.75 3.31 0.00	62.61 3.00 0.00	61.64 2.95 0.00	61.07 3.88 0.00	53.95 3.63 0.00	51.09 2.91 0.00	51.59 2.97 0.00	56.27 2.20 0.00	52.57 2.50 0.00	50.94 2.87 0.00	52.70 2.98 0.00	49.35 2.83 0.00
HOLTSVILLE_IC_10 23699	53.65 2.15 0.00	52.50 2.32 0.00	47.38 2.09 0.00	40.60 1.66 0.00	41.32 1.60 0.00	40.84 1.71 0.00	43.26 1.90 0.00	45.77 1.68 0.00	45.66 1.99 0.00	41.15 2.13 0.00	42.23 2.68 0.00	47.83 3.34 -0.31	53.06 3.62 0.00	62.98 3.36 0.00	62.04 3.35 0.00	61.49 4.30 0.00	54.35 4.02 0.00	51.43 3.26 0.00	51.96 3.33 0.00	56.62 2.55 0.00	52.90 2.83 0.00	51.24 3.17 0.00	53.00 3.27 0.00	49.59 3.07 0.00
HOLTSVILLE_IC_2 23691	53.40 1.90 0.00	52.26 2.07 0.00	47.17 1.88 0.00	40.44 1.50 0.00	41.16 1.44 0.00	40.68 1.54 0.00	43.06 1.71 0.00	45.58 1.49 0.00	45.46 1.79 0.00	40.97 1.96 0.00	42.03 2.48 0.00	47.60 3.10 -0.31	52.75 3.31 0.00	62.61 3.00 0.00	61.64 2.95 0.00	61.07 3.88 0.00	53.95 3.63 0.00	51.09 2.91 0.00	51.59 2.97 0.00	56.27 2.20 0.00	52.57 2.50 0.00	50.94 2.87 0.00	52.70 2.98 0.00	49.35 2.83 0.00
HOLTSVILLE_IC_3 23692	53.40 1.90 0.00	52.26 2.07 0.00	47.17 1.88 0.00	40.44 1.50 0.00	41.16 1.44 0.00	40.68 1.54 0.00	43.06 1.71 0.00	45.58 1.49 0.00	45.46 1.79 0.00	40.97 1.96 0.00	42.03 2.48 0.00	47.60 3.10 -0.31	52.75 3.31 0.00	62.61 3.00 0.00	61.64 2.95 0.00	61.07 3.88 0.00	53.95 3.63 0.00	51.09 2.91 0.00	51.59 2.97 0.00	56.27 2.20 0.00	52.57 2.50 0.00	50.94 2.87 0.00	52.70 2.98 0.00	49.35 2.83 0.00
HOLTSVILLE_IC_4 23693	53.40 1.90 0.00	52.26 2.07 0.00	47.17 1.88 0.00	40.44 1.50 0.00	41.16 1.44 0.00	40.68 1.54 0.00	43.06 1.71 0.00	45.58 1.49 0.00	45.46 1.79 0.00	40.97 1.96 0.00	42.03 2.48 0.00	47.60 3.10 -0.31	52.75 3.31 0.00	62.61 3.00 0.00	61.64 2.95 0.00	61.07 3.88 0.00	53.95 3.63 0.00	51.09 2.91 0.00	51.59 2.97 0.00	56.27 2.20 0.00	52.57 2.50 0.00	50.94 2.87 0.00	52.70 2.98 0.00	49.35 2.83 0.00
HOLTSVILLE_IC_5 23694	53.40 1.90 0.00	52.26 2.07 0.00	47.17 1.88 0.00	40.44 1.50 0.00	41.16 1.44 0.00	40.68 1.54 0.00	43.06 1.71 0.00	45.58 1.49 0.00	45.46 1.79 0.00	40.97 1.96 0.00	42.03 2.48 0.00	47.60 3.10 -0.31	52.75 3.31 0.00	62.61 3.00 0.00	61.64 2.95 0.00	61.07 3.88 0.00	53.95 3.63 0.00	51.09 2.91 0.00	51.59 2.97 0.00	56.27 2.20 0.00	52.57 2.50 0.00	50.94 2.87 0.00	52.70 2.98 0.00	49.35 2.83 0.00
HOLTSVILLE_IC_6 23695	53.65 2.15 0.00	52.50 2.32 0.00	47.38 2.09 0.00	40.60 1.66 0.00	41.32 1.60 0.00	40.84 1.71 0.00	43.26 1.90 0.00	45.77 1.68 0.00	45.66 1.99 0.00	41.15 2.13 0.00	42.23 2.68 0.00	47.83 3.34 -0.31	53.06 3.62 0.00	62.98 3.36 0.00	62.04 3.35 0.00	61.49 4.30 0.00	54.35 4.02 0.00	51.43 3.26 0.00	51.96 3.33 0.00	56.62 2.55 0.00	52.90 2.83 0.00	51.24 3.17 0.00	53.00 3.27 0.00	49.59 3.07 0.00
HOLTSVILLE_IC_7 23696	53.65 2.15 0.00	52.50 2.32 0.00	47.38 2.09 0.00	40.60 1.66 0.00	41.32 1.60 0.00	40.84 1.71 0.00	43.26 1.90 0.00	45.77 1.68 0.00	45.66 1.99 0.00	41.15 2.13 0.00	42.23 2.68 0.00	47.83 3.34 -0.31	53.06 3.62 0.00	62.98 3.36 0.00	62.04 3.35 0.00	61.49 4.30 0.00	54.35 4.02 0.00	51.43 3.26 0.00	51.96 3.33 0.00	56.62 2.55 0.00	52.90 2.83 0.00	51.24 3.17 0.00	53.00 3.27 0.00	49.59 3.07 0.00
HOLTSVILLE_IC_8 23697	53.65 2.15 0.00	52.50 2.32 0.00	47.38 2.09 0.00	40.60 1.66 0.00	41.32 1.60 0.00	40.84 1.71 0.00	43.26 1.90 0.00	45.77 1.68 0.00	45.66 1.99 0.00	41.15 2.13 0.00	42.23 2.68 0.00	47.83 3.34 -0.31	53.06 3.62 0.00	62.98 3.36 0.00	62.04 3.35 0.00	61.49 4.30 0.00	54.35 4.02 0.00	51.43 3.26 0.00	51.96 3.33 0.00	56.62 2.55 0.00	52.90 2.83 0.00	51.24 3.17 0.00	53.00 3.27 0.00	49.59 3.07 0.00
HOLTSVILLE_IC_9 23698	53.65 2.15 0.00	52.50 2.32 0.00	47.38 2.09 0.00	40.60 1.66 0.00	41.32 1.60 0.00	40.84 1.71 0.00	43.26 1.90 0.00	45.77 1.68 0.00	45.66 1.99 0.00	41.15 2.13 0.00	42.23 2.68 0.00	47.83 3.34 -0.31	53.06 3.62 0.00	62.98 3.36 0.00	62.04 3.35 0.00	61.49 4.30 0.00	54.35 4.02 0.00	51.43 3.26 0.00	51.96 3.33 0.00	56.62 2.55 0.00	52.90 2.83 0.00	51.24 3.17 0.00	53.00 3.27 0.00	49.59 3.07 0.00
HOMER_HL_115KV_TB2 355744	51.12 -0.38 0.00	49.54 -0.65 0.00	44.29 -1.00 0.00	38.23 -0.71 0.00	38.95 -0.78 0.00	38.60 -0.54 0.00	40.86 -0.49 0.00	43.60 -0.49 0.00	43.00 -0.68 0.00	38.35 -0.67 0.00	39.03 -0.52 0.00	43.27 -0.91 0.00	48.37 -1.08 0.00	58.56 -1.06 0.00	57.66 -1.03 0.00	55.85 -1.33 0.00	49.11 -1.22 0.00	47.11 -1.06 0.00	47.78 -0.85 0.00	54.03 -0.05 0.00	49.40 -0.67 0.00	47.11 -0.92 0.04	48.77 -0.92 0.04	45.61 -0.91 0.00
HOWARD_WT_PWR 323690	52.09 0.46 -0.12	51.43 0.34 -0.89	46.25 -0.01 -0.97	39.61 -0.09 -0.76	40.08 -0.18 -0.54	39.80 0.12 -0.54	41.36 -0.05 -0.06	43.99 -0.10 0.00	43.04 -0.64 0.00	38.11 -1.00 -0.09	38.50 -1.05 0.00	43.52 -1.20 -0.54	49.02 -1.12 -0.70	59.47 -0.98 -0.83	57.78 -1.34 -0.43	55.43 -1.75 0.00	48.91 -1.56 -0.14	47.98 -0.93 -0.73	49.06 -0.53 -0.97	55.33 0.57 -0.69	50.13 -0.08 -0.14	47.99 -0.04 0.03	49.55 -0.15 0.03	46.25 -0.27 0.00
HQ_GEN_CEDARS 23644	52.11 0.61 0.00	50.71 0.53 0.00	45.70 0.42 0.00	39.37 0.43 0.00	40.13 0.41 0.00	39.62 0.48 0.00	42.02 0.67 0.00	44.81 0.72 0.00	44.47 0.80 0.00	39.65 0.63 0.00	40.17 0.61 0.00	44.65 0.46 0.00	50.01 0.57 0.00	60.20 0.58 0.00	59.04 0.35 0.00	57.42 0.23 0.00	50.82 0.49 0.00	48.68 0.50 0.00	48.97 0.35 0.00	54.58 0.51 0.00	50.59 0.52 0.00	48.51 0.44 0.00	50.14 0.41 0.00	46.89 0.37 0.00

HQ_GEN_CEDARS_PROXY 323590	52.11 0.61 0.00	50.71 0.53 0.00	45.70 0.41 0.00	39.36 0.42 0.00	40.13 0.41 0.00	39.62 0.48 0.00	41.31 0.67 0.72	42.48 0.72 2.33	42.54 0.80 1.93	39.64 0.63 0.00	40.17 0.61 0.00	42.82 0.46 1.83	50.01 0.57 0.00	60.20 0.58 0.00	59.03 0.35 0.00	57.42 0.23 0.00	50.82 0.49 0.00	48.68 0.50 0.00	48.97 0.35 0.00	54.58 0.51 0.00	50.59 0.52 0.00	48.51 0.44 0.00	50.14 0.41 0.00	46.89 0.37 0.00
HQ_GEN_CHPE_PROXY 323851	53.49 2.12 0.13	50.91 1.90 1.19	46.83 1.54 0.00	40.21 1.27 0.00	40.96 1.24 0.00	40.33 1.19 0.00	42.69 1.34 0.00	45.53 1.44 0.00	45.25 1.57 0.00	40.72 1.70 0.00	41.54 1.98 0.00	46.62 2.44 0.00	53.37 2.68 -1.25	62.79 3.18 0.00	62.01 3.33 0.00	60.75 3.57 0.00	55.00 2.91 -1.76	50.35 2.17 0.00	50.63 2.01 0.00	55.92 1.85 0.01	51.82 1.75 0.00	50.12 1.95 -0.11	51.93 2.20 0.00	48.60 2.08 0.00
HQ_GEN_IMPORT 323601	51.68 0.31 0.13	49.27 0.26 1.19	45.50 0.22 0.00	39.13 0.20 0.00	39.91 0.19 0.00	39.35 0.21 0.00	41.66 0.31 0.00	44.43 0.34 0.00	44.07 0.39 0.00	39.31 0.30 0.00	39.83 0.27 0.00	44.43 0.24 0.00	50.99 0.30 -1.25	59.98 0.36 0.00	58.96 0.27 0.00	57.38 0.20 0.00	52.33 0.24 -1.76	48.43 0.25 0.00	48.80 0.18 0.00	54.31 0.24 0.00	50.31 0.24 0.00	48.39 0.21 -0.11	49.94 0.21 0.00	46.72 0.20 0.00
HQ_GEN_WHEEL 23651	51.68 0.31 0.13	49.27 0.26 1.19	45.50 0.22 0.00	39.13 0.20 0.00	39.91 0.19 0.00	39.35 0.21 0.00	41.66 0.31 0.00	44.43 0.34 0.00	44.07 0.39 0.00	39.31 0.30 0.00	39.83 0.27 0.00	44.43 0.24 0.00	50.99 0.30 -1.25	59.98 0.36 0.00	58.96 0.27 0.00	57.38 0.20 0.00	52.33 0.24 -1.76	48.43 0.25 0.00	48.80 0.18 0.00	54.31 0.24 0.00	50.31 0.24 0.00	48.39 0.21 -0.11	49.94 0.21 0.00	46.72 0.20 0.00
HUDSON AVE_GT_3 23810	53.80 2.30 0.00	52.26 2.07 0.00	46.96 1.67 0.00	40.32 1.38 0.00	41.07 1.35 0.00	40.44 1.30 0.00	42.81 1.45 0.00	45.66 1.57 0.00	45.38 1.70 0.00	40.84 1.82 0.00	41.67 2.11 0.00	46.78 2.59 0.00	52.29 2.85 0.00	63.00 3.38 0.00	62.21 3.52 0.00	60.94 3.76 0.00	53.45 3.12 0.00	50.56 2.39 0.00	50.86 2.24 0.00	56.17 2.11 0.00	52.05 1.98 0.00	50.17 2.11 0.00	52.07 2.35 0.00	48.72 2.20 0.00
HUDSON AVE_GT_4 23540	53.80 2.30 0.00	52.26 2.07 0.00	46.96 1.67 0.00	40.32 1.38 0.00	41.07 1.35 0.00	40.44 1.30 0.00	42.81 1.45 0.00	45.66 1.57 0.00	45.38 1.70 0.00	40.84 1.82 0.00	41.67 2.11 0.00	46.78 2.59 0.00	52.29 2.85 0.00	63.00 3.38 0.00	62.21 3.52 0.00	60.94 3.76 0.00	53.45 3.12 0.00	50.56 2.39 0.00	50.86 2.24 0.00	56.17 2.11 0.00	52.05 1.98 0.00	50.17 2.11 0.00	52.07 2.35 0.00	48.72 2.20 0.00
HUDSON AVE_GT_5 23657	53.80 2.30 0.00	52.26 2.07 0.00	46.96 1.67 0.00	40.32 1.38 0.00	41.07 1.35 0.00	40.44 1.30 0.00	42.81 1.45 0.00	45.66 1.57 0.00	45.38 1.70 0.00	40.84 1.82 0.00	41.67 2.11 0.00	46.78 2.59 0.00	52.29 2.85 0.00	63.00 3.38 0.00	62.21 3.52 0.00	60.94 3.76 0.00	53.45 3.12 0.00	50.56 2.39 0.00	50.86 2.24 0.00	56.17 2.11 0.00	52.05 1.98 0.00	50.17 2.11 0.00	52.07 2.35 0.00	48.72 2.20 0.00
HUDSON_AVE_10 24168	53.53 2.03 0.00	52.02 1.83 0.00	46.77 1.48 0.00	40.15 1.21 0.00	40.90 1.18 0.00	40.27 1.13 0.00	42.62 1.27 0.00	45.47 1.38 0.00	45.19 1.51 0.00	40.66 1.64 0.00	41.46 1.90 0.00	46.54 2.35 0.00	52.02 2.58 0.00	62.69 3.08 0.00	61.90 3.21 0.00	60.62 3.43 0.00	53.13 2.81 0.00	50.27 2.09 0.00	50.57 1.95 0.00	55.81 1.75 0.01	51.71 1.65 0.01	49.87 1.81 0.01	51.86 2.13 0.00	48.51 1.99 0.00
HUDSON___115KV_TB 4 355613	52.56 1.05 0.00	51.32 1.13 0.00	46.27 0.98 0.00	39.77 0.83 0.00	40.64 0.92 0.00	40.03 0.89 0.00	42.19 0.84 0.00	44.93 0.84 0.00	44.34 0.66 0.00	39.46 0.44 0.00	39.94 0.38 0.00	44.70 0.51 0.00	50.18 0.74 0.00	60.55 0.94 0.00	59.81 1.12 0.00	58.47 1.29 0.00	51.65 1.32 0.00	49.42 1.25 0.00	49.84 1.22 0.00	55.57 1.49 0.00	51.54 1.47 0.00	49.48 1.41 0.00	51.20 1.47 0.00	47.80 1.28 0.00
HUNTER MOUNT___DRP 323613	52.78 1.28 0.00	51.52 1.34 0.00	46.46 1.17 0.00	39.92 0.98 0.00	40.80 1.08 0.00	40.19 1.05 0.00	42.36 1.01 0.00	45.14 1.05 0.00	44.55 0.88 0.00	39.62 0.60 0.00	40.09 0.53 0.00	44.87 0.68 0.00	50.43 0.99 0.00	60.86 1.24 0.00	60.16 1.47 0.00	58.82 1.64 0.00	51.99 1.66 0.00	49.73 1.55 0.00	50.15 1.52 0.00	55.89 1.82 0.00	51.85 1.78 0.00	49.74 1.67 0.00	51.44 1.72 0.00	48.01 1.49 0.00
HUNTINGTON_RES_REC 323705	53.49 1.99 0.00	52.33 2.14 0.00	47.23 1.94 0.00	40.49 1.56 0.00	41.22 1.50 0.00	40.70 1.56 0.00	43.06 1.71 0.00	45.66 1.56 0.00	45.54 1.87 0.00	41.05 2.03 0.00	42.12 2.56 0.00	47.69 3.20 -0.31	52.83 3.39 0.00	62.76 3.14 0.00	61.83 3.14 0.00	61.25 4.06 0.00	54.10 3.77 0.00	51.23 3.05 0.00	51.70 3.07 0.00	56.45 2.38 0.00	52.66 2.59 0.00	50.98 2.91 0.00	52.74 3.01 0.00	49.39 2.87 0.00
HUNTLEY___63 23557	50.87 -0.63 0.00	49.42 -0.76 0.00	44.22 -1.07 0.00	38.03 -0.91 0.00	38.84 -0.88 0.00	38.21 -0.93 0.00	39.89 -1.46 0.00	42.77 -1.33 0.00	42.48 -1.20 0.00	37.93 -1.08 0.00	38.42 -1.14 0.00	43.03 -1.16 0.00	48.17 -1.27 0.00	57.76 -1.86 0.00	56.55 -2.14 0.00	54.15 -3.03 0.00	47.89 -2.44 0.00	46.36 -1.81 0.00	46.67 -1.95 0.00	52.47 -1.60 0.00	48.04 -2.03 0.00	45.83 -2.19 0.05	47.34 -2.35 0.04	44.37 -2.16 0.00
HUNTLEY___64 23558	50.87 -0.63 0.00	49.42 -0.76 0.00	44.22 -1.07 0.00	38.03 -0.91 0.00	38.84 -0.88 0.00	38.21 -0.93 0.00	39.89 -1.46 0.00	42.77 -1.33 0.00	42.48 -1.20 0.00	37.93 -1.08 0.00	38.42 -1.14 0.00	43.03 -1.16 0.00	48.17 -1.27 0.00	57.76 -1.86 0.00	56.55 -2.14 0.00	54.15 -3.03 0.00	47.89 -2.44 0.00	46.36 -1.81 0.00	46.67 -1.95 0.00	52.47 -1.60 0.00	48.04 -2.03 0.00	45.83 -2.19 0.05	47.34 -2.35 0.04	44.37 -2.16 0.00
HUNTLEY___65 23559	50.87 -0.63 0.00	49.42 -0.76 0.00	44.22 -1.07 0.00	38.03 -0.91 0.00	38.84 -0.88 0.00	38.21 -0.93 0.00	39.89 -1.46 0.00	42.77 -1.33 0.00	42.48 -1.20 0.00	37.93 -1.08 0.00	38.42 -1.14 0.00	43.03 -1.16 0.00	48.17 -1.27 0.00	57.76 -1.86 0.00	56.55 -2.14 0.00	54.15 -3.03 0.00	47.89 -2.44 0.00	46.36 -1.81 0.00	46.67 -1.95 0.00	52.47 -1.60 0.00	48.04 -2.03 0.00	45.83 -2.19 0.05	47.34 -2.35 0.04	44.37 -2.16 0.00
HUNTLEY___66 23560	50.87 -0.63 0.00	49.42 -0.76 0.00	44.22 -1.07 0.00	38.03 -0.91 0.00	38.84 -0.88 0.00	38.21 -0.93 0.00	39.89 -1.46 0.00	42.77 -1.33 0.00	42.48 -1.20 0.00	37.93 -1.08 0.00	38.42 -1.14 0.00	43.03 -1.16 0.00	48.17 -1.27 0.00	57.76 -1.86 0.00	56.55 -2.14 0.00	54.15 -3.03 0.00	47.89 -2.44 0.00	46.36 -1.81 0.00	46.67 -1.95 0.00	52.47 -1.60 0.00	48.04 -2.03 0.00	45.83 -2.19 0.05	47.34 -2.35 0.04	44.37 -2.16 0.00

HUNTLEY___67 23561	50.63 -0.87 0.00	49.19 -1.00 0.00	44.04 -1.25 0.00	37.87 -1.07 0.00	38.67 -1.05 0.00	38.05 -1.08 0.00	39.69 -1.66 0.00	42.54 -1.55 0.00	42.23 -1.45 0.00	37.75 -1.26 0.00	38.22 -1.34 0.00	42.87 -1.32 0.00	48.12 -1.32 0.00	57.76 -1.86 0.00	56.43 -2.26 0.00	53.97 -3.21 0.00	47.76 -2.57 0.00	46.26 -1.92 0.00	46.56 -2.07 0.00	52.32 -1.75 0.00	47.85 -2.22 0.00	45.74 -2.28 0.05	47.24 -2.45 0.04	44.23 -2.29 0.00
HUNTLEY___68 23562	50.63 -0.87 0.00	49.19 -1.00 0.00	44.04 -1.25 0.00	37.87 -1.07 0.00	38.67 -1.05 0.00	38.05 -1.08 0.00	39.69 -1.66 0.00	42.54 -1.55 0.00	42.23 -1.45 0.00	37.75 -1.26 0.00	38.22 -1.34 0.00	42.87 -1.32 0.00	48.12 -1.32 0.00	57.76 -1.86 0.00	56.43 -2.26 0.00	53.97 -3.21 0.00	47.76 -2.57 0.00	46.26 -1.92 0.00	46.56 -2.07 0.00	52.32 -1.75 0.00	47.85 -2.22 0.00	45.74 -2.28 0.05	47.24 -2.45 0.04	44.23 -2.29 0.00
HYLAND___LFGE 323620	53.84 2.34 0.00	52.26 2.07 0.00	46.82 1.54 0.00	40.20 1.26 0.00	40.96 1.23 0.00	40.42 1.28 0.00	42.44 1.09 0.00	45.31 1.22 0.00	44.14 0.46 0.00	38.69 -0.33 0.00	39.54 -0.02 0.00	44.05 -0.14 0.00	49.34 -0.10 0.00	59.73 0.12 0.00	58.76 0.07 0.00	57.03 -0.15 0.00	50.41 0.08 0.00	48.77 0.59 0.00	49.68 1.06 0.00	56.70 2.63 0.00	52.18 2.11 0.00	49.84 1.81 0.04	51.27 1.58 0.04	47.76 1.24 0.00
INDECK___CORINTH 23802	52.97 1.47 0.00	51.71 1.52 0.00	46.65 1.37 0.00	40.02 1.09 0.00	40.85 1.13 0.00	40.25 1.12 0.00	42.39 1.04 0.00	45.12 1.03 0.00	44.50 0.82 0.00	39.70 0.68 0.00	39.88 0.32 0.00	44.66 0.48 0.00	50.09 0.65 0.00	60.08 0.46 0.00	59.21 0.52 0.00	57.90 0.71 0.00	50.72 0.39 0.00	48.89 0.71 0.00	49.97 1.35 0.00	55.56 1.48 0.00	51.71 1.63 0.00	49.44 1.38 0.00	51.31 1.58 0.00	48.04 1.51 0.00
INDECK___ILION 23567	51.86 0.36 0.00	50.59 0.40 0.00	45.63 0.34 0.00	39.22 0.27 0.00	40.00 0.28 0.00	39.42 0.28 0.00	41.58 0.22 0.00	44.24 0.15 0.00	43.56 -0.12 0.00	38.76 -0.26 0.00	39.22 -0.34 0.00	43.91 -0.28 0.00	49.33 -0.11 0.00	59.53 -0.09 0.00	58.94 0.25 0.00	57.35 0.17 0.00	50.66 0.33 0.00	48.48 0.30 0.00	49.09 0.47 0.00	54.61 0.54 0.00	50.56 0.49 0.00	48.63 0.56 0.00	50.33 0.61 0.00	47.08 0.56 0.00
INDECK___OLEAN 23982	49.93 -0.40 1.17	41.13 -0.64 8.41	35.13 -0.99 9.17	31.09 -0.69 7.16	33.89 -0.77 5.06	33.52 -0.54 5.08	40.31 -0.49 0.55	43.60 -0.49 0.00	43.00 -0.68 0.00	37.48 -0.66 0.87	39.03 -0.52 0.00	38.22 -0.90 5.06	41.75 -1.07 6.63	50.73 -1.05 7.84	53.65 -1.03 4.02	55.85 -1.34 0.00	47.73 -1.23 1.37	40.20 -1.05 6.93	38.68 -0.84 9.11	47.49 -0.05 6.54	48.11 -0.67 1.29	47.12 -0.91 0.04	48.77 -0.92 0.04	45.60 -0.92 0.00
INDECK___OSWEGO 23783	50.26 -1.24 0.00	48.97 -1.22 0.00	44.29 -0.99 0.00	38.09 -0.85 0.00	38.84 -0.88 0.00	38.26 -0.87 0.00	40.38 -0.97 0.00	43.04 -1.05 0.00	42.57 -1.11 0.00	38.05 -0.96 0.00	38.57 -0.98 0.00	43.00 -1.19 0.00	47.95 -1.49 0.00	57.77 -1.85 0.00	56.85 -1.84 0.00	55.34 -1.84 0.00	48.73 -1.60 0.00	46.80 -1.38 0.00	47.40 -1.23 0.00	52.82 -1.25 0.00	48.84 -1.23 0.00	46.94 -1.19 -0.07	48.47 -1.31 -0.06	45.30 -1.22 0.00
INDECK___YERKES 23781	50.25 -0.62 0.63	44.96 -0.71 4.52	39.33 -1.03 4.93	34.24 -0.85 3.85	36.15 -0.85 2.72	35.52 -0.89 2.73	39.62 -1.44 0.30	42.81 -1.28 0.00	42.52 -1.16 0.00	37.51 -1.04 0.47	38.45 -1.11 0.00	40.34 -1.13 2.72	44.65 -1.23 3.57	53.59 -1.81 4.21	54.42 -2.11 2.16	54.17 -3.02 0.00	47.17 -2.42 0.74	42.69 -1.76 3.73	41.82 -1.90 4.90	48.99 -1.57 3.51	47.38 -2.00 0.69	45.87 -2.15 0.05	47.38 -2.31 0.04	44.39 -2.13 0.00
INDIAN POINT_GT_1 24139	53.20 1.70 0.00	51.70 1.51 0.00	46.47 1.18 0.00	39.92 0.98 0.00	40.68 0.95 0.00	40.05 0.91 0.00	42.38 1.03 0.00	45.19 1.10 0.00	44.90 1.22 0.00	40.35 1.33 0.00	41.13 1.58 0.00	46.16 1.98 0.00	51.70 2.26 0.00	62.31 2.69 0.00	61.54 2.85 0.00	60.28 3.09 0.00	52.94 2.61 0.00	50.21 2.03 0.00	50.60 1.98 0.00	55.98 1.90 0.00	51.84 1.77 0.00	49.85 1.78 0.00	51.66 1.93 0.00	48.32 1.80 0.00
INDIAN POINT_GT_2 23659	53.20 1.70 0.00	51.70 1.51 0.00	46.47 1.18 0.00	39.92 0.98 0.00	40.68 0.95 0.00	40.05 0.91 0.00	42.38 1.03 0.00	45.19 1.10 0.00	44.90 1.22 0.00	40.35 1.33 0.00	41.13 1.58 0.00	46.16 1.98 0.00	51.70 2.26 0.00	62.31 2.69 0.00	61.54 2.85 0.00	60.28 3.09 0.00	52.94 2.61 0.00	50.21 2.03 0.00	50.60 1.98 0.00	55.98 1.90 0.00	51.84 1.77 0.00	49.85 1.78 0.00	51.66 1.93 0.00	48.32 1.80 0.00
INDIAN POINT_GT_3 24019	53.20 1.70 0.00	51.70 1.51 0.00	46.47 1.18 0.00	39.92 0.98 0.00	40.68 0.95 0.00	40.05 0.91 0.00	42.38 1.03 0.00	45.19 1.10 0.00	44.90 1.22 0.00	40.35 1.33 0.00	41.13 1.58 0.00	46.16 1.98 0.00	51.70 2.26 0.00	62.31 2.69 0.00	61.54 2.85 0.00	60.28 3.09 0.00	52.94 2.61 0.00	50.21 2.03 0.00	50.60 1.98 0.00	55.98 1.90 0.00	51.84 1.77 0.00	49.85 1.78 0.00	51.66 1.93 0.00	48.32 1.80 0.00
INDIAN POINT___2 23530	53.16 1.66 0.00	51.64 1.45 0.00	46.42 1.13 0.00	39.88 0.94 0.00	40.64 0.91 0.00	40.00 0.86 0.00	42.35 1.00 0.00	45.17 1.08 0.00	44.87 1.19 0.00	40.31 1.30 0.00	41.10 1.54 0.00	46.12 1.94 0.00	51.65 2.21 0.00	62.25 2.64 0.00	61.50 2.81 0.00	60.23 3.05 0.00	52.90 2.58 0.00	50.18 2.00 0.00	50.59 1.96 0.00	55.96 1.89 0.00	51.83 1.76 0.00	49.82 1.75 0.00	51.63 1.91 0.00	48.30 1.78 0.00
INDIAN POINT___3 23531	53.15 1.65 0.00	51.65 1.46 0.00	46.45 1.16 0.00	39.89 0.95 0.00	40.65 0.93 0.00	40.02 0.88 0.00	42.36 1.00 0.00	45.17 1.08 0.00	44.87 1.19 0.00	40.31 1.30 0.00	41.09 1.54 0.00	46.13 1.94 0.00	51.66 2.22 0.00	62.26 2.64 0.00	61.49 2.80 0.00	60.23 3.05 0.00	52.90 2.57 0.00	50.17 1.99 0.00	50.56 1.94 0.00	55.95 1.88 0.00	51.82 1.75 0.00	49.82 1.75 0.00	51.64 1.91 0.00	48.30 1.78 0.00
INDIANHD_69_KV_BK1 55831	53.64 2.14 0.00	52.46 2.27 0.00	47.35 2.07 0.00	40.58 1.64 0.00	41.31 1.59 0.00	40.79 1.65 0.00	43.18 1.83 0.00	45.75 1.66 0.00	45.66 1.98 0.00	41.14 2.13 0.00	42.22 2.67 0.00	47.83 3.33 -0.31	53.03 3.59 0.00	62.98 3.36 0.00	62.04 3.35 0.00	61.47 4.29 0.00	54.32 3.99 0.00	51.42 3.24 0.00	51.90 3.27 0.00	56.63 2.56 0.00	52.84 2.77 0.00	51.16 3.09 0.00	52.92 3.20 0.00	49.53 3.01 0.00
INGHAM_C_115KV_TB7 356103	52.17 0.67 0.00	50.96 0.77 0.00	45.94 0.65 0.00	39.45 0.51 0.00	40.29 0.57 0.00	39.70 0.56 0.00	41.81 0.45 0.00	44.35 0.25 0.00	43.30 -0.37 0.00	38.27 -0.75 0.00	38.60 -0.96 0.00	43.34 -0.84 0.00	49.00 -0.44 0.00	59.15 -0.47 0.00	58.97 0.28 0.00	57.19 0.01 0.00	50.81 0.48 0.00	48.60 0.42 0.00	49.42 0.80 0.00	55.05 0.98 0.00	51.00 0.93 0.00	49.14 1.07 0.00	50.94 1.22 0.00	47.64 1.12 0.00

IP CORINTH___1 23988	53.27 1.77 0.00	52.00 1.81 0.00	46.88 1.59 0.00	40.24 1.30 0.00	41.06 1.34 0.00	40.46 1.32 0.00	42.60 1.25 0.00	45.36 1.27 0.00	44.74 1.06 0.00	39.90 0.88 0.00	40.08 0.52 0.00	44.89 0.71 0.00	50.35 0.91 0.00	60.40 0.78 0.00	59.55 0.85 0.00	58.20 1.01 0.00	51.00 0.67 0.00	49.16 0.99 0.00	50.24 1.61 0.00	55.85 1.78 0.00	51.98 1.92 0.00	49.72 1.65 0.00	51.60 1.87 0.00	48.30 1.78 0.00
IP___TICONDEROGA 23804	56.39 4.88 0.00	55.01 4.82 0.00	49.35 4.06 0.00	42.29 3.35 0.00	43.07 3.35 0.00	42.46 3.32 0.00	44.68 3.32 0.00	47.60 3.51 0.00	46.90 3.22 0.00	41.83 2.81 0.00	41.95 2.40 0.00	46.83 2.65 0.00	52.54 3.10 0.00	62.83 3.21 0.00	61.56 2.87 0.00	60.50 3.31 0.00	52.91 2.58 0.00	51.52 3.34 0.00	52.85 4.23 0.00	58.70 4.63 0.00	54.46 4.39 0.00	51.95 3.88 0.00	53.93 4.20 0.00	50.81 4.29 0.00
ISLIP_RES_REC 323679	53.90 2.40 0.00	52.73 2.54 0.00	47.57 2.28 0.00	40.76 1.82 0.00	41.48 1.76 0.00	41.00 1.87 0.00	43.42 2.07 0.00	45.94 1.85 0.00	45.85 2.17 0.00	41.32 2.30 0.00	42.42 2.86 0.00	48.07 3.57 -0.31	53.36 3.92 0.00	63.32 3.70 0.00	62.38 3.69 0.00	61.83 4.64 0.00	54.69 4.36 0.00	51.75 3.58 0.00	52.28 3.65 0.00	56.95 2.88 0.00	53.17 3.10 0.00	51.50 3.43 0.00	53.26 3.53 0.00	49.80 3.28 0.00
JAMAICA___27_KV_LOAD 355505	53.91 2.41 0.00	52.44 2.25 0.00	47.08 1.79 0.00	40.38 1.44 0.00	41.14 1.42 0.00	40.50 1.37 0.00	42.87 1.52 0.00	45.72 1.63 0.00	45.42 1.74 0.00	40.87 1.85 0.00	41.61 2.05 0.00	46.66 2.48 0.00	52.20 2.76 0.00	62.95 3.33 0.00	62.11 3.42 0.00	60.75 3.57 0.00	53.24 2.91 0.00	50.42 2.24 0.00	50.73 2.11 0.00	55.93 1.87 0.01	51.86 1.80 0.01	50.01 1.95 0.01	52.16 2.43 0.00	48.76 2.25 0.00
JANIS___SOLAR 323808	53.44 1.72 -0.22	53.36 1.62 -1.55	48.32 1.34 -1.69	41.34 1.09 -1.32	41.69 1.04 -0.93	41.14 1.07 -0.93	42.51 1.06 -0.10	45.14 1.05 0.00	44.37 0.69 0.00	39.31 0.14 -0.16	39.60 0.04 0.00	45.02 -0.10 -0.93	50.56 -0.10 -1.22	61.34 0.28 -1.44	59.53 0.10 -0.74	57.78 0.60 0.00	50.67 0.09 -0.25	50.54 1.09 -1.28	51.90 1.60 -1.68	57.60 2.32 -1.20	52.32 2.01 -0.24	49.69 1.63 0.01	51.37 1.65 0.01	48.01 1.49 0.00
JARVIS____ 23743	51.53 0.04 0.00	50.24 0.05 0.00	45.33 0.05 0.00	38.98 0.04 0.00	39.76 0.04 0.00	39.18 0.04 0.00	41.35 0.00 0.00	44.09 0.00 0.00	43.64 -0.03 0.00	38.99 -0.03 0.00	39.52 -0.04 0.00	44.17 -0.02 0.00	49.44 0.00 0.00	59.62 0.00 0.00	58.77 0.08 0.00	57.30 0.11 0.00	50.41 0.07 0.00	48.22 0.05 0.00	48.72 0.09 0.00	54.12 0.05 0.00	50.15 0.08 0.00	48.16 0.09 0.00	49.83 0.11 0.00	46.61 0.09 0.00
JENNISON___1 23625	53.12 1.62 0.00	51.84 1.65 0.00	46.60 1.32 0.00	40.00 1.06 0.00	40.69 0.97 0.00	40.08 0.94 0.00	42.24 0.89 0.00	44.94 0.85 0.00	44.68 1.00 0.00	39.67 0.66 0.00	40.04 0.49 0.00	44.77 0.58 0.00	50.17 0.73 0.00	60.88 1.26 0.00	59.80 1.11 0.00	58.62 1.43 0.00	51.14 0.81 0.00	49.56 1.39 0.00	50.24 1.62 0.00	56.47 2.40 0.00	52.05 1.98 0.00	49.62 1.56 0.01	51.47 1.75 0.01	48.08 1.56 0.00
JENNISON___2 23626	53.12 1.62 0.00	51.84 1.65 0.00	46.60 1.32 0.00	40.00 1.06 0.00	40.69 0.97 0.00	40.08 0.94 0.00	42.24 0.89 0.00	44.94 0.85 0.00	44.68 1.00 0.00	39.67 0.66 0.00	40.04 0.49 0.00	44.77 0.58 0.00	50.17 0.73 0.00	60.88 1.26 0.00	59.80 1.11 0.00	58.62 1.43 0.00	51.14 0.81 0.00	49.56 1.39 0.00	50.24 1.62 0.00	56.47 2.40 0.00	52.05 1.98 0.00	49.62 1.56 0.01	51.47 1.75 0.01	48.08 1.56 0.00
JERICHO_RISE_WT_PWR 323719	51.79 0.29 0.00	50.40 0.21 0.00	45.44 0.15 0.00	39.12 0.18 0.00	39.92 0.20 0.00	39.37 0.23 0.00	41.74 0.39 0.00	44.53 0.44 0.00	44.18 0.51 0.00	39.40 0.38 0.00	39.91 0.36 0.00	44.42 0.23 0.00	49.77 0.33 0.00	59.99 0.37 0.00	58.89 0.19 0.00	57.25 0.07 0.00	50.53 0.20 0.00	48.44 0.26 0.00	48.77 0.15 0.00	54.32 0.26 0.00	50.29 0.22 0.00	48.05 -0.02 0.00	49.75 0.03 0.00	46.58 0.06 0.00
KATONAH___115KV_46KV_TB4 355592	53.34 1.84 0.00	51.85 1.67 0.00	46.64 1.36 0.00	40.05 1.12 0.00	40.82 1.10 0.00	40.17 1.04 0.00	42.50 1.15 0.00	45.31 1.22 0.00	45.03 1.35 0.00	40.48 1.46 0.00	41.26 1.71 0.00	46.32 2.13 0.00	51.87 2.44 0.00	62.54 2.93 0.00	61.75 3.06 0.00	60.51 3.32 0.00	53.15 2.82 0.00	50.44 2.27 0.00	50.82 2.19 0.00	56.18 2.11 0.00	52.03 1.96 0.00	50.03 1.96 0.00	51.82 2.10 0.00	48.46 1.94 0.00
KCE_NY_1 323755	53.33 1.83 0.00	52.05 1.86 0.00	46.94 1.65 0.00	40.30 1.36 0.00	41.17 1.45 0.00	40.56 1.42 0.00	42.70 1.35 0.00	45.49 1.39 0.00	44.94 1.26 0.00	40.09 1.07 0.00	40.48 0.92 0.00	45.34 1.15 0.00	50.83 1.39 0.00	61.24 1.62 0.00	60.44 1.75 0.00	58.93 1.74 0.00	51.81 1.49 0.00	49.77 1.59 0.00	50.52 1.90 0.00	56.00 1.93 0.00	52.06 1.99 0.00	49.88 1.81 0.00	51.73 2.00 0.00	48.34 1.82 0.00
KCE_NY_6_ESR 323823	50.55 -0.27 0.68	44.89 -0.42 4.88	39.23 -0.73 5.32	34.17 -0.61 4.15	36.15 -0.64 2.94	35.51 -0.68 2.95	39.80 -1.24 0.32	42.98 -1.11 0.00	42.60 -1.08 0.00	37.60 -0.91 0.51	38.57 -0.99 0.00	40.36 -0.89 2.94	44.84 -0.76 3.85	53.96 -1.11 4.55	54.76 -1.60 2.33	54.68 -2.51 0.00	47.61 -1.93 0.80	42.92 -1.23 4.02	42.01 -1.33 5.29	49.40 -0.88 3.79	47.82 -1.50 0.75	46.43 -1.60 0.05	47.94 -1.75 0.04	44.82 -1.70 0.00
KEDC_PORT_JEFF_GT2 24210	53.52 2.02 0.00	52.39 2.20 0.00	47.27 1.99 0.00	40.52 1.58 0.00	41.24 1.52 0.00	40.76 1.63 0.00	43.17 1.82 0.00	45.68 1.58 0.00	45.58 1.90 0.00	41.08 2.07 0.00	42.16 2.61 0.00	47.75 3.25 -0.31	52.94 3.50 0.00	62.84 3.23 0.00	61.88 3.19 0.00	61.34 4.16 0.00	54.14 3.81 0.00	51.19 3.02 0.00	51.71 3.09 0.00	56.35 2.28 0.00	52.69 2.62 0.00	51.07 3.01 0.00	52.88 3.15 0.00	49.47 2.95 0.00
KEDC_PORT_JEFF_GT3 24211	53.52 2.02 0.00	52.39 2.20 0.00	47.27 1.99 0.00	40.52 1.58 0.00	41.24 1.52 0.00	40.76 1.63 0.00	43.17 1.82 0.00	45.68 1.58 0.00	45.58 1.90 0.00	41.08 2.07 0.00	42.16 2.61 0.00	47.75 3.25 -0.31	52.94 3.50 0.00	62.84 3.23 0.00	61.88 3.19 0.00	61.34 4.16 0.00	54.14 3.81 0.00	51.19 3.02 0.00	51.71 3.09 0.00	56.35 2.28 0.00	52.69 2.62 0.00	51.07 3.01 0.00	52.88 3.15 0.00	49.47 2.95 0.00
KEDC_GLWD_GT4 24219	53.80 2.31 0.00	52.36 2.17 0.00	47.13 1.84 0.00	40.46 1.53 0.00	41.19 1.47 0.00	40.59 1.45 0.00	42.95 1.59 0.00	45.72 1.63 0.00	45.52 1.84 0.00	40.98 1.96 0.00	41.95 2.40 0.00	47.44 2.94 -0.31	52.66 3.22 0.00	63.16 3.55 0.00	62.32 3.63 0.00	61.28 4.09 0.00	53.91 3.58 0.00	50.95 2.78 0.00	51.35 2.73 0.00	56.72 2.65 0.00	52.64 2.57 0.00	50.72 2.65 0.00	52.45 2.72 0.00	49.08 2.57 0.00

KEDC_GLWD_GT5 24220	53.80 2.31 0.00	52.36 2.17 0.00	47.13 1.84 0.00	40.46 1.53 0.00	41.19 1.47 0.00	40.59 1.45 0.00	42.95 1.59 0.00	45.72 1.63 0.00	45.52 1.84 0.00	40.98 1.96 0.00	41.95 2.40 0.00	47.44 2.94 -0.31	52.66 3.22 0.00	63.16 3.55 0.00	62.32 3.63 0.00	61.28 4.09 0.00	53.91 3.58 0.00	50.95 2.78 0.00	51.35 2.73 0.00	56.72 2.65 0.00	52.64 2.57 0.00	50.72 2.65 0.00	52.45 2.72 0.00	49.08 2.57 0.00
KENSICO____ 23655	53.37 1.87 0.00	51.87 1.68 0.00	46.63 1.35 0.00	40.05 1.12 0.00	40.82 1.10 0.00	40.18 1.04 0.00	42.52 1.17 0.00	45.35 1.26 0.00	45.05 1.37 0.00	40.50 1.49 0.00	41.30 1.74 0.00	46.36 2.18 0.00	51.89 2.45 0.00	62.53 2.91 0.00	61.73 3.04 0.00	60.49 3.30 0.00	53.11 2.78 0.00	50.35 2.17 0.00	50.72 2.10 0.00	56.06 1.99 0.00	51.94 1.87 0.00	49.98 1.91 0.00	51.81 2.08 0.00	48.46 1.94 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	53.46 1.96 0.00	51.93 1.74 0.00	46.66 1.38 0.00	40.06 1.12 0.00	40.81 1.09 0.00	40.19 1.05 0.00	42.53 1.18 0.00	45.36 1.27 0.00	45.05 1.37 0.00	40.33 1.31 0.00	41.02 1.46 0.00	46.05 1.87 0.00	51.64 2.20 0.00	62.25 2.63 0.00	61.61 2.92 0.00	60.43 3.24 0.00	53.20 2.87 0.00	50.67 2.49 0.00	51.10 2.48 0.00	56.59 2.52 0.00	52.39 2.32 0.00	50.28 2.21 0.00	52.01 2.28 0.00	48.57 2.05 0.00
KIAC_JFK_GT1 23816	53.39 1.89 0.00	52.06 1.87 0.00	46.77 1.48 0.00	40.12 1.18 0.00	40.89 1.17 0.00	40.25 1.11 0.00	42.60 1.25 0.00	45.43 1.34 0.00	45.14 1.46 0.00	40.62 1.61 0.00	41.35 1.79 0.00	46.39 2.21 0.00	51.86 2.42 0.00	62.53 2.92 0.00	61.71 3.03 0.00	60.32 3.13 0.00	52.74 2.41 0.00	49.92 1.74 0.00	50.23 1.61 0.00	55.37 1.31 0.01	51.31 1.25 0.01	49.50 1.45 0.01	51.79 2.06 0.00	48.45 1.93 0.00
KIAC_JFK_GT2 23817	53.39 1.89 0.00	52.06 1.87 0.00	46.77 1.48 0.00	40.12 1.18 0.00	40.89 1.17 0.00	40.25 1.11 0.00	42.60 1.25 0.00	45.43 1.34 0.00	45.14 1.46 0.00	40.62 1.61 0.00	41.35 1.79 0.00	46.39 2.21 0.00	51.86 2.42 0.00	62.53 2.92 0.00	61.71 3.03 0.00	60.32 3.13 0.00	52.74 2.41 0.00	49.92 1.74 0.00	50.23 1.61 0.00	55.37 1.31 0.01	51.31 1.25 0.01	49.50 1.45 0.01	51.79 2.06 0.00	48.45 1.93 0.00
KIAC_JFK____ 323774	53.38 1.88 0.00	52.06 1.87 0.00	46.77 1.48 0.00	40.12 1.19 0.00	40.89 1.16 0.00	40.24 1.11 0.00	42.60 1.25 0.00	45.43 1.34 0.00	45.14 1.47 0.00	40.62 1.61 0.00	41.35 1.79 0.00	46.39 2.20 0.00	51.87 2.43 0.00	62.53 2.92 0.00	61.71 3.02 0.00	60.32 3.13 0.00	52.74 2.41 0.00	49.92 1.74 0.00	50.23 1.61 0.00	55.37 1.31 0.01	51.31 1.25 0.01	49.50 1.45 0.01	51.79 2.06 0.00	48.45 1.93 0.00
KINTIGH__24_KV_GSU 356498	49.92 -1.05 0.53	45.26 -1.13 3.79	39.87 -1.28 4.14	34.63 -1.08 3.23	36.35 -1.09 2.28	35.72 -1.13 2.29	39.46 -1.64 0.25	42.54 -1.55 0.00	42.25 -1.43 0.00	37.39 -1.23 0.39	38.27 -1.29 0.00	40.59 -1.31 2.28	45.07 -1.38 2.99	54.15 -1.93 3.54	54.64 -2.24 1.81	54.14 -3.04 0.00	47.25 -2.47 0.62	43.18 -1.87 3.13	42.53 -1.99 4.11	49.32 -1.81 2.95	47.37 -2.13 0.58	45.84 -2.17 0.05	47.31 -2.37 0.05	44.32 -2.20 0.00
KINTIGH____ 23543	50.44 -1.06 0.00	49.03 -1.16 0.00	43.97 -1.32 0.00	37.81 -1.13 0.00	38.60 -1.12 0.00	37.97 -1.16 0.00	39.68 -1.67 0.00	42.51 -1.58 0.00	42.21 -1.47 0.00	37.74 -1.27 0.00	38.23 -1.32 0.00	42.85 -1.34 0.00	48.03 -1.41 0.00	57.66 -1.96 0.00	56.44 -2.25 0.00	54.12 -3.07 0.00	47.85 -2.48 0.00	46.26 -1.92 0.00	46.60 -2.03 0.00	52.24 -1.83 0.00	47.91 -2.17 0.00	45.81 -2.21 0.05	47.28 -2.40 0.05	44.30 -2.22 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	52.50 1.00 0.00	51.10 0.91 0.00	46.04 0.75 0.00	39.67 0.73 0.00	40.46 0.74 0.00	39.96 0.82 0.00	42.28 0.93 0.00	45.09 1.00 0.00	44.70 1.02 0.00	39.91 0.89 0.00	40.43 0.87 0.00	44.95 0.76 0.00	50.40 0.96 0.00	60.78 1.16 0.00	59.58 0.88 0.00	57.91 0.73 0.00	51.10 0.77 0.00	49.03 0.86 0.00	49.49 0.87 0.00	55.13 1.06 0.00	51.06 0.99 0.00	48.77 0.70 0.00	50.47 0.74 0.00	47.24 0.72 0.00
LACHUTE__HYDRO 323717	56.38 4.88 0.00	55.00 4.81 0.00	49.35 4.06 0.00	42.29 3.35 0.00	43.07 3.35 0.00	42.46 3.32 0.00	44.68 3.33 0.00	47.60 3.51 0.00	46.89 3.21 0.00	41.82 2.81 0.00	41.95 2.40 0.00	46.83 2.65 0.00	52.55 3.11 0.00	62.82 3.21 0.00	61.55 2.86 0.00	60.50 3.31 0.00	52.91 2.59 0.00	51.52 3.34 0.00	52.85 4.23 0.00	58.70 4.63 0.00	54.46 4.39 0.00	51.95 3.88 0.00	53.92 4.19 0.00	50.81 4.29 0.00
LAWRNCV_115KV_TB1 80681	52.21 0.71 0.00	50.79 0.60 0.00	45.77 0.49 0.00	39.43 0.49 0.00	40.20 0.48 0.00	39.69 0.55 0.00	42.10 0.75 0.00	44.87 0.77 0.00	44.52 0.84 0.00	39.72 0.71 0.00	40.28 0.72 0.00	44.70 0.51 0.00	50.08 0.63 0.00	60.13 0.51 0.00	58.89 0.20 0.00	57.37 0.19 0.00	50.94 0.61 0.00	48.72 0.55 0.00	49.08 0.46 0.00	54.72 0.65 0.00	50.73 0.66 0.00	48.66 0.59 0.00	50.28 0.56 0.00	47.00 0.48 0.00
LEDERLE____ 23769	53.46 1.96 0.00	51.91 1.72 0.00	46.65 1.36 0.00	40.06 1.12 0.00	40.82 1.10 0.00	40.19 1.05 0.00	42.56 1.20 0.00	45.40 1.31 0.00	45.08 1.41 0.00	40.51 1.50 0.00	41.32 1.77 0.00	46.37 2.19 0.00	51.98 2.54 0.00	62.66 3.05 0.00	61.93 3.24 0.00	60.65 3.46 0.00	53.30 2.97 0.00	50.57 2.39 0.00	50.99 2.37 0.00	56.45 2.38 0.00	52.23 2.16 0.00	50.16 2.09 0.00	51.95 2.23 0.00	48.57 2.05 0.00
LIGHTHSE_115KV_TB6 355974	51.36 -0.14 0.00	49.97 -0.22 0.00	45.14 -0.15 0.00	38.80 -0.13 0.00	39.55 -0.17 0.00	39.00 -0.13 0.00	41.16 -0.19 0.00	43.85 -0.24 0.00	43.34 -0.34 0.00	38.80 -0.21 0.00	39.32 -0.23 0.00	43.74 -0.45 0.00	48.73 -0.71 0.00	58.56 -1.05 0.00	57.57 -1.12 0.00	56.04 -1.15 0.00	49.46 -0.87 0.00	47.62 -0.56 0.00	48.46 -0.17 0.00	54.09 0.02 0.00	50.05 -0.02 0.00	48.22 0.13 -0.01	49.71 -0.03 -0.01	46.40 -0.12 0.00
LINDEN COGEN____ 23786	6.18 2.01 47.33	31.69 1.78 20.28	31.69 1.43 15.03	31.69 1.17 8.42	31.69 1.15 9.17	31.69 1.09 8.54	31.69 1.25 10.91	24.65 1.36 20.80	-8.96 1.47 54.11	23.67 1.60 16.94	28.31 1.87 13.12	28.31 2.31 18.19	28.31 2.56 23.69	28.31 3.04 34.35	28.31 3.21 33.60	28.31 3.42 32.30	28.31 2.85 24.86	29.76 2.18 20.60	28.31 2.01 22.32	28.31 1.81 27.57	28.31 1.68 23.44	40.02 1.74 9.79	51.66 1.93 0.00	48.36 1.84 0.00
LINDHRST_69_KV_BK1 356055	54.14 2.63 0.00	52.85 2.66 0.00	47.64 2.35 0.00	40.84 1.90 0.00	41.57 1.85 0.00	41.01 1.87 0.00	43.39 2.04 0.00	46.04 1.94 0.00	45.92 2.24 0.00	41.38 2.36 0.00	42.42 2.87 0.00	48.01 3.52 -0.31	53.25 3.81 0.00	63.43 3.81 0.00	62.42 3.72 0.00	61.65 4.47 0.00	54.47 4.14 0.00	51.69 3.51 0.00	52.17 3.55 0.00	57.14 3.07 0.00	53.23 3.16 0.00	51.44 3.38 0.00	53.19 3.46 0.00	49.83 3.30 0.00

LIPA_MISC_IPP 23656	53.26 1.76 0.00	52.14 1.95 0.00	47.05 1.77 0.00	40.31 1.37 0.00	41.04 1.32 0.00	40.63 1.49 0.00	43.07 1.72 0.00	45.47 1.38 0.00	45.34 1.66 0.00	40.87 1.85 0.00	41.95 2.40 0.00	47.54 3.04 -0.31	52.72 3.27 0.00	62.54 2.93 0.00	61.57 2.88 0.00	61.11 3.92 0.00	54.02 3.69 0.00	51.18 3.00 0.00	51.73 3.11 0.00	56.22 2.15 0.00	52.60 2.53 0.00	50.98 2.91 0.00	52.71 2.98 0.00	49.29 2.77 0.00
LISF___SOLAR 323691	53.35 1.85 0.00	52.23 2.04 0.00	47.13 1.85 0.00	40.37 1.43 0.00	41.11 1.39 0.00	40.69 1.56 0.00	43.13 1.78 0.00	45.54 1.45 0.00	45.41 1.73 0.00	40.91 1.89 0.00	41.99 2.43 0.00	47.59 3.09 -0.31	52.75 3.31 0.00	62.57 2.95 0.00	61.64 2.95 0.00	61.23 4.04 0.00	54.16 3.82 0.00	51.28 3.11 0.00	51.85 3.23 0.00	56.35 2.28 0.00	52.73 2.66 0.00	51.08 3.02 0.00	52.82 3.09 0.00	49.38 2.86 0.00
LITTLE FALLS___HYD 24013	52.17 0.67 0.00	50.96 0.77 0.00	45.94 0.65 0.00	39.45 0.51 0.00	40.29 0.57 0.00	39.70 0.56 0.00	41.81 0.45 0.00	44.35 0.25 0.00	43.30 -0.37 0.00	38.27 -0.75 0.00	38.60 -0.96 0.00	43.34 -0.84 0.00	49.00 -0.44 0.00	59.15 -0.47 0.00	58.97 0.28 0.00	57.19 0.01 0.00	50.81 0.48 0.00	48.60 0.42 0.00	49.42 0.80 0.00	55.05 0.98 0.00	51.00 0.93 0.00	49.14 1.07 0.00	50.94 1.22 0.00	47.64 1.12 0.00
LITTLRIV_115KV_TB1 356100	52.85 1.35 0.00	51.43 1.24 0.00	46.31 1.02 0.00	39.90 0.97 0.00	40.69 0.96 0.00	40.17 1.03 0.00	42.63 1.28 0.00	45.41 1.32 0.00	44.94 1.26 0.00	40.08 1.07 0.00	40.66 1.10 0.00	45.04 0.85 0.00	50.60 1.16 0.00	60.46 0.84 0.00	59.04 0.35 0.00	57.78 0.59 0.00	51.74 1.41 0.00	49.26 1.08 0.00	49.63 1.01 0.00	55.47 1.40 0.00	51.41 1.34 0.00	49.30 1.24 0.00	50.93 1.20 0.00	47.59 1.08 0.00
LI_NEWBRDGE___DRP 323616	53.28 1.78 0.00	51.99 1.80 0.00	46.90 1.61 0.00	40.23 1.30 0.00	40.95 1.23 0.00	40.38 1.24 0.00	42.73 1.38 0.00	45.39 1.30 0.00	45.23 1.56 0.00	40.73 1.71 0.00	41.72 2.16 0.00	47.17 2.67 -0.31	52.27 2.83 0.00	62.40 2.78 0.00	61.52 2.82 0.00	60.66 3.48 0.00	53.47 3.14 0.00	50.68 2.50 0.00	51.12 2.50 0.00	56.14 2.08 0.00	52.24 2.17 0.00	50.46 2.39 0.00	52.17 2.45 0.00	48.88 2.36 0.00
LOCKPORT_115KV_TB60_63_64 80432	50.60 -0.90 0.00	49.11 -1.08 0.00	43.83 -1.46 0.00	37.69 -1.25 0.00	38.50 -1.23 0.00	37.86 -1.28 0.00	39.61 -1.74 0.00	42.50 -1.59 0.00	42.18 -1.49 0.00	37.60 -1.41 0.00	38.07 -1.49 0.00	42.55 -1.63 0.00	47.71 -1.73 0.00	57.25 -2.37 0.00	56.02 -2.67 0.00	53.63 -3.55 0.00	47.37 -2.96 0.00	45.89 -2.29 0.00	46.26 -2.36 0.00	52.05 -2.02 0.00	47.65 -2.43 0.00	45.54 -2.48 0.05	47.05 -2.63 0.05	44.03 -2.49 0.00
LOCKPORT___CC1 323769	49.98 -0.95 0.57	45.02 -1.08 4.09	39.41 -1.42 4.46	34.26 -1.20 3.48	36.05 -1.21 2.46	35.41 -1.26 2.47	39.33 -1.75 0.27	42.49 -1.60 0.00	42.17 -1.51 0.00	37.18 -1.41 0.43	38.07 -1.48 0.00	40.13 -1.59 2.46	44.54 -1.68 3.22	53.49 -2.31 3.81	54.08 -2.65 1.95	53.63 -3.55 0.00	46.71 -2.95 0.67	42.56 -2.25 3.37	41.84 -2.35 4.43	48.86 -2.03 3.18	47.01 -2.44 0.63	45.54 -2.48 0.05	47.04 -2.64 0.05	44.03 -2.49 0.00
LOCKPORT___CC2 323770	49.98 -0.95 0.57	45.02 -1.08 4.09	39.41 -1.42 4.46	34.26 -1.20 3.48	36.05 -1.21 2.46	35.41 -1.26 2.47	39.33 -1.75 0.27	42.49 -1.60 0.00	42.17 -1.51 0.00	37.18 -1.41 0.43	38.07 -1.48 0.00	40.13 -1.59 2.46	44.54 -1.68 3.22	53.49 -2.31 3.81	54.08 -2.65 1.95	53.63 -3.55 0.00	46.71 -2.95 0.67	42.56 -2.25 3.37	41.84 -2.35 4.43	48.86 -2.03 3.18	47.01 -2.44 0.63	45.54 -2.48 0.05	47.04 -2.64 0.05	44.03 -2.49 0.00
LOCKPORT___CC3 323771	49.98 -0.95 0.57	45.02 -1.08 4.09	39.41 -1.42 4.46	34.26 -1.20 3.48	36.05 -1.21 2.46	35.41 -1.26 2.47	39.33 -1.75 0.27	42.49 -1.60 0.00	42.17 -1.51 0.00	37.18 -1.41 0.43	38.07 -1.48 0.00	40.13 -1.59 2.46	44.54 -1.68 3.22	53.49 -2.31 3.81	54.08 -2.65 1.95	53.63 -3.55 0.00	46.71 -2.95 0.67	42.56 -2.25 3.37	41.84 -2.35 4.43	48.86 -2.03 3.18	47.01 -2.44 0.63	45.54 -2.48 0.05	47.04 -2.64 0.05	44.03 -2.49 0.00
LOCUSVLY_69_KV_BK2 55797	53.91 2.41 0.00	52.51 2.32 0.00	47.30 2.01 0.00	40.59 1.65 0.00	41.31 1.59 0.00	40.72 1.59 0.00	43.07 1.72 0.00	45.81 1.72 0.00	45.66 1.98 0.00	41.12 2.10 0.00	42.14 2.58 0.00	47.66 3.17 -0.31	52.86 3.42 0.00	63.24 3.63 0.00	62.45 3.76 0.00	61.53 4.35 0.00	54.17 3.84 0.00	51.30 3.12 0.00	51.67 3.04 0.00	56.88 2.80 0.00	52.85 2.77 0.00	50.97 2.91 0.00	52.67 2.95 0.00	49.30 2.78 0.00
LONG_LAKE_PHOENIX 24014	50.45 -1.05 0.00	49.14 -1.05 0.00	44.42 -0.87 0.00	38.20 -0.74 0.00	38.95 -0.77 0.00	38.37 -0.77 0.00	40.48 -0.88 0.00	43.14 -0.95 0.00	42.64 -1.04 0.00	38.09 -0.92 0.00	38.60 -0.96 0.00	43.04 -1.15 0.00	48.04 -1.40 0.00	57.92 -1.69 0.00	56.99 -1.70 0.00	55.44 -1.75 0.00	48.74 -1.59 0.00	46.82 -1.36 0.00	47.44 -1.18 0.00	52.91 -1.16 0.00	48.92 -1.15 0.00	46.94 -1.17 -0.04	48.48 -1.29 -0.03	45.34 -1.18 0.00
LOVETT___3 23632	53.12 1.62 0.00	51.60 1.41 0.00	46.38 1.10 0.00	39.84 0.90 0.00	40.60 0.88 0.00	39.97 0.83 0.00	42.31 0.96 0.00	45.13 1.04 0.00	44.83 1.14 0.00	40.28 1.26 0.00	41.05 1.50 0.00	46.09 1.90 0.00	51.62 2.18 0.00	62.22 2.60 0.00	61.47 2.78 0.00	60.19 3.00 0.00	52.87 2.54 0.00	50.16 1.98 0.00	50.55 1.93 0.00	55.95 1.88 0.00	51.80 1.73 0.00	49.78 1.71 0.00	51.60 1.87 0.00	48.26 1.74 0.00
LOVETT___4 23642	53.12 1.62 0.00	51.60 1.41 0.00	46.38 1.10 0.00	39.84 0.90 0.00	40.60 0.88 0.00	39.97 0.83 0.00	42.31 0.96 0.00	45.13 1.04 0.00	44.83 1.14 0.00	40.28 1.26 0.00	41.05 1.50 0.00	46.09 1.90 0.00	51.62 2.18 0.00	62.22 2.60 0.00	61.47 2.78 0.00	60.19 3.00 0.00	52.87 2.54 0.00	50.16 1.98 0.00	50.55 1.93 0.00	55.95 1.88 0.00	51.80 1.73 0.00	49.78 1.71 0.00	51.60 1.87 0.00	48.26 1.74 0.00
LOVETT___5 23593	53.12 1.62 0.00	51.60 1.41 0.00	46.38 1.10 0.00	39.84 0.90 0.00	40.60 0.88 0.00	39.97 0.83 0.00	42.31 0.96 0.00	45.13 1.04 0.00	44.83 1.14 0.00	40.28 1.26 0.00	41.05 1.50 0.00	46.09 1.90 0.00	51.62 2.18 0.00	62.22 2.60 0.00	61.47 2.78 0.00	60.19 3.00 0.00	52.87 2.54 0.00	50.16 1.98 0.00	50.55 1.93 0.00	55.95 1.88 0.00	51.80 1.73 0.00	49.78 1.71 0.00	51.60 1.87 0.00	48.26 1.74 0.00
LOWER RAQUET___HYD 24057	52.25 0.75 0.00	50.83 0.64 0.00	45.78 0.50 0.00	39.43 0.50 0.00	40.21 0.49 0.00	39.70 0.56 0.00	42.12 0.78 0.00	44.90 0.81 0.00	44.55 0.86 0.00	39.75 0.74 0.00	40.30 0.75 0.00	44.72 0.53 0.00	50.09 0.65 0.00	60.11 0.49 0.00	58.83 0.14 0.00	57.35 0.16 0.00	50.97 0.64 0.00	48.75 0.57 0.00	49.11 0.48 0.00	54.77 0.70 0.00	50.78 0.71 0.00	48.71 0.64 0.00	50.34 0.61 0.00	47.05 0.52 0.00

LOWER__HUDSON 24059	52.40 0.90 0.00	51.31 1.12 0.00	46.32 1.03 0.00	39.82 0.88 0.00	40.72 1.00 0.00	40.08 0.94 0.00	42.14 0.79 0.00	44.89 0.80 0.00	44.42 0.74 0.00	39.69 0.68 0.00	40.08 0.52 0.00	44.92 0.74 0.00	50.39 0.95 0.00	60.76 1.15 0.00	59.92 1.23 0.00	58.48 1.29 0.00	51.39 1.06 0.00	49.08 0.90 0.00	49.69 1.07 0.00	55.10 1.03 0.00	51.17 1.10 0.00	49.20 1.13 0.00	51.06 1.34 0.00	47.76 1.24 0.00
LOWVILLE_115KV_TB2 356335	53.20 1.70 0.00	51.70 1.51 0.00	46.60 1.31 0.00	40.06 1.12 0.00	40.86 1.14 0.00	40.32 1.18 0.00	42.60 1.25 0.00	45.37 1.27 0.00	44.90 1.22 0.00	40.14 1.13 0.00	40.60 1.04 0.00	45.07 0.88 0.00	50.18 0.74 0.00	60.15 0.53 0.00	59.04 0.35 0.00	57.49 0.31 0.00	50.88 0.55 0.00	49.13 0.96 0.00	50.13 1.50 0.00	56.08 2.01 0.00	51.98 1.91 0.00	50.11 2.04 0.00	51.74 2.01 0.00	48.21 1.69 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	53.26 1.76 0.00	52.03 1.84 0.00	46.91 1.62 0.00	40.30 1.36 0.00	41.15 1.44 0.00	40.54 1.40 0.00	42.68 1.32 0.00	45.45 1.36 0.00	44.87 1.19 0.00	40.03 1.01 0.00	40.40 0.85 0.00	45.28 1.09 0.00	50.78 1.34 0.00	61.16 1.55 0.00	60.35 1.67 0.00	58.88 1.70 0.00	51.76 1.43 0.00	49.68 1.50 0.00	50.44 1.82 0.00	55.98 1.91 0.00	52.00 1.93 0.00	49.86 1.79 0.00	51.69 1.96 0.00	48.33 1.81 0.00
LUTHERNY_35_KV_BK2 355980	53.33 1.83 0.00	52.05 1.86 0.00	46.94 1.65 0.00	40.30 1.36 0.00	41.17 1.45 0.00	40.55 1.42 0.00	42.70 1.35 0.00	45.49 1.40 0.00	44.93 1.25 0.00	40.09 1.07 0.00	40.48 0.92 0.00	45.34 1.16 0.00	50.83 1.39 0.00	61.24 1.62 0.00	60.44 1.75 0.00	58.93 1.74 0.00	51.81 1.48 0.00	49.77 1.59 0.00	50.52 1.90 0.00	56.00 1.93 0.00	52.06 1.99 0.00	49.88 1.81 0.00	51.73 2.00 0.00	48.34 1.82 0.00
LWR__OSWEGATCHIE_HYD 23850	52.66 1.17 0.00	51.21 1.02 0.00	46.15 0.86 0.00	39.71 0.77 0.00	40.50 0.78 0.00	39.97 0.83 0.00	42.31 0.96 0.00	45.09 1.00 0.00	44.66 0.99 0.00	39.94 0.92 0.00	40.45 0.89 0.00	44.87 0.68 0.00	50.09 0.65 0.00	60.04 0.42 0.00	58.82 0.13 0.00	57.28 0.09 0.00	50.82 0.49 0.00	48.88 0.70 0.00	49.64 1.02 0.00	55.45 1.38 0.00	51.38 1.31 0.00	49.41 1.35 0.00	51.04 1.32 0.00	47.62 1.10 0.00
LYONS_FALL_HYD 23570	52.90 1.40 0.00	51.45 1.26 0.00	46.38 1.09 0.00	39.87 0.93 0.00	40.67 0.95 0.00	40.12 0.98 0.00	42.37 1.02 0.00	45.13 1.04 0.00	44.64 0.96 0.00	39.87 0.85 0.00	40.37 0.81 0.00	44.93 0.75 0.00	50.12 0.67 0.00	60.23 0.62 0.00	59.24 0.55 0.00	57.73 0.55 0.00	51.04 0.71 0.00	49.13 0.95 0.00	49.99 1.37 0.00	55.84 1.77 0.00	51.70 1.63 0.00	49.75 1.68 0.00	51.38 1.65 0.00	47.92 1.40 0.00
MADISON__COUNTY_LFGE 323628	52.65 1.15 0.00	51.25 1.06 0.00	46.22 0.93 0.00	39.71 0.77 0.00	40.49 0.77 0.00	39.94 0.80 0.00	42.14 0.79 0.00	44.88 0.79 0.00	44.24 0.56 0.00	39.39 0.38 0.00	40.00 0.44 0.00	44.66 0.47 0.00	49.93 0.49 0.00	60.37 0.75 0.00	59.35 0.66 0.00	57.99 0.80 0.00	51.18 0.85 0.00	49.07 0.89 0.00	49.86 1.24 0.00	55.65 1.58 0.00	51.44 1.36 0.00	49.35 1.30 0.01	50.95 1.23 0.01	47.59 1.07 0.00
MALONE__115KV_TB1 356076	52.31 0.81 0.00	50.89 0.70 0.00	45.84 0.55 0.00	39.52 0.58 0.00	40.30 0.58 0.00	39.83 0.69 0.00	42.18 0.83 0.00	45.00 0.91 0.00	44.70 1.02 0.00	39.91 0.89 0.00	40.41 0.85 0.00	44.84 0.65 0.00	50.17 0.73 0.00	60.57 0.95 0.00	59.52 0.83 0.00	57.79 0.61 0.00	51.16 0.83 0.00	49.06 0.88 0.00	49.41 0.78 0.00	55.04 0.97 0.00	50.96 0.90 0.00	48.66 0.59 0.00	50.32 0.59 0.00	47.04 0.52 0.00
MAPLEWOD_115KV_TB3 80458	52.13 0.63 0.00	50.97 0.78 0.00	46.00 0.71 0.00	39.54 0.61 0.00	40.42 0.70 0.00	39.80 0.67 0.00	41.91 0.55 0.00	44.64 0.55 0.00	44.20 0.52 0.00	39.50 0.48 0.00	39.97 0.42 0.00	44.78 0.60 0.00	50.20 0.76 0.00	60.57 0.95 0.00	59.77 1.08 0.00	58.38 1.19 0.00	51.34 1.01 0.00	48.98 0.80 0.00	49.51 0.89 0.00	54.91 0.84 0.00	50.95 0.88 0.00	48.97 0.90 0.00	50.76 1.03 0.00	47.46 0.94 0.00
MAPLE_RIDGE_WT_1 323574	51.47 -0.03 0.00	50.15 -0.04 0.00	45.23 -0.06 0.00	38.91 -0.03 0.00	39.68 -0.04 0.00	39.10 -0.03 0.00	41.35 0.00 0.00	44.11 0.02 0.00	43.71 0.03 0.00	39.02 0.01 0.00	39.55 -0.01 0.00	44.14 -0.05 0.00	49.38 -0.06 0.00	59.49 -0.13 0.00	58.52 -0.17 0.00	57.02 -0.17 0.00	50.19 -0.13 0.00	48.10 -0.08 0.00	48.47 -0.15 0.00	53.90 -0.17 0.00	49.91 -0.16 0.00	47.98 -0.09 0.00	49.58 -0.15 0.00	46.36 -0.16 0.00
MAPLE_RIDGE_WT_2 323611	51.47 -0.03 0.00	50.15 -0.04 0.00	45.23 -0.06 0.00	38.91 -0.03 0.00	39.68 -0.04 0.00	39.10 -0.03 0.00	41.35 0.00 0.00	44.11 0.02 0.00	43.71 0.03 0.00	39.02 0.01 0.00	39.55 -0.01 0.00	44.14 -0.05 0.00	49.38 -0.06 0.00	59.49 -0.13 0.00	58.52 -0.17 0.00	57.02 -0.17 0.00	50.19 -0.13 0.00	48.10 -0.08 0.00	48.47 -0.15 0.00	53.90 -0.17 0.00	49.91 -0.16 0.00	47.98 -0.09 0.00	49.58 -0.15 0.00	46.36 -0.16 0.00
MARBLE_RIVER_WT_PWR 323696	51.85 0.35 0.00	50.48 0.29 0.00	45.50 0.22 0.00	39.19 0.26 0.00	39.98 0.26 0.00	39.43 0.29 0.00	41.80 0.45 0.00	44.59 0.50 0.00	44.23 0.55 0.00	39.45 0.43 0.00	39.95 0.39 0.00	44.47 0.29 0.00	49.85 0.41 0.00	60.09 0.48 0.00	58.97 0.28 0.00	57.35 0.16 0.00	50.59 0.26 0.00	48.51 0.33 0.00	48.85 0.22 0.00	54.40 0.33 0.00	50.36 0.29 0.00	48.11 0.04 0.00	49.84 0.11 0.00	46.66 0.14 0.00
MARSHVLE_115KV_TB1 80742	54.09 2.59 0.00	52.53 2.34 0.00	47.37 2.08 0.00	40.68 1.74 0.00	41.33 1.61 0.00	40.70 1.56 0.00	43.11 1.76 0.00	45.85 1.76 0.00	44.92 1.24 0.00	39.77 0.76 0.00	40.16 0.60 0.00	44.90 0.71 0.00	50.34 0.90 0.00	60.99 1.38 0.00	60.20 1.51 0.00	58.01 0.83 0.00	51.66 1.33 0.00	50.09 1.91 0.00	50.90 2.28 0.00	57.01 2.94 0.00	52.81 2.74 0.00	50.50 2.43 0.00	52.00 2.28 0.00	48.52 2.00 0.00
MARSH_HILL_WT_PWR 323713	51.89 0.40 0.00	50.47 0.28 0.00	45.22 -0.06 0.00	38.79 -0.14 0.00	39.49 -0.23 0.00	39.22 0.08 0.00	41.25 -0.10 0.00	43.91 -0.18 0.00	42.97 -0.71 0.00	37.95 -1.07 0.00	38.44 -1.12 0.00	42.89 -1.30 0.00	48.21 -1.23 0.00	58.54 -1.08 0.00	57.28 -1.42 0.00	55.35 -1.84 0.00	48.68 -1.65 0.00	47.15 -1.03 0.00	48.00 -0.62 0.00	54.53 0.46 0.00	49.90 -0.16 0.00	47.92 -0.11 0.03	49.46 -0.24 0.03	46.18 -0.34 0.00
MCINTYRE_115KV_TB2 80467	53.28 1.79 0.00	51.83 1.64 0.00	46.67 1.38 0.00	40.22 1.28 0.00	41.01 1.29 0.00	40.49 1.35 0.00	42.97 1.62 0.00	45.76 1.67 0.00	45.19 1.51 0.00	40.30 1.28 0.00	40.89 1.33 0.00	45.21 1.02 0.00	50.60 1.16 0.00	60.65 1.03 0.00	59.19 0.50 0.00	57.79 0.60 0.00	51.76 1.43 0.00	49.53 1.35 0.00	49.96 1.34 0.00	55.92 1.85 0.00	51.82 1.75 0.00	49.68 1.62 0.00	51.31 1.58 0.00	47.95 1.43 0.00

MECO____69_KV_BK1 80468	54.47 2.97 0.00	52.95 2.76 0.00	47.71 2.42 0.00	40.96 2.02 0.00	41.71 1.99 0.00	41.07 1.93 0.00	43.40 2.05 0.00	46.07 1.97 0.00	44.81 1.13 0.00	39.55 0.53 0.00	39.92 0.36 0.00	44.74 0.56 0.00	50.60 1.16 0.00	61.04 1.43 0.00	60.46 1.77 0.00	58.44 1.25 0.00	52.21 1.88 0.00	50.48 2.31 0.00	51.40 2.78 0.00	57.58 3.51 0.00	53.36 3.29 0.00	51.07 3.00 0.00	52.63 2.91 0.00	49.08 2.56 0.00
MENANDS__115KV_TB5 355628	51.77 0.27 0.00	50.64 0.45 0.00	45.70 0.41 0.00	39.30 0.37 0.00	40.19 0.46 0.00	39.56 0.42 0.00	41.65 0.30 0.00	44.38 0.29 0.00	43.98 0.30 0.00	39.33 0.31 0.00	39.79 0.24 0.00	44.56 0.37 0.00	49.96 0.52 0.00	60.28 0.66 0.00	59.46 0.77 0.00	58.07 0.88 0.00	51.04 0.71 0.00	48.66 0.48 0.00	49.17 0.54 0.00	54.50 0.43 0.00	50.58 0.51 0.00	48.62 0.55 0.00	50.42 0.70 0.00	47.14 0.62 0.00
MG INDUSTRY__DRP 24185	52.01 0.51 0.00	50.80 0.61 0.00	45.84 0.55 0.00	39.42 0.48 0.00	40.29 0.57 0.00	39.66 0.53 0.00	41.80 0.45 0.00	44.47 0.38 0.00	43.93 0.25 0.00	39.20 0.19 0.00	39.70 0.15 0.00	44.46 0.27 0.00	49.84 0.41 0.00	60.14 0.52 0.00	59.44 0.75 0.00	58.04 0.86 0.00	51.01 0.68 0.00	48.72 0.54 0.00	49.18 0.56 0.00	54.65 0.58 0.00	50.70 0.63 0.00	48.71 0.64 0.00	50.48 0.76 0.00	47.21 0.69 0.00
MID____OSWEGATCHIE_HYD 23849	52.66 1.17 0.00	51.21 1.02 0.00	46.15 0.86 0.00	39.71 0.77 0.00	40.50 0.78 0.00	39.97 0.83 0.00	42.31 0.96 0.00	45.09 1.00 0.00	44.66 0.99 0.00	39.94 0.92 0.00	40.45 0.89 0.00	44.87 0.68 0.00	50.09 0.65 0.00	60.04 0.42 0.00	58.82 0.13 0.00	57.28 0.09 0.00	50.82 0.49 0.00	48.88 0.70 0.00	49.64 1.02 0.00	55.45 1.38 0.00	51.38 1.31 0.00	49.41 1.35 0.00	51.04 1.32 0.00	47.62 1.10 0.00
MID____RAQUETTE_HYD 23851	52.24 0.73 0.00	50.83 0.64 0.00	45.79 0.51 0.00	39.45 0.51 0.00	40.21 0.49 0.00	39.70 0.56 0.00	42.13 0.78 0.00	44.90 0.80 0.00	44.54 0.87 0.00	39.75 0.74 0.00	40.30 0.75 0.00	44.72 0.54 0.00	50.10 0.65 0.00	60.11 0.49 0.00	58.83 0.14 0.00	57.35 0.16 0.00	50.97 0.64 0.00	48.75 0.57 0.00	49.11 0.48 0.00	54.77 0.69 0.00	50.78 0.71 0.00	48.71 0.64 0.00	50.34 0.61 0.00	47.05 0.52 0.00
MILLIKEN__1 23584	52.09 0.59 0.00	50.70 0.52 0.00	45.69 0.40 0.00	39.21 0.27 0.00	39.97 0.25 0.00	39.45 0.31 0.00	41.62 0.27 0.00	44.38 0.29 0.00	43.75 0.08 0.00	38.84 -0.18 0.00	39.40 -0.16 0.00	43.94 -0.24 0.00	49.24 -0.20 0.00	59.39 -0.22 0.00	58.44 -0.25 0.00	56.97 -0.21 0.00	50.10 -0.23 0.00	48.34 0.16 0.00	49.18 0.56 0.00	55.00 0.93 0.00	50.82 0.75 0.00	48.65 0.59 0.01	50.23 0.51 0.01	46.96 0.44 0.00
MILLIKEN__2 23585	52.09 0.59 0.00	50.70 0.52 0.00	45.69 0.40 0.00	39.21 0.27 0.00	39.97 0.25 0.00	39.45 0.31 0.00	41.62 0.27 0.00	44.38 0.29 0.00	43.75 0.08 0.00	38.84 -0.18 0.00	39.40 -0.16 0.00	43.94 -0.24 0.00	49.24 -0.20 0.00	59.39 -0.22 0.00	58.44 -0.25 0.00	56.97 -0.21 0.00	50.10 -0.23 0.00	48.34 0.16 0.00	49.18 0.56 0.00	55.00 0.93 0.00	50.82 0.75 0.00	48.65 0.59 0.01	50.23 0.51 0.01	46.96 0.44 0.00
MILLIKEN__DIESEL 23629	52.09 0.59 0.00	50.70 0.52 0.00	45.69 0.40 0.00	39.21 0.27 0.00	39.97 0.25 0.00	39.45 0.31 0.00	41.62 0.27 0.00	44.38 0.29 0.00	43.75 0.08 0.00	38.84 -0.18 0.00	39.40 -0.16 0.00	43.94 -0.24 0.00	49.24 -0.20 0.00	59.39 -0.22 0.00	58.44 -0.25 0.00	56.97 -0.21 0.00	50.10 -0.23 0.00	48.34 0.16 0.00	49.18 0.56 0.00	55.00 0.93 0.00	50.82 0.75 0.00	48.65 0.59 0.01	50.23 0.51 0.01	46.96 0.44 0.00
MILLSEAT____LFGE 323607	50.92 -0.06 0.52	46.18 -0.26 3.75	40.51 -0.69 4.09	35.16 -0.59 3.19	36.85 -0.61 2.25	36.20 -0.67 2.26	40.03 -1.08 0.24	43.18 -0.91 0.00	42.69 -0.99 0.00	37.56 -1.07 0.39	38.40 -1.15 0.00	40.68 -1.25 2.25	45.11 -1.38 2.95	54.30 -1.83 3.49	54.77 -2.13 1.79	54.26 -2.92 0.00	47.36 -2.36 0.61	43.38 -1.71 3.09	43.05 -1.52 4.06	50.31 -0.85 2.91	48.22 -1.28 0.57	46.59 -1.43 0.05	48.06 -1.62 0.05	44.91 -1.61 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	53.24 1.74 0.00	51.75 1.56 0.00	46.54 1.25 0.00	39.96 1.02 0.00	40.72 1.00 0.00	40.10 0.96 0.00	42.43 1.08 0.00	45.24 1.15 0.00	44.95 1.27 0.00	40.38 1.37 0.00	41.18 1.62 0.00	46.22 2.03 0.00	51.75 2.31 0.00	62.37 2.75 0.00	61.59 2.90 0.00	60.34 3.15 0.00	52.98 2.65 0.00	50.25 2.07 0.00	50.62 2.00 0.00	56.00 1.92 0.00	51.87 1.80 0.00	49.89 1.82 0.00	51.70 1.98 0.00	48.36 1.84 0.00
MILLWOOD_13_KV_LOAD 356217	53.36 1.86 0.00	51.86 1.67 0.00	46.63 1.34 0.00	40.03 1.10 0.00	40.80 1.08 0.00	40.17 1.03 0.00	42.50 1.15 0.00	45.33 1.24 0.00	45.02 1.34 0.00	40.46 1.45 0.00	41.25 1.70 0.00	46.29 2.11 0.00	51.84 2.40 0.00	62.48 2.87 0.00	61.70 3.01 0.00	60.45 3.27 0.00	53.10 2.77 0.00	50.37 2.19 0.00	50.76 2.14 0.00	56.13 2.05 0.00	51.98 1.91 0.00	50.00 1.93 0.00	51.81 2.08 0.00	48.45 1.93 0.00
MODEL_CITY_ENERGY 24167	49.50 -1.40 0.60	44.35 -1.54 4.30	38.69 -1.91 4.69	33.66 -1.61 3.66	35.52 -1.61 2.59	34.88 -1.66 2.60	38.96 -2.11 0.28	42.14 -1.95 0.00	41.86 -1.82 0.00	36.87 -1.70 0.45	37.79 -1.76 0.00	39.61 -1.99 2.59	43.92 -2.13 3.39	52.71 -2.90 4.01	53.46 -3.18 2.06	53.18 -4.01 0.00	46.18 -3.44 0.70	41.90 -2.73 3.54	41.07 -2.89 4.66	48.05 -2.68 3.34	46.39 -3.03 0.66	45.00 -3.02 0.05	46.54 -3.15 0.05	43.54 -2.99 0.00
MODERN_LFGE__ 323580	49.50 -1.40 0.60	44.35 -1.54 4.30	38.69 -1.91 4.69	33.66 -1.61 3.66	35.52 -1.61 2.59	34.88 -1.66 2.60	38.96 -2.11 0.28	42.14 -1.95 0.00	41.86 -1.82 0.00	36.87 -1.70 0.45	37.79 -1.76 0.00	39.61 -1.99 2.59	43.92 -2.13 3.39	52.71 -2.90 4.01	53.46 -3.18 2.06	53.18 -4.01 0.00	46.18 -3.44 0.70	41.90 -2.73 3.54	41.07 -2.89 4.66	48.05 -2.68 3.34	46.39 -3.03 0.66	45.00 -3.02 0.05	46.54 -3.15 0.05	43.54 -2.99 0.00
MOHAWK_PAPER__DRP 24187	52.13 0.63 0.00	50.97 0.78 0.00	46.00 0.71 0.00	39.54 0.61 0.00	40.42 0.70 0.00	39.80 0.67 0.00	41.91 0.55 0.00	44.64 0.55 0.00	44.20 0.52 0.00	39.50 0.48 0.00	39.97 0.42 0.00	44.78 0.60 0.00	50.20 0.76 0.00	60.57 0.95 0.00	59.77 1.08 0.00	58.38 1.19 0.00	51.34 1.01 0.00	48.98 0.80 0.00	49.51 0.89 0.00	54.91 0.84 0.00	50.95 0.88 0.00	48.97 0.90 0.00	50.76 1.03 0.00	47.46 0.94 0.00
MOHICAN__35_KV_115KV_LD 80490	53.71 2.21 0.00	52.45 2.26 0.00	47.27 1.99 0.00	40.56 1.63 0.00	41.40 1.68 0.00	40.80 1.67 0.00	42.95 1.59 0.00	45.71 1.62 0.00	45.06 1.38 0.00	40.18 1.17 0.00	40.42 0.86 0.00	45.26 1.07 0.00	50.77 1.33 0.00	60.94 1.32 0.00	60.04 1.35 0.00	58.69 1.51 0.00	51.46 1.13 0.00	49.61 1.43 0.00	50.66 2.04 0.00	56.31 2.25 0.00	52.36 2.29 0.00	50.11 2.04 0.00	51.99 2.26 0.00	48.67 2.15 0.00

MONGAUP___HYD 23641	53.46 1.97 0.00	52.18 1.99 0.00	46.92 1.63 0.00	40.27 1.33 0.00	41.02 1.30 0.00	40.39 1.25 0.00	42.72 1.37 0.00	45.50 1.42 0.00	44.73 1.06 0.00	39.81 0.79 0.00	40.46 0.91 0.00	45.36 1.17 0.00	50.85 1.41 0.00	61.45 1.83 0.00	61.08 2.38 0.00	59.58 2.39 0.00	52.60 2.27 0.00	50.08 1.90 0.00	50.85 2.23 0.00	56.51 2.44 0.00	52.34 2.27 0.00	50.22 2.16 0.00	51.96 2.23 0.00	48.51 1.99 0.00
MONTAUK___DIESEL 23721	54.50 3.00 0.00	53.78 3.59 0.00	48.26 2.97 0.00	41.04 2.10 0.00	41.97 2.25 0.00	41.72 2.58 0.00	44.41 3.05 0.00	46.77 2.68 0.00	46.98 3.30 0.00	42.52 3.50 0.00	43.83 4.28 0.00	49.91 5.41 -0.31	55.45 6.01 0.00	65.83 6.21 0.00	64.18 5.49 0.00	63.66 6.48 0.00	56.30 5.97 0.00	53.15 4.97 0.00	53.24 4.62 0.00	57.20 3.12 0.00	54.56 4.49 0.00	53.04 4.97 0.00	54.75 5.02 0.00	51.11 4.59 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	52.26 0.76 0.00	50.61 0.42 0.00	45.16 -0.13 0.00	38.84 -0.10 0.00	39.53 -0.19 0.00	39.10 -0.04 0.00	41.13 -0.22 0.00	43.97 -0.12 0.00	43.32 -0.36 0.00	38.53 -0.48 0.00	38.95 -0.60 0.00	43.56 -0.63 0.00	49.21 -0.23 0.00	59.33 -0.29 0.00	57.99 -0.70 0.00	55.86 -1.33 0.00	49.36 -0.97 0.00	47.71 -0.47 0.00	48.27 -0.36 0.00	54.65 0.58 0.00	49.76 -0.31 0.00	47.57 -0.46 0.04	49.10 -0.59 0.04	45.82 -0.71 0.00
MORRIS RIDGE___SOLAR 323848	51.25 -0.25 0.00	49.80 -0.39 0.00	44.61 -0.68 0.00	38.36 -0.57 0.00	39.10 -0.62 0.00	38.61 -0.53 0.00	40.53 -0.82 0.00	43.18 -0.92 0.00	42.28 -1.40 0.00	37.45 -1.56 0.00	38.03 -1.52 0.00	42.49 -1.70 0.00	47.73 -1.71 0.00	57.69 -1.93 0.00	56.42 -2.27 0.00	54.40 -2.78 0.00	47.88 -2.44 0.00	46.39 -1.79 0.00	47.23 -1.39 0.00	53.61 -0.46 0.00	49.06 -1.01 0.00	47.03 -1.00 0.04	48.58 -1.11 0.03	45.41 -1.11 0.00
MORTIMER_115KV_TB3 55949	51.33 -0.17 0.00	49.88 -0.31 0.00	44.81 -0.47 0.00	38.49 -0.44 0.00	39.26 -0.46 0.00	38.64 -0.50 0.00	40.50 -0.86 0.00	43.30 -0.79 0.00	42.91 -0.76 0.00	38.38 -0.63 0.00	38.93 -0.63 0.00	43.58 -0.61 0.00	48.84 -0.60 0.00	58.80 -0.81 0.00	57.67 -1.02 0.00	55.54 -1.65 0.00	49.11 -1.22 0.00	47.46 -0.71 0.00	47.99 -0.63 0.00	53.70 -0.37 0.00	49.34 -0.73 0.00	47.14 -0.87 0.05	48.58 -1.10 0.05	45.44 -1.09 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	53.64 2.14 0.00	52.11 1.92 0.00	46.86 1.57 0.00	40.23 1.29 0.00	40.98 1.26 0.00	40.35 1.21 0.00	42.70 1.35 0.00	45.54 1.45 0.00	45.27 1.59 0.00	40.72 1.71 0.00	41.55 1.99 0.00	46.63 2.45 0.00	52.14 2.70 0.00	62.82 3.20 0.00	62.02 3.34 0.00	60.77 3.58 0.00	53.29 2.96 0.00	50.42 2.24 0.00	50.73 2.10 0.00	56.03 1.96 0.00	51.93 1.86 0.00	50.08 2.01 0.00	51.97 2.25 0.00	48.63 2.11 0.00
MUNSVILLE_WIND_PWR 323609	54.81 3.11 -0.20	54.63 3.02 -1.42	49.41 2.57 -1.55	42.26 2.11 -1.21	42.60 2.02 -0.85	42.06 2.06 -0.86	43.50 2.06 -0.09	46.19 2.10 0.00	45.63 1.95 0.00	40.34 1.18 -0.15	40.47 0.91 0.00	45.93 0.89 -0.86	51.64 1.08 -1.12	62.88 1.94 -1.33	61.08 1.71 -0.68	59.48 2.30 0.00	51.85 1.29 -0.23	52.06 2.71 -1.17	53.25 3.09 -1.54	59.10 3.93 -1.11	53.73 3.44 -0.22	50.84 2.79 0.01	52.76 3.04 0.01	49.37 2.85 0.00
N SALMON___HYD 24042	52.31 0.81 0.00	50.89 0.70 0.00	45.83 0.55 0.00	39.51 0.57 0.00	40.30 0.58 0.00	39.83 0.69 0.00	42.18 0.83 0.00	45.00 0.91 0.00	44.70 1.02 0.00	39.91 0.89 0.00	40.41 0.85 0.00	44.84 0.65 0.00	50.17 0.73 0.00	60.56 0.95 0.00	59.52 0.83 0.00	57.79 0.61 0.00	51.16 0.83 0.00	49.06 0.88 0.00	49.41 0.78 0.00	55.04 0.97 0.00	50.96 0.90 0.00	48.65 0.58 0.00	50.33 0.60 0.00	47.04 0.52 0.00
N.AKRON___115KV_KNAPP 355671	51.45 -0.06 0.00	49.91 -0.28 0.00	44.57 -0.72 0.00	38.30 -0.63 0.00	39.10 -0.62 0.00	38.46 -0.68 0.00	40.26 -1.09 0.00	43.16 -0.93 0.00	42.72 -0.96 0.00	38.00 -1.02 0.00	38.45 -1.11 0.00	42.96 -1.22 0.00	48.12 -1.33 0.00	57.88 -1.73 0.00	56.62 -2.08 0.00	54.31 -2.88 0.00	48.06 -2.27 0.00	46.49 -1.69 0.00	47.10 -1.52 0.00	53.18 -0.89 0.00	48.73 -1.34 0.00	46.53 -1.49 0.05	48.01 -1.67 0.05	44.88 -1.64 0.00
N.BELMOR_69_KV_BK1 55787	53.80 2.30 0.00	52.43 2.24 0.00	47.26 1.97 0.00	40.55 1.62 0.00	41.28 1.56 0.00	40.69 1.55 0.00	43.06 1.71 0.00	45.76 1.67 0.00	45.59 1.92 0.00	41.07 2.05 0.00	42.08 2.53 0.00	47.61 3.12 -0.31	52.83 3.39 0.00	63.11 3.49 0.00	62.08 3.39 0.00	61.24 4.05 0.00	54.03 3.70 0.00	51.24 3.07 0.00	51.69 3.07 0.00	56.80 2.73 0.00	52.79 2.72 0.00	50.97 2.90 0.00	52.72 2.99 0.00	49.37 2.85 0.00
N.E_GEN_SANDY PD 24062	51.98 0.65 0.18	50.55 0.92 0.55	46.16 0.87 0.00	39.48 0.73 0.20	40.58 0.86 0.00	40.44 0.80 -0.50	41.43 0.63 0.55	44.72 0.63 0.00	44.34 0.66 0.00	39.71 0.69 0.00	40.14 0.59 0.00	45.04 0.86 0.00	51.80 1.10 -1.25	61.00 1.39 0.00	60.12 1.43 0.00	58.74 1.55 0.00	54.27 1.27 -2.66	48.12 0.87 0.92	49.55 0.93 0.00	54.84 0.78 0.00	50.95 0.88 0.00	49.18 1.00 -0.11	52.35 1.26 -1.37	47.72 1.20 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	53.28 1.78 0.00	51.73 1.54 0.00	46.50 1.21 0.00	39.94 1.01 0.00	40.70 0.98 0.00	40.07 0.93 0.00	42.41 1.06 0.00	45.24 1.14 0.00	44.93 1.25 0.00	40.37 1.35 0.00	41.17 1.61 0.00	46.22 2.03 0.00	51.78 2.34 0.00	62.43 2.81 0.00	61.70 3.01 0.00	60.41 3.22 0.00	53.07 2.75 0.00	50.35 2.17 0.00	50.75 2.13 0.00	56.17 2.11 0.00	52.00 1.93 0.00	49.95 1.88 0.00	51.75 2.02 0.00	48.39 1.87 0.00
N.QUEENS_27_KV_LOAD 356247	53.46 1.95 0.00	51.95 1.76 0.00	46.79 1.50 0.00	40.21 1.28 0.00	40.98 1.26 0.00	40.37 1.23 0.00	42.68 1.33 0.00	45.54 1.45 0.00	45.27 1.59 0.00	40.72 1.71 0.00	41.51 1.95 0.00	46.54 2.36 0.00	51.99 2.55 0.00	62.70 3.09 0.00	61.98 3.29 0.00	60.73 3.54 0.00	53.26 2.94 0.00	50.37 2.19 0.00	50.63 2.01 0.00	56.00 1.95 0.02	51.97 1.91 0.01	50.05 1.99 0.01	51.83 2.11 0.01	48.46 1.94 0.00
N.TROY___115KV_TB1 355778	52.40 0.90 0.00	51.31 1.12 0.00	46.32 1.04 0.00	39.82 0.88 0.00	40.72 1.00 0.00	40.08 0.94 0.00	42.14 0.79 0.00	44.89 0.80 0.00	44.42 0.74 0.00	39.70 0.68 0.00	40.08 0.52 0.00	44.93 0.74 0.00	50.39 0.95 0.00	60.77 1.15 0.00	59.92 1.23 0.00	58.48 1.29 0.00	51.39 1.06 0.00	49.08 0.90 0.00	49.69 1.07 0.00	55.10 1.03 0.00	51.17 1.10 0.00	49.20 1.13 0.00	51.07 1.34 0.00	47.76 1.24 0.00
NARROWS_GT1_1 24228	53.77 2.27 0.00	52.24 2.05 0.00	46.95 1.67 0.00	40.29 1.35 0.00	41.05 1.33 0.00	40.42 1.28 0.00	42.78 1.42 0.00	45.64 1.55 0.00	45.34 1.67 0.00	40.80 1.79 0.00	41.62 2.06 0.00	46.70 2.52 0.00	52.19 2.75 0.00	62.91 3.30 0.00	62.14 3.45 0.00	60.91 3.72 0.00	53.41 3.08 0.00	50.50 2.32 0.00	50.78 2.16 0.00	56.11 2.03 0.00	52.05 1.98 0.00	50.17 2.10 0.00	52.01 2.29 0.00	48.68 2.16 0.00

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NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	52.78 1.28 0.00	51.52 1.34 0.00	46.46 1.17 0.00	39.92 0.98 0.00	40.80 1.08 0.00	40.19 1.05 0.00	42.36 1.01 0.00	45.14 1.05 0.00	44.55 0.88 0.00	39.62 0.60 0.00	40.09 0.53 0.00	44.87 0.68 0.00	50.43 0.99 0.00	60.86 1.24 0.00	60.16 1.47 0.00	58.82 1.64 0.00	51.99 1.66 0.00	49.73 1.55 0.00	50.15 1.52 0.00	55.89 1.82 0.00	51.85 1.78 0.00	49.74 1.67 0.00	51.44 1.72 0.00	48.01 1.49 0.00
NCHELSEA_115KV_TR2 355582	53.50 2.00 0.00	52.01 1.82 0.00	46.78 1.49 0.00	40.16 1.22 0.00	40.92 1.20 0.00	40.29 1.15 0.00	42.62 1.27 0.00	45.43 1.34 0.00	45.11 1.43 0.00	40.50 1.48 0.00	41.25 1.70 0.00	46.31 2.12 0.00	51.87 2.43 0.00	62.60 2.99 0.00	61.83 3.14 0.00	60.60 3.42 0.00	53.28 2.95 0.00	50.65 2.47 0.00	51.06 2.44 0.00	56.49 2.43 0.00	52.32 2.25 0.00	50.25 2.18 0.00	52.02 2.29 0.00	48.61 2.09 0.00
NEG CAPITAL___MECHNVIL 23645	53.33 1.83 0.00	52.12 1.93 0.00	46.97 1.68 0.00	40.35 1.42 0.00	41.23 1.51 0.00	40.61 1.47 0.00	42.73 1.37 0.00	45.53 1.44 0.00	44.92 1.24 0.00	40.12 1.11 0.00	40.49 0.93 0.00	45.40 1.21 0.00	50.94 1.50 0.00	61.40 1.78 0.00	60.59 1.90 0.00	59.11 1.92 0.00	51.96 1.63 0.00	49.85 1.68 0.00	50.58 1.96 0.00	56.13 2.06 0.00	52.11 2.04 0.00	50.00 1.93 0.00	51.81 2.09 0.00	48.42 1.90 0.00
NEG CENTRAL_HIGH_ACRES 23767	50.50 -1.00 0.00	49.09 -1.09 0.00	44.16 -1.12 0.00	37.93 -1.01 0.00	38.68 -1.04 0.00	38.09 -1.05 0.00	39.97 -1.39 0.00	42.70 -1.39 0.00	42.31 -1.37 0.00	37.82 -1.20 0.00	38.38 -1.17 0.00	43.00 -1.19 0.00	48.19 -1.25 0.00	57.96 -1.65 0.00	56.85 -1.84 0.00	54.87 -2.32 0.00	48.50 -1.83 0.00	46.83 -1.34 0.00	47.39 -1.24 0.00	52.96 -1.11 0.00	48.70 -1.37 0.00	46.54 -1.48 0.05	47.96 -1.73 0.04	44.84 -1.68 0.00
NEG CENTRAL___DRP 24199	51.65 0.15 0.00	50.21 0.02 0.00	45.22 -0.07 0.00	38.82 -0.11 0.00	39.57 -0.15 0.00	39.05 -0.09 0.00	41.17 -0.19 0.00	43.92 -0.17 0.00	43.31 -0.37 0.00	38.51 -0.51 0.00	39.13 -0.42 0.00	43.70 -0.48 0.00	48.92 -0.52 0.00	59.01 -0.61 0.00	57.97 -0.72 0.00	56.32 -0.87 0.00	49.61 -0.72 0.00	47.84 -0.33 0.00	48.66 0.04 0.00	54.57 0.50 0.00	50.26 0.19 0.00	48.09 0.04 0.02	49.61 -0.10 0.02	46.36 -0.16 0.00
NEG CENTRAL___INDECK 23768	52.88 1.38 0.00	51.36 1.17 0.00	46.05 0.76 0.00	39.54 0.60 0.00	40.29 0.57 0.00	39.75 0.61 0.00	41.72 0.37 0.00	44.55 0.47 0.00	43.61 -0.07 0.00	38.46 -0.55 0.00	39.29 -0.27 0.00	43.76 -0.43 0.00	49.03 -0.41 0.00	59.36 -0.26 0.00	58.28 -0.41 0.00	56.32 -0.86 0.00	49.73 -0.59 0.00	48.16 -0.02 0.00	48.99 0.37 0.00	55.58 1.51 0.00	51.08 1.01 0.00	48.81 0.78 0.04	50.27 0.58 0.04	46.90 0.38 0.00
NEG CENTRAL___SENECA 23627	51.89 0.39 0.00	50.41 0.22 0.00	45.32 0.03 0.00	38.92 -0.02 0.00	39.66 -0.06 0.00	39.15 0.01 0.00	41.25 -0.10 0.00	44.01 -0.08 0.00	43.36 -0.32 0.00	38.55 -0.47 0.00	39.15 -0.41 0.00	43.72 -0.46 0.00	49.00 -0.45 0.00	59.08 -0.54 0.00	58.00 -0.69 0.00	56.33 -0.85 0.00	49.61 -0.72 0.00	47.93 -0.25 0.00	48.83 0.20 0.00	54.92 0.85 0.00	50.48 0.41 0.00	48.25 0.22 0.03	49.76 0.06 0.03	46.47 -0.05 0.00
NEG CENTRAL___STATE_STREET 24147	51.67 0.16 0.00	50.35 0.16 0.00	45.44 0.15 0.00	38.89 -0.05 0.00	39.68 -0.04 0.00	39.22 0.08 0.00	41.31 -0.04 0.00	44.10 0.01 0.00	43.51 -0.17 0.00	38.60 -0.41 0.00	39.29 -0.27 0.00	43.79 -0.40 0.00	49.09 -0.35 0.00	59.15 -0.47 0.00	58.26 -0.43 0.00	56.47 -0.71 0.00	49.82 -0.51 0.00	48.02 -0.16 0.00	48.80 0.18 0.00	54.36 0.28 0.00	50.28 0.21 0.00	48.17 0.10 0.00	49.76 0.03 0.00	46.53 0.01 0.00
NEG MILLWOOD___DRP 24198	53.57 2.07 0.00	52.07 1.88 0.00	46.82 1.53 0.00	40.20 1.26 0.00	40.97 1.25 0.00	40.33 1.19 0.00	42.66 1.31 0.00	45.50 1.41 0.00	45.19 1.51 0.00	40.61 1.59 0.00	41.40 1.84 0.00	46.45 2.27 0.00	52.05 2.61 0.00	62.77 3.15 0.00	61.98 3.29 0.00	60.77 3.59 0.00	53.40 3.07 0.00	50.74 2.56 0.00	51.12 2.50 0.00	56.55 2.48 0.00	52.35 2.28 0.00	50.30 2.23 0.00	52.08 2.35 0.00	48.68 2.16 0.00
NEG NORTH_FLCN_SEA 23793	52.43 0.93 0.00	51.04 0.85 0.00	45.98 0.70 0.00	39.63 0.69 0.00	40.41 0.69 0.00	39.87 0.74 0.00	42.21 0.85 0.00	45.00 0.91 0.00	44.62 0.95 0.00	39.85 0.83 0.00	40.35 0.80 0.00	44.91 0.72 0.00	50.38 0.94 0.00	60.74 1.13 0.00	59.58 0.89 0.00	57.95 0.76 0.00	51.06 0.73 0.00	48.99 0.81 0.00	49.41 0.79 0.00	55.01 0.94 0.00	50.94 0.88 0.00	48.67 0.60 0.00	50.39 0.66 0.00	47.19 0.67 0.00
NEG NORTH_KES_CHATEGAY 23792	51.88 0.38 0.00	50.49 0.30 0.00	45.51 0.22 0.00	39.20 0.26 0.00	39.98 0.26 0.00	39.45 0.31 0.00	41.82 0.47 0.00	44.61 0.51 0.00	44.25 0.57 0.00	39.43 0.42 0.00	39.91 0.36 0.00	44.42 0.23 0.00	49.77 0.33 0.00	59.99 0.37 0.00	58.89 0.20 0.00	57.26 0.07 0.00	50.53 0.20 0.00	48.51 0.33 0.00	48.82 0.20 0.00	54.43 0.36 0.00	50.40 0.33 0.00	48.15 0.08 0.00	49.84 0.11 0.00	46.65 0.13 0.00
NEG NORTH___ALICE_FALLS 23915	52.50 1.00 0.00	51.10 0.91 0.00	46.04 0.75 0.00	39.67 0.73 0.00	40.46 0.74 0.00	39.96 0.82 0.00	42.28 0.93 0.00	45.09 1.00 0.00	44.70 1.02 0.00	39.91 0.89 0.00	40.43 0.87 0.00	44.95 0.76 0.00	50.40 0.96 0.00	60.78 1.16 0.00	59.58 0.88 0.00	57.91 0.73 0.00	51.10 0.77 0.00	49.03 0.86 0.00	49.49 0.87 0.00	55.13 1.06 0.00	51.06 0.99 0.00	48.77 0.70 0.00	50.47 0.74 0.00	47.24 0.72 0.00
NEG NORTH___LWR_SARANAC 23913	52.50 1.00 0.00	51.10 0.91 0.00	46.04 0.75 0.00	39.67 0.73 0.00	40.46 0.74 0.00	39.96 0.82 0.00	42.28 0.93 0.00	45.09 1.00 0.00	44.70 1.02 0.00	39.91 0.89 0.00	40.43 0.87 0.00	44.95 0.76 0.00	50.40 0.96 0.00	60.78 1.16 0.00	59.58 0.88 0.00	57.91 0.73 0.00	51.10 0.77 0.00	49.03 0.86 0.00	49.49 0.87 0.00	55.13 1.06 0.00	51.06 0.99 0.00	48.77 0.70 0.00	50.47 0.74 0.00	47.24 0.72 0.00
NEG NORTH___PLATTSBURG 23628	52.51 1.01 0.00	51.10 0.91 0.00	46.03 0.75 0.00	39.67 0.73 0.00	40.46 0.74 0.00	39.95 0.81 0.00	42.29 0.93 0.00	45.09 1.00 0.00	44.70 1.02 0.00	39.91 0.89 0.00	40.43 0.87 0.00	44.95 0.76 0.00	50.39 0.95 0.00	60.77 1.15 0.00	59.57 0.88 0.00	57.92 0.73 0.00	51.10 0.77 0.00	49.03 0.86 0.00	49.49 0.87 0.00	55.12 1.05 0.00	51.06 0.99 0.00	48.77 0.70 0.00	50.47 0.74 0.00	47.24 0.72 0.00
NEG WEST_LEA_LOCKPORT 23791	50.59 -0.92 0.00	49.10 -1.09 0.00	43.85 -1.44 0.00	37.71 -1.23 0.00	38.51 -1.21 0.00	37.87 -1.26 0.00	39.60 -1.75 0.00	42.49 -1.60 0.00	42.17 -1.50 0.00	37.60 -1.42 0.00	38.07 -1.49 0.00	42.59 -1.60 0.00	47.76 -1.68 0.00	57.32 -2.30 0.00	56.05 -2.63 0.00	53.63 -3.55 0.00	47.40 -2.93 0.00	45.91 -2.27 0.00	46.28 -2.34 0.00	52.05 -2.02 0.00	47.64 -2.43 0.00	45.54 -2.48 0.05	47.04 -2.64 0.05	44.03 -2.49 0.00

NEG WEST__LANCASTR 23811	51.18 -0.32 0.00	49.76 -0.43 0.00	44.66 -0.63 0.00	38.40 -0.54 0.00	39.15 -0.57 0.00	38.51 -0.63 0.00	40.02 -1.34 0.00	42.86 -1.23 0.00	42.55 -1.13 0.00	38.11 -0.91 0.00	38.55 -1.00 0.00	43.47 -0.72 0.00	48.85 -0.59 0.00	58.69 -0.92 0.00	57.23 -1.46 0.00	54.66 -2.53 0.00	48.43 -1.91 0.00	47.10 -1.07 0.00	47.43 -1.19 0.00	53.33 -0.74 0.00	48.56 -1.51 0.00	46.35 -1.67 0.05	47.80 -1.88 0.04	44.74 -1.78 0.00
NEG_PENN_ALLEGHNY 23528	51.71 0.02 -0.20	51.51 -0.09 -1.41	46.63 -0.20 -1.54	40.00 -0.14 -1.20	40.38 -0.19 -0.85	39.85 -0.14 -0.85	41.28 -0.17 -0.09	43.91 -0.18 0.00	43.39 -0.29 0.00	38.89 -0.28 -0.15	39.35 -0.21 0.00	44.81 -0.22 -0.85	50.30 -0.26 -1.11	60.66 -0.27 -1.32	59.07 -0.29 -0.68	57.03 -0.15 0.00	50.35 -0.21 -0.23	49.29 -0.06 -1.17	50.22 0.07 -1.53	55.51 0.34 -1.10	50.37 0.08 -0.22	48.04 -0.01 0.01	49.64 -0.07 0.01	46.43 -0.09 0.00
NEG__GEN_MONROE 24207	51.85 0.35 0.00	50.35 0.16 0.00	45.15 -0.13 0.00	38.74 -0.20 0.00	39.46 -0.26 0.00	38.88 -0.26 0.00	40.70 -0.65 0.00	43.51 -0.59 0.00	43.02 -0.66 0.00	38.41 -0.61 0.00	38.92 -0.64 0.00	43.55 -0.64 0.00	48.78 -0.66 0.00	58.74 -0.88 0.00	57.60 -1.09 0.00	55.46 -1.72 0.00	49.01 -1.32 0.00	47.40 -0.78 0.00	48.04 -0.58 0.00	53.96 -0.10 0.00	49.58 -0.49 0.00	47.36 -0.65 0.05	48.79 -0.88 0.05	45.61 -0.91 0.00
NEPA__ENERGY 23901	50.89 -0.61 0.00	49.24 -0.94 0.00	43.99 -1.30 0.00	37.87 -1.07 0.00	38.60 -1.12 0.00	38.14 -0.99 0.00	40.19 -1.16 0.00	42.99 -1.10 0.00	42.44 -1.23 0.00	37.92 -1.10 0.00	38.47 -1.09 0.00	42.98 -1.20 0.00	48.33 -1.11 0.00	58.20 -1.42 0.00	57.04 -1.65 0.00	55.30 -1.89 0.00	48.68 -1.65 0.00	46.99 -1.19 0.00	47.42 -1.21 0.00	53.49 -0.58 0.00	48.82 -1.25 0.00	46.64 -1.39 0.04	48.14 -1.55 0.04	45.07 -1.45 0.00
NEVERSINK__HYD 23608	52.73 1.23 0.00	51.22 1.03 0.00	46.05 0.76 0.00	39.54 0.60 0.00	40.28 0.57 0.00	39.66 0.52 0.00	41.98 0.62 0.00	44.77 0.68 0.00	44.44 0.76 0.00	39.80 0.79 0.00	40.49 0.94 0.00	45.43 1.24 0.00	50.92 1.48 0.00	61.45 1.83 0.00	60.70 2.01 0.00	59.57 2.39 0.00	52.41 2.08 0.00	49.95 1.77 0.00	50.41 1.78 0.00	55.83 1.76 0.00	51.68 1.61 0.00	49.61 1.54 0.00	51.33 1.60 0.00	47.94 1.41 0.00
NEWKRMKL_115KV_TB1 55635	51.56 0.06 0.00	50.42 0.23 0.00	45.49 0.20 0.00	39.13 0.19 0.00	40.01 0.29 0.00	39.39 0.25 0.00	41.50 0.14 0.00	44.21 0.12 0.00	43.82 0.14 0.00	39.17 0.16 0.00	39.65 0.10 0.00	44.38 0.19 0.00	49.77 0.33 0.00	60.03 0.42 0.00	59.25 0.56 0.00	57.88 0.70 0.00	50.89 0.56 0.00	48.52 0.34 0.00	49.01 0.38 0.00	54.33 0.26 0.00	50.40 0.33 0.00	48.44 0.37 0.00	50.20 0.47 0.00	46.93 0.41 0.00
NEWTON__FALLS_HYD 23847	52.66 1.17 0.00	51.21 1.02 0.00	46.15 0.86 0.00	39.71 0.77 0.00	40.50 0.78 0.00	39.97 0.83 0.00	42.31 0.96 0.00	45.09 1.00 0.00	44.66 0.99 0.00	39.94 0.92 0.00	40.45 0.89 0.00	44.87 0.68 0.00	50.09 0.65 0.00	60.04 0.42 0.00	58.82 0.13 0.00	57.28 0.09 0.00	50.82 0.49 0.00	48.88 0.70 0.00	49.64 1.02 0.00	55.45 1.38 0.00	51.38 1.31 0.00	49.41 1.35 0.00	51.04 1.32 0.00	47.62 1.10 0.00
NGRID_A1_DSASP 323792	49.71 -1.79 0.00	48.40 -1.79 0.00	43.41 -1.88 0.00	37.39 -1.55 0.00	38.23 -1.49 0.00	37.62 -1.52 0.00	39.18 -2.17 0.00	42.01 -2.08 0.00	41.79 -1.89 0.00	37.33 -1.68 0.00	37.80 -1.75 0.00	42.28 -1.91 0.00	47.12 -2.32 0.00	56.34 -3.27 0.00	55.22 -3.47 0.00	52.85 -4.33 0.00	46.77 -3.56 0.00	45.16 -3.01 0.00	45.32 -3.30 0.00	50.94 -3.12 0.00	46.74 -3.33 0.00	44.58 -3.44 0.05	46.15 -3.54 0.05	43.33 -3.19 0.00
NGRID_A2_DSASP 323793	49.71 -1.79 0.00	48.40 -1.79 0.00	43.41 -1.88 0.00	37.39 -1.55 0.00	38.23 -1.49 0.00	37.62 -1.52 0.00	39.18 -2.17 0.00	42.01 -2.08 0.00	41.79 -1.89 0.00	37.33 -1.68 0.00	37.80 -1.75 0.00	42.28 -1.91 0.00	47.12 -2.32 0.00	56.34 -3.27 0.00	55.22 -3.47 0.00	52.85 -4.33 0.00	46.77 -3.56 0.00	45.16 -3.01 0.00	45.32 -3.30 0.00	50.94 -3.12 0.00	46.74 -3.33 0.00	44.58 -3.44 0.05	46.15 -3.54 0.05	43.33 -3.19 0.00
NGRID_A4_DSASP 323807	49.71 -1.79 0.00	48.40 -1.79 0.00	43.41 -1.88 0.00	37.39 -1.55 0.00	38.23 -1.49 0.00	37.62 -1.52 0.00	39.18 -2.17 0.00	42.01 -2.08 0.00	41.79 -1.89 0.00	37.33 -1.68 0.00	37.80 -1.75 0.00	42.28 -1.91 0.00	47.12 -2.32 0.00	56.34 -3.27 0.00	55.22 -3.47 0.00	52.85 -4.33 0.00	46.77 -3.56 0.00	45.16 -3.01 0.00	45.32 -3.30 0.00	50.94 -3.12 0.00	46.74 -3.33 0.00	44.58 -3.44 0.05	46.15 -3.54 0.05	43.33 -3.19 0.00
NIAGARA_115E_LBMP 323715	49.23 -1.65 0.62	43.98 -1.79 4.42	38.32 -2.15 4.82	33.35 -1.83 3.76	35.24 -1.82 2.66	34.58 -1.89 2.67	38.75 -2.31 0.29	41.94 -2.15 0.00	41.68 -2.00 0.00	36.71 -1.85 0.46	37.64 -1.92 0.00	39.34 -2.19 2.66	43.62 -2.34 3.48	52.32 -3.18 4.12	53.14 -3.44 2.11	52.90 -4.28 0.00	45.90 -3.70 0.72	41.54 -3.00 3.64	40.65 -3.20 4.78	47.59 -3.05 3.43	46.02 -3.37 0.68	44.69 -3.33 0.05	46.24 -3.44 0.05	43.26 -3.26 0.00
NIAGARA_115W_LBMP 323714	48.95 -1.91 0.64	43.72 -1.86 4.61	38.33 -1.93 5.03	33.45 -1.57 3.92	35.41 -1.54 2.77	34.79 -1.56 2.79	38.81 -2.23 0.30	41.95 -2.14 0.00	41.74 -1.94 0.00	36.81 -1.73 0.48	37.76 -1.80 0.00	39.43 -1.99 2.78	43.36 -2.45 3.64	51.88 -3.43 4.30	52.87 -3.62 2.20	52.75 -4.44 0.00	45.90 -3.68 0.75	41.27 -3.11 3.80	40.22 -3.41 4.99	47.22 -3.27 3.58	45.94 -3.43 0.71	44.49 -3.53 0.05	46.05 -3.63 0.05	43.25 -3.28 0.00
NIAGARA_230_LBMP 323716	49.38 -1.47 0.65	44.04 -1.51 4.64	38.55 -1.68 5.06	33.58 -1.41 3.95	35.51 -1.42 2.79	34.87 -1.47 2.80	38.96 -2.09 0.30	42.10 -1.99 0.00	41.86 -1.82 0.00	36.95 -1.59 0.48	37.87 -1.68 0.00	39.68 -1.71 2.79	43.98 -1.80 3.66	52.76 -2.52 4.33	53.57 -2.90 2.22	53.29 -3.90 0.00	46.40 -3.17 0.76	41.86 -2.49 3.83	40.89 -2.70 5.03	47.92 -2.54 3.61	46.46 -2.90 0.71	45.12 -2.90 0.05	46.60 -3.08 0.05	43.69 -2.83 0.00
NIAGARA__115KV_198_GIBSON 55903	49.62 -1.88 0.00	48.32 -1.87 0.00	43.34 -1.95 0.00	37.34 -1.59 0.00	38.18 -1.54 0.00	37.57 -1.57 0.00	39.12 -2.23 0.00	41.95 -2.14 0.00	41.73 -1.95 0.00	37.28 -1.74 0.00	37.76 -1.80 0.00	42.20 -1.99 0.00	47.00 -2.43 0.00	56.19 -3.43 0.00	55.09 -3.60 0.00	52.75 -4.43 0.00	46.67 -3.66 0.00	45.04 -3.14 0.00	45.21 -3.42 0.00	50.81 -3.26 0.00	46.65 -3.42 0.00	44.48 -3.54 0.05	46.05 -3.64 0.05	43.25 -3.27 0.00
NIAGARA____ 23760	49.40 -1.47 0.63	44.20 -1.51 4.48	38.73 -1.68 4.88	33.72 -1.41 3.81	35.62 -1.42 2.68	34.98 -1.47 2.70	38.97 -2.09 0.29	42.10 -1.99 0.00	41.86 -1.82 0.00	36.96 -1.59 0.47	37.87 -1.68 0.00	39.75 -1.71 2.72	44.06 -1.80 3.57	52.85 -2.52 4.24	53.62 -2.90 2.17	53.29 -3.90 0.00	46.41 -3.17 0.74	41.93 -2.49 3.76	40.99 -2.70 4.93	47.98 -2.54 3.55	46.47 -2.90 0.70	45.12 -2.90 0.05	46.60 -3.08 0.05	43.69 -2.83 0.00

NINE_MILE_1 23575	49.88 -1.63 0.00	48.62 -1.57 0.00	43.98 -1.31 0.00	37.81 -1.13 0.00	38.56 -1.16 0.00	38.00 -1.13 0.00	40.09 -1.26 0.00	42.74 -1.35 0.00	42.30 -1.38 0.00	37.79 -1.23 0.00	38.32 -1.24 0.00	42.74 -1.44 0.00	47.68 -1.75 0.00	57.48 -2.14 0.00	56.55 -2.14 0.00	55.05 -2.14 0.00	48.46 -1.87 0.00	46.50 -1.67 0.00	47.01 -1.61 0.00	52.34 -1.73 0.00	48.41 -1.66 0.00	46.05 -1.64 0.38	47.62 -1.76 0.35	44.92 -1.60 0.00
NINE_MILE_2 23744	49.88 -1.63 0.00	48.62 -1.57 0.00	43.98 -1.31 0.00	37.82 -1.12 0.00	38.56 -1.16 0.00	38.00 -1.13 0.00	40.09 -1.26 0.00	42.74 -1.35 0.00	42.30 -1.38 0.00	37.79 -1.23 0.00	38.32 -1.23 0.00	42.75 -1.43 0.00	47.68 -1.75 0.00	57.48 -2.14 0.00	56.56 -2.13 0.00	55.06 -2.13 0.00	48.46 -1.87 0.00	46.51 -1.67 0.00	47.02 -1.60 0.00	52.34 -1.73 0.00	48.41 -1.66 0.00	46.05 -1.64 0.38	47.63 -1.75 0.36	44.92 -1.60 0.00
NM_CAPITAL___DRP 24208	51.65 0.15 0.00	50.52 0.33 0.00	45.59 0.30 0.00	39.20 0.26 0.00	40.09 0.37 0.00	39.47 0.34 0.00	41.56 0.20 0.00	44.28 0.19 0.00	43.89 0.21 0.00	39.24 0.23 0.00	39.71 0.15 0.00	44.46 0.27 0.00	49.84 0.40 0.00	60.14 0.52 0.00	59.33 0.64 0.00	57.94 0.75 0.00	50.92 0.59 0.00	48.55 0.38 0.00	49.05 0.42 0.00	54.36 0.29 0.00	50.45 0.38 0.00	48.50 0.43 0.00	50.30 0.57 0.00	47.03 0.51 0.00
NM_CENTRAL___DRP 24181	50.89 -0.61 0.00	49.55 -0.64 0.00	44.76 -0.53 0.00	38.47 -0.46 0.00	39.24 -0.48 0.00	38.66 -0.47 0.00	40.77 -0.58 0.00	43.47 -0.62 0.00	42.99 -0.69 0.00	38.42 -0.60 0.00	38.99 -0.57 0.00	43.54 -0.64 0.00	48.62 -0.82 0.00	58.64 -0.98 0.00	57.70 -0.99 0.00	56.19 -0.99 0.00	49.47 -0.86 0.00	47.53 -0.65 0.00	48.09 -0.54 0.00	53.57 -0.50 0.00	49.48 -0.59 0.00	47.41 -0.64 0.02	48.96 -0.74 0.02	45.81 -0.71 0.00
NM_FRONTIER___DRP 24179	49.62 -1.88 0.00	48.32 -1.87 0.00	43.34 -1.95 0.00	37.34 -1.59 0.00	38.18 -1.54 0.00	37.57 -1.57 0.00	39.12 -2.23 0.00	41.95 -2.14 0.00	41.73 -1.95 0.00	37.28 -1.74 0.00	37.76 -1.80 0.00	42.20 -1.99 0.00	47.00 -2.43 0.00	56.19 -3.43 0.00	55.09 -3.60 0.00	52.75 -4.43 0.00	46.67 -3.66 0.00	45.04 -3.14 0.00	45.21 -3.42 0.00	50.81 -3.26 0.00	46.65 -3.42 0.00	44.48 -3.54 0.05	46.05 -3.64 0.05	43.25 -3.27 0.00
NM_ST_REGIS___HYD 24053	52.42 0.91 0.00	51.01 0.82 0.00	45.93 0.65 0.00	39.61 0.67 0.00	40.41 0.68 0.00	39.93 0.79 0.00	42.28 0.93 0.00	45.11 1.02 0.00	44.80 1.12 0.00	39.98 0.97 0.00	40.47 0.91 0.00	44.85 0.66 0.00	50.17 0.73 0.00	60.57 0.95 0.00	59.58 0.89 0.00	57.87 0.69 0.00	51.24 0.92 0.00	49.16 0.98 0.00	49.51 0.89 0.00	55.16 1.10 0.00	51.10 1.03 0.00	48.77 0.70 0.00	50.44 0.71 0.00	47.13 0.61 0.00
NORTHPORT___1 23551	53.02 1.52 0.00	51.94 1.75 0.00	46.95 1.66 0.00	40.31 1.37 0.00	41.04 1.31 0.00	40.49 1.35 0.00	42.84 1.49 0.00	45.40 1.31 0.00	45.27 1.59 0.00	40.77 1.76 0.00	41.81 2.25 0.00	47.29 2.79 -0.31	52.30 2.86 0.00	61.98 2.37 0.00	60.95 2.26 0.00	60.28 3.09 0.00	53.25 2.93 0.00	50.45 2.27 0.00	50.97 2.35 0.00	55.76 1.69 0.00	52.00 1.93 0.00	50.41 2.35 0.00	52.21 2.49 0.00	49.04 2.52 0.00
NORTHPORT___2 23552	53.02 1.52 0.00	51.94 1.75 0.00	46.95 1.66 0.00	40.31 1.37 0.00	41.04 1.31 0.00	40.49 1.35 0.00	42.84 1.49 0.00	45.40 1.31 0.00	45.27 1.59 0.00	40.77 1.76 0.00	41.81 2.25 0.00	47.29 2.79 -0.31	52.30 2.86 0.00	61.98 2.37 0.00	60.95 2.26 0.00	60.28 3.09 0.00	53.25 2.93 0.00	50.45 2.27 0.00	50.97 2.35 0.00	55.76 1.69 0.00	52.00 1.93 0.00	50.41 2.35 0.00	52.21 2.49 0.00	49.04 2.52 0.00
NORTHPORT___3 23553	53.11 1.62 0.00	52.01 1.82 0.00	47.00 1.71 0.00	40.33 1.39 0.00	41.07 1.35 0.00	40.51 1.37 0.00	42.86 1.51 0.00	45.45 1.36 0.00	45.32 1.64 0.00	40.82 1.80 0.00	41.85 2.30 0.00	47.34 2.84 -0.31	52.37 2.93 0.00	62.16 2.55 0.00	61.17 2.48 0.00	60.47 3.28 0.00	53.39 3.06 0.00	50.59 2.42 0.00	51.08 2.46 0.00	55.92 1.85 0.00	52.13 2.06 0.00	50.50 2.43 0.00	52.29 2.56 0.00	49.07 2.55 0.00
NORTHPORT___4 23650	53.11 1.62 0.00	52.01 1.82 0.00	47.00 1.71 0.00	40.33 1.39 0.00	41.07 1.35 0.00	40.51 1.37 0.00	42.86 1.51 0.00	45.45 1.36 0.00	45.32 1.64 0.00	40.82 1.80 0.00	41.85 2.30 0.00	47.34 2.84 -0.31	52.37 2.93 0.00	62.16 2.55 0.00	61.17 2.48 0.00	60.47 3.28 0.00	53.39 3.06 0.00	50.59 2.42 0.00	51.08 2.46 0.00	55.92 1.85 0.00	52.13 2.06 0.00	50.50 2.43 0.00	52.29 2.56 0.00	49.07 2.55 0.00
NORTHPORT___IC 23718	53.03 1.53 0.00	51.94 1.75 0.00	46.96 1.67 0.00	40.31 1.37 0.00	41.04 1.31 0.00	40.50 1.36 0.00	42.84 1.49 0.00	45.40 1.31 0.00	45.27 1.59 0.00	40.78 1.76 0.00	41.82 2.26 0.00	47.30 2.80 -0.31	52.32 2.88 0.00	62.00 2.38 0.00	60.94 2.25 0.00	60.28 3.10 0.00	53.25 2.92 0.00	50.45 2.27 0.00	50.97 2.35 0.00	55.77 1.70 0.00	52.00 1.93 0.00	50.42 2.35 0.00	52.22 2.49 0.00	49.04 2.52 0.00
NORTH___COUNTRY_ESR 323785	51.79 0.29 0.00	50.40 0.21 0.00	45.44 0.15 0.00	39.12 0.18 0.00	39.92 0.20 0.00	39.37 0.23 0.00	41.74 0.39 0.00	44.53 0.44 0.00	44.18 0.51 0.00	39.40 0.38 0.00	39.91 0.36 0.00	44.42 0.23 0.00	49.77 0.33 0.00	59.99 0.37 0.00	58.89 0.19 0.00	57.25 0.07 0.00	50.53 0.20 0.00	48.44 0.26 0.00	48.77 0.15 0.00	54.32 0.26 0.00	50.29 0.22 0.00	48.05 -0.02 0.00	49.75 0.03 0.00	46.58 0.06 0.00
NPX_GEN_1385_PROXY 323591	52.07 0.57 0.00	51.36 1.17 0.00	46.59 1.30 0.00	40.01 1.07 0.00	40.86 1.14 0.00	40.15 1.01 0.00	41.80 1.16 0.72	42.69 0.92 2.33	42.95 1.21 1.93	40.34 1.32 0.00	41.07 1.51 0.00	44.53 1.86 1.51	32.05 1.42 18.81	22.85 0.63 37.40	44.48 0.57 14.78	58.94 1.76 0.00	52.60 2.27 0.00	49.81 1.64 0.00	50.67 2.05 0.00	55.25 1.18 0.00	51.55 1.47 0.00	49.84 1.77 0.00	51.43 1.71 0.00	48.55 2.03 0.00
NPX_GEN_CSC 323557	53.02 1.52 0.00	51.91 1.72 0.00	46.85 1.57 0.00	40.13 1.19 0.00	40.87 1.15 0.00	40.54 1.40 0.00	42.28 1.65 0.72	42.95 1.19 2.33	43.22 1.47 1.93	40.71 1.69 0.00	41.79 2.24 0.00	45.57 2.90 1.51	52.55 3.11 0.00	62.33 2.72 0.00	61.38 2.70 0.00	60.98 3.79 0.00	53.93 3.60 0.00	51.13 2.96 0.00	51.75 3.13 0.00	56.03 1.96 0.00	52.50 2.43 0.00	50.86 2.79 0.00	52.57 2.84 0.00	49.11 2.59 0.00
NSINS_S_GLNS_FALLS 23858	53.61 2.11 0.00	52.35 2.16 0.00	47.19 1.90 0.00	40.48 1.55 0.00	41.32 1.60 0.00	40.73 1.59 0.00	42.88 1.52 0.00	45.64 1.55 0.00	45.00 1.32 0.00	40.13 1.11 0.00	40.34 0.79 0.00	45.18 0.99 0.00	50.68 1.24 0.00	60.82 1.21 0.00	59.95 1.26 0.00	58.61 1.42 0.00	51.37 1.04 0.00	49.52 1.34 0.00	50.58 1.96 0.00	56.24 2.17 0.00	52.30 2.24 0.00	50.02 1.96 0.00	51.92 2.19 0.00	48.59 2.07 0.00

NUCOR_STEEL____DRP 24197	51.59 0.08 0.00	50.29 0.10 0.00	45.40 0.11 0.00	38.84 -0.10 0.00	39.64 -0.08 0.00	39.19 0.05 0.00	41.27 -0.08 0.00	44.06 -0.03 0.00	43.49 -0.19 0.00	38.58 -0.44 0.00	39.29 -0.27 0.00	43.76 -0.43 0.00	49.08 -0.37 0.00	59.13 -0.48 0.00	58.25 -0.44 0.00	56.43 -0.75 0.00	49.80 -0.53 0.00	47.99 -0.19 0.00	48.75 0.13 0.00	54.24 0.17 0.00	50.21 0.13 0.00	48.10 0.03 0.00	49.70 -0.03 0.00	46.47 -0.05 0.00
NUMBER_THREE_WT_PWR 323818	53.16 1.67 0.00	51.68 1.49 0.00	46.57 1.29 0.00	40.04 1.10 0.00	40.84 1.11 0.00	40.29 1.15 0.00	42.57 1.22 0.00	45.34 1.24 0.00	44.87 1.19 0.00	40.13 1.11 0.00	40.59 1.03 0.00	45.04 0.85 0.00	50.17 0.73 0.00	60.12 0.50 0.00	59.00 0.31 0.00	57.45 0.26 0.00	50.84 0.51 0.00	49.10 0.92 0.00	50.09 1.47 0.00	56.03 1.96 0.00	51.94 1.87 0.00	50.08 2.01 0.00	51.69 1.97 0.00	48.18 1.66 0.00
NYISO_LBMP_REFERENCE 24008	51.50 0.00 0.00	50.19 0.00 0.00	45.29 0.00 0.00	38.94 0.00 0.00	39.72 0.00 0.00	39.14 0.00 0.00	41.35 0.00 0.00	44.09 0.00 0.00	43.68 0.00 0.00	39.02 0.00 0.00	39.56 0.00 0.00	44.19 0.00 0.00	49.44 0.00 0.00	59.62 0.00 0.00	58.69 0.00 0.00	57.19 0.00 0.00	50.33 0.00 0.00	48.18 0.00 0.00	48.62 0.00 0.00	54.07 0.00 0.00	50.07 0.00 0.00	48.07 0.00 0.00	49.72 0.00 0.00	46.52 0.00 0.00
NYPA_BRENTWD____GT 24164	53.90 2.40 0.00	52.70 2.51 0.00	47.58 2.29 0.00	40.79 1.85 0.00	41.51 1.79 0.00	40.98 1.84 0.00	43.36 2.00 0.00	45.97 1.88 0.00	45.84 2.16 0.00	41.30 2.28 0.00	42.34 2.78 0.00	47.92 3.42 -0.31	53.12 3.68 0.00	63.11 3.50 0.00	62.07 3.38 0.00	61.26 4.07 0.00	54.14 3.81 0.00	51.50 3.32 0.00	51.98 3.36 0.00	56.82 2.75 0.00	52.98 2.91 0.00	51.29 3.22 0.00	53.08 3.35 0.00	49.71 3.19 0.00
NYPA_GOWANUS____GT5 24156	53.77 2.27 0.00	52.24 2.05 0.00	46.95 1.67 0.00	40.29 1.35 0.00	41.05 1.33 0.00	40.42 1.28 0.00	42.78 1.42 0.00	45.64 1.55 0.00	45.34 1.67 0.00	40.80 1.79 0.00	41.62 2.06 0.00	46.70 2.52 0.00	52.19 2.75 0.00	62.89 3.28 0.00	62.12 3.43 0.00	60.88 3.70 0.00	53.40 3.07 0.00	50.49 2.31 0.00	50.77 2.14 0.00	56.10 2.03 0.00	52.03 1.96 0.00	50.17 2.10 0.00	52.01 2.29 0.00	48.68 2.16 0.00
NYPA_GOWANUS____GT6 24157	53.77 2.27 0.00	52.24 2.05 0.00	46.95 1.67 0.00	40.29 1.35 0.00	41.05 1.33 0.00	40.42 1.28 0.00	42.78 1.42 0.00	45.64 1.55 0.00	45.34 1.67 0.00	40.80 1.79 0.00	41.62 2.06 0.00	46.70 2.52 0.00	52.19 2.75 0.00	62.89 3.28 0.00	62.12 3.43 0.00	60.88 3.70 0.00	53.40 3.07 0.00	50.49 2.31 0.00	50.77 2.14 0.00	56.10 2.03 0.00	52.03 1.96 0.00	50.17 2.10 0.00	52.01 2.29 0.00	48.68 2.16 0.00
NYPA_HARLEM__RVR__GT1 24160	53.36 1.86 0.00	51.88 1.69 0.00	46.74 1.45 0.00	40.16 1.22 0.00	40.92 1.20 0.00	40.31 1.17 0.00	42.62 1.27 0.00	45.47 1.38 0.00	45.20 1.52 0.00	40.65 1.63 0.00	41.44 1.88 0.00	46.46 2.28 0.00	51.89 2.45 0.00	62.55 2.93 0.00	61.83 3.14 0.00	60.59 3.40 0.00	53.13 2.80 0.00	50.26 2.08 0.00	50.52 1.90 0.00	55.86 1.82 0.03	51.86 1.80 0.02	49.93 1.88 0.02	51.74 2.03 0.01	48.41 1.89 0.00
NYPA_HARLEM__RVR__GT2 24161	53.36 1.86 0.00	51.88 1.69 0.00	46.74 1.45 0.00	40.16 1.22 0.00	40.92 1.20 0.00	40.31 1.17 0.00	42.62 1.27 0.00	45.47 1.38 0.00	45.20 1.52 0.00	40.65 1.63 0.00	41.44 1.88 0.00	46.46 2.28 0.00	51.89 2.45 0.00	62.55 2.93 0.00	61.83 3.14 0.00	60.59 3.40 0.00	53.13 2.80 0.00	50.26 2.08 0.00	50.52 1.90 0.00	55.86 1.82 0.03	51.86 1.80 0.02	49.93 1.88 0.02	51.74 2.03 0.01	48.41 1.89 0.00
NYPA_KENT____GT 24152	53.70 2.20 0.00	52.20 2.00 0.00	46.92 1.63 0.00	40.28 1.34 0.00	41.03 1.31 0.00	40.39 1.25 0.00	42.76 1.41 0.00	45.63 1.54 0.00	45.34 1.66 0.00	40.80 1.78 0.00	41.62 2.06 0.00	46.69 2.51 0.00	52.16 2.72 0.00	62.87 3.25 0.00	62.07 3.38 0.00	60.83 3.64 0.00	53.33 3.00 0.00	50.44 2.27 0.00	50.72 2.09 0.00	56.06 1.99 0.00	52.00 1.93 0.00	50.14 2.07 0.00	51.97 2.25 0.00	48.65 2.14 0.00
NYPA_POUCH1____GT 24155	6.37 2.20 47.33	40.77 1.96 11.38	31.82 1.56 15.03	31.78 1.26 8.42	31.78 1.23 9.17	31.77 1.18 8.54	31.77 1.34 10.91	24.73 1.44 20.80	-8.89 1.54 54.11	23.74 1.67 16.94	28.37 1.93 13.12	28.38 2.39 18.19	28.35 2.60 23.69	28.43 3.16 34.35	28.39 3.30 33.60	28.51 3.62 32.30	28.47 3.00 24.86	29.81 2.23 20.60	28.38 2.08 22.32	28.44 1.93 27.57	28.51 1.88 23.44	40.27 1.99 9.79	51.86 2.13 0.00	48.57 2.05 0.00
NYPA_VERNON____GT2 24162	53.62 2.12 0.00	52.14 1.95 0.00	46.90 1.61 0.00	40.27 1.33 0.00	41.03 1.30 0.00	40.39 1.25 0.00	42.74 1.39 0.00	45.60 1.51 0.00	45.33 1.65 0.00	40.78 1.77 0.00	41.62 2.06 0.00	46.69 2.50 0.00	52.13 2.69 0.00	62.82 3.20 0.00	62.03 3.35 0.00	60.79 3.60 0.00	53.31 2.98 0.00	50.43 2.25 0.00	50.70 2.08 0.00	56.02 1.95 0.00	51.96 1.89 0.00	50.10 2.03 0.00	51.94 2.22 0.00	48.62 2.10 0.00
NYPA_VERNON____GT3 24163	53.62 2.12 0.00	52.14 1.95 0.00	46.90 1.61 0.00	40.27 1.33 0.00	41.03 1.30 0.00	40.39 1.25 0.00	42.74 1.39 0.00	45.60 1.51 0.00	45.33 1.65 0.00	40.78 1.77 0.00	41.62 2.06 0.00	46.69 2.50 0.00	52.13 2.69 0.00	62.82 3.20 0.00	62.03 3.35 0.00	60.79 3.60 0.00	53.31 2.98 0.00	50.43 2.25 0.00	50.70 2.08 0.00	56.02 1.95 0.00	51.96 1.89 0.00	50.10 2.03 0.00	51.94 2.22 0.00	48.62 2.10 0.00
NYPA__ASTORIA_CC1 323568	53.52 2.02 0.00	52.06 1.87 0.00	46.82 1.53 0.00	40.20 1.27 0.00	40.96 1.24 0.00	40.33 1.19 0.00	42.68 1.33 0.00	45.54 1.46 0.00	45.26 1.58 0.00	40.72 1.71 0.00	41.54 1.99 0.00	46.60 2.42 0.00	52.05 2.61 0.00	62.72 3.10 0.00	61.95 3.26 0.00	60.70 3.51 0.00	53.22 2.90 0.00	50.36 2.18 0.00	50.63 2.00 0.00	55.95 1.88 0.00	51.89 1.82 0.00	50.02 1.96 0.00	51.85 2.12 0.00	48.54 2.02 0.00
NYPA__ASTORIA_CC2 323569	53.52 2.02 0.00	52.06 1.87 0.00	46.82 1.53 0.00	40.20 1.27 0.00	40.96 1.24 0.00	40.33 1.19 0.00	42.68 1.33 0.00	45.54 1.46 0.00	45.26 1.58 0.00	40.72 1.71 0.00	41.54 1.99 0.00	46.60 2.42 0.00	52.05 2.61 0.00	62.72 3.10 0.00	61.95 3.26 0.00	60.70 3.51 0.00	53.22 2.90 0.00	50.36 2.18 0.00	50.63 2.00 0.00	55.95 1.88 0.00	51.89 1.82 0.00	50.02 1.96 0.00	51.85 2.12 0.00	48.54 2.02 0.00
NYPA__HOLTSVILL 23794	53.40 1.90 0.00	52.26 2.07 0.00	47.17 1.88 0.00	40.44 1.50 0.00	41.16 1.44 0.00	40.68 1.54 0.00	43.06 1.71 0.00	45.58 1.49 0.00	45.46 1.79 0.00	40.97 1.96 0.00	42.03 2.48 0.00	47.60 3.10 -0.31	52.75 3.31 0.00	62.61 3.00 0.00	61.64 2.95 0.00	61.07 3.88 0.00	53.95 3.63 0.00	51.09 2.91 0.00	51.59 2.97 0.00	56.27 2.20 0.00	52.57 2.50 0.00	50.94 2.87 0.00	52.70 2.98 0.00	49.35 2.83 0.00

NYPA_____HELLGATE_GT1 24158	53.37 1.87 0.00	51.88 1.69 0.00	46.72 1.44 0.00	40.16 1.22 0.00	40.92 1.20 0.00	40.31 1.17 0.00	42.62 1.27 0.00	45.47 1.38 0.00	45.20 1.52 0.00	40.65 1.63 0.00	41.44 1.88 0.00	46.46 2.28 0.00	51.91 2.47 0.00	62.59 2.98 0.00	61.87 3.18 0.00	60.62 3.44 0.00	53.17 2.84 0.00	50.30 2.13 0.00	50.56 1.94 0.00	55.94 1.87 0.00	51.91 1.84 0.00	49.99 1.92 0.00	51.78 2.06 0.00	48.41 1.89 0.00
NYPA_____HELLGATE_GT2 24159	53.37 1.87 0.00	51.88 1.69 0.00	46.72 1.44 0.00	40.16 1.22 0.00	40.92 1.20 0.00	40.31 1.17 0.00	42.62 1.27 0.00	45.47 1.38 0.00	45.20 1.52 0.00	40.65 1.63 0.00	41.44 1.88 0.00	46.46 2.28 0.00	51.91 2.47 0.00	62.59 2.98 0.00	61.87 3.18 0.00	60.62 3.44 0.00	53.17 2.84 0.00	50.30 2.13 0.00	50.56 1.94 0.00	55.94 1.87 0.00	51.91 1.84 0.00	49.99 1.92 0.00	51.78 2.06 0.00	48.41 1.89 0.00
NYS_BARGE___HYD 23848	50.01 -0.92 0.57	45.06 -1.07 4.06	39.42 -1.44 4.43	34.26 -1.22 3.46	36.05 -1.22 2.44	35.41 -1.28 2.45	39.35 -1.74 0.27	42.51 -1.58 0.00	42.18 -1.49 0.00	37.19 -1.41 0.42	38.07 -1.48 0.00	40.12 -1.63 2.44	44.50 -1.74 3.20	53.46 -2.37 3.78	54.06 -2.69 1.94	53.63 -3.55 0.00	46.70 -2.97 0.66	42.55 -2.28 3.35	41.87 -2.36 4.40	48.89 -2.03 3.16	47.02 -2.43 0.62	45.54 -2.48 0.05	47.07 -2.61 0.05	44.03 -2.49 0.00
OAK ORCHARD___HYD 24046	51.00 -0.18 0.31	47.65 -0.30 2.24	42.37 -0.47 2.44	36.60 -0.43 1.91	37.91 -0.46 1.35	37.30 -0.49 1.35	40.34 -0.86 0.15	43.30 -0.79 0.00	42.91 -0.77 0.00	38.16 -0.63 0.23	38.93 -0.63 0.00	42.23 -0.61 1.35	47.08 -0.59 1.77	56.71 -0.82 2.09	56.58 -1.04 1.07	55.55 -1.64 0.00	48.73 -1.24 0.36	45.62 -0.71 1.85	45.57 -0.63 2.43	51.95 -0.38 1.74	48.99 -0.74 0.34	47.15 -0.87 0.05	48.59 -1.09 0.05	45.44 -1.09 0.00
OAKDALE___35_KV_LOAD 356122	51.34 -0.16 0.00	49.94 -0.25 0.00	44.92 -0.37 0.00	38.64 -0.29 0.00	39.40 -0.32 0.00	38.86 -0.28 0.00	41.05 -0.31 0.00	43.77 -0.32 0.00	43.26 -0.42 0.00	38.63 -0.38 0.00	39.25 -0.31 0.00	43.84 -0.35 0.00	49.05 -0.39 0.00	59.19 -0.42 0.00	58.23 -0.46 0.00	56.87 -0.32 0.00	49.95 -0.38 0.00	47.95 -0.23 0.00	48.50 -0.12 0.00	54.19 0.12 0.00	49.96 -0.11 0.00	47.87 -0.18 0.01	49.48 -0.23 0.01	46.29 -0.23 0.00
OCC_CHEM___DRP 24175	49.71 -1.79 0.00	48.40 -1.79 0.00	43.41 -1.88 0.00	37.39 -1.55 0.00	38.23 -1.49 0.00	37.62 -1.52 0.00	39.18 -2.17 0.00	42.01 -2.08 0.00	41.79 -1.89 0.00	37.33 -1.68 0.00	37.80 -1.75 0.00	42.28 -1.91 0.00	47.12 -2.32 0.00	56.34 -3.27 0.00	55.22 -3.47 0.00	52.85 -4.33 0.00	46.77 -3.56 0.00	45.16 -3.01 0.00	45.32 -3.30 0.00	50.94 -3.12 0.00	46.74 -3.33 0.00	44.58 -3.44 0.05	46.15 -3.54 0.05	43.33 -3.19 0.00
OH_GEN_PROXY 24063	49.33 -1.46 0.71	43.59 -1.51 5.09	38.06 -1.67 5.55	33.20 -1.41 4.33	35.23 -1.43 3.06	34.60 -1.46 3.07	38.23 -2.07 1.05	39.80 -1.97 2.33	39.93 -1.81 1.93	36.93 -1.56 0.53	37.92 -1.64 0.00	37.63 -1.67 4.89	43.68 -1.75 4.01	52.45 -2.43 4.74	53.46 -2.80 2.43	53.43 -3.76 0.00	46.44 -3.06 0.83	41.58 -2.40 4.19	40.50 -2.61 5.51	47.69 -2.43 3.95	46.52 -2.78 0.78	45.22 -2.80 0.05	46.69 -2.99 0.05	43.76 -2.77 0.00
OLIN_CORP_DRP 24177	49.94 -1.56 0.00	48.47 -1.72 0.00	43.21 -2.08 0.00	37.16 -1.77 0.00	37.98 -1.74 0.00	37.33 -1.81 0.00	39.10 -2.25 0.00	41.99 -2.10 0.00	41.73 -1.95 0.00	37.22 -1.79 0.00	37.70 -1.86 0.00	42.10 -2.08 0.00	47.21 -2.23 0.00	56.59 -3.03 0.00	55.40 -3.29 0.00	53.02 -4.17 0.00	46.76 -3.57 0.00	45.28 -2.89 0.00	45.54 -3.08 0.00	51.14 -2.93 0.00	46.81 -3.26 0.00	44.79 -3.23 0.05	46.32 -3.37 0.05	43.35 -3.17 0.00
OLIN_CORP_DSASP 323712	49.71 -1.79 0.00	48.40 -1.79 0.00	43.41 -1.88 0.00	37.39 -1.55 0.00	38.23 -1.49 0.00	37.62 -1.52 0.00	39.18 -2.17 0.00	42.01 -2.08 0.00	41.79 -1.89 0.00	37.33 -1.68 0.00	37.80 -1.75 0.00	42.28 -1.91 0.00	47.12 -2.32 0.00	56.34 -3.27 0.00	55.22 -3.47 0.00	52.85 -4.33 0.00	46.77 -3.56 0.00	45.16 -3.01 0.00	45.32 -3.30 0.00	50.94 -3.12 0.00	46.74 -3.33 0.00	44.58 -3.44 0.05	46.15 -3.54 0.05	43.33 -3.19 0.00
ONEIDA_HERK_LFGE 323681	52.76 1.26 0.00	51.34 1.15 0.00	46.28 0.99 0.00	39.80 0.85 0.00	40.59 0.87 0.00	40.04 0.90 0.00	42.27 0.92 0.00	45.03 0.94 0.00	44.53 0.85 0.00	39.75 0.74 0.00	40.27 0.72 0.00	44.89 0.70 0.00	50.11 0.67 0.00	60.30 0.68 0.00	59.37 0.68 0.00	57.89 0.70 0.00	51.13 0.80 0.00	49.15 0.97 0.00	49.94 1.32 0.00	55.74 1.67 0.00	51.58 1.50 0.00	49.58 1.52 0.00	51.20 1.47 0.00	47.78 1.26 0.00
ONEIDA___115KV_TB4 55905	52.65 1.15 0.00	51.25 1.06 0.00	46.22 0.93 0.00	39.71 0.77 0.00	40.49 0.77 0.00	39.94 0.80 0.00	42.14 0.79 0.00	44.88 0.79 0.00	44.24 0.56 0.00	39.39 0.38 0.00	40.00 0.44 0.00	44.66 0.47 0.00	49.93 0.49 0.00	60.37 0.75 0.00	59.35 0.66 0.00	57.99 0.80 0.00	51.18 0.85 0.00	49.07 0.89 0.00	49.86 1.24 0.00	55.65 1.58 0.00	51.44 1.36 0.00	49.35 1.30 0.01	50.95 1.23 0.01	47.59 1.07 0.00
ONONDAGA_REF_OCCRA 23987	51.19 -0.31 0.00	49.83 -0.36 0.00	45.00 -0.29 0.00	38.68 -0.26 0.00	39.44 -0.28 0.00	38.86 -0.28 0.00	41.00 -0.35 0.00	43.70 -0.39 0.00	43.20 -0.47 0.00	38.57 -0.44 0.00	39.15 -0.40 0.00	43.72 -0.47 0.00	48.83 -0.61 0.00	58.93 -0.69 0.00	57.98 -0.71 0.00	56.51 -0.67 0.00	49.76 -0.57 0.00	47.81 -0.37 0.00	48.40 -0.22 0.00	53.95 -0.12 0.00	49.82 -0.25 0.00	47.74 -0.31 0.02	49.28 -0.43 0.01	46.11 -0.41 0.00
ONONDAGA___COGEN 23986	51.13 -0.38 0.00	49.79 -0.40 0.00	44.97 -0.31 0.00	38.63 -0.30 0.00	39.41 -0.31 0.00	38.85 -0.29 0.00	40.97 -0.38 0.00	43.68 -0.41 0.00	43.19 -0.49 0.00	38.52 -0.49 0.00	39.11 -0.45 0.00	43.64 -0.54 0.00	48.76 -0.68 0.00	58.81 -0.80 0.00	57.87 -0.82 0.00	56.35 -0.83 0.00	49.62 -0.71 0.00	47.69 -0.49 0.00	48.32 -0.31 0.00	53.83 -0.24 0.00	49.74 -0.32 0.00	47.67 -0.40 0.00	49.23 -0.50 0.00	46.05 -0.47 0.00
ONTARIO___LFGE 23819	51.88 0.38 0.00	50.41 0.22 0.00	45.32 0.04 0.00	38.94 0.00 0.00	39.66 -0.06 0.00	39.15 0.01 0.00	41.25 -0.10 0.00	44.01 -0.08 0.00	43.36 -0.32 0.00	38.55 -0.47 0.00	39.15 -0.41 0.00	43.73 -0.45 0.00	49.00 -0.44 0.00	59.08 -0.53 0.00	58.00 -0.69 0.00	56.33 -0.85 0.00	49.62 -0.71 0.00	47.94 -0.23 0.00	48.84 0.21 0.00	54.92 0.85 0.00	50.48 0.41 0.00	48.26 0.22 0.03	49.76 0.06 0.03	46.47 -0.05 0.00
ORANGEVILLE_WT_PWR 323706	50.87 -0.42 0.21	48.12 -0.55 1.52	42.79 -0.84 1.66	36.93 -0.71 1.30	38.06 -0.74 0.92	37.51 -0.70 0.92	40.14 -1.11 0.10	42.98 -1.11 0.00	42.34 -1.34 0.00	37.49 -1.37 0.16	38.15 -1.40 0.00	41.76 -1.51 0.92	46.78 -1.46 1.20	56.41 -1.79 1.42	55.81 -2.15 0.73	54.32 -2.86 0.00	47.67 -2.41 0.25	45.18 -1.75 1.26	45.40 -1.57 1.65	52.03 -0.85 1.18	48.42 -1.41 0.23	46.59 -1.44 0.04	48.13 -1.56 0.04	45.02 -1.50 0.00

ORANGEVILLE___ESR 323794	50.87 -0.42 0.21	48.12 -0.55 1.52	42.79 -0.84 1.66	36.93 -0.71 1.30	38.06 -0.74 0.92	37.51 -0.70 0.92	40.14 -1.11 0.10	42.98 -1.11 0.00	42.34 -1.34 0.00	37.49 -1.37 0.16	38.15 -1.40 0.00	41.76 -1.51 0.92	46.78 -1.46 1.20	56.41 -1.79 1.42	55.81 -2.15 0.73	54.32 -2.86 0.00	47.67 -2.41 0.25	45.18 -1.75 1.26	45.40 -1.57 1.65	52.03 -0.85 1.18	48.42 -1.41 0.23	46.59 -1.44 0.04	48.13 -1.56 0.04	45.02 -1.50 0.00
OSWEGATCHIE___HYD 24044	52.67 1.17 0.00	51.21 1.02 0.00	46.14 0.86 0.00	39.70 0.76 0.00	40.50 0.78 0.00	39.96 0.83 0.00	42.31 0.96 0.00	45.09 1.00 0.00	44.66 0.99 0.00	39.94 0.92 0.00	40.45 0.89 0.00	44.87 0.68 0.00	50.09 0.64 0.00	60.04 0.42 0.00	58.82 0.13 0.00	57.28 0.09 0.00	50.82 0.49 0.00	48.88 0.70 0.00	49.63 1.02 0.00	55.45 1.38 0.00	51.38 1.31 0.00	49.41 1.35 0.00	51.04 1.32 0.00	47.62 1.10 0.00
OSWEGO___5 23606	50.26 -1.24 0.00	48.97 -1.22 0.00	44.28 -1.01 0.00	38.07 -0.87 0.00	38.82 -0.90 0.00	38.26 -0.88 0.00	40.36 -0.99 0.00	43.04 -1.05 0.00	42.58 -1.10 0.00	38.03 -0.99 0.00	38.57 -0.98 0.00	43.04 -1.15 0.00	48.04 -1.40 0.00	57.91 -1.70 0.00	56.99 -1.70 0.00	55.47 -1.72 0.00	48.83 -1.50 0.00	46.86 -1.32 0.00	47.40 -1.22 0.00	52.79 -1.29 0.00	48.81 -1.26 0.00	46.96 -1.26 -0.15	48.50 -1.37 -0.14	45.26 -1.26 0.00
OSWEGO___6 23613	50.26 -1.24 0.00	48.97 -1.22 0.00	44.28 -1.01 0.00	38.07 -0.87 0.00	38.82 -0.90 0.00	38.26 -0.88 0.00	40.36 -0.99 0.00	43.04 -1.05 0.00	42.58 -1.10 0.00	38.03 -0.99 0.00	38.57 -0.98 0.00	43.04 -1.15 0.00	48.04 -1.40 0.00	57.91 -1.70 0.00	56.99 -1.70 0.00	55.47 -1.72 0.00	48.83 -1.50 0.00	46.86 -1.32 0.00	47.40 -1.22 0.00	52.79 -1.29 0.00	48.81 -1.26 0.00	46.96 -1.26 -0.15	48.50 -1.37 -0.14	45.26 -1.26 0.00
OUTOKUMPU-AB___DRP 24206	50.87 -0.63 0.00	49.42 -0.76 0.00	44.22 -1.07 0.00	38.03 -0.91 0.00	38.84 -0.88 0.00	38.21 -0.93 0.00	39.89 -1.46 0.00	42.77 -1.33 0.00	42.48 -1.20 0.00	37.93 -1.08 0.00	38.42 -1.14 0.00	43.03 -1.16 0.00	48.17 -1.27 0.00	57.76 -1.86 0.00	56.55 -2.14 0.00	54.15 -3.03 0.00	47.89 -2.44 0.00	46.36 -1.81 0.00	46.67 -1.95 0.00	52.47 -1.60 0.00	48.04 -2.03 0.00	45.83 -2.19 0.05	47.34 -2.35 0.04	44.37 -2.16 0.00
OXBOW___BTM 323836	49.59 -1.28 0.64	44.32 -1.31 4.56	38.81 -1.50 4.98	33.82 -1.24 3.88	35.75 -1.23 2.75	35.13 -1.25 2.76	39.18 -1.87 0.30	42.34 -1.76 0.00	42.09 -1.59 0.00	37.13 -1.41 0.47	38.08 -1.48 0.00	39.87 -1.57 2.75	44.01 -1.83 3.60	52.75 -2.61 4.26	53.66 -2.85 2.18	53.45 -3.73 0.00	46.55 -3.03 0.74	42.00 -2.41 3.76	41.05 -2.64 4.94	48.14 -2.38 3.55	46.66 -2.71 0.70	45.19 -2.83 0.05	46.71 -2.97 0.05	43.80 -2.72 0.00
OXBOW___ 24026	50.25 -1.25 0.00	48.87 -1.32 0.00	43.77 -1.52 0.00	37.67 -1.27 0.00	38.49 -1.23 0.00	37.88 -1.26 0.00	39.48 -1.88 0.00	42.34 -1.75 0.00	42.09 -1.59 0.00	37.59 -1.42 0.00	38.07 -1.49 0.00	42.62 -1.56 0.00	47.61 -1.83 0.00	57.01 -2.60 0.00	55.85 -2.84 0.00	53.47 -3.72 0.00	47.32 -3.02 0.00	45.75 -2.43 0.00	45.99 -2.64 0.00	51.69 -2.38 0.00	47.37 -2.70 0.00	45.18 -2.84 0.05	46.71 -2.97 0.05	43.81 -2.71 0.00
OXY_CHEM_DSASP 323612	49.71 -1.79 0.00	48.40 -1.79 0.00	43.41 -1.88 0.00	37.39 -1.55 0.00	38.23 -1.49 0.00	37.62 -1.52 0.00	39.18 -2.17 0.00	42.01 -2.08 0.00	41.79 -1.89 0.00	37.33 -1.68 0.00	37.80 -1.75 0.00	42.28 -1.91 0.00	47.12 -2.32 0.00	56.34 -3.27 0.00	55.22 -3.47 0.00	52.85 -4.33 0.00	46.77 -3.56 0.00	45.16 -3.01 0.00	45.32 -3.30 0.00	50.94 -3.12 0.00	46.74 -3.33 0.00	44.58 -3.44 0.05	46.15 -3.54 0.05	43.33 -3.19 0.00
OZONE_PARK_ESR 323760	54.30 2.80 0.00	52.72 2.53 0.00	47.36 2.07 0.00	40.65 1.71 0.00	41.39 1.67 0.00	40.75 1.61 0.00	43.14 1.79 0.00	46.00 1.92 0.00	45.72 2.04 0.00	41.16 2.14 0.00	41.98 2.43 0.00	47.15 2.96 0.00	52.70 3.26 0.00	63.49 3.88 0.00	62.72 4.04 0.00	61.43 4.25 0.00	53.87 3.54 0.00	51.00 2.82 0.00	51.30 2.68 0.00	56.66 2.60 0.00	52.51 2.44 0.00	50.61 2.54 0.00	52.51 2.79 0.00	49.13 2.61 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	49.71 -1.79 0.00	48.40 -1.79 0.00	43.41 -1.88 0.00	37.39 -1.55 0.00	38.23 -1.49 0.00	37.62 -1.52 0.00	39.18 -2.17 0.00	42.01 -2.08 0.00	41.79 -1.89 0.00	37.33 -1.68 0.00	37.80 -1.75 0.00	42.28 -1.91 0.00	47.12 -2.32 0.00	56.34 -3.27 0.00	55.22 -3.47 0.00	52.85 -4.33 0.00	46.77 -3.56 0.00	45.16 -3.01 0.00	45.32 -3.30 0.00	50.94 -3.12 0.00	46.74 -3.33 0.00	44.58 -3.44 0.05	46.15 -3.54 0.05	43.33 -3.19 0.00
PACKARD__115KV_DUPONT_184 80571	49.05 -1.81 0.64	43.81 -1.77 4.61	38.41 -1.85 5.02	33.50 -1.52 3.92	35.47 -1.48 2.77	34.84 -1.52 2.78	38.86 -2.19 0.30	42.02 -2.08 0.00	41.79 -1.89 0.00	36.86 -1.67 0.48	37.80 -1.75 0.00	39.51 -1.90 2.77	43.48 -2.33 3.63	52.03 -3.30 4.30	53.00 -3.49 2.20	52.84 -4.34 0.00	46.00 -3.58 0.75	41.38 -3.00 3.80	40.33 -3.30 4.99	47.35 -3.14 3.58	46.03 -3.34 0.71	44.59 -3.43 0.05	46.15 -3.54 0.05	43.32 -3.20 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	53.51 2.02 0.00	52.02 1.83 0.00	46.83 1.54 0.00	40.20 1.26 0.00	40.98 1.26 0.00	40.35 1.21 0.00	42.69 1.34 0.00	45.53 1.44 0.00	45.24 1.56 0.00	40.69 1.67 0.00	41.48 1.92 0.00	46.53 2.35 0.00	52.02 2.58 0.00	62.72 3.10 0.00	61.97 3.28 0.00	60.72 3.53 0.00	53.25 2.93 0.00	50.41 2.24 0.00	50.69 2.06 0.00	56.11 2.04 0.00	52.04 1.97 0.00	50.13 2.06 0.00	51.93 2.20 0.00	48.56 2.04 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	54.62 3.12 0.00	53.10 2.91 0.00	47.78 2.50 0.00	41.10 2.16 0.00	41.87 2.15 0.00	41.24 2.10 0.00	43.61 2.26 0.00	46.49 2.40 0.00	46.16 2.48 0.00	41.51 2.49 0.00	42.30 2.74 0.00	47.42 3.23 0.00	52.97 3.53 0.00	63.84 4.22 0.00	63.02 4.33 0.00	61.75 4.56 0.00	54.17 3.84 0.00	51.30 3.13 0.00	51.46 2.84 0.00	57.00 2.92 0.00	52.86 2.79 0.00	50.96 2.89 0.00	52.79 3.06 0.00	49.18 2.66 0.00
PATROON__115KV_TB1 80586	51.75 0.24 0.00	50.59 0.40 0.00	45.66 0.37 0.00	39.26 0.32 0.00	40.15 0.43 0.00	39.52 0.38 0.00	41.62 0.27 0.00	44.34 0.25 0.00	43.95 0.27 0.00	39.30 0.28 0.00	39.77 0.22 0.00	44.54 0.35 0.00	49.94 0.50 0.00	60.25 0.63 0.00	59.44 0.75 0.00	58.09 0.91 0.00	51.06 0.74 0.00	48.70 0.52 0.00	49.19 0.56 0.00	54.53 0.46 0.00	50.59 0.52 0.00	48.61 0.54 0.00	50.37 0.65 0.00	47.09 0.57 0.00
PATTRSNVILLE___SOLAR 323815	52.83 1.33 0.00	51.49 1.30 0.00	46.44 1.16 0.00	39.91 0.98 0.00	40.70 0.97 0.00	40.09 0.95 0.00	42.30 0.95 0.00	44.95 0.86 0.00	44.16 0.48 0.00	39.27 0.26 0.00	39.72 0.16 0.00	44.55 0.37 0.00	50.07 0.63 0.00	60.30 0.69 0.00	59.69 1.00 0.00	57.86 0.67 0.00	51.23 0.91 0.00	49.21 1.03 0.00	49.89 1.27 0.00	55.57 1.50 0.00	51.53 1.46 0.00	49.43 1.37 0.00	51.13 1.40 0.00	47.79 1.27 0.00

PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	51.36 -0.14 0.00	49.87 -0.32 0.00	44.71 -0.58 0.00	38.43 -0.51 0.00	39.20 -0.52 0.00	38.55 -0.58 0.00	40.13 -1.22 0.00	43.00 -1.10 0.00	42.68 -0.99 0.00	38.21 -0.81 0.00	38.68 -0.88 0.00	43.53 -0.66 0.00	48.94 -0.50 0.00	58.79 -0.83 0.00	57.38 -1.31 0.00	54.87 -2.32 0.00	48.59 -1.74 0.00	47.23 -0.95 0.00	47.57 -1.05 0.00	53.49 -0.58 0.00	48.73 -1.34 0.00	46.52 -1.51 0.05	47.99 -1.70 0.04	44.89 -1.63 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	53.57 2.07 0.00	52.07 1.88 0.00	46.82 1.53 0.00	40.20 1.26 0.00	40.97 1.25 0.00	40.33 1.19 0.00	42.66 1.31 0.00	45.50 1.41 0.00	45.19 1.51 0.00	40.61 1.59 0.00	41.40 1.84 0.00	46.45 2.27 0.00	52.05 2.61 0.00	62.77 3.15 0.00	61.98 3.29 0.00	60.77 3.59 0.00	53.40 3.07 0.00	50.74 2.56 0.00	51.12 2.50 0.00	56.55 2.48 0.00	52.35 2.28 0.00	50.30 2.23 0.00	52.08 2.35 0.00	48.68 2.16 0.00
PEEKSKILL____ 23653	53.19 1.70 0.00	51.69 1.50 0.00	46.47 1.18 0.00	39.93 0.98 0.00	40.68 0.96 0.00	40.04 0.90 0.00	42.38 1.03 0.00	45.19 1.10 0.00	44.90 1.22 0.00	40.35 1.33 0.00	41.13 1.58 0.00	46.16 1.98 0.00	51.70 2.25 0.00	62.31 2.69 0.00	61.54 2.85 0.00	60.28 3.09 0.00	52.94 2.61 0.00	50.21 2.03 0.00	50.60 1.98 0.00	55.98 1.91 0.00	51.84 1.77 0.00	49.85 1.78 0.00	51.66 1.93 0.00	48.32 1.80 0.00
PGE MADISON____WINDPWR 24146	54.61 3.11 0.00	53.20 3.01 0.00	47.86 2.57 0.00	41.04 2.10 0.00	41.74 2.02 0.00	41.20 2.06 0.00	43.40 2.05 0.00	46.20 2.10 0.00	45.63 1.95 0.00	40.19 1.18 0.00	40.47 0.92 0.00	45.07 0.89 0.00	50.51 1.07 0.00	61.55 1.93 0.00	60.39 1.70 0.00	59.48 2.30 0.00	51.62 1.29 0.00	50.88 2.71 0.00	51.71 3.09 0.00	57.99 3.92 0.00	53.51 3.44 0.00	50.84 2.78 0.01	52.76 3.05 0.01	49.37 2.85 0.00
PIERCEFIELD____HYD 23852	52.24 0.73 0.00	50.83 0.64 0.00	45.79 0.51 0.00	39.45 0.51 0.00	40.21 0.49 0.00	39.70 0.56 0.00	42.13 0.78 0.00	44.90 0.80 0.00	44.54 0.87 0.00	39.75 0.74 0.00	40.30 0.75 0.00	44.72 0.54 0.00	50.10 0.65 0.00	60.11 0.49 0.00	58.83 0.14 0.00	57.35 0.16 0.00	50.97 0.64 0.00	48.75 0.57 0.00	49.11 0.48 0.00	54.77 0.69 0.00	50.78 0.71 0.00	48.71 0.64 0.00	50.34 0.61 0.00	47.05 0.52 0.00
PINELAWN_CC_1 323563	53.76 2.26 0.00	52.49 2.30 0.00	47.35 2.06 0.00	40.60 1.67 0.00	41.33 1.61 0.00	40.77 1.63 0.00	43.15 1.79 0.00	45.78 1.69 0.00	45.64 1.96 0.00	41.11 2.09 0.00	42.10 2.55 0.00	47.64 3.15 -0.31	52.83 3.39 0.00	62.89 3.28 0.00	61.91 3.22 0.00	61.15 3.97 0.00	53.99 3.66 0.00	51.26 3.08 0.00	51.74 3.11 0.00	56.70 2.63 0.00	52.82 2.75 0.00	51.07 3.00 0.00	52.82 3.09 0.00	49.50 2.99 0.00
PJM_GEN_HTP_PROXY 323702	53.44 2.08 0.13	50.87 1.86 1.19	46.79 1.50 0.00	40.18 1.24 0.00	40.93 1.21 0.00	40.30 1.16 0.00	42.65 1.30 0.00	45.49 1.41 0.00	45.22 1.55 0.00	40.68 1.66 0.00	41.51 1.95 0.00	46.59 2.41 0.00	53.35 2.65 -1.25	62.76 3.14 0.00	61.97 3.28 0.00	60.72 3.53 0.00	55.01 2.93 -1.76	50.41 2.24 0.00	50.73 2.11 0.00	56.03 1.96 0.00	51.91 1.85 0.00	50.14 1.96 -0.11	51.90 2.18 0.00	48.57 2.05 0.00
PJM_GEN_KEYSTONE 24065	42.83 0.05 8.72	38.90 -0.15 11.14	30.55 -0.40 14.34	32.25 -0.31 6.38	32.62 -0.36 6.74	34.55 -0.32 4.26	39.85 -0.34 1.16	34.45 -0.31 9.33	29.87 -0.29 13.53	25.00 -0.12 13.90	38.68 0.04 0.92	39.40 0.14 4.93	44.46 0.21 5.19	51.79 0.24 8.07	53.72 0.28 5.25	55.21 0.29 2.26	49.56 0.20 0.97	41.80 0.07 6.45	40.54 0.06 8.14	47.63 0.21 6.65	49.35 -0.08 0.64	45.84 -0.15 2.08	37.37 -0.14 12.22	30.15 -0.13 16.24
PJM_GEN_NEPTUNE_PROXY 323594	53.11 1.74 0.13	50.76 1.75 1.19	46.85 1.56 0.00	40.20 1.27 0.00	40.92 1.20 0.00	40.36 1.22 0.00	42.69 1.34 0.00	45.36 1.27 0.00	45.20 1.52 0.00	40.70 1.68 0.00	41.69 2.13 0.00	47.13 2.64 -0.31	53.48 2.79 -1.25	62.35 2.73 0.00	61.47 2.79 0.00	60.63 3.44 0.00	55.19 3.10 -1.76	50.63 2.45 0.00	51.08 2.46 0.00	56.10 2.02 0.00	52.21 2.14 0.00	50.53 2.35 -0.11	52.15 2.43 0.00	48.84 2.32 0.00
PJM_GEN_VFT_PROXY 323633	6.05 2.01 47.46	30.50 1.78 21.46	31.69 1.43 15.03	31.69 1.17 8.42	31.69 1.15 9.17	31.69 1.09 8.54	31.69 1.25 10.91	24.65 1.36 20.80	-8.96 1.47 54.11	23.67 1.60 16.94	28.31 1.87 13.12	28.31 2.31 18.19	29.56 2.56 22.44	28.31 3.04 34.35	28.31 3.21 33.60	28.31 3.42 32.30	30.07 2.85 23.11	29.76 2.18 20.60	28.31 2.01 22.32	28.31 1.81 27.57	28.31 1.68 23.44	40.14 1.74 9.68	51.66 1.93 0.00	48.36 1.84 0.00
PLATSBURG_115KV_PMLD1 355749	52.41 0.91 0.00	51.01 0.82 0.00	45.96 0.68 0.00	39.60 0.66 0.00	40.38 0.66 0.00	39.84 0.70 0.00	42.19 0.83 0.00	44.98 0.89 0.00	44.59 0.92 0.00	39.83 0.81 0.00	40.33 0.77 0.00	44.89 0.70 0.00	50.36 0.92 0.00	60.71 1.10 0.00	59.55 0.86 0.00	57.93 0.75 0.00	51.03 0.70 0.00	48.95 0.77 0.00	49.38 0.76 0.00	54.97 0.90 0.00	50.91 0.84 0.00	48.64 0.57 0.00	50.35 0.63 0.00	47.17 0.65 0.00
PLEASANTVLY____LBMP 24000	52.80 1.30 0.00	51.38 1.19 0.00	46.24 0.95 0.00	39.71 0.77 0.00	40.49 0.77 0.00	39.86 0.72 0.00	42.15 0.79 0.00	44.93 0.83 0.00	44.61 0.93 0.00	40.06 1.04 0.00	40.80 1.25 0.00	45.77 1.58 0.00	51.26 1.82 0.00	61.84 2.23 0.00	61.05 2.36 0.00	59.81 2.63 0.00	52.50 2.17 0.00	49.85 1.67 0.00	50.22 1.60 0.00	55.58 1.51 0.00	51.51 1.44 0.00	49.53 1.46 0.00	51.33 1.60 0.00	48.01 1.49 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	53.48 1.98 0.00	51.96 1.77 0.00	46.71 1.42 0.00	40.13 1.19 0.00	40.88 1.16 0.00	40.24 1.11 0.00	42.58 1.23 0.00	45.40 1.31 0.00	45.13 1.45 0.00	40.56 1.55 0.00	41.37 1.81 0.00	46.42 2.23 0.00	51.98 2.54 0.00	62.65 3.03 0.00	61.85 3.16 0.00	60.61 3.42 0.00	53.22 2.90 0.00	50.49 2.31 0.00	50.84 2.22 0.00	56.20 2.13 0.00	52.04 1.97 0.00	50.09 2.02 0.00	51.90 2.18 0.00	48.53 2.01 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	53.48 1.98 0.00	51.96 1.77 0.00	46.71 1.42 0.00	40.13 1.19 0.00	40.88 1.16 0.00	40.24 1.11 0.00	42.58 1.23 0.00	45.40 1.31 0.00	45.13 1.45 0.00	40.56 1.55 0.00	41.37 1.81 0.00	46.42 2.23 0.00	51.98 2.54 0.00	62.65 3.03 0.00	61.85 3.16 0.00	60.61 3.42 0.00	53.22 2.90 0.00	50.49 2.31 0.00	50.84 2.22 0.00	56.20 2.13 0.00	52.04 1.97 0.00	50.09 2.02 0.00	51.90 2.18 0.00	48.53 2.01 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	53.23 1.73 0.00	51.80 1.61 0.00	46.60 1.32 0.00	40.02 1.09 0.00	40.82 1.09 0.00	40.18 1.04 0.00	42.46 1.11 0.00	45.27 1.18 0.00	44.92 1.24 0.00	40.31 1.29 0.00	41.03 1.47 0.00	46.03 1.85 0.00	51.55 2.12 0.00	62.26 2.64 0.00	61.45 2.76 0.00	60.20 3.01 0.00	52.92 2.59 0.00	50.35 2.17 0.00	50.78 2.16 0.00	56.21 2.14 0.00	52.07 2.00 0.00	50.03 1.96 0.00	51.80 2.07 0.00	48.42 1.90 0.00

POLETTI____ 23519	53.63 2.12 0.00	52.10 1.91 0.00	46.83 1.54 0.00	40.21 1.27 0.00	40.96 1.24 0.00	40.33 1.19 0.00	42.69 1.34 0.00	45.53 1.44 0.00	45.25 1.57 0.00	40.72 1.70 0.00	41.54 1.99 0.00	46.63 2.44 0.00	52.12 2.68 0.00	62.80 3.19 0.00	62.02 3.33 0.00	60.75 3.57 0.00	53.24 2.91 0.00	50.34 2.16 0.00	50.63 2.01 0.00	55.92 1.86 0.01	51.82 1.75 0.00	50.01 1.94 0.00	51.94 2.21 0.00	48.60 2.08 0.00
POMONA____ESR 323819	53.27 1.77 0.00	51.73 1.54 0.00	46.50 1.21 0.00	39.94 1.00 0.00	40.70 0.98 0.00	40.06 0.92 0.00	42.41 1.06 0.00	45.23 1.14 0.00	44.92 1.24 0.00	40.36 1.34 0.00	41.17 1.61 0.00	46.21 2.02 0.00	51.78 2.34 0.00	62.43 2.81 0.00	61.69 3.00 0.00	60.41 3.22 0.00	53.07 2.74 0.00	50.35 2.17 0.00	50.75 2.13 0.00	56.18 2.10 0.00	52.00 1.93 0.00	49.95 1.88 0.00	51.75 2.02 0.00	48.40 1.88 0.00
PORT_JEFF_3 23555	53.43 1.93 0.00	52.32 2.13 0.00	47.22 1.93 0.00	40.48 1.54 0.00	41.20 1.47 0.00	40.72 1.58 0.00	43.11 1.76 0.00	45.63 1.54 0.00	45.52 1.85 0.00	41.02 2.00 0.00	42.09 2.54 0.00	47.68 3.18 -0.31	52.84 3.40 0.00	62.71 3.09 0.00	61.73 3.05 0.00	61.17 3.98 0.00	53.94 3.61 0.00	50.99 2.82 0.00	51.52 2.89 0.00	56.17 2.10 0.00	52.53 2.46 0.00	50.96 2.89 0.00	52.79 3.07 0.00	49.42 2.90 0.00
PORT_JEFF_4 23616	53.43 1.93 0.00	52.32 2.13 0.00	47.22 1.93 0.00	40.48 1.54 0.00	41.20 1.47 0.00	40.72 1.58 0.00	43.11 1.76 0.00	45.63 1.54 0.00	45.52 1.85 0.00	41.02 2.00 0.00	42.09 2.54 0.00	47.68 3.18 -0.31	52.84 3.40 0.00	62.71 3.09 0.00	61.73 3.05 0.00	61.17 3.98 0.00	53.94 3.61 0.00	50.99 2.82 0.00	51.52 2.89 0.00	56.17 2.10 0.00	52.53 2.46 0.00	50.96 2.89 0.00	52.79 3.07 0.00	49.42 2.90 0.00
PORT_JEFF_IC 23713	53.51 2.01 0.00	52.39 2.20 0.00	47.28 1.99 0.00	40.52 1.58 0.00	41.24 1.52 0.00	40.77 1.63 0.00	43.17 1.82 0.00	45.68 1.59 0.00	45.58 1.91 0.00	41.09 2.07 0.00	42.16 2.61 0.00	47.76 3.26 -0.31	52.96 3.52 0.00	62.86 3.25 0.00	61.88 3.19 0.00	61.34 4.15 0.00	54.14 3.81 0.00	51.20 3.02 0.00	51.71 3.08 0.00	56.35 2.28 0.00	52.69 2.62 0.00	51.08 3.01 0.00	52.89 3.16 0.00	49.47 2.95 0.00
PPL PILGRIM_ST_GT1 24216	53.90 2.40 0.00	52.70 2.51 0.00	47.58 2.29 0.00	40.79 1.85 0.00	41.51 1.79 0.00	40.98 1.84 0.00	43.36 2.00 0.00	45.97 1.88 0.00	45.84 2.16 0.00	41.30 2.28 0.00	42.34 2.78 0.00	47.92 3.42 -0.31	53.12 3.68 0.00	63.11 3.50 0.00	62.07 3.38 0.00	61.26 4.07 0.00	54.14 3.81 0.00	51.50 3.32 0.00	51.98 3.36 0.00	56.82 2.75 0.00	52.98 2.91 0.00	51.29 3.22 0.00	53.08 3.35 0.00	49.71 3.19 0.00
PPL PILGRIM_ST_GT2 24217	53.90 2.40 0.00	52.70 2.51 0.00	47.58 2.29 0.00	40.79 1.85 0.00	41.51 1.79 0.00	40.98 1.84 0.00	43.36 2.00 0.00	45.97 1.88 0.00	45.84 2.16 0.00	41.30 2.28 0.00	42.34 2.78 0.00	47.92 3.42 -0.31	53.12 3.68 0.00	63.11 3.50 0.00	62.07 3.38 0.00	61.26 4.07 0.00	54.14 3.81 0.00	51.50 3.32 0.00	51.98 3.36 0.00	56.82 2.75 0.00	52.98 2.91 0.00	51.29 3.22 0.00	53.08 3.35 0.00	49.71 3.19 0.00
PPL_SHRM_GT3 24213	53.06 1.56 0.00	51.96 1.77 0.00	46.89 1.60 0.00	40.16 1.23 0.00	40.90 1.18 0.00	40.56 1.42 0.00	43.02 1.67 0.00	45.32 1.23 0.00	45.16 1.49 0.00	40.72 1.71 0.00	41.82 2.26 0.00	47.42 2.92 -0.31	52.57 3.13 0.00	62.34 2.72 0.00	61.39 2.71 0.00	61.03 3.85 0.00	53.97 3.64 0.00	51.15 2.97 0.00	51.77 3.15 0.00	56.08 2.00 0.00	52.54 2.47 0.00	50.90 2.83 0.00	52.62 2.89 0.00	49.15 2.63 0.00
PPL_SHRM_GT4 24214	53.06 1.56 0.00	51.96 1.77 0.00	46.89 1.60 0.00	40.16 1.23 0.00	40.90 1.18 0.00	40.56 1.42 0.00	43.02 1.67 0.00	45.32 1.23 0.00	45.16 1.49 0.00	40.72 1.71 0.00	41.82 2.26 0.00	47.42 2.92 -0.31	52.57 3.13 0.00	62.34 2.72 0.00	61.39 2.71 0.00	61.03 3.85 0.00	53.97 3.64 0.00	51.15 2.97 0.00	51.77 3.15 0.00	56.08 2.00 0.00	52.54 2.47 0.00	50.90 2.83 0.00	52.62 2.89 0.00	49.15 2.63 0.00
PROJECT____ORANGE 1 24174	50.90 -0.60 0.00	49.56 -0.63 0.00	44.78 -0.51 0.00	38.49 -0.45 0.00	39.25 -0.47 0.00	38.67 -0.47 0.00	40.79 -0.56 0.00	43.48 -0.61 0.00	43.01 -0.67 0.00	38.44 -0.58 0.00	39.01 -0.54 0.00	43.57 -0.61 0.00	48.64 -0.80 0.00	58.66 -0.95 0.00	57.74 -0.95 0.00	56.23 -0.96 0.00	49.50 -0.83 0.00	47.54 -0.64 0.00	48.11 -0.51 0.00	53.61 -0.47 0.00	49.50 -0.57 0.00	47.43 -0.62 0.02	48.97 -0.74 0.02	45.84 -0.68 0.00
PROJECT____ORANGE 2 24166	50.90 -0.60 0.00	49.56 -0.63 0.00	44.78 -0.51 0.00	38.49 -0.45 0.00	39.25 -0.47 0.00	38.67 -0.47 0.00	40.79 -0.56 0.00	43.48 -0.61 0.00	43.01 -0.67 0.00	38.44 -0.58 0.00	39.01 -0.54 0.00	43.57 -0.61 0.00	48.64 -0.80 0.00	58.66 -0.95 0.00	57.74 -0.95 0.00	56.23 -0.96 0.00	49.50 -0.83 0.00	47.54 -0.64 0.00	48.11 -0.51 0.00	53.61 -0.47 0.00	49.50 -0.57 0.00	47.43 -0.62 0.02	48.97 -0.74 0.02	45.84 -0.68 0.00
PUCKETT____SOLAR 323809	52.27 0.57 -0.20	52.10 0.48 -1.43	47.14 0.30 -1.56	40.39 0.24 -1.22	40.76 0.18 -0.86	40.21 0.21 -0.86	41.62 0.17 -0.09	44.23 0.14 0.00	43.72 0.04 0.00	39.00 -0.17 -0.15	39.39 -0.16 0.00	44.81 -0.23 -0.86	50.28 -0.28 -1.12	60.91 -0.04 -1.33	59.27 -0.10 -0.68	57.21 0.03 0.00	50.43 -0.13 -0.23	49.66 0.31 -1.18	50.70 0.53 -1.55	56.19 1.02 -1.11	51.02 0.73 -0.22	48.59 0.53 0.01	50.27 0.55 0.01	47.00 0.48 0.00
PYRITES____HYD 24023	53.17 1.67 0.00	51.74 1.55 0.00	46.58 1.29 0.00	40.13 1.19 0.00	40.93 1.21 0.00	40.41 1.27 0.00	42.88 1.53 0.00	45.67 1.58 0.00	45.15 1.47 0.00	40.27 1.25 0.00	40.84 1.29 0.00	45.20 1.02 0.00	50.64 1.20 0.00	60.62 1.00 0.00	59.13 0.44 0.00	57.82 0.63 0.00	51.81 1.49 0.00	49.50 1.32 0.00	49.89 1.27 0.00	55.83 1.76 0.00	51.74 1.67 0.00	49.61 1.54 0.00	51.22 1.50 0.00	47.88 1.36 0.00
QUAKERRD_115KV_BK1 80622	50.13 -1.37 0.00	48.74 -1.45 0.00	43.86 -1.43 0.00	37.68 -1.26 0.00	38.44 -1.28 0.00	37.85 -1.29 0.00	39.70 -1.65 0.00	42.43 -1.66 0.00	42.04 -1.64 0.00	37.61 -1.40 0.00	38.14 -1.41 0.00	42.73 -1.45 0.00	47.89 -1.55 0.00	57.57 -2.04 0.00	56.50 -2.19 0.00	54.51 -2.68 0.00	48.16 -2.17 0.00	46.49 -1.69 0.00	47.00 -1.62 0.00	52.53 -1.54 0.00	48.31 -1.76 0.00	46.18 -1.84 0.05	47.61 -2.07 0.05	44.55 -1.97 0.00
QUENSBRY_115KV_TB8 356137	53.74 2.24 0.00	52.44 2.25 0.00	47.25 1.97 0.00	40.54 1.61 0.00	41.37 1.65 0.00	40.77 1.63 0.00	42.93 1.58 0.00	45.70 1.61 0.00	45.06 1.38 0.00	40.20 1.18 0.00	40.38 0.82 0.00	45.21 1.03 0.00	50.73 1.30 0.00	60.84 1.23 0.00	59.93 1.23 0.00	58.60 1.41 0.00	51.35 1.02 0.00	49.53 1.35 0.00	50.64 2.02 0.00	56.30 2.23 0.00	52.36 2.30 0.00	50.06 1.99 0.00	51.96 2.23 0.00	48.65 2.13 0.00

RAMAPO____LBMP 323565	53.00 1.50 0.00	51.48 1.29 0.00	46.27 0.98 0.00	39.75 0.81 0.00	40.50 0.78 0.00	39.87 0.73 0.00	42.22 0.87 0.00	45.03 0.94 0.00	44.71 1.04 0.00	40.16 1.14 0.00	40.93 1.38 0.00	45.94 1.75 0.00	51.49 2.05 0.00	62.07 2.45 0.00	61.32 2.63 0.00	60.05 2.86 0.00	52.76 2.43 0.00	50.06 1.88 0.00	50.48 1.86 0.00	55.91 1.84 0.00	51.76 1.69 0.00	49.71 1.64 0.00	51.50 1.77 0.00	48.16 1.64 0.00
RANKINE____ 23646	51.23 -0.27 0.00	49.74 -0.45 0.00	44.52 -0.76 0.00	38.29 -0.65 0.00	39.05 -0.67 0.00	38.44 -0.70 0.00	40.11 -1.24 0.00	42.97 -1.13 0.00	42.61 -1.07 0.00	38.09 -0.92 0.00	38.57 -0.99 0.00	43.30 -0.89 0.00	48.66 -0.78 0.00	58.47 -1.14 0.00	57.10 -1.59 0.00	54.67 -2.52 0.00	48.39 -1.94 0.00	46.91 -1.27 0.00	47.26 -1.36 0.00	53.18 -0.89 0.00	48.55 -1.52 0.00	46.39 -1.63 0.05	47.88 -1.81 0.04	44.80 -1.72 0.00
RAVENSWOOD_GT2_1 24244	53.64 2.14 0.00	52.12 1.93 0.00	46.85 1.56 0.00	40.22 1.28 0.00	40.98 1.26 0.00	40.34 1.20 0.00	42.70 1.35 0.00	45.55 1.46 0.00	45.27 1.59 0.00	40.72 1.71 0.00	41.55 2.00 0.00	46.64 2.45 0.00	52.14 2.69 0.00	62.82 3.20 0.00	62.02 3.34 0.00	60.77 3.58 0.00	53.27 2.95 0.00	50.39 2.21 0.00	50.68 2.06 0.00	55.98 1.91 0.00	51.87 1.80 0.00	50.04 1.97 0.00	51.95 2.23 0.00	48.61 2.09 0.00
RAVENSWOOD_GT2_2 24245	53.64 2.14 0.00	52.12 1.93 0.00	46.85 1.56 0.00	40.22 1.28 0.00	40.98 1.26 0.00	40.34 1.20 0.00	42.70 1.35 0.00	45.55 1.46 0.00	45.27 1.59 0.00	40.72 1.71 0.00	41.55 2.00 0.00	46.64 2.45 0.00	52.14 2.69 0.00	62.82 3.20 0.00	62.02 3.34 0.00	60.77 3.58 0.00	53.27 2.95 0.00	50.39 2.21 0.00	50.68 2.06 0.00	55.98 1.91 0.00	51.87 1.80 0.00	50.04 1.97 0.00	51.95 2.23 0.00	48.61 2.09 0.00
RAVENSWOOD_GT2_3 24246	53.66 2.16 0.00	52.14 1.95 0.00	46.87 1.58 0.00	40.24 1.30 0.00	40.99 1.27 0.00	40.36 1.22 0.00	42.72 1.37 0.00	45.56 1.47 0.00	45.29 1.61 0.00	40.75 1.73 0.00	41.57 2.02 0.00	46.66 2.48 0.00	52.17 2.73 0.00	62.85 3.23 0.00	62.07 3.38 0.00	60.80 3.62 0.00	53.30 2.97 0.00	50.41 2.24 0.00	50.72 2.10 0.00	56.02 1.95 0.00	51.91 1.84 0.00	50.06 2.00 0.00	51.98 2.25 0.00	48.63 2.12 0.00
RAVENSWOOD_GT2_4 24247	53.66 2.16 0.00	52.14 1.95 0.00	46.87 1.58 0.00	40.24 1.30 0.00	40.99 1.27 0.00	40.36 1.22 0.00	42.72 1.37 0.00	45.56 1.47 0.00	45.29 1.61 0.00	40.75 1.73 0.00	41.57 2.02 0.00	46.66 2.48 0.00	52.17 2.73 0.00	62.85 3.23 0.00	62.07 3.38 0.00	60.80 3.62 0.00	53.30 2.97 0.00	50.41 2.24 0.00	50.72 2.10 0.00	56.02 1.95 0.00	51.91 1.84 0.00	50.06 2.00 0.00	51.98 2.25 0.00	48.63 2.12 0.00
RAVENSWOOD_GT3_1 24248	53.64 2.14 0.00	52.12 1.93 0.00	46.85 1.56 0.00	40.22 1.28 0.00	40.98 1.26 0.00	40.34 1.20 0.00	42.70 1.35 0.00	45.55 1.46 0.00	45.27 1.59 0.00	40.73 1.71 0.00	41.55 2.00 0.00	46.64 2.45 0.00	52.14 2.70 0.00	62.82 3.21 0.00	62.02 3.34 0.00	60.77 3.59 0.00	53.27 2.95 0.00	50.39 2.21 0.00	50.68 2.06 0.00	55.98 1.91 0.00	51.87 1.80 0.00	50.04 1.97 0.00	51.95 2.23 0.00	48.61 2.09 0.00
RAVENSWOOD_GT3_2 24249	53.64 2.14 0.00	52.12 1.93 0.00	46.85 1.56 0.00	40.22 1.28 0.00	40.98 1.26 0.00	40.34 1.20 0.00	42.70 1.35 0.00	45.55 1.46 0.00	45.27 1.59 0.00	40.73 1.71 0.00	41.55 2.00 0.00	46.64 2.45 0.00	52.14 2.70 0.00	62.82 3.21 0.00	62.02 3.34 0.00	60.77 3.59 0.00	53.27 2.95 0.00	50.39 2.21 0.00	50.68 2.06 0.00	55.98 1.91 0.00	51.87 1.80 0.00	50.04 1.97 0.00	51.95 2.23 0.00	48.61 2.09 0.00
RAVENSWOOD_GT3_3 24250	53.73 2.23 0.00	52.20 2.01 0.00	46.92 1.64 0.00	40.29 1.35 0.00	41.04 1.32 0.00	40.41 1.27 0.00	42.77 1.42 0.00	45.62 1.53 0.00	45.35 1.67 0.00	40.80 1.79 0.00	41.63 2.08 0.00	46.73 2.54 0.00	52.24 2.80 0.00	62.94 3.32 0.00	62.14 3.45 0.00	60.89 3.70 0.00	53.37 3.04 0.00	50.49 2.31 0.00	50.78 2.16 0.00	56.09 2.02 0.00	51.97 1.90 0.00	50.13 2.07 0.00	52.04 2.32 0.00	48.69 2.17 0.00
RAVENSWOOD_GT3_4 24251	53.73 2.23 0.00	52.20 2.01 0.00	46.92 1.64 0.00	40.29 1.35 0.00	41.04 1.32 0.00	40.41 1.27 0.00	42.77 1.42 0.00	45.62 1.53 0.00	45.35 1.67 0.00	40.80 1.79 0.00	41.63 2.08 0.00	46.73 2.54 0.00	52.24 2.80 0.00	62.94 3.32 0.00	62.14 3.45 0.00	60.89 3.70 0.00	53.37 3.04 0.00	50.49 2.31 0.00	50.78 2.16 0.00	56.09 2.02 0.00	51.97 1.90 0.00	50.13 2.07 0.00	52.04 2.32 0.00	48.69 2.17 0.00
RAVENSWOOD_GT_1 23729	53.62 2.12 0.00	52.14 1.95 0.00	46.90 1.61 0.00	40.26 1.32 0.00	41.02 1.30 0.00	40.39 1.25 0.00	42.74 1.39 0.00	45.60 1.51 0.00	45.33 1.65 0.00	40.79 1.78 0.00	41.62 2.06 0.00	46.69 2.51 0.00	52.14 2.70 0.00	62.83 3.21 0.00	62.04 3.35 0.00	60.79 3.61 0.00	53.31 2.98 0.00	50.43 2.26 0.00	50.70 2.08 0.00	56.03 1.96 0.00	51.96 1.89 0.00	50.10 2.03 0.00	51.94 2.22 0.00	48.62 2.10 0.00
RAVENSWOOD_GT_10 24258	53.64 2.14 0.00	52.12 1.93 0.00	46.86 1.57 0.00	40.22 1.28 0.00	40.98 1.26 0.00	40.34 1.20 0.00	42.70 1.35 0.00	45.55 1.46 0.00	45.27 1.59 0.00	40.73 1.71 0.00	41.56 2.00 0.00	46.64 2.45 0.00	52.14 2.70 0.00	62.82 3.21 0.00	62.03 3.35 0.00	60.77 3.59 0.00	53.27 2.95 0.00	50.39 2.21 0.00	50.69 2.06 0.00	55.98 1.91 0.00	51.87 1.80 0.00	50.04 1.97 0.00	51.96 2.23 0.00	48.61 2.09 0.00
RAVENSWOOD_GT_11 24259	53.64 2.14 0.00	52.12 1.93 0.00	46.86 1.57 0.00	40.22 1.28 0.00	40.98 1.26 0.00	40.34 1.20 0.00	42.70 1.35 0.00	45.55 1.46 0.00	45.27 1.59 0.00	40.73 1.71 0.00	41.56 2.00 0.00	46.64 2.45 0.00	52.14 2.70 0.00	62.82 3.21 0.00	62.03 3.35 0.00	60.77 3.59 0.00	53.27 2.95 0.00	50.39 2.21 0.00	50.69 2.06 0.00	55.98 1.91 0.00	51.87 1.80 0.00	50.04 1.97 0.00	51.96 2.23 0.00	48.61 2.09 0.00
RAVENSWOOD_GT_4 24252	53.63 2.13 0.00	52.11 1.92 0.00	46.84 1.56 0.00	40.22 1.28 0.00	40.98 1.26 0.00	40.35 1.21 0.00	42.70 1.35 0.00	45.55 1.46 0.00	45.28 1.60 0.00	40.73 1.72 0.00	41.56 2.00 0.00	46.64 2.46 0.00	52.14 2.69 0.00	62.81 3.20 0.00	62.02 3.34 0.00	60.77 3.59 0.00	53.27 2.95 0.00	50.40 2.23 0.00	50.68 2.06 0.00	55.99 1.91 0.00	51.91 1.84 0.00	50.05 1.99 0.00	51.93 2.21 0.00	48.61 2.09 0.00
RAVENSWOOD_GT_5 24254	53.63 2.13 0.00	52.11 1.92 0.00	46.84 1.56 0.00	40.22 1.28 0.00	40.98 1.26 0.00	40.35 1.21 0.00	42.70 1.35 0.00	45.55 1.46 0.00	45.28 1.60 0.00	40.73 1.72 0.00	41.56 2.00 0.00	46.64 2.46 0.00	52.14 2.69 0.00	62.81 3.20 0.00	62.02 3.34 0.00	60.77 3.59 0.00	53.27 2.95 0.00	50.40 2.23 0.00	50.68 2.06 0.00	55.99 1.91 0.00	51.91 1.84 0.00	50.05 1.99 0.00	51.93 2.21 0.00	48.61 2.09 0.00

RAVENSWOOD_GT_6 24253	53.63 2.13 0.00	52.11 1.92 0.00	46.84 1.56 0.00	40.22 1.28 0.00	40.98 1.26 0.00	40.35 1.21 0.00	42.70 1.35 0.00	45.55 1.46 0.00	45.28 1.60 0.00	40.73 1.72 0.00	41.56 2.00 0.00	46.64 2.46 0.00	52.14 2.69 0.00	62.81 3.20 0.00	62.02 3.34 0.00	60.77 3.59 0.00	53.27 2.95 0.00	50.40 2.23 0.00	50.68 2.06 0.00	55.99 1.91 0.00	51.91 1.84 0.00	50.05 1.99 0.00	51.93 2.21 0.00	48.61 2.09 0.00
RAVENSWOOD_GT_7 24255	53.63 2.13 0.00	52.11 1.92 0.00	46.84 1.56 0.00	40.22 1.28 0.00	40.98 1.26 0.00	40.35 1.21 0.00	42.70 1.35 0.00	45.55 1.46 0.00	45.28 1.60 0.00	40.73 1.72 0.00	41.56 2.00 0.00	46.64 2.46 0.00	52.14 2.69 0.00	62.81 3.20 0.00	62.02 3.34 0.00	60.77 3.59 0.00	53.27 2.95 0.00	50.40 2.23 0.00	50.68 2.06 0.00	55.99 1.91 0.00	51.91 1.84 0.00	50.05 1.99 0.00	51.93 2.21 0.00	48.61 2.09 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	53.64 2.14 0.00	52.12 1.93 0.00	46.86 1.57 0.00	40.22 1.28 0.00	40.98 1.26 0.00	40.34 1.20 0.00	42.70 1.35 0.00	45.55 1.46 0.00	45.27 1.59 0.00	40.73 1.71 0.00	41.56 2.00 0.00	46.64 2.45 0.00	52.14 2.70 0.00	62.82 3.21 0.00	62.03 3.35 0.00	60.77 3.59 0.00	53.27 2.95 0.00	50.39 2.21 0.00	50.69 2.06 0.00	55.98 1.91 0.00	51.87 1.80 0.00	50.04 1.97 0.00	51.96 2.23 0.00	48.61 2.09 0.00
RAVENSWOOD_GT_9 24257	53.64 2.14 0.00	52.12 1.93 0.00	46.86 1.57 0.00	40.22 1.28 0.00	40.98 1.26 0.00	40.34 1.20 0.00	42.70 1.35 0.00	45.55 1.46 0.00	45.27 1.59 0.00	40.73 1.71 0.00	41.56 2.00 0.00	46.64 2.45 0.00	52.14 2.70 0.00	62.82 3.21 0.00	62.03 3.35 0.00	60.77 3.59 0.00	53.27 2.95 0.00	50.39 2.21 0.00	50.69 2.06 0.00	55.98 1.91 0.00	51.87 1.80 0.00	50.04 1.97 0.00	51.96 2.23 0.00	48.61 2.09 0.00
RAVENSWOOD___1 23533	53.61 2.11 0.00	52.11 1.92 0.00	46.86 1.57 0.00	40.23 1.29 0.00	40.98 1.26 0.00	40.35 1.21 0.00	42.70 1.35 0.00	45.56 1.47 0.00	45.29 1.61 0.00	40.74 1.73 0.00	41.57 2.02 0.00	46.64 2.46 0.00	52.11 2.67 0.00	62.80 3.18 0.00	62.02 3.34 0.00	60.77 3.59 0.00	53.29 2.96 0.00	50.40 2.22 0.00	50.68 2.06 0.00	56.01 1.94 0.00	51.92 1.85 0.00	50.06 1.99 0.00	51.92 2.20 0.00	48.60 2.07 0.00
RAVENSWOOD___2 23534	53.60 2.10 0.00	52.11 1.92 0.00	46.86 1.57 0.00	40.23 1.29 0.00	40.98 1.26 0.00	40.35 1.21 0.00	42.70 1.35 0.00	45.56 1.47 0.00	45.29 1.61 0.00	40.74 1.73 0.00	41.57 2.02 0.00	46.64 2.46 0.00	52.11 2.67 0.00	62.80 3.18 0.00	62.02 3.34 0.00	60.77 3.59 0.00	53.29 2.96 0.00	50.40 2.22 0.00	50.68 2.06 0.00	56.01 1.94 0.00	51.92 1.85 0.00	50.06 1.99 0.00	51.92 2.20 0.00	48.60 2.07 0.00
RAVENSWOOD___3 23535	53.64 2.14 0.00	52.12 1.93 0.00	46.85 1.56 0.00	40.22 1.28 0.00	40.98 1.26 0.00	40.34 1.20 0.00	42.70 1.35 0.00	45.54 1.46 0.00	45.27 1.59 0.00	40.72 1.71 0.00	41.55 2.00 0.00	46.64 2.45 0.00	52.13 2.69 0.00	62.82 3.20 0.00	62.02 3.34 0.00	60.77 3.59 0.00	53.28 2.95 0.00	50.39 2.22 0.00	50.68 2.06 0.00	55.98 1.91 0.00	51.87 1.80 0.00	50.04 1.97 0.00	51.95 2.23 0.00	48.61 2.09 0.00
RAVENSWOOD___4 23820	53.60 2.10 0.00	52.11 1.92 0.00	46.86 1.57 0.00	40.23 1.29 0.00	40.98 1.26 0.00	40.35 1.21 0.00	42.70 1.35 0.00	45.56 1.47 0.00	45.29 1.61 0.00	40.74 1.73 0.00	41.57 2.02 0.00	46.64 2.46 0.00	52.11 2.67 0.00	62.80 3.18 0.00	62.02 3.34 0.00	60.77 3.59 0.00	53.29 2.96 0.00	50.40 2.22 0.00	50.68 2.06 0.00	56.01 1.94 0.00	51.92 1.85 0.00	50.06 1.99 0.00	51.92 2.20 0.00	48.60 2.07 0.00
RCPI_TRUST___DRP 24196	53.64 2.14 0.00	52.12 1.93 0.00	46.86 1.57 0.00	40.22 1.29 0.00	40.98 1.26 0.00	40.35 1.21 0.00	42.70 1.35 0.00	45.56 1.47 0.00	45.28 1.60 0.00	40.74 1.72 0.00	41.57 2.02 0.00	46.67 2.48 0.00	52.18 2.74 0.00	62.85 3.23 0.00	62.07 3.38 0.00	60.80 3.62 0.00	53.33 3.00 0.00	50.49 2.31 0.00	50.80 2.17 0.00	56.11 2.04 0.00	51.98 1.91 0.00	50.08 2.02 0.00	51.96 2.24 0.00	48.62 2.10 0.00
RED___ROCHESTER 323720	51.46 0.28 0.31	48.05 0.11 2.26	42.72 -0.11 2.46	36.89 -0.12 1.92	38.21 -0.16 1.36	37.57 -0.20 1.36	40.65 -0.55 0.15	43.63 -0.46 0.00	43.24 -0.43 0.00	38.50 -0.28 0.23	39.29 -0.27 0.00	42.60 -0.23 1.36	47.52 -0.14 1.78	57.30 -0.21 2.10	57.21 -0.40 1.08	56.18 -1.01 0.00	49.31 -0.65 0.37	46.21 -0.11 1.86	46.16 -0.02 2.44	52.58 0.27 1.75	49.54 -0.19 0.35	47.65 -0.36 0.05	49.07 -0.61 0.05	45.86 -0.66 0.00
REGAN___SOLAR 323812	54.16 2.66 0.00	52.69 2.49 0.00	47.47 2.19 0.00	40.77 1.83 0.00	41.51 1.79 0.00	40.87 1.74 0.00	43.19 1.84 0.00	45.76 1.67 0.00	44.36 0.69 0.00	39.06 0.05 0.00	39.55 0.00 0.00	44.31 0.12 0.00	50.27 0.83 0.00	60.44 0.82 0.00	60.03 1.34 0.00	57.98 0.80 0.00	51.88 1.55 0.00	50.11 1.93 0.00	51.04 2.42 0.00	57.22 3.14 0.00	53.02 2.95 0.00	50.76 2.70 0.00	52.35 2.63 0.00	48.84 2.32 0.00
RENSSELAER___COGEN 23796	51.42 -0.08 0.00	50.28 0.09 0.00	45.37 0.08 0.00	39.02 0.08 0.00	39.91 0.19 0.00	39.28 0.15 0.00	41.37 0.02 0.00	44.09 0.00 0.00	43.69 0.02 0.00	39.06 0.04 0.00	39.54 -0.02 0.00	44.25 0.06 0.00	49.61 0.17 0.00	59.85 0.23 0.00	59.04 0.35 0.00	57.66 0.48 0.00	50.69 0.36 0.00	48.34 0.16 0.00	48.82 0.20 0.00	54.12 0.05 0.00	50.23 0.15 0.00	48.28 0.21 0.00	50.05 0.32 0.00	46.81 0.29 0.00
REPUBLIC_115KV_BARTNBRK 55605	56.85 5.34 0.00	55.43 5.24 0.00	49.73 4.44 0.00	42.61 3.68 0.00	43.39 3.67 0.00	42.78 3.64 0.00	45.02 3.66 0.00	47.99 3.90 0.00	47.28 3.60 0.00	42.16 3.15 0.00	42.30 2.75 0.00	47.21 3.03 0.00	52.94 3.50 0.00	63.24 3.63 0.00	61.99 3.30 0.00	60.95 3.77 0.00	53.34 3.01 0.00	52.01 3.83 0.00	53.39 4.77 0.00	59.28 5.21 0.00	55.02 4.94 0.00	52.44 4.37 0.00	54.42 4.69 0.00	51.27 4.75 0.00
REVERE_CPPR_DRP 24186	53.18 1.68 0.00	51.74 1.55 0.00	46.65 1.37 0.00	40.10 1.16 0.00	40.88 1.16 0.00	40.34 1.20 0.00	42.59 1.24 0.00	45.32 1.23 0.00	44.69 1.02 0.00	39.74 0.72 0.00	40.31 0.75 0.00	45.03 0.84 0.00	50.33 0.89 0.00	60.77 1.15 0.00	59.82 1.13 0.00	58.39 1.20 0.00	51.64 1.31 0.00	49.53 1.35 0.00	50.46 1.83 0.00	56.33 2.25 0.00	52.04 1.97 0.00	49.96 1.90 0.01	51.56 1.84 0.01	48.13 1.61 0.00
REYNLDPA_13_KV_LD 356490	51.97 0.47 0.00	50.36 0.17 0.00	45.57 0.28 0.00	39.31 0.37 0.00	40.08 0.35 0.00	39.43 0.29 0.00	41.87 0.52 0.00	44.67 0.58 0.00	44.36 0.69 0.00	39.61 0.60 0.00	40.14 0.58 0.00	44.47 0.29 0.00	49.86 0.41 0.00	60.05 0.44 0.00	58.93 0.24 0.00	57.30 0.12 0.00	50.45 0.13 0.00	48.43 0.26 0.00	48.74 0.12 0.00	54.33 0.26 0.00	50.36 0.28 0.00	48.29 0.22 0.00	49.95 0.22 0.00	46.76 0.24 0.00

REYNOLDS_115KV_TB3 80639	51.76 0.26 0.00	50.66 0.47 0.00	45.73 0.44 0.00	39.33 0.39 0.00	40.22 0.50 0.00	39.58 0.45 0.00	41.66 0.31 0.00	44.40 0.31 0.00	43.99 0.31 0.00	39.33 0.32 0.00	39.79 0.24 0.00	44.57 0.39 0.00	49.98 0.54 0.00	60.30 0.69 0.00	59.46 0.77 0.00	58.06 0.87 0.00	51.03 0.70 0.00	48.63 0.45 0.00	49.13 0.51 0.00	54.45 0.38 0.00	50.55 0.48 0.00	48.61 0.54 0.00	50.43 0.70 0.00	47.17 0.65 0.00
RIVERBAY____ 323610	54.62 3.12 0.00	53.10 2.91 0.00	47.78 2.50 0.00	41.10 2.16 0.00	41.87 2.15 0.00	41.24 2.10 0.00	43.61 2.26 0.00	46.49 2.40 0.00	46.16 2.48 0.00	41.51 2.49 0.00	42.30 2.74 0.00	47.42 3.23 0.00	52.97 3.53 0.00	63.84 4.22 0.00	63.02 4.33 0.00	61.75 4.56 0.00	54.17 3.84 0.00	51.30 3.13 0.00	51.46 2.84 0.00	57.00 2.92 0.00	52.86 2.79 0.00	50.96 2.89 0.00	52.79 3.06 0.00	49.18 2.66 0.00
RIVERSDE_115KV_TB3 55908	51.65 0.15 0.00	50.52 0.33 0.00	45.59 0.30 0.00	39.20 0.26 0.00	40.09 0.37 0.00	39.47 0.34 0.00	41.56 0.20 0.00	44.28 0.19 0.00	43.89 0.21 0.00	39.24 0.23 0.00	39.71 0.15 0.00	44.46 0.27 0.00	49.84 0.40 0.00	60.14 0.52 0.00	59.33 0.64 0.00	57.94 0.75 0.00	50.92 0.59 0.00	48.55 0.38 0.00	49.05 0.42 0.00	54.36 0.29 0.00	50.45 0.38 0.00	48.50 0.43 0.00	50.30 0.57 0.00	47.03 0.51 0.00
ROARING____BROOK_WT_PWR 323790	51.47 -0.03 0.00	50.15 -0.04 0.00	45.23 -0.06 0.00	38.91 -0.03 0.00	39.68 -0.04 0.00	39.10 -0.03 0.00	41.35 0.00 0.00	44.11 0.02 0.00	43.71 0.03 0.00	39.02 0.01 0.00	39.55 -0.01 0.00	44.14 -0.05 0.00	49.38 -0.06 0.00	59.49 -0.13 0.00	58.52 -0.17 0.00	57.02 -0.17 0.00	50.19 -0.13 0.00	48.10 -0.08 0.00	48.47 -0.15 0.00	53.90 -0.17 0.00	49.91 -0.16 0.00	47.98 -0.09 0.00	49.58 -0.15 0.00	46.36 -0.16 0.00
ROCHESRG_115KV_T4 355643	51.07 -0.43 0.00	49.63 -0.56 0.00	44.60 -0.69 0.00	38.32 -0.62 0.00	39.09 -0.63 0.00	38.47 -0.67 0.00	40.31 -1.05 0.00	43.10 -0.99 0.00	42.73 -0.95 0.00	38.22 -0.80 0.00	38.76 -0.79 0.00	43.38 -0.81 0.00	48.63 -0.81 0.00	58.51 -1.10 0.00	57.37 -1.32 0.00	55.26 -1.92 0.00	48.85 -1.48 0.00	47.19 -0.99 0.00	47.67 -0.95 0.00	53.35 -0.72 0.00	49.02 -1.05 0.00	46.86 -1.16 0.05	48.31 -1.37 0.05	45.19 -1.33 0.00
ROCHESTER_9_IC 23652	51.51 0.01 0.00	50.03 -0.16 0.00	44.94 -0.34 0.00	38.61 -0.33 0.00	39.37 -0.35 0.00	38.75 -0.39 0.00	40.60 -0.75 0.00	43.42 -0.67 0.00	43.04 -0.64 0.00	38.52 -0.50 0.00	39.07 -0.48 0.00	43.72 -0.46 0.00	49.03 -0.41 0.00	59.04 -0.58 0.00	57.90 -0.79 0.00	55.80 -1.39 0.00	49.32 -1.01 0.00	47.68 -0.49 0.00	48.20 -0.42 0.00	53.93 -0.14 0.00	49.54 -0.53 0.00	47.32 -0.69 0.05	48.76 -0.91 0.05	45.59 -0.93 0.00
ROCKVIEW_13_KV_LD 356306	53.73 2.23 0.00	52.20 2.01 0.00	46.91 1.62 0.00	40.30 1.36 0.00	41.06 1.34 0.00	40.43 1.29 0.00	42.77 1.42 0.00	45.62 1.53 0.00	45.34 1.67 0.00	40.79 1.77 0.00	41.64 2.08 0.00	46.73 2.54 0.00	52.29 2.85 0.00	62.97 3.35 0.00	62.16 3.47 0.00	60.93 3.75 0.00	53.49 3.16 0.00	50.69 2.51 0.00	51.02 2.40 0.00	56.39 2.32 0.00	52.23 2.16 0.00	50.27 2.20 0.00	52.10 2.37 0.00	48.74 2.22 0.00
ROME____115KV_TB2 80656	53.18 1.68 0.00	51.74 1.55 0.00	46.65 1.37 0.00	40.10 1.16 0.00	40.88 1.16 0.00	40.34 1.20 0.00	42.59 1.24 0.00	45.32 1.23 0.00	44.69 1.02 0.00	39.74 0.72 0.00	40.31 0.75 0.00	45.03 0.84 0.00	50.33 0.89 0.00	60.77 1.15 0.00	59.82 1.13 0.00	58.39 1.20 0.00	51.64 1.31 0.00	49.53 1.35 0.00	50.46 1.83 0.00	56.33 2.25 0.00	52.04 1.97 0.00	49.96 1.90 0.01	51.56 1.84 0.01	48.13 1.61 0.00
ROSETON____1 23587	52.77 1.27 0.00	51.35 1.16 0.00	46.19 0.90 0.00	39.69 0.75 0.00	40.46 0.74 0.00	39.83 0.69 0.00	42.12 0.77 0.00	44.90 0.80 0.00	44.59 0.91 0.00	40.03 1.01 0.00	40.76 1.21 0.00	45.72 1.53 0.00	51.21 1.77 0.00	61.77 2.15 0.00	60.98 2.30 0.00	59.72 2.53 0.00	52.43 2.10 0.00	49.80 1.63 0.00	50.19 1.57 0.00	55.55 1.48 0.00	51.47 1.40 0.00	49.48 1.42 0.00	51.28 1.55 0.00	47.95 1.43 0.00
ROSETON____2 23588	52.77 1.27 0.00	51.35 1.16 0.00	46.19 0.90 0.00	39.69 0.75 0.00	40.46 0.74 0.00	39.83 0.69 0.00	42.12 0.77 0.00	44.90 0.80 0.00	44.59 0.91 0.00	40.03 1.01 0.00	40.76 1.21 0.00	45.72 1.53 0.00	51.21 1.77 0.00	61.77 2.15 0.00	60.98 2.30 0.00	59.72 2.53 0.00	52.43 2.10 0.00	49.80 1.63 0.00	50.19 1.57 0.00	55.55 1.48 0.00	51.47 1.40 0.00	49.48 1.42 0.00	51.28 1.55 0.00	47.95 1.43 0.00
ROTTSDAM_115KV_TB3 80664	52.38 0.88 0.00	51.11 0.92 0.00	46.10 0.81 0.00	39.60 0.67 0.00	40.43 0.71 0.00	39.82 0.68 0.00	42.00 0.65 0.00	44.73 0.63 0.00	44.20 0.52 0.00	39.46 0.44 0.00	39.93 0.38 0.00	44.73 0.55 0.00	50.15 0.71 0.00	60.47 0.86 0.00	59.65 0.96 0.00	58.14 0.95 0.00	51.15 0.82 0.00	48.99 0.81 0.00	49.54 0.92 0.00	55.04 0.97 0.00	51.05 0.98 0.00	49.01 0.95 0.00	50.75 1.03 0.00	47.46 0.94 0.00
RUSSELL____1 23602	51.79 0.29 0.00	50.30 0.11 0.00	45.17 -0.12 0.00	38.80 -0.14 0.00	39.56 -0.16 0.00	38.93 -0.21 0.00	40.80 -0.56 0.00	43.62 -0.47 0.00	43.24 -0.43 0.00	38.72 -0.29 0.00	39.29 -0.27 0.00	43.95 -0.23 0.00	49.30 -0.14 0.00	59.42 -0.19 0.00	58.29 -0.39 0.00	56.18 -1.00 0.00	49.69 -0.64 0.00	48.07 -0.11 0.00	48.60 -0.02 0.00	54.34 0.27 0.00	49.89 -0.18 0.00	47.65 -0.36 0.05	49.07 -0.61 0.05	45.86 -0.66 0.00
RUSSELL____2 23532	51.79 0.29 0.00	50.30 0.11 0.00	45.17 -0.12 0.00	38.80 -0.14 0.00	39.56 -0.16 0.00	38.93 -0.21 0.00	40.80 -0.56 0.00	43.62 -0.47 0.00	43.24 -0.43 0.00	38.72 -0.29 0.00	39.29 -0.27 0.00	43.95 -0.23 0.00	49.30 -0.14 0.00	59.42 -0.19 0.00	58.29 -0.39 0.00	56.18 -1.00 0.00	49.69 -0.64 0.00	48.07 -0.11 0.00	48.60 -0.02 0.00	54.34 0.27 0.00	49.89 -0.18 0.00	47.65 -0.36 0.05	49.07 -0.61 0.05	45.86 -0.66 0.00
RUSSELL____3 23549	51.79 0.29 0.00	50.30 0.11 0.00	45.17 -0.12 0.00	38.80 -0.14 0.00	39.56 -0.16 0.00	38.93 -0.21 0.00	40.80 -0.56 0.00	43.62 -0.47 0.00	43.24 -0.43 0.00	38.72 -0.29 0.00	39.29 -0.27 0.00	43.95 -0.23 0.00	49.30 -0.14 0.00	59.42 -0.19 0.00	58.29 -0.39 0.00	56.18 -1.00 0.00	49.69 -0.64 0.00	48.07 -0.11 0.00	48.60 -0.02 0.00	54.34 0.27 0.00	49.89 -0.18 0.00	47.65 -0.36 0.05	49.07 -0.61 0.05	45.86 -0.66 0.00
RUSSELL____4 23556	51.79 0.29 0.00	50.30 0.11 0.00	45.17 -0.12 0.00	38.80 -0.14 0.00	39.56 -0.16 0.00	38.93 -0.21 0.00	40.80 -0.56 0.00	43.62 -0.47 0.00	43.24 -0.43 0.00	38.72 -0.29 0.00	39.29 -0.27 0.00	43.95 -0.23 0.00	49.30 -0.14 0.00	59.42 -0.19 0.00	58.29 -0.39 0.00	56.18 -1.00 0.00	49.69 -0.64 0.00	48.07 -0.11 0.00	48.60 -0.02 0.00	54.34 0.27 0.00	49.89 -0.18 0.00	47.65 -0.36 0.05	49.07 -0.61 0.05	45.86 -0.66 0.00

RUSSELL___STATION 23914	51.79 0.29 0.00	50.30 0.11 0.00	45.17 -0.12 0.00	38.80 -0.14 0.00	39.56 -0.16 0.00	38.93 -0.21 0.00	40.80 -0.56 0.00	43.62 -0.47 0.00	43.24 -0.43 0.00	38.72 -0.29 0.00	39.29 -0.27 0.00	43.95 -0.23 0.00	49.30 -0.14 0.00	59.42 -0.19 0.00	58.29 -0.39 0.00	56.18 -1.00 0.00	49.69 -0.64 0.00	48.07 -0.11 0.00	48.60 -0.02 0.00	54.34 0.27 0.00	49.89 -0.18 0.00	47.65 -0.36 0.05	49.07 -0.61 0.05	45.86 -0.66 0.00
S SALMON___HYD 24043	51.36 -0.14 0.00	49.97 -0.22 0.00	45.14 -0.15 0.00	38.81 -0.13 0.00	39.55 -0.16 0.00	39.00 -0.13 0.00	41.16 -0.19 0.00	43.85 -0.24 0.00	43.34 -0.34 0.00	38.80 -0.21 0.00	39.32 -0.23 0.00	43.74 -0.45 0.00	48.73 -0.71 0.00	58.56 -1.05 0.00	57.58 -1.11 0.00	56.04 -1.15 0.00	49.46 -0.87 0.00	47.62 -0.56 0.00	48.46 -0.16 0.00	54.09 0.02 0.00	50.05 -0.02 0.00	48.22 0.13 -0.01	49.71 -0.02 -0.01	46.40 -0.12 0.00
S.PERRY___115KV_TB1 80734	52.89 1.39 0.00	51.35 1.16 0.00	46.04 0.75 0.00	39.53 0.59 0.00	40.29 0.56 0.00	39.75 0.61 0.00	41.72 0.37 0.00	44.56 0.47 0.00	43.61 -0.07 0.00	38.46 -0.56 0.00	39.28 -0.28 0.00	43.76 -0.43 0.00	49.02 -0.42 0.00	59.36 -0.26 0.00	58.29 -0.40 0.00	56.32 -0.87 0.00	49.74 -0.59 0.00	48.15 -0.03 0.00	48.99 0.36 0.00	55.59 1.51 0.00	51.07 1.00 0.00	48.81 0.79 0.04	50.26 0.57 0.04	46.91 0.39 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	50.79 -0.71 0.00	49.34 -0.85 0.00	44.17 -1.12 0.00	37.98 -0.96 0.00	38.77 -0.96 0.00	38.14 -1.00 0.00	39.78 -1.57 0.00	42.65 -1.44 0.00	42.35 -1.33 0.00	37.85 -1.17 0.00	38.32 -1.23 0.00	43.00 -1.19 0.00	48.27 -1.18 0.00	57.93 -1.69 0.00	56.60 -2.09 0.00	54.15 -3.04 0.00	47.91 -2.42 0.00	46.42 -1.76 0.00	46.73 -1.90 0.00	52.51 -1.56 0.00	48.01 -2.06 0.00	45.88 -2.14 0.05	47.39 -2.30 0.04	44.37 -2.15 0.00
SAWYER___23_KV_LOAD 55526	50.79 -0.71 0.00	49.34 -0.85 0.00	44.17 -1.12 0.00	37.98 -0.96 0.00	38.77 -0.96 0.00	38.14 -1.00 0.00	39.78 -1.57 0.00	42.65 -1.44 0.00	42.35 -1.33 0.00	37.85 -1.17 0.00	38.32 -1.23 0.00	43.00 -1.19 0.00	48.27 -1.18 0.00	57.93 -1.69 0.00	56.60 -2.09 0.00	54.15 -3.04 0.00	47.91 -2.42 0.00	46.42 -1.76 0.00	46.73 -1.90 0.00	52.51 -1.56 0.00	48.01 -2.06 0.00	45.88 -2.14 0.05	47.39 -2.30 0.04	44.37 -2.15 0.00
SELKIRK___I 23801	52.00 0.50 0.00	50.80 0.61 0.00	45.84 0.55 0.00	39.42 0.48 0.00	40.29 0.57 0.00	39.66 0.52 0.00	41.80 0.45 0.00	44.47 0.38 0.00	43.93 0.25 0.00	39.20 0.19 0.00	39.70 0.15 0.00	44.46 0.27 0.00	49.85 0.41 0.00	60.14 0.52 0.00	59.43 0.74 0.00	58.04 0.85 0.00	51.01 0.68 0.00	48.72 0.54 0.00	49.18 0.56 0.00	54.65 0.58 0.00	50.69 0.62 0.00	48.71 0.64 0.00	50.48 0.76 0.00	47.21 0.69 0.00
SELKIRK___II 23799	51.70 0.20 0.00	50.50 0.31 0.00	45.56 0.27 0.00	39.17 0.23 0.00	40.03 0.31 0.00	39.41 0.27 0.00	41.54 0.19 0.00	44.26 0.17 0.00	43.85 0.17 0.00	39.21 0.19 0.00	39.72 0.17 0.00	44.46 0.28 0.00	49.83 0.39 0.00	60.13 0.51 0.00	59.30 0.61 0.00	57.91 0.72 0.00	50.89 0.56 0.00	48.56 0.38 0.00	49.00 0.38 0.00	54.36 0.29 0.00	50.43 0.36 0.00	48.46 0.39 0.00	50.23 0.50 0.00	46.97 0.44 0.00
SENECA OSWGO___HYD 24041	50.45 -1.05 0.00	49.14 -1.05 0.00	44.42 -0.86 0.00	38.20 -0.74 0.00	38.95 -0.77 0.00	38.37 -0.77 0.00	40.48 -0.88 0.00	43.14 -0.95 0.00	42.64 -1.04 0.00	38.10 -0.92 0.00	38.60 -0.96 0.00	43.04 -1.14 0.00	48.03 -1.41 0.00	57.92 -1.69 0.00	56.99 -1.70 0.00	55.44 -1.75 0.00	48.74 -1.59 0.00	46.82 -1.36 0.00	47.44 -1.18 0.00	52.91 -1.16 0.00	48.92 -1.16 0.00	46.94 -1.16 -0.04	48.48 -1.28 -0.03	45.34 -1.18 0.00
SENECA___115KV_TB3 355854	50.61 -0.21 0.68	44.95 -0.36 4.88	39.28 -0.68 5.32	34.21 -0.57 4.15	36.19 -0.60 2.94	35.55 -0.64 2.95	39.85 -1.18 0.32	43.03 -1.06 0.00	42.67 -1.01 0.00	37.64 -0.86 0.51	38.62 -0.94 0.00	40.44 -0.81 2.94	44.90 -0.70 3.85	54.02 -1.05 4.55	54.85 -1.50 2.33	54.76 -2.43 0.00	47.65 -1.88 0.80	42.99 -1.17 4.02	42.06 -1.27 5.29	49.46 -0.82 3.79	47.89 -1.43 0.75	46.47 -1.55 0.05	47.96 -1.73 0.04	44.88 -1.64 0.00
SENECA___ENERGY 23797	51.38 -0.12 0.00	49.96 -0.23 0.00	44.99 -0.30 0.00	38.61 -0.32 0.00	39.36 -0.36 0.00	38.85 -0.29 0.00	40.92 -0.43 0.00	43.69 -0.41 0.00	43.15 -0.53 0.00	38.38 -0.63 0.00	39.02 -0.53 0.00	43.56 -0.63 0.00	48.78 -0.66 0.00	58.87 -0.75 0.00	57.81 -0.88 0.00	56.15 -1.04 0.00	49.43 -0.89 0.00	47.68 -0.50 0.00	48.47 -0.15 0.00	54.29 0.22 0.00	50.02 -0.05 0.00	47.86 -0.19 0.01	49.37 -0.35 0.01	46.11 -0.41 0.00
SHOEMAKER___GT 23640	52.74 1.24 0.00	51.28 1.09 0.00	46.13 0.85 0.00	39.62 0.69 0.00	40.39 0.67 0.00	39.77 0.63 0.00	42.07 0.71 0.00	44.83 0.74 0.00	44.44 0.76 0.00	39.82 0.81 0.00	40.49 0.93 0.00	45.39 1.21 0.00	50.89 1.45 0.00	61.43 1.81 0.00	60.70 2.01 0.00	59.42 2.24 0.00	52.23 1.90 0.00	49.70 1.52 0.00	50.17 1.55 0.00	55.63 1.56 0.00	51.52 1.45 0.00	49.47 1.41 0.00	51.22 1.49 0.00	47.88 1.36 0.00
SHOEMAKR_138KV_BK 111 55601	52.73 1.23 0.00	51.26 1.07 0.00	46.11 0.82 0.00	39.60 0.66 0.00	40.37 0.65 0.00	39.74 0.60 0.00	42.05 0.70 0.00	44.83 0.74 0.00	44.44 0.76 0.00	39.84 0.82 0.00	40.53 0.97 0.00	45.44 1.26 0.00	50.93 1.49 0.00	61.48 1.87 0.00	60.73 2.04 0.00	59.45 2.26 0.00	52.23 1.91 0.00	49.70 1.52 0.00	50.16 1.53 0.00	55.60 1.53 0.00	51.49 1.42 0.00	49.45 1.38 0.00	51.19 1.47 0.00	47.86 1.34 0.00
SHOREHAM_IC_1 23715	53.06 1.56 0.00	51.96 1.77 0.00	46.89 1.60 0.00	40.16 1.23 0.00	40.90 1.18 0.00	40.56 1.42 0.00	43.02 1.67 0.00	45.32 1.23 0.00	45.16 1.49 0.00	40.72 1.71 0.00	41.82 2.26 0.00	47.42 2.92 -0.31	52.57 3.13 0.00	62.34 2.72 0.00	61.39 2.71 0.00	61.03 3.85 0.00	53.97 3.64 0.00	51.15 2.97 0.00	51.77 3.15 0.00	56.08 2.00 0.00	52.54 2.47 0.00	50.90 2.83 0.00	52.62 2.89 0.00	49.15 2.63 0.00
SHOREHAM_IC_2 23716	53.06 1.56 0.00	51.96 1.77 0.00	46.89 1.60 0.00	40.16 1.23 0.00	40.90 1.18 0.00	40.56 1.42 0.00	43.02 1.67 0.00	45.32 1.23 0.00	45.16 1.49 0.00	40.72 1.71 0.00	41.82 2.26 0.00	47.42 2.92 -0.31	52.57 3.13 0.00	62.34 2.72 0.00	61.39 2.71 0.00	61.03 3.85 0.00	53.97 3.64 0.00	51.15 2.97 0.00	51.77 3.15 0.00	56.08 2.00 0.00	52.54 2.47 0.00	50.90 2.83 0.00	52.62 2.89 0.00	49.15 2.63 0.00
SISSONVILLE___ 23735	52.24 0.73 0.00	50.83 0.64 0.00	45.79 0.51 0.00	39.45 0.51 0.00	40.21 0.49 0.00	39.70 0.56 0.00	42.13 0.78 0.00	44.90 0.80 0.00	44.54 0.87 0.00	39.75 0.74 0.00	40.30 0.75 0.00	44.72 0.54 0.00	50.10 0.65 0.00	60.11 0.49 0.00	58.83 0.14 0.00	57.35 0.16 0.00	50.97 0.64 0.00	48.75 0.57 0.00	49.11 0.48 0.00	54.77 0.69 0.00	50.78 0.71 0.00	48.71 0.64 0.00	50.34 0.61 0.00	47.05 0.52 0.00

SITHE_IND_GS1 24169	49.83 -1.67 0.00	48.58 -1.61 0.00	43.98 -1.31 0.00	37.82 -1.12 0.00	38.56 -1.16 0.00	38.00 -1.13 0.00	40.09 -1.26 0.00	42.75 -1.35 0.00	42.30 -1.38 0.00	37.79 -1.23 0.00	38.32 -1.23 0.00	42.73 -1.45 0.00	47.65 -1.79 0.00	57.43 -2.19 0.00	56.52 -2.17 0.00	55.01 -2.18 0.00	48.42 -1.91 0.00	46.46 -1.72 0.00	46.98 -1.65 0.00	52.31 -1.76 0.00	48.37 -1.70 0.00	46.04 -1.67 0.36	47.61 -1.79 0.33	44.88 -1.64 0.00
SITHE_IND_GS2 24170	49.83 -1.67 0.00	48.58 -1.61 0.00	43.98 -1.31 0.00	37.82 -1.12 0.00	38.56 -1.16 0.00	38.00 -1.13 0.00	40.09 -1.26 0.00	42.75 -1.35 0.00	42.30 -1.38 0.00	37.79 -1.23 0.00	38.32 -1.23 0.00	42.73 -1.45 0.00	47.65 -1.79 0.00	57.43 -2.19 0.00	56.52 -2.17 0.00	55.01 -2.18 0.00	48.42 -1.91 0.00	46.46 -1.72 0.00	46.98 -1.65 0.00	52.31 -1.76 0.00	48.37 -1.70 0.00	46.04 -1.67 0.36	47.61 -1.79 0.33	44.88 -1.64 0.00
SITHE_IND_GS3 24171	49.83 -1.67 0.00	48.58 -1.61 0.00	43.98 -1.31 0.00	37.82 -1.12 0.00	38.56 -1.16 0.00	38.00 -1.13 0.00	40.09 -1.26 0.00	42.75 -1.35 0.00	42.30 -1.38 0.00	37.79 -1.23 0.00	38.32 -1.23 0.00	42.73 -1.45 0.00	47.65 -1.79 0.00	57.43 -2.19 0.00	56.52 -2.17 0.00	55.01 -2.18 0.00	48.42 -1.91 0.00	46.46 -1.72 0.00	46.98 -1.65 0.00	52.31 -1.76 0.00	48.37 -1.70 0.00	46.04 -1.67 0.36	47.61 -1.79 0.33	44.88 -1.64 0.00
SITHE_IND_GS4 24172	49.83 -1.67 0.00	48.58 -1.61 0.00	43.98 -1.31 0.00	37.82 -1.12 0.00	38.56 -1.16 0.00	38.00 -1.13 0.00	40.09 -1.26 0.00	42.75 -1.35 0.00	42.30 -1.38 0.00	37.79 -1.23 0.00	38.32 -1.23 0.00	42.73 -1.45 0.00	47.65 -1.79 0.00	57.43 -2.19 0.00	56.52 -2.17 0.00	55.01 -2.18 0.00	48.42 -1.91 0.00	46.46 -1.72 0.00	46.98 -1.65 0.00	52.31 -1.76 0.00	48.37 -1.70 0.00	46.04 -1.67 0.36	47.61 -1.79 0.33	44.88 -1.64 0.00
SITHE___BATAVIA 24024	51.43 0.41 0.49	46.88 0.19 3.50	41.21 -0.26 3.82	35.73 -0.23 2.98	37.36 -0.26 2.10	36.70 -0.33 2.11	40.42 -0.70 0.23	43.56 -0.53 0.00	43.00 -0.68 0.00	37.81 -0.84 0.36	38.62 -0.94 0.00	41.07 -1.01 2.10	45.56 -1.13 2.76	54.90 -1.46 3.26	55.24 -1.78 1.67	54.69 -2.49 0.00	47.78 -1.98 0.57	43.92 -1.37 2.88	43.79 -1.05 3.79	51.13 -0.22 2.72	48.87 -0.67 0.54	47.15 -0.87 0.05	48.61 -1.07 0.05	45.42 -1.10 0.00
SITHE___INDEPEND 23800	49.83 -1.67 0.00	48.58 -1.61 0.00	43.98 -1.31 0.00	37.81 -1.13 0.00	38.57 -1.16 0.00	38.00 -1.13 0.00	40.09 -1.26 0.00	42.75 -1.34 0.00	42.30 -1.38 0.00	37.79 -1.22 0.00	38.32 -1.23 0.00	42.73 -1.45 0.00	47.65 -1.79 0.00	57.43 -2.19 0.00	56.52 -2.17 0.00	55.01 -2.18 0.00	48.42 -1.90 0.00	46.46 -1.71 0.00	46.98 -1.65 0.00	52.31 -1.76 0.00	48.37 -1.70 0.00	46.04 -1.67 0.36	47.61 -1.79 0.33	44.89 -1.63 0.00
SITHE___MASSENA 23902	52.11 0.61 0.00	50.70 0.51 0.00	45.70 0.41 0.00	39.36 0.41 0.00	40.12 0.40 0.00	39.61 0.47 0.00	42.01 0.66 0.00	44.81 0.71 0.00	44.46 0.78 0.00	39.64 0.62 0.00	40.14 0.58 0.00	44.63 0.45 0.00	50.00 0.56 0.00	60.21 0.59 0.00	59.05 0.36 0.00	57.44 0.25 0.00	50.81 0.48 0.00	48.67 0.49 0.00	48.97 0.34 0.00	54.56 0.49 0.00	50.58 0.51 0.00	48.48 0.42 0.00	50.13 0.41 0.00	46.88 0.36 0.00
SITHE___OGDNSBRG 24021	53.12 1.62 0.00	51.68 1.49 0.00	46.53 1.25 0.00	40.10 1.16 0.00	40.89 1.17 0.00	40.36 1.23 0.00	42.85 1.49 0.00	45.63 1.54 0.00	45.08 1.40 0.00	40.19 1.18 0.00	40.78 1.23 0.00	45.13 0.94 0.00	50.50 1.06 0.00	60.59 0.98 0.00	59.18 0.49 0.00	57.73 0.54 0.00	51.63 1.30 0.00	49.41 1.24 0.00	49.84 1.22 0.00	55.74 1.67 0.00	51.66 1.59 0.00	49.52 1.46 0.00	51.16 1.43 0.00	47.81 1.29 0.00
SITHE___STERLING 23777	52.65 1.14 0.00	51.25 1.06 0.00	46.22 0.94 0.00	39.71 0.77 0.00	40.49 0.77 0.00	39.94 0.81 0.00	42.14 0.79 0.00	44.88 0.79 0.00	44.24 0.56 0.00	39.39 0.38 0.00	40.00 0.44 0.00	44.66 0.48 0.00	49.94 0.50 0.00	60.37 0.75 0.00	59.35 0.66 0.00	57.99 0.80 0.00	51.18 0.85 0.00	49.07 0.89 0.00	49.86 1.24 0.00	55.65 1.58 0.00	51.43 1.36 0.00	49.35 1.30 0.01	50.95 1.23 0.01	47.59 1.07 0.00
SLEIGHT___34_KV_TB1 80719	51.01 -0.49 0.00	49.62 -0.57 0.00	44.66 -0.63 0.00	38.34 -0.60 0.00	39.11 -0.61 0.00	38.53 -0.60 0.00	40.50 -0.85 0.00	43.24 -0.85 0.00	42.73 -0.95 0.00	38.07 -0.95 0.00	38.71 -0.85 0.00	43.28 -0.91 0.00	48.55 -0.89 0.00	58.47 -1.15 0.00	57.37 -1.31 0.00	55.36 -1.83 0.00	48.95 -1.38 0.00	47.25 -0.92 0.00	47.95 -0.68 0.00	53.62 -0.45 0.00	49.39 -0.69 0.00	47.22 -0.80 0.04	48.68 -1.01 0.04	45.52 -1.00 0.00
SOUTH CAIRO___GT 23612	53.36 1.86 0.00	52.06 1.87 0.00	46.93 1.65 0.00	40.30 1.36 0.00	41.18 1.46 0.00	40.58 1.44 0.00	42.79 1.43 0.00	45.62 1.53 0.00	44.99 1.31 0.00	39.91 0.89 0.00	40.37 0.81 0.00	45.18 0.99 0.00	50.86 1.42 0.00	61.38 1.76 0.00	60.74 2.05 0.00	59.37 2.18 0.00	52.63 2.30 0.00	50.34 2.16 0.00	50.72 2.10 0.00	56.65 2.58 0.00	52.55 2.48 0.00	50.39 2.32 0.00	52.07 2.35 0.00	48.54 2.02 0.00
SOUTH HAMPTN___IC 23720	53.94 2.44 0.00	52.90 2.71 0.00	47.64 2.35 0.00	40.71 1.78 0.00	41.50 1.78 0.00	41.16 2.02 0.00	43.70 2.35 0.00	46.08 1.99 0.00	46.08 2.40 0.00	41.62 2.61 0.00	42.81 3.25 0.00	48.62 4.12 -0.31	53.95 4.51 0.00	64.04 4.42 0.00	62.88 4.19 0.00	62.49 5.30 0.00	55.28 4.95 0.00	52.32 4.14 0.00	52.74 4.12 0.00	57.04 2.97 0.00	53.66 3.59 0.00	52.00 3.93 0.00	53.69 3.96 0.00	50.14 3.62 0.00
SOUTHDOW_115KV_TB1 355954	52.64 1.14 0.00	50.96 0.77 0.00	45.50 0.21 0.00	39.15 0.21 0.00	39.86 0.14 0.00	39.43 0.29 0.00	41.53 0.18 0.00	44.40 0.31 0.00	43.78 0.09 0.00	39.00 -0.01 0.00	39.53 -0.03 0.00	44.12 -0.06 0.00	49.69 0.26 0.00	59.98 0.37 0.00	58.71 0.02 0.00	56.67 -0.51 0.00	50.01 -0.32 0.00	48.29 0.11 0.00	48.89 0.27 0.00	55.30 1.23 0.00	50.44 0.37 0.00	48.13 0.10 0.04	49.66 -0.03 0.04	46.35 -0.17 0.00
SOUTHOLD_69_KV_BK 2 55809	54.62 3.12 0.00	53.75 3.55 0.00	48.27 2.98 0.00	41.12 2.19 0.00	41.99 2.27 0.00	41.69 2.55 0.00	44.33 2.98 0.00	46.74 2.65 0.00	46.89 3.21 0.00	42.42 3.40 0.00	43.70 4.14 0.00	49.72 5.22 -0.31	55.23 5.79 0.00	65.58 5.97 0.00	64.15 5.47 0.00	63.74 6.55 0.00	56.39 6.06 0.00	53.28 5.10 0.00	53.48 4.86 0.00	57.62 3.55 0.00	54.61 4.54 0.00	53.00 4.93 0.00	54.68 4.95 0.00	51.02 4.50 0.00
SOUTHOLD___IC 23719	54.61 3.11 0.00	53.73 3.54 0.00	48.26 2.97 0.00	41.13 2.19 0.00	41.99 2.27 0.00	41.69 2.56 0.00	44.33 2.98 0.00	46.74 2.65 0.00	46.89 3.21 0.00	42.41 3.40 0.00	43.69 4.14 0.00	49.71 5.22 -0.31	55.21 5.77 0.00	65.57 5.95 0.00	64.16 5.47 0.00	63.74 6.55 0.00	56.39 6.06 0.00	53.28 5.10 0.00	53.49 4.86 0.00	57.62 3.55 0.00	54.60 4.53 0.00	53.00 4.93 0.00	54.67 4.94 0.00	51.02 4.50 0.00

SOUTH_FORK_WT_PWR 323839	54.46 2.96 0.00	53.78 3.59 0.00	48.24 2.95 0.00	41.04 2.10 0.00	41.95 2.23 0.00	41.70 2.56 0.00	44.40 3.05 0.00	46.74 2.65 0.00	46.97 3.29 0.00	42.52 3.50 0.00	43.83 4.28 0.00	49.92 5.42 -0.31	55.44 6.00 0.00	65.83 6.21 0.00	64.17 5.48 0.00	63.67 6.48 0.00	56.30 5.98 0.00	53.14 4.96 0.00	53.22 4.60 0.00	57.14 3.06 0.00	54.54 4.47 0.00	53.03 4.97 0.00	54.74 5.01 0.00	51.11 4.59 0.00
SPIERFLS_115KV_TB 1 80737	53.27 1.77 0.00	52.00 1.81 0.00	46.88 1.59 0.00	40.24 1.30 0.00	41.06 1.34 0.00	40.46 1.32 0.00	42.60 1.25 0.00	45.36 1.27 0.00	44.74 1.06 0.00	39.90 0.88 0.00	40.08 0.52 0.00	44.89 0.71 0.00	50.35 0.91 0.00	60.40 0.78 0.00	59.55 0.85 0.00	58.20 1.01 0.00	51.00 0.67 0.00	49.16 0.99 0.00	50.24 1.61 0.00	55.85 1.78 0.00	51.98 1.92 0.00	49.72 1.65 0.00	51.60 1.87 0.00	48.30 1.78 0.00
ST LAWRENCE____ 23600	51.61 0.11 0.00	50.23 0.03 0.00	45.28 -0.01 0.00	38.96 0.02 0.00	39.72 0.00 0.00	39.18 0.04 0.00	41.57 0.22 0.00	44.36 0.27 0.00	44.03 0.36 0.00	39.23 0.22 0.00	39.73 0.18 0.00	44.25 0.06 0.00	49.56 0.12 0.00	59.73 0.12 0.00	58.65 -0.04 0.00	57.04 -0.15 0.00	50.32 -0.01 0.00	48.23 0.05 0.00	48.53 -0.09 0.00	54.07 -0.01 0.00	50.10 0.03 0.00	48.04 -0.03 0.00	49.67 -0.05 0.00	46.47 -0.05 0.00
STATE_CA_115KV_115_LB 55624	51.75 0.24 0.00	50.60 0.41 0.00	45.66 0.37 0.00	39.26 0.33 0.00	40.15 0.43 0.00	39.52 0.38 0.00	41.62 0.27 0.00	44.34 0.25 0.00	43.96 0.28 0.00	39.30 0.28 0.00	39.79 0.23 0.00	44.54 0.36 0.00	49.94 0.50 0.00	60.26 0.64 0.00	59.46 0.77 0.00	58.11 0.92 0.00	51.07 0.74 0.00	48.70 0.52 0.00	49.20 0.58 0.00	54.54 0.47 0.00	50.59 0.52 0.00	48.62 0.55 0.00	50.38 0.65 0.00	47.09 0.57 0.00
STATE_ST_34_KV_LOAD 55959	51.67 0.16 0.00	50.35 0.16 0.00	45.44 0.15 0.00	38.89 -0.05 0.00	39.68 -0.04 0.00	39.22 0.08 0.00	41.31 -0.04 0.00	44.10 0.01 0.00	43.51 -0.17 0.00	38.60 -0.41 0.00	39.29 -0.27 0.00	43.79 -0.40 0.00	49.09 -0.35 0.00	59.15 -0.47 0.00	58.26 -0.43 0.00	56.47 -0.71 0.00	49.82 -0.51 0.00	48.02 -0.16 0.00	48.80 0.18 0.00	54.36 0.28 0.00	50.28 0.21 0.00	48.17 0.10 0.00	49.76 0.03 0.00	46.53 0.01 0.00
STATION 5_MISC_HYD 23604	51.17 -0.02 0.31	47.79 -0.15 2.25	42.50 -0.33 2.46	36.71 -0.31 1.92	38.02 -0.35 1.36	37.39 -0.38 1.36	40.46 -0.75 0.15	43.42 -0.67 0.00	43.03 -0.64 0.00	38.29 -0.49 0.23	39.07 -0.48 0.00	42.37 -0.46 1.36	47.25 -0.41 1.78	56.93 -0.58 2.10	56.81 -0.80 1.08	55.80 -1.39 0.00	48.94 -1.02 0.37	45.84 -0.48 1.86	45.76 -0.42 2.44	52.17 -0.15 1.75	49.19 -0.54 0.34	47.32 -0.69 0.05	48.76 -0.91 0.05	45.59 -0.93 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	51.48 -0.02 0.00	50.03 -0.16 0.00	45.00 -0.29 0.00	38.65 -0.28 0.00	39.41 -0.31 0.00	38.83 -0.31 0.00	40.80 -0.55 0.00	43.57 -0.52 0.00	43.12 -0.56 0.00	38.52 -0.49 0.00	39.09 -0.47 0.00	43.71 -0.47 0.00	49.01 -0.43 0.00	59.01 -0.61 0.00	57.95 -0.74 0.00	56.02 -1.17 0.00	49.44 -0.89 0.00	47.76 -0.41 0.00	48.43 -0.19 0.00	54.17 0.10 0.00	49.81 -0.26 0.00	47.59 -0.43 0.04	49.06 -0.62 0.04	45.87 -0.65 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	51.14 -0.36 0.00	49.70 -0.49 0.00	44.67 -0.62 0.00	38.37 -0.57 0.00	39.13 -0.59 0.00	38.52 -0.61 0.00	40.38 -0.97 0.00	43.17 -0.92 0.00	42.79 -0.89 0.00	38.30 -0.72 0.00	38.85 -0.70 0.00	43.50 -0.68 0.00	48.77 -0.67 0.00	58.71 -0.90 0.00	57.59 -1.10 0.00	55.53 -1.66 0.00	49.07 -1.26 0.00	47.43 -0.75 0.00	47.94 -0.69 0.00	53.59 -0.48 0.00	49.24 -0.83 0.00	47.05 -0.97 0.05	48.48 -1.20 0.05	45.33 -1.19 0.00
STA_56____34_KV_BUS2 355983	51.14 -0.36 0.00	49.70 -0.49 0.00	44.67 -0.62 0.00	38.37 -0.57 0.00	39.13 -0.59 0.00	38.52 -0.61 0.00	40.38 -0.97 0.00	43.17 -0.92 0.00	42.79 -0.89 0.00	38.30 -0.72 0.00	38.85 -0.70 0.00	43.50 -0.68 0.00	48.77 -0.67 0.00	58.71 -0.90 0.00	57.59 -1.10 0.00	55.53 -1.66 0.00	49.07 -1.26 0.00	47.43 -0.75 0.00	47.94 -0.69 0.00	53.59 -0.48 0.00	49.24 -0.83 0.00	47.05 -0.97 0.05	48.48 -1.20 0.05	45.33 -1.19 0.00
STA_67____115KV_BK2 355882	51.38 -0.12 0.00	49.93 -0.26 0.00	44.85 -0.43 0.00	38.53 -0.41 0.00	39.29 -0.43 0.00	38.67 -0.47 0.00	40.52 -0.83 0.00	43.33 -0.76 0.00	42.95 -0.73 0.00	38.44 -0.58 0.00	38.97 -0.58 0.00	43.63 -0.56 0.00	48.91 -0.53 0.00	58.89 -0.73 0.00	57.75 -0.94 0.00	55.64 -1.55 0.00	49.18 -1.15 0.00	47.54 -0.64 0.00	48.05 -0.57 0.00	53.77 -0.30 0.00	49.39 -0.68 0.00	47.20 -0.82 0.05	48.63 -1.05 0.05	45.48 -1.04 0.00
STA_7____115KV_9TRANS 80674	51.79 0.29 0.00	50.30 0.11 0.00	45.17 -0.12 0.00	38.80 -0.14 0.00	39.56 -0.16 0.00	38.93 -0.21 0.00	40.80 -0.56 0.00	43.62 -0.47 0.00	43.24 -0.43 0.00	38.72 -0.29 0.00	39.29 -0.27 0.00	43.95 -0.23 0.00	49.30 -0.14 0.00	59.42 -0.19 0.00	58.29 -0.39 0.00	56.18 -1.00 0.00	49.69 -0.64 0.00	48.07 -0.11 0.00	48.60 -0.02 0.00	54.34 0.27 0.00	49.89 -0.18 0.00	47.65 -0.36 0.05	49.07 -0.61 0.05	45.86 -0.66 0.00
STA_82____115KV_TB1 80780	51.33 -0.17 0.00	49.87 -0.32 0.00	44.80 -0.48 0.00	38.49 -0.45 0.00	39.25 -0.47 0.00	38.63 -0.51 0.00	40.48 -0.87 0.00	43.29 -0.80 0.00	42.90 -0.78 0.00	38.38 -0.64 0.00	38.92 -0.63 0.00	43.57 -0.62 0.00	48.84 -0.60 0.00	58.80 -0.82 0.00	57.65 -1.04 0.00	55.54 -1.65 0.00	49.10 -1.23 0.00	47.45 -0.73 0.00	47.97 -0.65 0.00	53.68 -0.39 0.00	49.33 -0.74 0.00	47.13 -0.89 0.05	48.57 -1.11 0.05	45.43 -1.10 0.00
STEEL____WIND 323596	50.55 -0.27 0.68	44.89 -0.42 4.88	39.23 -0.73 5.32	34.17 -0.61 4.15	36.15 -0.64 2.94	35.51 -0.68 2.95	39.80 -1.24 0.32	42.98 -1.11 0.00	42.60 -1.08 0.00	37.60 -0.91 0.51	38.57 -0.99 0.00	40.36 -0.89 2.94	44.84 -0.76 3.85	53.96 -1.11 4.55	54.76 -1.60 2.33	54.68 -2.51 0.00	47.61 -1.93 0.80	42.92 -1.23 4.02	42.01 -1.33 5.29	49.40 -0.88 3.79	47.82 -1.50 0.75	46.43 -1.60 0.05	47.94 -1.75 0.04	44.82 -1.70 0.00
STEPHTWN_115KV_BK_2 55603	52.06 0.56 0.00	50.97 0.78 0.00	45.68 0.39 0.00	39.32 0.38 0.00	40.27 0.55 0.00	39.63 0.49 0.00	41.75 0.39 0.00	44.55 0.46 0.00	44.06 0.38 0.00	39.37 0.35 0.00	39.89 0.34 0.00	44.59 0.41 0.00	50.11 0.67 0.00	60.41 0.80 0.00	59.50 0.81 0.00	58.27 1.09 0.00	51.29 0.96 0.00	49.05 0.87 0.00	49.53 0.91 0.00	54.96 0.89 0.00	50.90 0.84 0.00	48.85 0.78 0.00	50.65 0.92 0.00	47.26 0.75 0.00
STEUBEN_REC_LFGE 323667	52.26 0.76 0.00	50.78 0.59 0.00	45.48 0.19 0.00	39.02 0.08 0.00	39.73 0.01 0.00	39.43 0.29 0.00	41.49 0.14 0.00	44.21 0.12 0.00	43.28 -0.39 0.00	38.25 -0.76 0.00	38.74 -0.82 0.00	43.27 -0.91 0.00	48.62 -0.82 0.00	58.94 -0.68 0.00	57.61 -1.08 0.00	55.75 -1.43 0.00	49.12 -1.21 0.00	47.60 -0.57 0.00	48.45 -0.17 0.00	55.00 0.93 0.00	50.32 0.25 0.00	48.27 0.23 0.03	49.80 0.10 0.03	46.49 -0.04 0.00

STILLWATER___SOLAR 323814	53.20 1.70 0.00	51.99 1.80 0.00	46.87 1.58 0.00	40.26 1.32 0.00	41.12 1.40 0.00	40.50 1.37 0.00	42.64 1.28 0.00	45.40 1.31 0.00	44.79 1.11 0.00	39.96 0.94 0.00	40.32 0.76 0.00	45.18 1.00 0.00	50.67 1.23 0.00	61.04 1.43 0.00	60.22 1.54 0.00	58.78 1.60 0.00	51.66 1.33 0.00	49.58 1.41 0.00	50.36 1.74 0.00	55.91 1.84 0.00	51.92 1.86 0.00	49.81 1.74 0.00	51.64 1.92 0.00	48.29 1.77 0.00
STONY___BROOK 24151	53.63 2.13 0.00	52.47 2.28 0.00	47.35 2.06 0.00	40.57 1.63 0.00	41.30 1.58 0.00	40.81 1.67 0.00	43.22 1.87 0.00	45.75 1.66 0.00	45.66 1.98 0.00	41.16 2.15 0.00	42.24 2.69 0.00	47.86 3.36 -0.31	53.06 3.62 0.00	63.00 3.38 0.00	62.06 3.37 0.00	61.52 4.34 0.00	54.32 3.99 0.00	51.38 3.20 0.00	51.88 3.26 0.00	56.54 2.47 0.00	52.84 2.77 0.00	51.19 3.12 0.00	52.97 3.24 0.00	49.56 3.04 0.00
STURGEON_POOL_HYD 23609	53.00 1.50 0.00	51.56 1.37 0.00	46.37 1.08 0.00	39.82 0.88 0.00	40.59 0.87 0.00	39.95 0.81 0.00	42.26 0.91 0.00	45.07 0.98 0.00	44.77 1.09 0.00	40.20 1.19 0.00	40.95 1.40 0.00	45.96 1.77 0.00	51.47 2.03 0.00	62.14 2.53 0.00	61.32 2.63 0.00	60.09 2.91 0.00	52.79 2.46 0.00	50.16 1.98 0.00	50.54 1.91 0.00	55.91 1.84 0.00	51.78 1.71 0.00	49.74 1.67 0.00	51.51 1.78 0.00	48.14 1.62 0.00
ST_LAW_115_BK7_LBMP 345037	51.61 0.11 0.00	50.22 0.03 0.00	45.27 -0.02 0.00	38.95 0.01 0.00	39.73 0.01 0.00	39.18 0.04 0.00	41.59 0.23 0.00	44.38 0.29 0.00	44.05 0.37 0.00	39.24 0.23 0.00	39.75 0.19 0.00	44.24 0.06 0.00	49.56 0.12 0.00	59.73 0.11 0.00	58.62 -0.07 0.00	57.00 -0.19 0.00	50.31 -0.02 0.00	48.22 0.05 0.00	48.51 -0.11 0.00	54.04 -0.03 0.00	50.09 0.02 0.00	48.03 -0.04 0.00	49.66 -0.06 0.00	46.45 -0.07 0.00
ST_LAW_115_BK8_LBMP 345038	51.61 0.11 0.00	50.22 0.03 0.00	45.27 -0.02 0.00	38.95 0.01 0.00	39.73 0.01 0.00	39.18 0.04 0.00	41.59 0.23 0.00	44.38 0.29 0.00	44.05 0.37 0.00	39.24 0.23 0.00	39.75 0.19 0.00	44.24 0.06 0.00	49.56 0.12 0.00	59.73 0.11 0.00	58.62 -0.07 0.00	57.00 -0.19 0.00	50.31 -0.02 0.00	48.22 0.05 0.00	48.51 -0.11 0.00	54.04 -0.03 0.00	50.09 0.02 0.00	48.03 -0.04 0.00	49.66 -0.06 0.00	46.45 -0.07 0.00
ST_LAW_230_BK5_LBMP 345035	51.61 0.11 0.00	50.23 0.03 0.00	45.28 -0.01 0.00	38.96 0.02 0.00	39.72 0.00 0.00	39.18 0.04 0.00	41.57 0.22 0.00	44.36 0.27 0.00	44.03 0.36 0.00	39.23 0.22 0.00	39.73 0.18 0.00	44.25 0.06 0.00	49.56 0.12 0.00	59.73 0.12 0.00	58.65 -0.04 0.00	57.04 -0.15 0.00	50.32 -0.01 0.00	48.23 0.05 0.00	48.53 -0.09 0.00	54.07 -0.01 0.00	50.10 0.03 0.00	48.04 -0.03 0.00	49.67 -0.05 0.00	46.47 -0.05 0.00
ST_LAW_230_BK6_LBMP 345036	51.61 0.11 0.00	50.23 0.03 0.00	45.28 -0.01 0.00	38.96 0.02 0.00	39.72 0.00 0.00	39.18 0.04 0.00	41.57 0.22 0.00	44.36 0.27 0.00	44.03 0.36 0.00	39.23 0.22 0.00	39.73 0.18 0.00	44.25 0.06 0.00	49.56 0.12 0.00	59.73 0.12 0.00	58.65 -0.04 0.00	57.04 -0.15 0.00	50.32 -0.01 0.00	48.23 0.05 0.00	48.53 -0.09 0.00	54.07 -0.01 0.00	50.10 0.03 0.00	48.04 -0.03 0.00	49.67 -0.05 0.00	46.47 -0.05 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	52.93 1.43 0.00	51.43 1.24 0.00	46.24 0.95 0.00	39.72 0.78 0.00	40.49 0.77 0.00	39.86 0.72 0.00	42.17 0.82 0.00	44.97 0.89 0.00	44.64 0.96 0.00	40.07 1.05 0.00	40.81 1.26 0.00	45.79 1.61 0.00	51.32 1.88 0.00	61.92 2.30 0.00	61.15 2.46 0.00	59.86 2.67 0.00	52.61 2.28 0.00	49.98 1.80 0.00	50.42 1.80 0.00	55.85 1.78 0.00	51.71 1.64 0.00	49.65 1.59 0.00	51.42 1.69 0.00	48.07 1.55 0.00
SWANROAD_115KV_TB1 355699	50.02 -1.48 0.00	48.55 -1.64 0.00	43.26 -2.03 0.00	37.20 -1.73 0.00	38.01 -1.71 0.00	37.37 -1.77 0.00	39.17 -2.19 0.00	42.06 -2.03 0.00	41.79 -1.89 0.00	37.25 -1.77 0.00	37.72 -1.83 0.00	42.10 -2.08 0.00	47.20 -2.24 0.00	56.59 -3.02 0.00	55.40 -3.29 0.00	53.06 -4.13 0.00	46.78 -3.55 0.00	45.32 -2.86 0.00	45.60 -3.02 0.00	51.25 -2.82 0.00	46.90 -3.17 0.00	44.87 -3.15 0.05	46.40 -3.28 0.05	43.43 -3.09 0.00
SYNERGY___BIOGAS 323694	51.93 0.43 0.00	50.37 0.18 0.00	45.01 -0.28 0.00	38.68 -0.26 0.00	39.46 -0.26 0.00	38.81 -0.33 0.00	40.65 -0.70 0.00	43.55 -0.54 0.00	43.00 -0.68 0.00	38.17 -0.85 0.00	38.62 -0.93 0.00	43.18 -1.01 0.00	48.32 -1.12 0.00	58.17 -1.45 0.00	56.92 -1.77 0.00	54.70 -2.49 0.00	48.36 -1.97 0.00	46.79 -1.39 0.00	47.57 -1.05 0.00	53.87 -0.20 0.00	49.41 -0.67 0.00	47.15 -0.87 0.05	48.62 -1.07 0.05	45.42 -1.10 0.00
SYRACUSE___ENERGY_ST1 323597	51.13 -0.38 0.00	49.79 -0.40 0.00	44.97 -0.31 0.00	38.63 -0.30 0.00	39.41 -0.31 0.00	38.85 -0.29 0.00	40.97 -0.38 0.00	43.68 -0.41 0.00	43.19 -0.49 0.00	38.52 -0.49 0.00	39.11 -0.45 0.00	43.64 -0.54 0.00	48.76 -0.68 0.00	58.81 -0.80 0.00	57.87 -0.82 0.00	56.35 -0.83 0.00	49.62 -0.71 0.00	47.69 -0.49 0.00	48.32 -0.31 0.00	53.83 -0.24 0.00	49.74 -0.32 0.00	47.67 -0.40 0.00	49.23 -0.50 0.00	46.05 -0.47 0.00
SYRACUSE___ENERGY_ST2 323598	51.13 -0.38 0.00	49.79 -0.40 0.00	44.97 -0.31 0.00	38.63 -0.30 0.00	39.41 -0.31 0.00	38.85 -0.29 0.00	40.97 -0.38 0.00	43.68 -0.41 0.00	43.19 -0.49 0.00	38.52 -0.49 0.00	39.11 -0.45 0.00	43.64 -0.54 0.00	48.76 -0.68 0.00	58.81 -0.80 0.00	57.87 -0.82 0.00	56.35 -0.83 0.00	49.62 -0.71 0.00	47.69 -0.49 0.00	48.32 -0.31 0.00	53.83 -0.24 0.00	49.74 -0.32 0.00	47.67 -0.40 0.00	49.23 -0.50 0.00	46.05 -0.47 0.00
SYRACUSE___POWER 24017	51.14 -0.37 0.00	49.78 -0.41 0.00	44.97 -0.32 0.00	38.64 -0.30 0.00	39.41 -0.31 0.00	38.82 -0.32 0.00	40.96 -0.39 0.00	43.66 -0.43 0.00	43.17 -0.51 0.00	38.55 -0.47 0.00	39.12 -0.43 0.00	43.69 -0.50 0.00	48.79 -0.65 0.00	58.87 -0.75 0.00	57.93 -0.76 0.00	56.46 -0.73 0.00	49.71 -0.62 0.00	47.75 -0.42 0.00	48.36 -0.27 0.00	53.88 -0.19 0.00	49.76 -0.31 0.00	47.68 -0.37 0.02	49.22 -0.49 0.01	46.05 -0.47 0.00
TALLMAN___138KV_BK151 55660	53.19 1.69 0.00	51.64 1.45 0.00	46.41 1.13 0.00	39.87 0.93 0.00	40.62 0.90 0.00	39.99 0.85 0.00	42.35 1.00 0.00	45.18 1.09 0.00	44.87 1.19 0.00	40.32 1.30 0.00	41.11 1.56 0.00	46.14 1.96 0.00	51.72 2.28 0.00	62.35 2.73 0.00	61.61 2.92 0.00	60.31 3.13 0.00	53.00 2.67 0.00	50.26 2.09 0.00	50.69 2.07 0.00	56.12 2.05 0.00	51.94 1.87 0.00	49.89 1.82 0.00	51.68 1.96 0.00	48.32 1.80 0.00
TEALLAVE_115KV_TB7 355573	50.89 -0.61 0.00	49.55 -0.64 0.00	44.76 -0.53 0.00	38.47 -0.46 0.00	39.24 -0.48 0.00	38.66 -0.47 0.00	40.77 -0.58 0.00	43.47 -0.62 0.00	42.99 -0.69 0.00	38.42 -0.60 0.00	38.99 -0.57 0.00	43.54 -0.64 0.00	48.62 -0.82 0.00	58.64 -0.98 0.00	57.70 -0.99 0.00	56.19 -0.99 0.00	49.47 -0.86 0.00	47.53 -0.65 0.00	48.09 -0.54 0.00	53.57 -0.50 0.00	49.48 -0.59 0.00	47.41 -0.64 0.02	48.96 -0.74 0.02	45.81 -0.71 0.00

TELGRAPH_34_KV_EAST 80808	51.12 -0.38 0.00	49.60 -0.59 0.00	44.29 -0.99 0.00	38.08 -0.85 0.00	38.87 -0.84 0.00	38.22 -0.91 0.00	40.03 -1.32 0.00	42.93 -1.16 0.00	42.55 -1.14 0.00	37.90 -1.12 0.00	38.36 -1.19 0.00	42.88 -1.31 0.00	48.05 -1.39 0.00	57.73 -1.89 0.00	56.50 -2.19 0.00	54.18 -3.01 0.00	47.88 -2.45 0.00	46.37 -1.81 0.00	46.87 -1.75 0.00	52.80 -1.27 0.00	48.36 -1.71 0.00	46.20 -1.82 0.05	47.70 -1.99 0.05	44.60 -1.92 0.00
TEMPLE___115KV_TB 2 55572	50.90 -0.60 0.00	49.56 -0.63 0.00	44.78 -0.51 0.00	38.49 -0.45 0.00	39.25 -0.47 0.00	38.67 -0.47 0.00	40.79 -0.56 0.00	43.48 -0.61 0.00	43.01 -0.67 0.00	38.44 -0.58 0.00	39.01 -0.54 0.00	43.57 -0.61 0.00	48.64 -0.80 0.00	58.66 -0.95 0.00	57.74 -0.95 0.00	56.23 -0.96 0.00	49.50 -0.83 0.00	47.54 -0.64 0.00	48.11 -0.51 0.00	53.61 -0.47 0.00	49.50 -0.57 0.00	47.43 -0.62 0.02	48.97 -0.74 0.02	45.84 -0.68 0.00
TIANA___69_KV_BK 1 55817	53.78 2.28 0.00	52.68 2.49 0.00	47.48 2.19 0.00	40.61 1.67 0.00	41.39 1.66 0.00	41.01 1.88 0.00	43.52 2.16 0.00	45.90 1.81 0.00	45.86 2.18 0.00	41.40 2.38 0.00	42.55 3.00 0.00	48.30 3.81 -0.31	53.60 4.16 0.00	63.62 4.00 0.00	62.55 3.86 0.00	62.15 4.97 0.00	55.00 4.67 0.00	52.08 3.90 0.00	52.57 3.95 0.00	56.94 2.87 0.00	53.43 3.36 0.00	51.75 3.68 0.00	53.44 3.72 0.00	49.90 3.38 0.00
TILDEN___115KV_TB1 80814	51.14 -0.37 0.00	49.78 -0.41 0.00	44.97 -0.32 0.00	38.64 -0.30 0.00	39.41 -0.31 0.00	38.82 -0.32 0.00	40.96 -0.39 0.00	43.66 -0.43 0.00	43.17 -0.51 0.00	38.55 -0.47 0.00	39.12 -0.43 0.00	43.69 -0.50 0.00	48.79 -0.65 0.00	58.87 -0.75 0.00	57.93 -0.76 0.00	56.46 -0.73 0.00	49.71 -0.62 0.00	47.75 -0.42 0.00	48.36 -0.27 0.00	53.88 -0.19 0.00	49.76 -0.31 0.00	47.68 -0.37 0.02	49.22 -0.49 0.01	46.05 -0.47 0.00
TRIGEN___CC 323695	53.54 2.04 0.00	52.17 1.98 0.00	47.03 1.74 0.00	40.36 1.42 0.00	41.08 1.36 0.00	40.49 1.35 0.00	42.84 1.49 0.00	45.55 1.46 0.00	45.38 1.70 0.00	40.85 1.83 0.00	41.84 2.29 0.00	47.30 2.80 -0.31	52.44 3.00 0.00	62.73 3.11 0.00	61.87 3.18 0.00	60.95 3.76 0.00	53.68 3.34 0.00	50.86 2.69 0.00	51.29 2.67 0.00	56.41 2.35 0.00	52.45 2.38 0.00	50.61 2.54 0.00	52.31 2.59 0.00	48.98 2.46 0.00
TRINITY___115KV__ 4 BK 55933	51.50 0.00 0.00	50.37 0.18 0.00	45.45 0.17 0.00	39.09 0.16 0.00	39.97 0.25 0.00	39.35 0.21 0.00	41.45 0.10 0.00	44.16 0.07 0.00	43.77 0.09 0.00	39.13 0.11 0.00	39.60 0.05 0.00	44.34 0.15 0.00	49.71 0.26 0.00	59.96 0.34 0.00	59.16 0.47 0.00	57.77 0.59 0.00	50.78 0.45 0.00	48.42 0.24 0.00	48.91 0.29 0.00	54.22 0.15 0.00	50.31 0.24 0.00	48.36 0.30 0.00	50.14 0.42 0.00	46.89 0.36 0.00
UNION___PROCESSING_DRP 323587	51.33 -0.17 0.00	49.88 -0.31 0.00	44.81 -0.47 0.00	38.49 -0.44 0.00	39.26 -0.46 0.00	38.64 -0.50 0.00	40.50 -0.86 0.00	43.30 -0.79 0.00	42.91 -0.76 0.00	38.38 -0.63 0.00	38.93 -0.63 0.00	43.58 -0.61 0.00	48.84 -0.60 0.00	58.80 -0.81 0.00	57.67 -1.02 0.00	55.54 -1.65 0.00	49.11 -1.22 0.00	47.46 -0.71 0.00	47.99 -0.63 0.00	53.70 -0.37 0.00	49.34 -0.73 0.00	47.14 -0.87 0.05	48.58 -1.10 0.05	45.44 -1.09 0.00
UPPER HUDSON___HYD 24058	53.28 1.78 0.00	52.00 1.81 0.00	46.88 1.59 0.00	40.24 1.30 0.00	41.06 1.34 0.00	40.46 1.32 0.00	42.61 1.25 0.00	45.36 1.27 0.00	44.73 1.06 0.00	39.90 0.88 0.00	40.08 0.52 0.00	44.89 0.71 0.00	50.34 0.90 0.00	60.40 0.78 0.00	59.55 0.85 0.00	58.21 1.02 0.00	51.00 0.67 0.00	49.16 0.99 0.00	50.24 1.61 0.00	55.85 1.78 0.00	51.99 1.92 0.00	49.72 1.66 0.00	51.60 1.87 0.00	48.30 1.78 0.00
UPPER RAQUET___HYD 24056	52.25 0.75 0.00	50.83 0.64 0.00	45.78 0.50 0.00	39.43 0.50 0.00	40.21 0.49 0.00	39.70 0.56 0.00	42.12 0.78 0.00	44.90 0.81 0.00	44.55 0.86 0.00	39.75 0.74 0.00	40.30 0.75 0.00	44.72 0.53 0.00	50.09 0.65 0.00	60.11 0.49 0.00	58.83 0.14 0.00	57.35 0.16 0.00	50.97 0.64 0.00	48.75 0.57 0.00	49.11 0.48 0.00	54.77 0.70 0.00	50.78 0.71 0.00	48.71 0.64 0.00	50.34 0.61 0.00	47.05 0.52 0.00
VALLEY44_115KV_TB2 355964	51.15 -0.35 0.00	49.58 -0.61 0.00	44.33 -0.95 0.00	38.25 -0.69 0.00	38.97 -0.75 0.00	38.59 -0.55 0.00	40.78 -0.57 0.00	43.53 -0.56 0.00	42.97 -0.71 0.00	38.33 -0.68 0.00	39.00 -0.56 0.00	43.27 -0.91 0.00	48.42 -1.03 0.00	58.55 -1.06 0.00	57.58 -1.11 0.00	55.69 -1.49 0.00	49.02 -1.31 0.00	47.07 -1.10 0.00	47.72 -0.91 0.00	53.93 -0.15 0.00	49.32 -0.76 0.00	47.05 -0.98 0.04	48.68 -1.01 0.04	45.54 -0.99 0.00
VALLEY___115KV_TB 1-4 80826	52.10 0.60 0.00	50.84 0.65 0.00	45.85 0.57 0.00	39.39 0.44 0.00	40.17 0.45 0.00	39.58 0.45 0.00	41.74 0.39 0.00	44.39 0.30 0.00	43.59 -0.08 0.00	38.72 -0.30 0.00	39.14 -0.41 0.00	43.86 -0.32 0.00	49.34 -0.10 0.00	59.57 -0.05 0.00	59.13 0.44 0.00	57.44 0.26 0.00	50.84 0.51 0.00	48.67 0.49 0.00	49.35 0.73 0.00	54.92 0.85 0.00	50.84 0.77 0.00	48.91 0.84 0.00	50.65 0.93 0.00	47.38 0.86 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	52.99 1.49 0.00	51.57 1.38 0.00	46.42 1.13 0.00	39.88 0.94 0.00	40.66 0.94 0.00	40.06 0.92 0.00	42.32 0.96 0.00	45.12 1.03 0.00	44.81 1.12 0.00	40.17 1.15 0.00	40.78 1.22 0.00	45.63 1.44 0.00	51.04 1.60 0.00	61.66 2.04 0.00	60.73 2.04 0.00	59.37 2.19 0.00	52.16 1.83 0.00	50.08 1.90 0.00	50.57 1.95 0.00	56.17 2.10 0.00	51.96 1.89 0.00	49.81 1.75 0.01	51.49 1.77 0.01	48.06 1.53 0.00
VISCHER___FERRY HYD 24020	52.40 0.90 0.00	51.31 1.12 0.00	46.32 1.03 0.00	39.82 0.88 0.00	40.72 1.00 0.00	40.08 0.94 0.00	42.14 0.79 0.00	44.89 0.80 0.00	44.42 0.74 0.00	39.69 0.68 0.00	40.08 0.52 0.00	44.92 0.74 0.00	50.39 0.95 0.00	60.76 1.15 0.00	59.92 1.23 0.00	58.48 1.29 0.00	51.39 1.06 0.00	49.08 0.90 0.00	49.69 1.07 0.00	55.10 1.03 0.00	51.17 1.10 0.00	49.20 1.13 0.00	51.06 1.34 0.00	47.76 1.24 0.00
V_A_10_SYNC_DSASP 323832	50.44 -1.06 0.00	49.03 -1.16 0.00	43.97 -1.32 0.00	37.81 -1.13 0.00	38.60 -1.12 0.00	37.97 -1.16 0.00	39.68 -1.67 0.00	42.51 -1.58 0.00	42.21 -1.47 0.00	37.74 -1.27 0.00	38.23 -1.32 0.00	42.85 -1.34 0.00	48.03 -1.41 0.00	57.66 -1.96 0.00	56.44 -2.25 0.00	54.12 -3.07 0.00	47.85 -2.48 0.00	46.26 -1.92 0.00	46.60 -2.03 0.00	52.24 -1.83 0.00	47.91 -2.17 0.00	45.81 -2.21 0.05	47.28 -2.40 0.05	44.30 -2.22 0.00
V_CMM_10_SYNC_DSASP 323787	51.76 0.26 0.00	50.30 0.11 0.00	45.43 0.14 0.00	39.15 0.21 0.00	39.90 0.18 0.00	39.31 0.17 0.00	41.73 0.37 0.00	44.52 0.43 0.00	44.21 0.53 0.00	39.42 0.40 0.00	39.93 0.37 0.00	44.36 0.17 0.00	49.71 0.27 0.00	59.87 0.26 0.00	58.77 0.08 0.00	57.16 -0.03 0.00	50.39 0.06 0.00	48.32 0.14 0.00	48.64 0.01 0.00	54.21 0.14 0.00	50.22 0.15 0.00	48.16 0.09 0.00	49.80 0.07 0.00	46.61 0.08 0.00

V_CMP_10_SYNC_DSASP 323788	52.41 0.91 0.00	51.01 0.82 0.00	45.96 0.68 0.00	39.60 0.66 0.00	40.38 0.66 0.00	39.84 0.70 0.00	42.19 0.83 0.00	44.98 0.89 0.00	44.59 0.92 0.00	39.83 0.81 0.00	40.33 0.77 0.00	44.89 0.70 0.00	50.36 0.92 0.00	60.71 1.10 0.00	59.55 0.86 0.00	57.93 0.75 0.00	51.03 0.70 0.00	48.95 0.77 0.00	49.38 0.76 0.00	54.97 0.90 0.00	50.91 0.84 0.00	48.64 0.57 0.00	50.35 0.63 0.00	47.17 0.65 0.00
V_D_10_SYNC_DSASP 323841	52.10 0.60 0.00	50.70 0.51 0.00	45.70 0.41 0.00	39.36 0.42 0.00	40.12 0.40 0.00	39.61 0.47 0.00	42.01 0.66 0.00	44.80 0.71 0.00	44.46 0.78 0.00	39.63 0.62 0.00	40.14 0.58 0.00	44.63 0.45 0.00	49.99 0.55 0.00	60.20 0.59 0.00	59.05 0.36 0.00	57.44 0.25 0.00	50.81 0.48 0.00	48.66 0.49 0.00	48.96 0.34 0.00	54.55 0.48 0.00	50.58 0.51 0.00	48.49 0.42 0.00	50.12 0.40 0.00	46.88 0.36 0.00
V_E_10_SYNC_DSASP 323830	54.61 3.11 0.00	53.20 3.01 0.00	47.86 2.57 0.00	41.04 2.10 0.00	41.74 2.02 0.00	41.20 2.06 0.00	43.40 2.05 0.00	46.20 2.10 0.00	45.63 1.95 0.00	40.19 1.18 0.00	40.47 0.92 0.00	45.07 0.89 0.00	50.51 1.07 0.00	61.55 1.93 0.00	60.39 1.70 0.00	59.48 2.30 0.00	51.62 1.29 0.00	50.88 2.71 0.00	51.71 3.09 0.00	57.99 3.92 0.00	53.51 3.44 0.00	50.84 2.78 0.01	52.76 3.05 0.01	49.37 2.85 0.00
V_F_30_NSYNC___DSASP 323816	53.26 1.76 0.00	52.03 1.84 0.00	46.91 1.62 0.00	40.30 1.36 0.00	41.15 1.44 0.00	40.54 1.40 0.00	42.68 1.32 0.00	45.45 1.36 0.00	44.87 1.19 0.00	40.03 1.01 0.00	40.40 0.85 0.00	45.28 1.09 0.00	50.78 1.34 0.00	61.16 1.55 0.00	60.35 1.67 0.00	58.88 1.70 0.00	51.76 1.43 0.00	49.68 1.50 0.00	50.44 1.82 0.00	55.98 1.91 0.00	52.00 1.93 0.00	49.86 1.79 0.00	51.69 1.96 0.00	48.33 1.81 0.00
V_F_30_SYNC_DSASP 323786	51.75 0.24 0.00	50.59 0.40 0.00	45.66 0.37 0.00	39.26 0.32 0.00	40.15 0.43 0.00	39.52 0.38 0.00	41.62 0.27 0.00	44.34 0.25 0.00	43.95 0.27 0.00	39.30 0.28 0.00	39.77 0.22 0.00	44.54 0.35 0.00	49.94 0.50 0.00	60.25 0.63 0.00	59.44 0.75 0.00	58.09 0.91 0.00	51.06 0.74 0.00	48.70 0.52 0.00	49.19 0.56 0.00	54.53 0.46 0.00	50.59 0.52 0.00	48.61 0.54 0.00	50.37 0.65 0.00	47.09 0.57 0.00
V_XM_10_SYNC_DSASP 323789	52.41 0.91 0.00	51.01 0.82 0.00	45.96 0.68 0.00	39.60 0.66 0.00	40.38 0.66 0.00	39.84 0.70 0.00	42.19 0.83 0.00	44.98 0.89 0.00	44.59 0.92 0.00	39.83 0.81 0.00	40.33 0.77 0.00	44.89 0.70 0.00	50.36 0.92 0.00	60.71 1.10 0.00	59.55 0.86 0.00	57.93 0.75 0.00	51.03 0.70 0.00	48.95 0.77 0.00	49.38 0.76 0.00	54.97 0.90 0.00	50.91 0.84 0.00	48.64 0.57 0.00	50.35 0.63 0.00	47.17 0.65 0.00
W.BABYLN_69_KV_BK1 56697	54.28 2.78 0.00	53.00 2.81 0.00	47.78 2.50 0.00	40.96 2.02 0.00	41.70 1.98 0.00	41.13 2.00 0.00	43.52 2.17 0.00	46.16 2.07 0.00	46.05 2.38 0.00	41.50 2.48 0.00	42.55 2.99 0.00	48.18 3.68 -0.31	53.44 4.00 0.00	63.60 3.98 0.00	62.58 3.89 0.00	61.83 4.64 0.00	54.64 4.31 0.00	51.89 3.71 0.00	52.37 3.75 0.00	57.33 3.27 0.00	53.42 3.35 0.00	51.63 3.56 0.00	53.38 3.66 0.00	49.99 3.47 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	53.39 1.89 0.00	51.86 1.67 0.00	46.59 1.30 0.00	40.02 1.09 0.00	40.78 1.06 0.00	40.15 1.01 0.00	42.51 1.16 0.00	45.34 1.25 0.00	45.04 1.36 0.00	40.47 1.46 0.00	41.26 1.71 0.00	46.32 2.13 0.00	51.90 2.46 0.00	62.59 2.98 0.00	61.84 3.15 0.00	60.56 3.37 0.00	53.22 2.89 0.00	50.49 2.32 0.00	50.91 2.29 0.00	56.34 2.27 0.00	52.15 2.08 0.00	50.09 2.02 0.00	51.89 2.16 0.00	48.50 1.98 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	53.63 2.13 0.00	52.10 1.91 0.00	46.82 1.53 0.00	40.21 1.28 0.00	40.96 1.24 0.00	40.33 1.19 0.00	42.69 1.34 0.00	45.54 1.45 0.00	45.26 1.59 0.00	40.73 1.71 0.00	41.56 2.00 0.00	46.64 2.46 0.00	52.16 2.72 0.00	62.82 3.21 0.00	62.02 3.34 0.00	60.78 3.59 0.00	53.31 2.98 0.00	50.46 2.28 0.00	50.78 2.16 0.00	56.08 2.02 0.00	51.96 1.89 0.00	50.08 2.01 0.00	51.95 2.23 0.00	48.60 2.08 0.00
W50THST__13_KV_LOAD 356117	53.93 2.44 0.00	52.39 2.20 0.00	47.09 1.80 0.00	40.43 1.50 0.00	41.19 1.47 0.00	40.55 1.41 0.00	42.92 1.57 0.00	45.81 1.72 0.00	45.54 1.87 0.00	41.00 1.98 0.00	41.85 2.29 0.00	46.98 2.80 0.00	52.51 3.06 0.00	63.23 3.62 0.00	62.43 3.74 0.00	61.17 3.99 0.00	53.65 3.32 0.00	50.80 2.62 0.00	51.09 2.47 0.00	56.44 2.37 0.00	52.29 2.21 0.00	50.37 2.30 0.00	52.24 2.51 0.00	48.87 2.36 0.00
WADING RIVER_IC_1 23522	53.00 1.50 0.00	51.89 1.70 0.00	46.84 1.55 0.00	40.12 1.19 0.00	40.86 1.14 0.00	40.53 1.40 0.00	43.00 1.65 0.00	45.28 1.19 0.00	45.12 1.45 0.00	40.69 1.68 0.00	41.78 2.23 0.00	47.40 2.90 -0.31	52.54 3.10 0.00	62.33 2.72 0.00	61.38 2.69 0.00	60.99 3.80 0.00	53.93 3.60 0.00	51.13 2.96 0.00	51.76 3.14 0.00	56.03 1.96 0.00	52.50 2.43 0.00	50.86 2.79 0.00	52.57 2.84 0.00	49.10 2.58 0.00
WADING RIVER_IC_2 23547	53.00 1.50 0.00	51.89 1.70 0.00	46.84 1.55 0.00	40.12 1.19 0.00	40.86 1.14 0.00	40.53 1.40 0.00	43.00 1.65 0.00	45.28 1.19 0.00	45.12 1.45 0.00	40.69 1.68 0.00	41.78 2.23 0.00	47.40 2.90 -0.31	52.54 3.10 0.00	62.33 2.72 0.00	61.38 2.69 0.00	60.99 3.80 0.00	53.93 3.60 0.00	51.13 2.96 0.00	51.76 3.14 0.00	56.03 1.96 0.00	52.50 2.43 0.00	50.86 2.79 0.00	52.57 2.84 0.00	49.10 2.58 0.00
WADING RIVER_IC_3 23601	53.00 1.50 0.00	51.89 1.70 0.00	46.84 1.55 0.00	40.12 1.19 0.00	40.86 1.14 0.00	40.53 1.40 0.00	43.00 1.65 0.00	45.28 1.19 0.00	45.12 1.45 0.00	40.69 1.68 0.00	41.78 2.23 0.00	47.40 2.90 -0.31	52.54 3.10 0.00	62.33 2.72 0.00	61.38 2.69 0.00	60.99 3.80 0.00	53.93 3.60 0.00	51.13 2.96 0.00	51.76 3.14 0.00	56.03 1.96 0.00	52.50 2.43 0.00	50.86 2.79 0.00	52.57 2.84 0.00	49.10 2.58 0.00
WALDENNY_12_KV_BK2 80841	51.30 -0.20 0.00	49.79 -0.40 0.00	44.53 -0.75 0.00	38.29 -0.65 0.00	39.07 -0.65 0.00	38.45 -0.69 0.00	40.14 -1.21 0.00	43.03 -1.06 0.00	42.68 -1.01 0.00	38.15 -0.87 0.00	38.64 -0.92 0.00	43.35 -0.84 0.00	48.73 -0.72 0.00	58.53 -1.09 0.00	57.18 -1.52 0.00	54.76 -2.43 0.00	48.45 -1.88 0.00	46.97 -1.20 0.00	47.32 -1.30 0.00	53.21 -0.86 0.00	48.59 -1.48 0.00	46.43 -1.60 0.05	47.91 -1.78 0.04	44.83 -1.69 0.00
WALDEN___HYDRO 24148	53.19 1.69 0.00	51.67 1.48 0.00	46.46 1.18 0.00	39.90 0.97 0.00	40.65 0.93 0.00	40.03 0.89 0.00	42.36 1.00 0.00	45.16 1.07 0.00	44.82 1.13 0.00	40.20 1.19 0.00	40.93 1.38 0.00	45.94 1.75 0.00	51.47 2.03 0.00	62.11 2.49 0.00	61.34 2.65 0.00	60.11 2.93 0.00	52.85 2.52 0.00	50.25 2.08 0.00	50.71 2.08 0.00	56.15 2.07 0.00	51.98 1.91 0.00	49.91 1.85 0.00	51.68 1.95 0.00	48.30 1.78 0.00

WARRENSBURG____ 23737	53.27 1.77 0.00	52.00 1.81 0.00	46.88 1.59 0.00	40.24 1.30 0.00	41.06 1.34 0.00	40.46 1.32 0.00	42.60 1.25 0.00	45.36 1.27 0.00	44.74 1.06 0.00	39.90 0.88 0.00	40.08 0.52 0.00	44.89 0.71 0.00	50.35 0.91 0.00	60.40 0.78 0.00	59.55 0.85 0.00	58.20 1.01 0.00	51.00 0.67 0.00	49.16 0.99 0.00	50.24 1.61 0.00	55.85 1.78 0.00	51.98 1.92 0.00	49.72 1.65 0.00	51.60 1.87 0.00	48.30 1.78 0.00
WATERSIDE____6 8 9 23538	53.61 2.11 0.00	52.11 1.92 0.00	46.86 1.57 0.00	40.22 1.29 0.00	40.98 1.26 0.00	40.35 1.21 0.00	42.71 1.36 0.00	45.56 1.47 0.00	45.29 1.61 0.00	40.75 1.73 0.00	41.58 2.02 0.00	46.65 2.46 0.00	52.12 2.67 0.00	62.80 3.19 0.00	62.03 3.34 0.00	60.77 3.59 0.00	53.29 2.96 0.00	50.40 2.23 0.00	50.68 2.06 0.00	56.01 1.94 0.00	51.93 1.86 0.00	50.06 1.99 0.00	51.93 2.20 0.00	48.59 2.07 0.00
WATKINRD_115KV_LN8_ILLION 55919	51.86 0.36 0.00	50.59 0.40 0.00	45.63 0.34 0.00	39.22 0.27 0.00	40.00 0.28 0.00	39.42 0.28 0.00	41.58 0.22 0.00	44.24 0.15 0.00	43.56 -0.12 0.00	38.76 -0.26 0.00	39.22 -0.34 0.00	43.91 -0.28 0.00	49.33 -0.11 0.00	59.53 -0.09 0.00	58.94 0.25 0.00	57.35 0.17 0.00	50.66 0.33 0.00	48.48 0.30 0.00	49.09 0.47 0.00	54.61 0.54 0.00	50.56 0.49 0.00	48.63 0.56 0.00	50.33 0.61 0.00	47.08 0.56 0.00
WDELAWARE____HYD 323627	52.42 0.92 0.00	50.91 0.72 0.00	45.77 0.48 0.00	39.29 0.35 0.00	40.04 0.32 0.00	39.43 0.29 0.00	41.72 0.37 0.00	44.49 0.40 0.00	44.17 0.49 0.00	39.57 0.55 0.00	40.25 0.70 0.00	45.16 0.97 0.00	50.61 1.18 0.00	61.08 1.46 0.00	60.35 1.66 0.00	59.24 2.05 0.00	52.11 1.78 0.00	49.66 1.48 0.00	50.11 1.48 0.00	55.50 1.43 0.00	51.38 1.31 0.00	49.32 1.25 0.00	51.02 1.30 0.00	47.64 1.12 0.00
WEST BABYLON____IC 23714	54.28 2.78 0.00	53.00 2.81 0.00	47.78 2.50 0.00	40.96 2.02 0.00	41.70 1.98 0.00	41.13 2.00 0.00	43.52 2.17 0.00	46.16 2.07 0.00	46.05 2.38 0.00	41.50 2.48 0.00	42.55 2.99 0.00	48.18 3.68 -0.31	53.44 4.00 0.00	63.60 3.98 0.00	62.58 3.89 0.00	61.83 4.64 0.00	54.64 4.31 0.00	51.89 3.71 0.00	52.37 3.75 0.00	57.33 3.27 0.00	53.42 3.35 0.00	51.63 3.56 0.00	53.38 3.66 0.00	49.99 3.47 0.00
WEST CANADA____HYD 24049	51.53 0.04 0.00	50.24 0.05 0.00	45.33 0.05 0.00	38.98 0.04 0.00	39.76 0.04 0.00	39.18 0.04 0.00	41.35 0.00 0.00	44.09 0.00 0.00	43.64 -0.03 0.00	38.99 -0.03 0.00	39.52 -0.04 0.00	44.17 -0.02 0.00	49.44 0.00 0.00	59.62 0.00 0.00	58.77 0.08 0.00	57.30 0.11 0.00	50.41 0.07 0.00	48.22 0.05 0.00	48.72 0.09 0.00	54.12 0.05 0.00	50.15 0.08 0.00	48.16 0.09 0.00	49.83 0.11 0.00	46.61 0.09 0.00
WESTERN_NY_WIND 24143	51.87 0.37 0.00	50.31 0.12 0.00	44.94 -0.34 0.00	38.63 -0.31 0.00	39.41 -0.31 0.00	38.75 -0.39 0.00	40.59 -0.76 0.00	43.49 -0.61 0.00	42.95 -0.72 0.00	38.14 -0.88 0.00	38.58 -0.98 0.00	43.12 -1.06 0.00	48.27 -1.17 0.00	58.12 -1.50 0.00	56.86 -1.83 0.00	54.61 -2.57 0.00	48.31 -2.02 0.00	46.74 -1.44 0.00	47.51 -1.11 0.00	53.77 -0.30 0.00	49.31 -0.76 0.00	47.05 -0.96 0.05	48.53 -1.15 0.05	45.34 -1.19 0.00
WESTOVER____LESR 323668	51.44 -0.06 0.00	50.01 -0.18 0.00	44.99 -0.30 0.00	38.69 -0.25 0.00	39.44 -0.28 0.00	38.91 -0.22 0.00	41.11 -0.24 0.00	43.83 -0.26 0.00	43.31 -0.37 0.00	38.67 -0.34 0.00	39.30 -0.26 0.00	43.88 -0.30 0.00	49.09 -0.35 0.00	59.24 -0.37 0.00	58.28 -0.41 0.00	56.92 -0.26 0.00	50.00 -0.33 0.00	48.00 -0.17 0.00	48.57 -0.05 0.00	54.30 0.23 0.00	50.05 -0.02 0.00	47.96 -0.10 0.01	49.57 -0.15 0.01	46.38 -0.14 0.00
WETHRSFD_WT_PWR 323626	50.92 -0.40 0.18	48.36 -0.52 1.30	43.05 -0.82 1.42	37.14 -0.69 1.11	38.20 -0.73 0.78	37.67 -0.68 0.79	40.19 -1.08 0.08	43.01 -1.08 0.00	42.33 -1.34 0.00	37.48 -1.40 0.13	38.14 -1.41 0.00	41.87 -1.53 0.78	46.92 -1.50 1.03	56.61 -1.80 1.21	55.91 -2.16 0.62	54.33 -2.85 0.00	47.70 -2.42 0.21	45.35 -1.75 1.07	45.66 -1.55 1.41	52.24 -0.81 1.01	48.48 -1.39 0.20	46.63 -1.40 0.04	48.17 -1.52 0.04	45.06 -1.46 0.00
WHAVSTOR_138KV_BK127 55557	53.13 1.63 0.00	51.61 1.42 0.00	46.39 1.11 0.00	39.85 0.91 0.00	40.60 0.88 0.00	39.97 0.83 0.00	42.32 0.96 0.00	45.14 1.05 0.00	44.83 1.14 0.00	40.28 1.26 0.00	41.07 1.52 0.00	46.09 1.91 0.00	51.64 2.20 0.00	62.25 2.63 0.00	61.49 2.80 0.00	60.22 3.04 0.00	52.90 2.57 0.00	50.18 2.00 0.00	50.59 1.96 0.00	56.00 1.93 0.00	51.84 1.77 0.00	49.81 1.74 0.00	51.61 1.89 0.00	48.26 1.74 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	53.13 1.63 0.00	51.61 1.42 0.00	46.39 1.11 0.00	39.85 0.91 0.00	40.60 0.88 0.00	39.97 0.83 0.00	42.32 0.96 0.00	45.14 1.05 0.00	44.83 1.14 0.00	40.28 1.26 0.00	41.07 1.52 0.00	46.09 1.91 0.00	51.64 2.20 0.00	62.25 2.63 0.00	61.49 2.80 0.00	60.22 3.04 0.00	52.90 2.57 0.00	50.18 2.00 0.00	50.59 1.96 0.00	56.00 1.93 0.00	51.84 1.77 0.00	49.81 1.74 0.00	51.61 1.89 0.00	48.26 1.74 0.00
WHITEHAL_115KV_TB1 80871	55.20 3.70 0.00	53.93 3.74 0.00	48.39 3.10 0.00	41.47 2.53 0.00	42.26 2.54 0.00	41.63 2.49 0.00	43.81 2.45 0.00	46.65 2.56 0.00	46.00 2.33 0.00	41.08 2.06 0.00	41.24 1.69 0.00	46.09 1.91 0.00	51.80 2.36 0.00	62.02 2.41 0.00	60.74 2.05 0.00	59.59 2.41 0.00	52.05 1.72 0.00	50.37 2.19 0.00	51.53 2.90 0.00	57.19 3.11 0.00	53.07 3.00 0.00	50.64 2.57 0.00	52.65 2.92 0.00	49.60 3.09 0.00
WHITEPLN_13_KV_LOAD 356215	53.93 2.44 0.00	52.39 2.20 0.00	47.07 1.78 0.00	40.41 1.47 0.00	41.16 1.44 0.00	40.52 1.39 0.00	42.89 1.54 0.00	45.75 1.66 0.00	45.47 1.79 0.00	40.89 1.87 0.00	41.73 2.17 0.00	46.83 2.65 0.00	52.43 2.99 0.00	63.21 3.59 0.00	62.41 3.72 0.00	61.18 3.99 0.00	53.75 3.42 0.00	50.98 2.81 0.00	51.35 2.73 0.00	56.76 2.69 0.00	52.58 2.51 0.00	50.55 2.48 0.00	52.37 2.64 0.00	48.94 2.42 0.00
WM_FLOYD_69_KV_BK2 356380	53.50 2.00 0.00	52.36 2.17 0.00	47.25 1.96 0.00	40.47 1.53 0.00	41.20 1.48 0.00	40.78 1.64 0.00	43.21 1.86 0.00	45.63 1.54 0.00	45.51 1.83 0.00	41.01 1.99 0.00	42.09 2.53 0.00	47.69 3.20 -0.31	52.90 3.46 0.00	62.74 3.13 0.00	61.80 3.11 0.00	61.40 4.21 0.00	54.32 3.98 0.00	51.43 3.26 0.00	51.99 3.36 0.00	56.51 2.44 0.00	52.88 2.81 0.00	51.22 3.15 0.00	52.96 3.23 0.00	49.50 2.99 0.00
WOODARD__115KV_TB2 355635	50.78 -0.72 0.00	49.46 -0.73 0.00	44.69 -0.60 0.00	38.42 -0.52 0.00	39.18 -0.54 0.00	38.61 -0.53 0.00	40.72 -0.63 0.00	43.40 -0.69 0.00	42.93 -0.75 0.00	38.36 -0.65 0.00	38.93 -0.63 0.00	43.47 -0.72 0.00	48.53 -0.91 0.00	58.52 -1.10 0.00	57.60 -1.09 0.00	56.07 -1.11 0.00	49.38 -0.95 0.00	47.42 -0.76 0.00	47.98 -0.64 0.00	53.45 -0.62 0.00	49.38 -0.69 0.00	47.32 -0.73 0.01	48.88 -0.83 0.01	45.75 -0.78 0.00

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