

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/21/2026

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	61.29	55.31	46.44	41.12	43.09	47.40	52.75	54.58	57.59	41.28	38.64	36.35	38.05	35.52	34.57	40.92	47.69	39.36	40.25	60.41	58.06	53.37	36.80	32.64
24138	4.68	4.29	3.40	2.78	2.76	3.05	3.71	4.30	4.69	3.49	3.30	3.27	3.14	3.37	3.23	3.90	4.55	3.55	3.34	4.64	4.39	3.96	2.67	2.40
	-3.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.28	-0.45	-4.64	-0.04	-1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	61.25	55.28	46.43	41.13	43.10	47.40	52.71	54.50	57.46	41.17	38.52	36.24	37.92	35.40	34.45	40.77	47.52	39.24	40.14	60.29	57.97	53.29	36.78	32.63
24260	4.65	4.26	3.38	2.79	2.77	3.06	3.66	4.22	4.56	3.39	3.18	3.16	3.03	3.25	3.10	3.75	4.39	3.43	3.23	4.52	4.29	3.88	2.65	2.39
	-3.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.27	-0.45	-4.64	-0.04	-1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	61.25	55.28	46.43	41.13	43.10	47.40	52.71	54.50	57.46	41.17	38.52	36.24	37.92	35.40	34.45	40.77	47.52	39.24	40.14	60.29	57.97	53.29	36.78	32.63
24261	4.65	4.26	3.38	2.79	2.77	3.06	3.66	4.22	4.56	3.39	3.18	3.16	3.03	3.25	3.10	3.75	4.39	3.43	3.23	4.52	4.29	3.88	2.65	2.39
	-3.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.27	-0.45	-4.64	-0.04	-1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	57.33	54.51	45.83	40.83	43.00	47.21	52.15	53.56	56.01	39.96	34.75	34.21	31.77	33.61	31.68	39.21	45.79	38.01	39.12	59.33	57.52	53.00	36.56	32.28
24011	3.58	3.49	2.78	2.50	2.67	2.87	3.11	3.28	3.10	2.17	1.68	1.59	1.51	1.50	1.48	2.20	2.65	2.19	2.20	3.55	3.84	3.58	2.43	2.03
	-1.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	57.64	54.84	46.02	41.05	43.24	47.50	52.45	53.93	56.35	40.18	34.86	34.33	31.90	33.76	31.80	39.49	46.10	38.28	39.39	59.70	57.97	53.39	36.83	32.46
23798	3.89	3.82	2.97	2.71	2.91	3.15	3.41	3.65	3.45	2.39	1.80	1.70	1.64	1.65	1.61	2.47	2.97	2.47	2.47	3.93	4.29	3.98	2.69	2.21
	-1.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	57.33	54.51	45.83	40.83	43.00	47.21	52.15	53.56	56.01	39.96</														

ALBANY___2 23572	55.05 1.33 -1.08	52.32 1.30 0.00	44.15 1.10 0.00	39.32 0.99 0.00	41.33 1.00 0.00	45.29 0.94 0.00	50.00 0.96 0.00	51.25 0.98 0.00	53.57 0.67 0.00	38.54 0.76 0.00	33.75 0.68 0.00	33.29 0.66 0.00	30.84 0.58 0.00	32.66 0.55 0.00	30.84 0.64 0.00	37.83 0.80 0.00	43.99 0.85 0.00	36.53 0.71 0.00	37.54 0.62 0.00	56.43 0.66 0.00	54.49 0.81 0.00	50.20 0.79 0.00	34.81 0.67 0.00	30.83 0.58 0.00
ALBANY___3 23573	55.05 1.33 -1.08	52.32 1.30 0.00	44.15 1.10 0.00	39.32 0.99 0.00	41.33 1.00 0.00	45.29 0.94 0.00	50.00 0.96 0.00	51.25 0.98 0.00	53.57 0.67 0.00	38.54 0.76 0.00	33.75 0.68 0.00	33.29 0.66 0.00	30.84 0.58 0.00	32.66 0.55 0.00	30.84 0.64 0.00	37.83 0.80 0.00	43.99 0.85 0.00	36.53 0.71 0.00	37.54 0.62 0.00	56.43 0.66 0.00	54.49 0.81 0.00	50.20 0.79 0.00	34.81 0.67 0.00	30.83 0.58 0.00
ALBANY___4 23574	55.05 1.33 -1.08	52.32 1.30 0.00	44.15 1.10 0.00	39.32 0.99 0.00	41.33 1.00 0.00	45.29 0.94 0.00	50.00 0.96 0.00	51.25 0.98 0.00	53.57 0.67 0.00	38.54 0.76 0.00	33.75 0.68 0.00	33.29 0.66 0.00	30.84 0.58 0.00	32.66 0.55 0.00	30.84 0.64 0.00	37.83 0.80 0.00	43.99 0.85 0.00	36.53 0.71 0.00	37.54 0.62 0.00	56.43 0.66 0.00	54.49 0.81 0.00	50.20 0.79 0.00	34.81 0.67 0.00	30.83 0.58 0.00
ALBANY___LFGE 323615	55.47 1.74 -1.09	52.74 1.72 0.00	44.48 1.43 0.00	39.61 1.27 0.00	41.64 1.30 0.00	45.63 1.29 0.00	50.39 1.35 0.00	51.65 1.38 0.00	54.06 1.16 0.00	38.87 1.09 0.00	34.04 0.97 0.00	33.56 0.94 0.00	31.11 0.85 0.00	32.95 0.84 0.00	31.10 0.90 0.00	38.15 1.13 0.00	44.39 1.26 0.00	36.86 1.04 0.00	37.88 0.96 0.00	57.00 1.22 0.00	55.04 1.37 0.00	50.69 1.28 0.00	35.12 0.98 0.00	31.10 0.85 0.00
ALCOA_PA_115KV_PL-6C 55860	52.22 -0.42 0.00	50.52 -0.50 0.00	42.78 -0.27 0.00	38.19 -0.14 0.00	40.26 -0.08 0.00	44.31 -0.04 0.00	49.05 0.01 0.00	50.10 -0.18 0.00	52.45 -0.44 0.00	37.49 -0.29 0.00	32.87 -0.20 0.00	32.46 -0.17 0.00	30.04 -0.22 0.00	31.88 -0.23 0.00	29.92 -0.28 0.00	36.47 -0.55 0.00	42.66 -0.47 0.00	35.71 -0.10 0.00	36.93 0.02 0.00	55.69 -0.08 0.00	53.53 -0.15 0.00	49.21 -0.21 0.00	33.99 -0.15 0.00	30.05 -0.19 0.00
ALCOA_RYNLDS___DRP 24188	52.20 -0.43 0.00	50.52 -0.50 0.00	42.77 -0.28 0.00	38.19 -0.14 0.00	40.26 -0.08 0.00	44.31 -0.04 0.00	49.05 0.01 0.00	50.09 -0.18 0.00	52.48 -0.42 0.00	37.49 -0.29 0.00	32.87 -0.20 0.00	32.45 -0.17 0.00	30.04 -0.22 0.00	31.88 -0.23 0.00	29.92 -0.28 0.00	36.47 -0.55 0.00	42.66 -0.47 0.00	35.71 -0.10 0.00	36.93 0.02 0.00	55.69 -0.08 0.00	53.53 -0.15 0.00	49.21 -0.21 0.00	33.99 -0.15 0.00	30.05 -0.20 0.00
ALCOA___DSASP 323711	52.20 -0.43 0.00	50.52 -0.50 0.00	42.77 -0.28 0.00	38.19 -0.14 0.00	40.26 -0.08 0.00	44.31 -0.04 0.00	49.05 0.01 0.00	50.09 -0.18 0.00	52.48 -0.42 0.00	37.49 -0.29 0.00	32.87 -0.20 0.00	32.45 -0.17 0.00	30.04 -0.22 0.00	31.88 -0.23 0.00	29.92 -0.28 0.00	36.47 -0.55 0.00	42.66 -0.47 0.00	35.71 -0.10 0.00	36.93 0.02 0.00	55.69 -0.08 0.00	53.53 -0.15 0.00	49.21 -0.21 0.00	33.99 -0.15 0.00	30.05 -0.20 0.00
ALLEGHENY___COGEN 23514	31.57 -0.81 20.26	50.46 -0.56 0.00	42.55 -0.50 0.00	38.05 -0.28 0.00	40.12 -0.22 0.00	44.39 0.04 0.00	49.06 0.02 0.00	54.75 -0.56 -5.04	109.57 -2.37 -59.04	77.93 -2.76 -42.90	32.41 -2.66 -2.00	29.99 -2.64 -0.01	28.19 -2.57 -0.50	29.59 -2.52 0.00	27.70 -2.49 0.00	34.07 -2.86 0.08	38.82 -3.21 1.10	33.24 -2.55 0.03	34.77 -2.28 -0.14	99.32 -0.71 -44.26	105.70 0.38 -51.65	64.79 0.38 -14.99	38.74 0.06 -4.54	35.19 -0.03 -4.97
ALTAMONT_115KV_TB 2 55880	55.39 1.67 -1.08	52.65 1.63 0.00	44.39 1.34 0.00	39.51 1.17 0.00	41.53 1.20 0.00	45.58 1.23 0.00	50.35 1.31 0.00	51.61 1.34 0.00	54.17 1.27 0.00	38.80 1.01 0.00	33.98 0.91 0.00	33.52 0.90 0.00	31.11 0.85 0.00	32.96 0.85 0.00	31.07 0.88 0.00	38.13 1.11 0.00	44.42 1.29 0.00	36.85 1.03 0.00	37.90 0.98 0.00	57.14 1.37 0.00	55.16 1.49 0.00	50.81 1.39 0.00	35.13 0.99 0.00	31.11 0.86 0.00
ALTONA_WT_PWR 323606	51.95 -0.68 0.00	50.28 -0.74 0.00	42.55 -0.49 0.00	37.94 -0.39 0.00	39.95 -0.38 0.00	44.05 -0.29 0.00	48.90 -0.15 0.00	50.08 -0.20 0.00	52.51 -0.38 0.00	37.48 -0.30 0.00	32.80 -0.26 0.00	32.39 -0.24 0.00	29.98 -0.28 0.00	31.81 -0.30 0.00	29.86 -0.34 0.00	36.51 -0.51 0.00	42.65 -0.48 0.00	35.67 -0.15 0.00	36.86 -0.06 0.00	55.64 -0.13 0.00	53.55 -0.13 0.00	49.15 -0.26 0.00	33.87 -0.26 0.00	29.93 -0.32 0.00
AMERICAN_REF_FUEL 24010	31.90 -5.61 15.13	45.54 -5.48 0.00	38.38 -4.66 0.00	34.41 -3.93 0.00	36.14 -4.20 0.00	39.97 -4.37 0.00	43.88 -5.16 0.00	43.22 -5.47 1.59	28.53 -5.36 19.01	19.70 -4.29 13.80	28.20 -4.22 0.65	28.57 -4.05 0.00	26.25 -3.85 0.16	28.20 -3.91 0.00	26.35 -3.84 0.00	31.88 -4.42 0.71	29.07 -4.74 9.32	31.55 -3.98 0.29	32.54 -4.30 0.07	35.34 -6.19 14.23	31.44 -5.63 16.61	39.11 -5.48 4.82	28.92 -3.76 1.46	25.50 -3.15 1.60
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.71 -3.59 17.33	48.08 -2.94 0.00	40.49 -2.56 0.00	36.36 -1.98 0.00	38.28 -2.06 0.00	42.36 -1.99 0.00	46.79 -2.25 0.00	45.81 -2.50 1.98	26.54 -3.13 23.23	17.94 -2.97 16.87	29.46 -2.82 0.79	29.98 -2.64 0.00	27.52 -2.54 0.20	29.92 -2.19 0.00	27.77 -2.43 0.00	33.74 -2.69 0.59	32.38 -3.09 7.67	33.09 -2.49 0.24	34.13 -2.71 0.08	34.64 -3.80 17.34	30.03 -3.41 20.24	40.14 -3.40 5.88	30.12 -2.24 1.78	26.33 -1.97 1.95
ARTHUR KILL_GT_1 23520	61.11 4.51 -3.97	55.31 4.29 0.00	46.42 3.37 0.00	41.09 2.75 0.00	43.07 2.73 0.00	47.33 2.98 0.00	52.55 3.51 0.00	54.27 4.00 0.00	57.20 4.30 0.00	40.99 3.21 0.00	38.36 3.02 -2.27	36.08 3.00 -0.45	37.81 2.92 -4.64	35.35 3.20 -0.04	34.36 3.02 -1.15	40.69 3.67 0.00	47.52 4.38 0.00	39.18 3.37 0.00	40.06 3.15 0.00	60.18 4.41 0.00	57.76 4.09 0.00	53.36 3.95 0.00	36.84 2.70 0.00	32.70 2.45 0.00
ARTHUR_KILL_2 23512	60.97 4.37 -3.97	55.15 4.13 0.00	46.29 3.24 0.00	40.98 2.65 0.00	42.95 2.62 0.00	47.19 2.85 0.00	52.41 3.37 0.00	54.12 3.84 0.00	57.01 4.11 0.00	40.88 3.09 0.00	38.26 2.92 -2.27	35.98 2.90 -0.45	37.71 2.81 -4.64	35.25 3.10 -0.04	34.28 2.94 -1.15	40.59 3.57 0.00	47.39 4.26 0.00	39.08 3.27 0.00	39.96 3.05 0.00	59.98 4.21 0.00	57.58 3.91 0.00	53.21 3.79 0.00	36.75 2.61 0.00	32.62 2.37 0.00
ARTHUR_KILL_3 23513	60.75 4.15 -3.97	54.77 3.75 0.00	45.96 2.91 0.00	40.71 2.37 0.00	42.66 2.32 0.00	46.91 2.56 0.00	52.16 3.12 0.00	53.94 3.66 0.00	56.87 3.97 0.00	40.74 2.95 0.00	38.14 2.80 -2.27	35.86 2.78 -0.45	37.56 2.66 -4.64	35.02 2.87 -0.04	34.11 2.76 -1.15	40.38 3.36 0.00	47.07 3.94 0.00	38.85 3.04 0.00	39.75 2.84 0.00	59.75 3.98 0.00	57.46 3.78 0.00	52.85 3.43 0.00	36.50 2.37 0.00	32.38 2.13 0.00

ARTHUR_KILL_COGEN 323718	61.14 4.53 -3.97	55.30 4.28 0.00	46.42 3.37 0.00	41.09 2.75 0.00	43.07 2.73 0.00	47.33 2.98 0.00	52.55 3.51 0.00	54.26 3.99 0.00	57.16 4.26 0.00	40.98 3.20 0.00	38.35 3.01 -2.27	36.08 3.00 -0.45	37.80 2.90 -4.64	35.34 3.18 -0.04	34.36 3.02 -1.15	40.68 3.66 0.00	47.51 4.38 0.00	39.19 3.37 0.00	40.07 3.15 0.00	60.14 4.37 0.00	57.75 4.08 0.00	53.36 3.95 0.00	36.84 2.70 0.00	32.69 2.44 0.00
ASHOKAN____ 23654	59.16 2.94 -3.58	53.77 2.75 0.00	45.20 2.15 0.00	40.14 1.81 0.00	42.14 1.81 0.00	46.30 1.95 0.00	51.31 2.27 0.00	52.78 2.50 0.00	55.53 2.63 0.00	39.75 1.97 0.00	34.90 1.83 0.00	34.23 1.60 0.00	31.99 1.73 0.00	33.84 1.73 0.00	31.65 1.45 0.00	39.07 2.05 0.00	45.74 2.61 0.00	38.00 2.19 0.00	38.99 2.08 0.00	58.74 2.97 0.00	56.71 3.03 0.00	52.14 2.72 0.00	35.98 1.85 0.00	31.80 1.56 0.00
ASTORIA_EAST_ENERGY_CC1 323581	60.56 3.96 -3.97	54.63 3.61 0.00	45.93 2.89 0.00	40.67 2.33 0.00	42.62 2.29 0.00	46.89 2.54 0.00	52.11 3.07 0.00	53.86 3.58 0.00	56.70 3.81 0.00	40.72 2.93 0.00	38.15 2.81 -2.27	35.91 2.84 -0.45	37.56 2.66 -4.64	35.06 2.92 -0.04	34.09 2.74 -1.15	40.29 3.27 0.00	46.99 3.86 0.00	38.77 2.95 0.00	39.64 2.72 0.00	59.60 3.83 0.00	57.31 3.63 0.00	52.72 3.31 0.00	36.43 2.30 0.00	32.35 2.10 0.00
ASTORIA_EAST_ENERGY_CC2 323582	60.56 3.96 -3.97	54.63 3.61 0.00	45.93 2.89 0.00	40.67 2.33 0.00	42.62 2.29 0.00	46.89 2.54 0.00	52.11 3.07 0.00	53.86 3.58 0.00	56.70 3.81 0.00	40.72 2.93 0.00	38.15 2.81 -2.27	35.91 2.84 -0.45	37.56 2.66 -4.64	35.06 2.92 -0.04	34.09 2.74 -1.15	40.29 3.27 0.00	46.99 3.86 0.00	38.77 2.95 0.00	39.64 2.72 0.00	59.60 3.83 0.00	57.31 3.63 0.00	52.72 3.31 0.00	36.43 2.30 0.00	32.35 2.10 0.00
ASTORIA_GT2_1 24094	60.57 3.97 -3.97	54.66 3.64 0.00	45.95 2.90 0.00	40.70 2.36 0.00	42.64 2.31 0.00	46.90 2.56 0.00	52.13 3.09 0.00	53.89 3.62 0.00	56.76 3.86 0.00	40.74 2.96 0.00	38.18 2.84 -2.27	35.93 2.85 -0.45	37.59 2.70 -4.64	35.10 2.95 -0.04	34.10 2.75 -1.15	40.31 3.29 0.00	47.02 3.89 0.00	38.79 2.97 0.00	39.67 2.75 0.00	59.65 3.88 0.00	57.35 3.67 0.00	52.75 3.34 0.00	36.44 2.31 0.00	32.36 2.12 0.00
ASTORIA_GT2_2 24095	60.57 3.97 -3.97	54.66 3.64 0.00	45.95 2.90 0.00	40.70 2.36 0.00	42.64 2.31 0.00	46.90 2.56 0.00	52.13 3.09 0.00	53.89 3.62 0.00	56.76 3.86 0.00	40.74 2.96 0.00	38.18 2.84 -2.27	35.93 2.85 -0.45	37.59 2.70 -4.64	35.10 2.95 -0.04	34.10 2.75 -1.15	40.31 3.29 0.00	47.02 3.89 0.00	38.79 2.97 0.00	39.67 2.75 0.00	59.65 3.88 0.00	57.35 3.67 0.00	52.75 3.34 0.00	36.44 2.31 0.00	32.36 2.12 0.00
ASTORIA_GT2_3 24096	60.57 3.97 -3.97	54.66 3.64 0.00	45.95 2.90 0.00	40.70 2.36 0.00	42.64 2.31 0.00	46.90 2.56 0.00	52.13 3.09 0.00	53.89 3.62 0.00	56.76 3.86 0.00	40.74 2.96 0.00	38.18 2.84 -2.27	35.93 2.85 -0.45	37.59 2.70 -4.64	35.10 2.95 -0.04	34.10 2.75 -1.15	40.31 3.29 0.00	47.02 3.89 0.00	38.79 2.97 0.00	39.67 2.75 0.00	59.65 3.88 0.00	57.35 3.67 0.00	52.75 3.34 0.00	36.44 2.31 0.00	32.36 2.12 0.00
ASTORIA_GT2_4 24097	60.57 3.97 -3.97	54.66 3.64 0.00	45.95 2.90 0.00	40.70 2.36 0.00	42.64 2.31 0.00	46.90 2.56 0.00	52.13 3.09 0.00	53.89 3.62 0.00	56.76 3.86 0.00	40.74 2.96 0.00	38.18 2.84 -2.27	35.93 2.85 -0.45	37.59 2.70 -4.64	35.10 2.95 -0.04	34.10 2.75 -1.15	40.31 3.29 0.00	47.02 3.89 0.00	38.79 2.97 0.00	39.67 2.75 0.00	59.65 3.88 0.00	57.35 3.67 0.00	52.75 3.34 0.00	36.44 2.31 0.00	32.36 2.12 0.00
ASTORIA_GT3_1 24098	60.57 3.97 -3.97	54.66 3.64 0.00	45.95 2.90 0.00	40.70 2.36 0.00	42.64 2.31 0.00	46.90 2.56 0.00	52.13 3.09 0.00	53.89 3.62 0.00	56.76 3.86 0.00	40.74 2.96 0.00	38.18 2.84 -2.27	35.93 2.85 -0.45	37.59 2.70 -4.64	35.10 2.95 -0.04	34.10 2.75 -1.15	40.31 3.29 0.00	47.02 3.89 0.00	38.79 2.97 0.00	39.67 2.75 0.00	59.65 3.88 0.00	57.35 3.67 0.00	52.75 3.34 0.00	36.44 2.31 0.00	32.36 2.12 0.00
ASTORIA_GT3_2 24099	60.57 3.97 -3.97	54.66 3.64 0.00	45.95 2.90 0.00	40.70 2.36 0.00	42.64 2.31 0.00	46.90 2.56 0.00	52.13 3.09 0.00	53.89 3.62 0.00	56.76 3.86 0.00	40.74 2.96 0.00	38.18 2.84 -2.27	35.93 2.85 -0.45	37.59 2.70 -4.64	35.10 2.95 -0.04	34.10 2.75 -1.15	40.31 3.29 0.00	47.02 3.89 0.00	38.79 2.97 0.00	39.67 2.75 0.00	59.65 3.88 0.00	57.35 3.67 0.00	52.75 3.34 0.00	36.44 2.31 0.00	32.36 2.12 0.00
ASTORIA_GT3_3 24100	60.57 3.97 -3.97	54.66 3.64 0.00	45.95 2.90 0.00	40.70 2.36 0.00	42.64 2.31 0.00	46.90 2.56 0.00	52.13 3.09 0.00	53.89 3.62 0.00	56.76 3.86 0.00	40.74 2.96 0.00	38.18 2.84 -2.27	35.93 2.85 -0.45	37.59 2.70 -4.64	35.10 2.95 -0.04	34.10 2.75 -1.15	40.31 3.29 0.00	47.02 3.89 0.00	38.79 2.97 0.00	39.67 2.75 0.00	59.65 3.88 0.00	57.35 3.67 0.00	52.75 3.34 0.00	36.44 2.31 0.00	32.36 2.12 0.00
ASTORIA_GT3_4 24101	60.57 3.97 -3.97	54.66 3.64 0.00	45.95 2.90 0.00	40.70 2.36 0.00	42.64 2.31 0.00	46.90 2.56 0.00	52.13 3.09 0.00	53.89 3.62 0.00	56.76 3.86 0.00	40.74 2.96 0.00	38.18 2.84 -2.27	35.93 2.85 -0.45	37.59 2.70 -4.64	35.10 2.95 -0.04	34.10 2.75 -1.15	40.31 3.29 0.00	47.02 3.89 0.00	38.79 2.97 0.00	39.67 2.75 0.00	59.65 3.88 0.00	57.35 3.67 0.00	52.75 3.34 0.00	36.44 2.31 0.00	32.36 2.12 0.00
ASTORIA_GT4_1 24102	60.57 3.97 -3.97	54.66 3.64 0.00	45.95 2.90 0.00	40.70 2.36 0.00	42.64 2.31 0.00	46.90 2.56 0.00	52.13 3.09 0.00	53.89 3.62 0.00	56.76 3.86 0.00	40.74 2.96 0.00	38.18 2.84 -2.27	35.93 2.85 -0.45	37.59 2.70 -4.64	35.10 2.95 -0.04	34.10 2.75 -1.15	40.31 3.29 0.00	47.02 3.89 0.00	38.79 2.97 0.00	39.67 2.75 0.00	59.65 3.88 0.00	57.35 3.67 0.00	52.75 3.34 0.00	36.44 2.31 0.00	32.36 2.12 0.00
ASTORIA_GT4_2 24103	60.57 3.97 -3.97	54.66 3.64 0.00	45.95 2.90 0.00	40.70 2.36 0.00	42.64 2.31 0.00	46.90 2.56 0.00	52.13 3.09 0.00	53.89 3.62 0.00	56.76 3.86 0.00	40.74 2.96 0.00	38.18 2.84 -2.27	35.93 2.85 -0.45	37.59 2.70 -4.64	35.10 2.95 -0.04	34.10 2.75 -1.15	40.31 3.29 0.00	47.02 3.89 0.00	38.79 2.97 0.00	39.67 2.75 0.00	59.65 3.88 0.00	57.35 3.67 0.00	52.75 3.34 0.00	36.44 2.31 0.00	32.36 2.12 0.00
ASTORIA_GT4_3 24104	60.57 3.97 -3.97	54.66 3.64 0.00	45.95 2.90 0.00	40.70 2.36 0.00	42.64 2.31 0.00	46.90 2.56 0.00	52.13 3.09 0.00	53.89 3.62 0.00	56.76 3.86 0.00	40.74 2.96 0.00	38.18 2.84 -2.27	35.93 2.85 -0.45	37.59 2.70 -4.64	35.10 2.95 -0.04	34.10 2.75 -1.15	40.31 3.29 0.00	47.02 3.89 0.00	38.79 2.97 0.00	39.67 2.75 0.00	59.65 3.88 0.00	57.35 3.67 0.00	52.75 3.34 0.00	36.44 2.31 0.00	32.36 2.12 0.00

ASTORIA_GT4_4 24105	60.57 3.97 -3.97	54.66 3.64 0.00	45.95 2.90 0.00	40.70 2.36 0.00	42.64 2.31 0.00	46.90 2.56 0.00	52.13 3.09 0.00	53.89 3.62 0.00	56.76 3.86 0.00	40.74 2.96 0.00	38.18 2.84 -2.27	35.93 2.85 -0.45	37.59 2.70 -4.64	35.10 2.95 -0.04	34.10 2.75 -1.15	40.31 3.29 0.00	47.02 3.89 0.00	38.79 2.97 0.00	39.67 2.75 0.00	59.65 3.88 0.00	57.35 3.67 0.00	52.75 3.34 0.00	36.44 2.31 0.00	32.36 2.12 0.00
ASTORIA_GT_1 23523	60.70 4.09 -3.97	54.77 3.75 0.00	46.05 3.00 0.00	40.77 2.43 0.00	42.73 2.39 0.00	46.99 2.65 0.00	52.24 3.20 0.00	54.00 3.73 0.00	56.88 3.98 0.00	40.83 3.05 0.00	38.26 2.92 -2.27	36.00 2.92 -0.45	37.66 2.77 -4.64	35.17 3.02 -0.04	34.16 2.82 -1.15	40.39 3.37 0.00	47.11 3.99 0.00	38.87 3.06 0.00	39.74 2.83 0.00	59.77 4.00 0.00	57.47 3.79 0.00	52.86 3.44 0.00	36.51 2.37 0.00	32.42 2.17 0.00
ASTORIA_GT_10 24110	60.81 4.21 -3.97	54.91 3.89 0.00	46.13 3.08 0.00	40.84 2.51 0.00	42.82 2.48 0.00	47.07 2.72 0.00	52.36 3.31 0.00	54.15 3.88 0.00	57.09 4.19 0.00	40.93 3.15 0.00	38.31 2.97 -2.27	36.05 2.97 -0.45	37.74 2.84 -4.64	35.24 3.08 -0.04	34.28 2.93 -1.15	40.54 3.52 0.00	47.26 4.13 0.00	39.00 3.19 0.00	39.90 2.98 0.00	59.91 4.14 0.00	57.57 3.90 0.00	52.98 3.57 0.00	36.59 2.46 0.00	32.50 2.25 0.00
ASTORIA_GT_11 24225	60.81 4.21 -3.97	54.91 3.89 0.00	46.13 3.08 0.00	40.84 2.51 0.00	42.82 2.48 0.00	47.07 2.72 0.00	52.36 3.31 0.00	54.15 3.88 0.00	57.09 4.19 0.00	40.93 3.15 0.00	38.31 2.97 -2.27	36.05 2.97 -0.45	37.74 2.84 -4.64	35.24 3.08 -0.04	34.28 2.93 -1.15	40.54 3.52 0.00	47.26 4.13 0.00	39.00 3.19 0.00	39.90 2.98 0.00	59.91 4.14 0.00	57.57 3.90 0.00	52.98 3.57 0.00	36.59 2.46 0.00	32.50 2.25 0.00
ASTORIA_GT_12 24226	60.81 4.21 -3.97	54.91 3.89 0.00	46.13 3.08 0.00	40.84 2.51 0.00	42.82 2.48 0.00	47.07 2.72 0.00	52.36 3.31 0.00	54.15 3.88 0.00	57.09 4.19 0.00	40.93 3.15 0.00	38.31 2.97 -2.27	36.05 2.97 -0.45	37.74 2.84 -4.64	35.24 3.08 -0.04	34.28 2.93 -1.15	40.54 3.52 0.00	47.26 4.13 0.00	39.00 3.19 0.00	39.90 2.98 0.00	59.91 4.14 0.00	57.57 3.90 0.00	52.98 3.57 0.00	36.59 2.46 0.00	32.50 2.25 0.00
ASTORIA_GT_13 24227	60.81 4.21 -3.97	54.91 3.89 0.00	46.13 3.08 0.00	40.84 2.51 0.00	42.82 2.48 0.00	47.07 2.72 0.00	52.36 3.31 0.00	54.15 3.88 0.00	57.09 4.19 0.00	40.93 3.15 0.00	38.31 2.97 -2.27	36.05 2.97 -0.45	37.74 2.84 -4.64	35.24 3.08 -0.04	34.28 2.93 -1.15	40.54 3.52 0.00	47.26 4.13 0.00	39.00 3.19 0.00	39.90 2.98 0.00	59.91 4.14 0.00	57.57 3.90 0.00	52.98 3.57 0.00	36.59 2.46 0.00	32.50 2.25 0.00
ASTORIA_GT_5 24106	60.70 4.09 -3.97	54.77 3.75 0.00	46.05 3.00 0.00	40.77 2.43 0.00	42.73 2.39 0.00	46.99 2.65 0.00	52.24 3.20 0.00	54.00 3.73 0.00	56.88 3.98 0.00	40.83 3.05 0.00	38.26 2.92 -2.27	36.00 2.92 -0.45	37.66 2.77 -4.64	35.17 3.02 -0.04	34.16 2.82 -1.15	40.39 3.37 0.00	47.11 3.99 0.00	38.87 3.06 0.00	39.74 2.83 0.00	59.77 4.00 0.00	57.47 3.79 0.00	52.86 3.44 0.00	36.51 2.37 0.00	32.42 2.17 0.00
ASTORIA_GT_7 24107	60.70 4.09 -3.97	54.77 3.75 0.00	46.05 3.00 0.00	40.77 2.43 0.00	42.73 2.39 0.00	46.99 2.65 0.00	52.24 3.20 0.00	54.00 3.73 0.00	56.88 3.98 0.00	40.83 3.05 0.00	38.26 2.92 -2.27	36.00 2.92 -0.45	37.66 2.77 -4.64	35.17 3.02 -0.04	34.16 2.82 -1.15	40.39 3.37 0.00	47.11 3.99 0.00	38.87 3.06 0.00	39.74 2.83 0.00	59.77 4.00 0.00	57.47 3.79 0.00	52.86 3.44 0.00	36.51 2.37 0.00	32.42 2.17 0.00
ASTORIA_GT_8 24108	60.70 4.09 -3.97	54.77 3.75 0.00	46.05 3.00 0.00	40.77 2.43 0.00	42.73 2.39 0.00	46.99 2.65 0.00	52.24 3.20 0.00	54.00 3.73 0.00	56.88 3.98 0.00	40.83 3.05 0.00	38.26 2.92 -2.27	36.00 2.92 -0.45	37.66 2.77 -4.64	35.17 3.02 -0.04	34.16 2.82 -1.15	40.39 3.37 0.00	47.11 3.99 0.00	38.87 3.06 0.00	39.74 2.83 0.00	59.77 4.00 0.00	57.47 3.79 0.00	52.86 3.44 0.00	36.51 2.37 0.00	32.42 2.17 0.00
ASTORIA___2 24149	60.58 3.98 -3.97	54.65 3.63 0.00	45.95 2.90 0.00	40.70 2.36 0.00	42.64 2.31 0.00	46.90 2.56 0.00	52.13 3.09 0.00	53.89 3.61 0.00	56.73 3.83 0.00	40.73 2.94 0.00	38.18 2.84 -2.27	35.93 2.85 -0.45	37.57 2.68 -4.64	35.09 2.94 -0.04	34.10 2.75 -1.15	40.31 3.29 0.00	47.02 3.88 0.00	38.79 2.97 0.00	39.67 2.75 0.00	59.62 3.85 0.00	57.35 3.67 0.00	52.75 3.33 0.00	36.45 2.31 0.00	32.36 2.11 0.00
ASTORIA___3 23516	60.82 4.22 -3.97	54.91 3.89 0.00	46.13 3.08 0.00	40.85 2.51 0.00	42.82 2.48 0.00	47.07 2.73 0.00	52.36 3.31 0.00	54.15 3.87 0.00	57.06 4.16 0.00	40.92 3.13 0.00	38.30 2.96 -2.27	36.04 2.96 -0.45	37.73 2.83 -4.64	35.23 3.08 -0.04	34.28 2.93 -1.15	40.53 3.51 0.00	47.27 4.14 0.00	39.01 3.20 0.00	39.89 2.98 0.00	59.90 4.13 0.00	57.57 3.89 0.00	52.98 3.56 0.00	36.60 2.47 0.00	32.50 2.25 0.00
ASTORIA___4 23517	60.81 4.21 -3.97	54.91 3.89 0.00	46.13 3.08 0.00	40.84 2.51 0.00	42.82 2.48 0.00	47.07 2.72 0.00	52.36 3.31 0.00	54.15 3.88 0.00	57.09 4.19 0.00	40.93 3.15 0.00	38.31 2.97 -2.27	36.05 2.97 -0.45	37.74 2.84 -4.64	35.24 3.08 -0.04	34.28 2.93 -1.15	40.54 3.52 0.00	47.26 4.13 0.00	39.00 3.19 0.00	39.90 2.98 0.00	59.91 4.14 0.00	57.57 3.90 0.00	52.98 3.57 0.00	36.59 2.46 0.00	32.50 2.25 0.00
ASTORIA___5 23518	60.82 4.22 -3.97	54.91 3.89 0.00	46.13 3.08 0.00	40.85 2.51 0.00	42.82 2.48 0.00	47.07 2.73 0.00	52.36 3.31 0.00	54.14 3.87 0.00	57.06 4.16 0.00	40.92 3.13 0.00	38.30 2.96 -2.27	36.04 2.96 -0.45	37.73 2.83 -4.64	35.23 3.08 -0.04	34.28 2.93 -1.15	40.53 3.51 0.00	47.26 4.13 0.00	39.01 3.20 0.00	39.89 2.98 0.00	59.90 4.13 0.00	57.57 3.89 0.00	52.98 3.56 0.00	36.60 2.46 0.00	32.50 2.25 0.00
AST_ENERGY_2_CC3 323677	60.90 4.29 -3.97	54.95 3.93 0.00	46.15 3.10 0.00	40.88 2.54 0.00	42.84 2.50 0.00	47.10 2.75 0.00	52.35 3.31 0.00	54.13 3.85 0.00	57.06 4.16 0.00	40.89 3.11 0.00	38.28 2.94 -2.27	36.01 2.93 -0.45	37.69 2.80 -4.64	35.16 3.01 -0.04	34.23 2.89 -1.15	40.51 3.49 0.00	47.22 4.09 0.00	38.98 3.17 0.00	39.89 2.97 0.00	59.90 4.13 0.00	57.61 3.93 0.00	52.98 3.57 0.00	36.58 2.45 0.00	32.46 2.21 0.00
AST_ENERGY_2_CC4 323678	60.90 4.29 -3.97	54.95 3.93 0.00	46.15 3.10 0.00	40.88 2.54 0.00	42.84 2.50 0.00	47.10 2.75 0.00	52.35 3.31 0.00	54.13 3.85 0.00	57.06 4.16 0.00	40.89 3.11 0.00	38.28 2.94 -2.27	36.01 2.93 -0.45	37.69 2.80 -4.64	35.16 3.01 -0.04	34.23 2.89 -1.15	40.51 3.49 0.00	47.22 4.09 0.00	38.98 3.17 0.00	39.89 2.97 0.00	59.90 4.13 0.00	57.61 3.93 0.00	52.98 3.57 0.00	36.58 2.45 0.00	32.46 2.21 0.00

ATHENS_STG_1 23668	58.71 2.44 -3.63	53.35 2.33 0.00	44.95 1.90 0.00	39.93 1.59 0.00	41.95 1.62 0.00	46.06 1.72 0.00	50.93 1.89 0.00	52.37 2.09 0.00	55.11 2.21 0.00	39.45 1.67 0.00	34.62 1.55 0.00	34.17 1.54 0.00	31.74 1.48 0.00	33.67 1.56 0.00	31.70 1.50 0.00	38.87 1.85 0.00	45.32 2.19 0.00	37.54 1.72 0.00	38.55 1.63 0.00	58.02 2.25 0.00	55.93 2.25 0.00	51.50 2.08 0.00	35.58 1.44 0.00	31.51 1.26 0.00
ATHENS_STG_2 23670	58.71 2.44 -3.63	53.35 2.33 0.00	44.95 1.90 0.00	39.93 1.59 0.00	41.95 1.62 0.00	46.06 1.72 0.00	50.93 1.89 0.00	52.37 2.09 0.00	55.11 2.21 0.00	39.45 1.67 0.00	34.62 1.55 0.00	34.17 1.54 0.00	31.74 1.48 0.00	33.67 1.56 0.00	31.70 1.50 0.00	38.87 1.85 0.00	45.32 2.19 0.00	37.54 1.72 0.00	38.55 1.63 0.00	58.02 2.25 0.00	55.93 2.25 0.00	51.50 2.08 0.00	35.58 1.44 0.00	31.51 1.26 0.00
ATHENS_STG_3 23677	58.71 2.44 -3.63	53.35 2.33 0.00	44.95 1.90 0.00	39.93 1.59 0.00	41.95 1.62 0.00	46.06 1.72 0.00	50.93 1.89 0.00	52.37 2.09 0.00	55.11 2.21 0.00	39.45 1.67 0.00	34.62 1.55 0.00	34.17 1.54 0.00	31.74 1.48 0.00	33.67 1.56 0.00	31.70 1.50 0.00	38.87 1.85 0.00	45.32 2.19 0.00	37.54 1.72 0.00	38.55 1.63 0.00	58.02 2.25 0.00	55.93 2.25 0.00	51.50 2.08 0.00	35.58 1.44 0.00	31.51 1.26 0.00
AUBURN___LFGE 323710	45.65 -0.53 6.45	50.66 -0.36 0.00	42.71 -0.34 0.00	38.08 -0.26 0.00	40.09 -0.24 0.00	44.18 -0.17 0.00	48.88 -0.16 0.00	50.23 -0.24 -0.20	54.81 -0.43 -2.34	39.10 -0.39 -1.71	32.60 -0.55 -0.08	32.13 -0.50 0.00	29.75 -0.53 -0.02	31.62 -0.49 0.00	29.65 -0.54 0.00	36.45 -0.57 0.00	42.49 -0.64 0.00	35.28 -0.54 0.00	36.58 -0.34 -0.01	57.19 -0.34 -1.76	55.57 -0.15 -2.05	50.02 0.01 -0.59	34.31 -0.01 -0.18	30.38 -0.07 -0.20
BABYLON_RES_REC 323704	61.28 4.68 -3.97	55.86 4.84 0.00	46.97 3.93 0.00	41.54 3.20 0.00	43.48 3.15 0.00	47.87 3.52 0.00	53.12 4.08 0.00	54.76 4.49 0.00	57.70 4.80 0.00	41.45 3.66 0.00	39.80 3.55 -3.18	98.98 3.64 -62.71	45.32 3.42 -11.64	53.33 3.69 -17.53	80.40 3.52 -46.68	54.01 4.31 -12.68	50.64 5.09 -2.41	39.60 3.79 0.00	40.64 3.72 0.00	60.92 5.15 0.00	73.62 4.77 -15.18	53.84 4.42 0.00	36.97 2.83 0.00	32.96 2.72 0.00
BALL_HILL_WT_PWR 323825	31.51 -4.03 17.10	47.56 -3.46 0.00	40.11 -2.94 0.00	35.93 -2.40 0.00	37.84 -2.49 0.00	41.79 -2.56 0.00	46.06 -2.98 0.00	44.96 -3.21 2.11	24.37 -3.69 24.84	16.54 -3.21 18.04	29.21 -3.01 0.84	29.83 -2.80 0.00	27.39 -2.66 0.21	29.68 -2.43 0.00	27.58 -2.61 0.00	33.51 -2.91 0.60	32.08 -3.28 7.77	32.88 -2.69 0.24	33.96 -2.87 0.08	33.18 -4.05 18.55	28.36 -3.67 21.65	39.61 -3.52 6.29	29.78 -2.45 1.90	26.06 -2.10 2.08
BARON_WINDS___WT_PWR 323822	21.62 -3.11 27.90	48.55 -2.47 0.00	41.04 -2.01 0.00	36.71 -1.63 0.00	38.75 -1.59 0.00	42.64 -1.71 0.00	47.15 -1.90 0.00	40.23 -2.24 7.80	-41.34 -2.82 91.43	-31.07 -2.42 66.43	27.67 -2.30 3.10	30.41 -2.21 0.01	27.40 -2.08 0.78	30.23 -1.88 0.00	28.23 -1.97 0.00	34.52 -2.21 0.29	36.83 -2.49 3.81	33.62 -2.08 0.12	34.73 -1.96 0.23	-14.70 -1.99 68.48	-27.98 -1.74 79.93	24.49 -1.72 23.20	25.73 -1.38 7.03	21.34 -1.21 7.69
BARRETT_IC_1 23704	60.88 4.28 -3.97	55.29 4.27 0.00	46.45 3.41 0.00	41.11 2.77 0.00	43.05 2.72 0.00	47.36 3.01 0.00	52.57 3.52 0.00	54.17 3.90 0.00	57.06 4.16 0.00	40.96 3.18 0.00	39.39 3.15 -3.18	98.51 3.17 -62.71	44.90 3.01 -11.64	52.86 3.22 -17.53	79.95 3.08 -46.68	53.45 3.75 -12.68	49.97 4.43 -2.41	39.12 3.30 0.00	40.14 3.23 0.00	60.20 4.43 0.00	57.79 4.12 0.00	53.22 3.80 0.00	36.55 2.42 0.00	32.55 2.31 0.00
BARRETT_IC_10 23701	60.88 4.28 -3.97	55.29 4.27 0.00	46.45 3.41 0.00	41.11 2.77 0.00	43.05 2.72 0.00	47.36 3.01 0.00	52.57 3.52 0.00	54.17 3.90 0.00	57.06 4.16 0.00	40.96 3.18 0.00	39.39 3.15 -3.18	98.51 3.17 -62.71	44.90 3.01 -11.64	52.86 3.22 -17.53	79.95 3.08 -46.68	53.45 3.75 -12.68	49.97 4.43 -2.41	39.12 3.30 0.00	40.14 3.23 0.00	60.20 4.43 0.00	57.79 4.12 0.00	53.22 3.80 0.00	36.55 2.42 0.00	32.55 2.31 0.00
BARRETT_IC_11 23702	60.88 4.28 -3.97	55.29 4.27 0.00	46.45 3.41 0.00	41.11 2.77 0.00	43.05 2.72 0.00	47.36 3.01 0.00	52.57 3.52 0.00	54.17 3.90 0.00	57.06 4.16 0.00	40.96 3.18 0.00	39.39 3.15 -3.18	98.51 3.17 -62.71	44.90 3.01 -11.64	52.86 3.22 -17.53	79.95 3.08 -46.68	53.45 3.75 -12.68	49.97 4.43 -2.41	39.12 3.30 0.00	40.14 3.23 0.00	60.20 4.43 0.00	57.79 4.12 0.00	53.22 3.80 0.00	36.55 2.42 0.00	32.55 2.31 0.00
BARRETT_IC_12 23703	60.88 4.28 -3.97	55.29 4.27 0.00	46.45 3.41 0.00	41.11 2.77 0.00	43.05 2.72 0.00	47.36 3.01 0.00	52.57 3.52 0.00	54.17 3.90 0.00	57.06 4.16 0.00	40.96 3.18 0.00	39.39 3.15 -3.18	98.51 3.17 -62.71	44.90 3.01 -11.64	52.86 3.22 -17.53	79.95 3.08 -46.68	53.45 3.75 -12.68	49.97 4.43 -2.41	39.12 3.30 0.00	40.14 3.23 0.00	60.20 4.43 0.00	57.79 4.12 0.00	53.22 3.80 0.00	36.55 2.42 0.00	32.55 2.31 0.00
BARRETT_IC_2 23705	60.88 4.28 -3.97	55.29 4.27 0.00	46.45 3.41 0.00	41.11 2.77 0.00	43.05 2.72 0.00	47.36 3.01 0.00	52.57 3.52 0.00	54.17 3.90 0.00	57.06 4.16 0.00	40.96 3.18 0.00	39.39 3.15 -3.18	98.51 3.17 -62.71	44.90 3.01 -11.64	52.86 3.22 -17.53	79.95 3.08 -46.68	53.45 3.75 -12.68	49.97 4.43 -2.41	39.12 3.30 0.00	40.14 3.23 0.00	60.20 4.43 0.00	57.79 4.12 0.00	53.22 3.80 0.00	36.55 2.42 0.00	32.55 2.31 0.00
BARRETT_IC_3 23706	60.88 4.28 -3.97	55.29 4.27 0.00	46.45 3.41 0.00	41.11 2.77 0.00	43.05 2.72 0.00	47.36 3.01 0.00	52.57 3.52 0.00	54.17 3.90 0.00	57.06 4.16 0.00	40.96 3.18 0.00	39.39 3.15 -3.18	98.51 3.17 -62.71	44.90 3.01 -11.64	52.86 3.22 -17.53	79.95 3.08 -46.68	53.45 3.75 -12.68	49.97 4.43 -2.41	39.12 3.30 0.00	40.14 3.23 0.00	60.20 4.43 0.00	57.79 4.12 0.00	53.22 3.80 0.00	36.55 2.42 0.00	32.55 2.31 0.00
BARRETT_IC_4 23707	60.88 4.28 -3.97	55.29 4.27 0.00	46.45 3.41 0.00	41.11 2.77 0.00	43.05 2.72 0.00	47.36 3.01 0.00	52.57 3.52 0.00	54.17 3.90 0.00	57.06 4.16 0.00	40.96 3.18 0.00	39.39 3.15 -3.18	98.51 3.17 -62.71	44.90 3.01 -11.64	52.86 3.22 -17.53	79.95 3.08 -46.68	53.45 3.75 -12.68	49.97 4.43 -2.41	39.12 3.30 0.00	40.14 3.23 0.00	60.20 4.43 0.00	57.79 4.12 0.00	53.22 3.80 0.00	36.55 2.42 0.00	32.55 2.31 0.00
BARRETT_IC_5 23708	60.88 4.28 -3.97	55.29 4.27 0.00	46.45 3.41 0.00	41.11 2.77 0.00	43.05 2.72 0.00	47.36 3.01 0.00	52.57 3.52 0.00	54.17 3.90 0.00	57.06 4.16 0.00	40.96 3.18 0.00	39.39 3.15 -3.18	98.51 3.17 -62.71	44.90 3.01 -11.64	52.86 3.22 -17.53	79.95 3.08 -46.68	53.45 3.75 -12.68	49.97 4.43 -2.41	39.12 3.30 0.00	40.14 3.23 0.00	60.20 4.43 0.00	57.79 4.12 0.00	53.22 3.80 0.00	36.55 2.42 0.00	32.55 2.31 0.00

BARRETT_IC_6 23709	60.88 4.28 -3.97	55.29 4.27 0.00	46.45 3.41 0.00	41.11 2.77 0.00	43.05 2.72 0.00	47.36 3.01 0.00	52.57 3.52 0.00	54.17 3.90 0.00	57.06 4.16 0.00	40.96 3.18 0.00	39.39 3.15 -3.18	98.51 3.17 -62.71	44.90 3.01 -11.64	52.86 3.22 -17.53	79.95 3.08 -46.68	53.45 3.75 -12.68	49.97 4.43 -2.41	39.12 3.30 0.00	40.14 3.23 0.00	60.20 4.43 0.00	57.79 4.12 0.00	53.22 3.80 0.00	36.55 2.42 0.00	32.55 2.31 0.00
BARRETT_IC_7 23710	60.88 4.28 -3.97	55.29 4.27 0.00	46.45 3.41 0.00	41.11 2.77 0.00	43.05 2.72 0.00	47.36 3.01 0.00	52.57 3.53 0.00	54.18 3.90 0.00	57.11 4.21 0.00	40.97 3.18 0.00	39.40 3.15 -3.18	98.51 3.17 -62.71	44.91 3.01 -11.64	52.87 3.23 -17.53	79.96 3.08 -46.68	53.46 3.76 -12.68	49.98 4.44 -2.41	39.12 3.31 0.00	40.14 3.23 0.00	60.23 4.45 0.00	57.80 4.12 0.00	53.22 3.80 0.00	36.55 2.41 0.00	32.55 2.30 0.00
BARRETT_IC_8 23711	60.88 4.28 -3.97	55.29 4.27 0.00	46.45 3.41 0.00	41.11 2.77 0.00	43.05 2.72 0.00	47.36 3.01 0.00	52.57 3.52 0.00	54.17 3.90 0.00	57.06 4.16 0.00	40.96 3.18 0.00	39.39 3.15 -3.18	98.51 3.17 -62.71	44.90 3.01 -11.64	52.86 3.22 -17.53	79.95 3.08 -46.68	53.45 3.75 -12.68	49.97 4.43 -2.41	39.12 3.30 0.00	40.14 3.23 0.00	60.20 4.43 0.00	57.79 4.12 0.00	53.22 3.80 0.00	36.55 2.42 0.00	32.55 2.31 0.00
BARRETT_IC_9 23700	60.88 4.28 -3.97	55.29 4.27 0.00	46.45 3.41 0.00	41.11 2.77 0.00	43.05 2.72 0.00	47.36 3.01 0.00	52.57 3.52 0.00	54.17 3.90 0.00	57.06 4.16 0.00	40.96 3.18 0.00	39.39 3.15 -3.18	98.51 3.17 -62.71	44.90 3.01 -11.64	52.86 3.22 -17.53	79.95 3.08 -46.68	53.45 3.75 -12.68	49.97 4.43 -2.41	39.12 3.30 0.00	40.14 3.23 0.00	60.20 4.43 0.00	57.79 4.12 0.00	53.22 3.80 0.00	36.55 2.42 0.00	32.55 2.31 0.00
BARRETT___1 23545	60.88 4.28 -3.97	55.29 4.27 0.00	46.45 3.41 0.00	41.11 2.77 0.00	43.05 2.72 0.00	47.36 3.01 0.00	52.57 3.52 0.00	54.17 3.90 0.00	57.06 4.16 0.00	40.96 3.18 0.00	39.39 3.15 -3.18	98.51 3.17 -62.71	44.90 3.01 -11.64	52.86 3.22 -17.53	79.95 3.08 -46.68	53.45 3.75 -12.68	49.97 4.43 -2.41	39.12 3.30 0.00	40.14 3.23 0.00	60.20 4.43 0.00	57.79 4.12 0.00	53.22 3.80 0.00	36.55 2.42 0.00	32.55 2.31 0.00
BARRETT___2 23546	60.88 4.28 -3.97	55.29 4.27 0.00	46.45 3.41 0.00	41.11 2.77 0.00	43.05 2.72 0.00	47.36 3.01 0.00	52.57 3.52 0.00	54.17 3.90 0.00	57.06 4.16 0.00	40.96 3.18 0.00	39.39 3.15 -3.18	98.51 3.17 -62.71	44.90 3.01 -11.64	52.86 3.22 -17.53	79.95 3.08 -46.68	53.45 3.75 -12.68	49.97 4.43 -2.41	39.12 3.30 0.00	40.14 3.23 0.00	60.20 4.43 0.00	57.79 4.12 0.00	53.22 3.80 0.00	36.55 2.42 0.00	32.55 2.31 0.00
BATAVIA__115KV_TB1 55881	36.34 -3.02 13.28	48.10 -2.92 0.00	40.53 -2.51 0.00	36.25 -2.09 0.00	38.13 -2.20 0.00	42.23 -2.11 0.00	46.55 -2.50 0.00	46.44 -2.73 1.10	36.42 -3.36 13.13	25.23 -3.03 9.53	29.59 -3.03 0.45	29.70 -2.93 0.00	27.29 -2.86 0.11	29.30 -2.82 0.00	27.38 -2.82 0.00	31.16 -3.27 2.58	5.85 -3.63 33.66	31.87 -2.91 1.04	33.95 -2.83 0.13	42.48 -3.53 9.76	39.59 -2.69 11.39	43.52 -2.59 3.31	31.32 -1.82 1.00	27.55 -1.60 1.10
BAYONEEC___CTG1 323682	60.91 4.31 -3.97	54.96 3.94 0.00	46.14 3.09 0.00	40.87 2.53 0.00	42.82 2.48 0.00	47.08 2.74 0.00	52.35 3.31 0.00	54.12 3.85 0.00	57.06 4.16 0.00	40.89 3.11 0.00	38.28 2.94 -2.27	36.00 2.93 -0.45	37.69 2.79 -4.64	35.16 3.01 -0.04	34.23 2.89 -1.15	40.51 3.49 0.00	47.22 4.09 0.00	38.99 3.18 0.00	39.89 2.97 0.00	59.90 4.13 0.00	57.61 3.94 0.00	52.99 3.57 0.00	36.60 2.46 0.00	32.46 2.21 0.00
BAYONEEC___CTG10 323750	60.91 4.31 -3.97	54.96 3.94 0.00	46.14 3.09 0.00	40.87 2.53 0.00	42.82 2.48 0.00	47.08 2.74 0.00	52.35 3.31 0.00	54.12 3.85 0.00	57.06 4.16 0.00	40.89 3.11 0.00	38.28 2.94 -2.27	36.00 2.93 -0.45	37.69 2.79 -4.64	35.16 3.01 -0.04	34.23 2.89 -1.15	40.51 3.49 0.00	47.22 4.09 0.00	38.99 3.18 0.00	39.89 2.97 0.00	59.90 4.13 0.00	57.61 3.94 0.00	52.99 3.57 0.00	36.60 2.46 0.00	32.46 2.21 0.00
BAYONEEC___CTG2 323683	60.91 4.31 -3.97	54.96 3.94 0.00	46.14 3.09 0.00	40.87 2.53 0.00	42.82 2.48 0.00	47.08 2.74 0.00	52.35 3.31 0.00	54.12 3.85 0.00	57.06 4.16 0.00	40.89 3.11 0.00	38.28 2.94 -2.27	36.00 2.93 -0.45	37.69 2.79 -4.64	35.16 3.01 -0.04	34.23 2.89 -1.15	40.51 3.49 0.00	47.22 4.09 0.00	38.99 3.18 0.00	39.89 2.97 0.00	59.90 4.13 0.00	57.61 3.94 0.00	52.99 3.57 0.00	36.60 2.46 0.00	32.46 2.21 0.00
BAYONEEC___CTG3 323684	60.91 4.31 -3.97	54.96 3.94 0.00	46.14 3.09 0.00	40.87 2.53 0.00	42.82 2.48 0.00	47.08 2.74 0.00	52.35 3.31 0.00	54.12 3.85 0.00	57.06 4.16 0.00	40.89 3.11 0.00	38.28 2.94 -2.27	36.00 2.93 -0.45	37.69 2.79 -4.64	35.16 3.01 -0.04	34.23 2.89 -1.15	40.51 3.49 0.00	47.22 4.09 0.00	38.99 3.18 0.00	39.89 2.97 0.00	59.90 4.13 0.00	57.61 3.94 0.00	52.99 3.57 0.00	36.60 2.46 0.00	32.46 2.21 0.00
BAYONEEC___CTG4 323685	60.91 4.31 -3.97	54.96 3.94 0.00	46.14 3.09 0.00	40.87 2.53 0.00	42.82 2.48 0.00	47.08 2.74 0.00	52.35 3.31 0.00	54.12 3.85 0.00	57.06 4.16 0.00	40.89 3.11 0.00	38.28 2.94 -2.27	36.00 2.93 -0.45	37.69 2.79 -4.64	35.16 3.01 -0.04	34.23 2.89 -1.15	40.51 3.49 0.00	47.22 4.09 0.00	38.99 3.18 0.00	39.89 2.97 0.00	59.90 4.13 0.00	57.61 3.94 0.00	52.99 3.57 0.00	36.60 2.46 0.00	32.46 2.21 0.00
BAYONEEC___CTG5 323686	60.91 4.31 -3.97	54.96 3.94 0.00	46.14 3.09 0.00	40.87 2.53 0.00	42.82 2.48 0.00	47.08 2.74 0.00	52.35 3.31 0.00	54.12 3.85 0.00	57.06 4.16 0.00	40.89 3.11 0.00	38.28 2.94 -2.27	36.00 2.93 -0.45	37.69 2.79 -4.64	35.16 3.01 -0.04	34.23 2.89 -1.15	40.51 3.49 0.00	47.22 4.09 0.00	38.99 3.18 0.00	39.89 2.97 0.00	59.90 4.13 0.00	57.61 3.94 0.00	52.99 3.57 0.00	36.60 2.46 0.00	32.46 2.21 0.00
BAYONEEC___CTG6 323687	60.91 4.31 -3.97	54.96 3.94 0.00	46.14 3.09 0.00	40.87 2.53 0.00	42.82 2.48 0.00	47.08 2.74 0.00	52.35 3.31 0.00	54.12 3.85 0.00	57.06 4.16 0.00	40.89 3.11 0.00	38.28 2.94 -2.27	36.00 2.93 -0.45	37.69 2.79 -4.64	35.16 3.01 -0.04	34.23 2.89 -1.15	40.51 3.49 0.00	47.22 4.09 0.00	38.99 3.18 0.00	39.89 2.97 0.00	59.90 4.13 0.00	57.61 3.94 0.00	52.99 3.57 0.00	36.60 2.46 0.00	32.46 2.21 0.00
BAYONEEC___CTG7 323688	60.91 4.31 -3.97	54.96 3.94 0.00	46.14 3.09 0.00	40.87 2.53 0.00	42.82 2.48 0.00	47.08 2.74 0.00	52.35 3.31 0.00	54.12 3.85 0.00	57.06 4.16 0.00	40.89 3.11 0.00	38.28 2.94 -2.27	36.00 2.93 -0.45	37.69 2.79 -4.64	35.16 3.01 -0.04	34.23 2.89 -1.15	40.51 3.49 0.00	47.22 4.09 0.00	38.99 3.18 0.00	39.89 2.97 0.00	59.90 4.13 0.00	57.61 3.94 0.00	52.99 3.57 0.00	36.60 2.46 0.00	32.46 2.21 0.00

BAYONEEC___CTG8 323689	60.91 4.31 -3.97	54.96 3.94 0.00	46.14 3.09 0.00	40.87 2.53 0.00	42.82 2.48 0.00	47.08 2.74 0.00	52.35 3.31 0.00	54.12 3.85 0.00	57.06 4.16 0.00	40.89 3.11 0.00	38.28 2.94 -2.27	36.00 2.93 -0.45	37.69 2.79 -4.64	35.16 3.01 -0.04	34.23 2.89 -1.15	40.51 3.49 0.00	47.22 4.09 0.00	38.99 3.18 0.00	39.89 2.97 0.00	59.90 4.13 0.00	57.61 3.94 0.00	52.99 3.57 0.00	36.60 2.46 0.00	32.46 2.21 0.00
BAYONEEC___CTG9 323749	60.91 4.31 -3.97	54.96 3.94 0.00	46.14 3.09 0.00	40.87 2.53 0.00	42.82 2.48 0.00	47.08 2.74 0.00	52.35 3.31 0.00	54.12 3.85 0.00	57.06 4.16 0.00	40.89 3.11 0.00	38.28 2.94 -2.27	36.00 2.93 -0.45	37.69 2.79 -4.64	35.16 3.01 -0.04	34.23 2.89 -1.15	40.51 3.49 0.00	47.22 4.09 0.00	38.99 3.18 0.00	39.89 2.97 0.00	59.90 4.13 0.00	57.61 3.94 0.00	52.99 3.57 0.00	36.60 2.46 0.00	32.46 2.21 0.00
BAYPORT_69_KV_BK 2 356364	61.53 4.92 -3.97	56.35 5.33 0.00	47.29 4.25 0.00	41.83 3.49 0.00	43.76 3.42 0.00	48.19 3.85 0.00	53.53 4.48 0.00	55.12 4.84 0.00	58.03 5.13 0.00	41.74 3.96 0.00	40.08 3.83 -3.18	99.35 4.02 -62.71	45.67 3.77 -11.64	53.81 4.17 -17.53	80.91 4.03 -46.68	54.65 4.96 -12.68	51.41 5.86 -2.41	40.13 4.31 0.00	41.16 4.24 0.00	61.66 5.88 0.00	181.82 5.48 -122.66	54.41 4.99 0.00	37.30 3.17 0.00	33.35 3.11 0.00
BEACON___LESR 323632	55.57 1.85 -1.08	52.85 1.83 0.00	44.55 1.51 0.00	39.68 1.35 0.00	41.73 1.40 0.00	45.74 1.39 0.00	50.56 1.51 0.00	51.81 1.53 0.00	54.23 1.33 0.00	38.97 1.19 0.00	34.12 1.05 0.00	33.61 0.98 0.00	31.18 0.92 0.00	33.00 0.88 0.00	31.16 0.97 0.00	38.23 1.21 0.00	44.50 1.37 0.00	36.94 1.12 0.00	38.00 1.08 0.00	57.20 1.42 0.00	55.24 1.56 0.00	50.87 1.45 0.00	35.23 1.10 0.00	31.19 0.95 0.00
BEAVER RIVER___HYD 24048	51.66 -1.02 -0.04	49.80 -1.22 0.00	41.90 -1.14 0.00	37.47 -0.87 0.00	39.97 -0.36 0.00	43.95 -0.39 0.00	48.57 -0.47 0.00	49.58 -0.70 0.00	51.64 -1.26 0.00	36.66 -1.12 0.00	31.94 -1.12 0.00	31.44 -1.19 0.00	29.21 -1.05 0.00	30.97 -1.15 0.00	28.99 -1.21 0.00	35.45 -1.56 0.00	41.38 -1.75 0.00	34.46 -1.35 0.00	35.84 -1.07 0.00	55.10 -0.67 0.00	53.66 -0.02 0.00	49.71 0.29 0.00	34.34 0.21 0.00	30.27 0.02 0.00
BEEBEE_GT_13 23619	40.29 -2.17 10.17	49.01 -2.01 0.00	41.28 -1.77 0.00	36.85 -1.48 0.00	38.76 -1.57 0.00	42.82 -1.52 0.00	47.36 -1.68 0.00	48.23 -1.83 0.21	48.17 -2.25 2.48	34.05 -1.94 1.80	31.19 -1.79 0.08	30.93 -1.70 0.00	28.58 -1.66 0.02	30.50 -1.61 0.00	28.58 -1.62 0.00	35.31 -1.88 -0.18	43.26 -2.18 -2.31	34.23 -1.66 -0.07	35.35 -1.57 0.00	51.92 -2.00 1.85	49.77 -1.75 2.16	47.19 -1.60 0.63	32.76 -1.18 0.19	28.97 -1.06 0.21
BENSHRST_27_KV_BENSHRST_1 355998	61.35 4.75 -3.97	55.47 4.45 0.00	46.55 3.50 0.00	41.20 2.86 0.00	43.18 2.85 0.00	47.46 3.12 0.00	52.79 3.75 0.00	54.59 4.31 0.00	57.55 4.65 0.00	41.26 3.47 0.00	38.59 3.25 -2.27	36.32 3.24 -0.45	38.03 3.14 -4.64	35.57 3.42 -0.04	34.58 3.23 -1.15	40.95 3.93 0.00	47.77 4.64 0.00	39.42 3.60 0.00	40.30 3.39 0.00	60.58 4.81 0.00	58.25 4.57 0.00	53.65 4.23 0.00	37.00 2.87 0.00	32.83 2.58 0.00
BETHLEHEM___GRP 23843	55.05 1.33 -1.08	52.32 1.30 0.00	44.15 1.10 0.00	39.32 0.99 0.00	41.33 1.00 0.00	45.29 0.94 0.00	50.00 0.96 0.00	51.25 0.98 0.00	53.57 0.67 0.00	38.54 0.76 0.00	33.75 0.68 0.00	33.29 0.66 0.00	30.84 0.58 0.00	32.66 0.55 0.00	30.84 0.64 0.00	37.83 0.80 0.00	43.99 0.85 0.00	36.53 0.71 0.00	37.54 0.62 0.00	56.43 0.66 0.00	54.49 0.81 0.00	50.20 0.79 0.00	34.81 0.67 0.00	30.83 0.58 0.00
BETHLEHEM___GS1 323560	55.05 1.33 -1.08	52.31 1.29 0.00	44.15 1.11 0.00	39.32 0.99 0.00	41.32 0.99 0.00	45.29 0.94 0.00	50.00 0.96 0.00	51.25 0.97 0.00	53.56 0.66 0.00	38.53 0.75 0.00	33.75 0.68 0.00	33.29 0.66 0.00	30.84 0.58 0.00	32.66 0.55 0.00	30.84 0.64 0.00	37.82 0.80 0.00	43.98 0.84 0.00	36.53 0.71 0.00	37.54 0.63 0.00	56.42 0.65 0.00	54.48 0.80 0.00	50.20 0.78 0.00	34.81 0.67 0.00	30.83 0.59 0.00
BETHLEHEM___GS2 323561	55.05 1.33 -1.08	52.31 1.29 0.00	44.15 1.11 0.00	39.32 0.99 0.00	41.32 0.99 0.00	45.29 0.94 0.00	50.00 0.96 0.00	51.25 0.97 0.00	53.56 0.66 0.00	38.53 0.75 0.00	33.75 0.68 0.00	33.29 0.66 0.00	30.84 0.58 0.00	32.66 0.55 0.00	30.84 0.64 0.00	37.82 0.80 0.00	43.98 0.84 0.00	36.53 0.71 0.00	37.54 0.63 0.00	56.42 0.65 0.00	54.48 0.80 0.00	50.20 0.78 0.00	34.81 0.67 0.00	30.83 0.59 0.00
BETHLEHEM___GS3 323562	55.05 1.33 -1.08	52.31 1.29 0.00	44.15 1.11 0.00	39.32 0.99 0.00	41.32 0.99 0.00	45.29 0.94 0.00	50.00 0.96 0.00	51.25 0.97 0.00	53.56 0.66 0.00	38.53 0.75 0.00	33.75 0.68 0.00	33.29 0.66 0.00	30.84 0.58 0.00	32.66 0.55 0.00	30.84 0.64 0.00	37.82 0.80 0.00	43.98 0.84 0.00	36.53 0.71 0.00	37.54 0.63 0.00	56.42 0.65 0.00	54.48 0.80 0.00	50.20 0.78 0.00	34.81 0.67 0.00	30.83 0.59 0.00
BETHLEHEM___STEEL 23779	31.76 -4.14 16.73	47.22 -3.80 0.00	39.81 -3.23 0.00	35.64 -2.69 0.00	37.50 -2.84 0.00	41.42 -2.93 0.00	45.63 -3.42 0.00	44.54 -3.68 2.06	24.52 -4.16 24.22	16.73 -3.46 17.59	29.05 -3.20 0.82	29.62 -3.00 0.00	27.19 -2.87 0.21	29.41 -2.70 0.00	27.40 -2.80 0.00	33.19 -3.20 0.62	31.39 -3.65 8.09	32.69 -2.88 0.25	33.83 -3.00 0.08	33.41 -4.31 18.06	28.70 -3.90 21.08	39.61 -3.69 6.12	29.71 -2.57 1.85	25.98 -2.24 2.03
BETHLHEM_115KV_TB1 79974	55.12 1.40 -1.08	52.41 1.39 0.00	44.20 1.16 0.00	39.36 1.03 0.00	41.37 1.04 0.00	45.35 1.00 0.00	50.08 1.04 0.00	51.34 1.07 0.00	53.71 0.81 0.00	38.61 0.83 0.00	33.81 0.74 0.00	33.35 0.73 0.00	30.91 0.65 0.00	32.73 0.62 0.00	30.91 0.71 0.00	37.90 0.88 0.00	44.10 0.97 0.00	36.61 0.79 0.00	37.63 0.72 0.00	56.59 0.82 0.00	54.63 0.95 0.00	50.33 0.91 0.00	34.88 0.74 0.00	30.89 0.65 0.00
BETHPAGE_CC_5 323564	61.36 4.75 -3.97	55.84 4.82 0.00	46.92 3.88 0.00	41.51 3.17 0.00	43.46 3.12 0.00	47.83 3.48 0.00	53.08 4.03 0.00	54.72 4.44 0.00	57.66 4.76 0.00	41.39 3.61 0.00	39.78 3.53 -3.18	98.92 3.58 -62.71	45.27 3.38 -11.64	53.26 3.62 -17.53	80.33 3.45 -46.68	53.93 4.23 -12.68	50.51 4.97 -2.41	39.52 3.70 0.00	40.57 3.66 0.00	60.82 5.05 0.00	67.62 4.69 -9.25	53.77 4.35 0.00	36.92 2.79 0.00	32.91 2.66 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.70 -4.07 16.86	47.27 -3.75 0.00	39.86 -3.19 0.00	35.68 -2.66 0.00	37.55 -2.79 0.00	41.46 -2.89 0.00	45.69 -3.35 0.00	44.65 -3.61 2.02	25.07 -4.08 23.75	17.14 -3.40 17.25	29.12 -3.14 0.81	29.69 -2.94 0.00	27.25 -2.80 0.20	29.47 -2.64 0.00	27.46 -2.74 0.00	33.28 -3.11 0.62	31.56 -3.56 8.01	32.76 -2.81 0.25	33.91 -2.93 0.08	33.88 -4.19 17.70	29.22 -3.79 20.66	39.81 -3.60 6.00	29.79 -2.53 1.81	26.05 -2.20 1.99

BINGHAMTON___COGEN 23790	81.42 -0.48 -29.27	50.85 -0.17 0.00	42.91 -0.13 0.00	38.24 -0.09 0.00	40.30 -0.03 0.00	44.34 0.00 0.00	49.04 0.00 0.00	50.51 0.02 -0.22	55.58 0.12 -2.56	39.64 -0.02 -1.88	33.12 -0.04 -0.09	32.60 -0.02 0.00	30.23 -0.05 -0.02	32.19 0.08 0.00	30.15 -0.04 0.00	36.97 0.04 0.09	42.05 0.11 1.19	35.80 0.02 0.04	36.94 0.03 0.00	58.05 0.36 -1.92	56.35 0.43 -2.24	50.44 0.37 -0.65	34.52 0.19 -0.20	30.64 0.18 -0.21
BIXINCNT_115KV_LOAD 355685	31.51 -3.68 17.45	47.59 -3.43 0.00	40.17 -2.88 0.00	36.05 -2.29 0.00	38.01 -2.33 0.00	41.88 -2.47 0.00	46.21 -2.83 0.00	45.19 -3.23 1.86	27.01 -4.05 21.84	18.57 -3.34 15.87	29.38 -2.95 0.74	30.02 -2.60 0.00	27.61 -2.47 0.19	29.86 -2.25 0.00	27.84 -2.36 0.00	33.83 -2.60 0.59	32.56 -2.94 7.63	33.15 -2.42 0.23	34.25 -2.59 0.07	35.76 -3.72 16.30	31.25 -3.40 19.02	40.62 -3.27 5.52	30.07 -2.40 1.67	26.35 -2.06 1.83
BLACK RIVER___HYD 24047	51.61 -1.08 -0.06	49.68 -1.34 0.00	41.75 -1.30 0.00	37.31 -1.03 0.00	39.84 -0.49 0.00	43.85 -0.50 0.00	48.48 -0.57 0.00	49.46 -0.81 0.00	51.28 -1.62 0.00	36.41 -1.37 0.00	31.72 -1.34 0.00	31.20 -1.43 0.00	28.99 -1.27 0.00	30.74 -1.37 0.00	28.77 -1.42 0.00	35.25 -1.76 0.00	41.15 -1.98 0.00	34.26 -1.55 0.00	35.66 -1.25 0.00	54.97 -0.80 0.00	53.76 0.08 0.00	49.90 0.48 0.00	34.37 0.23 0.00	30.29 0.05 0.00
BLACKRVR_115KV_TB2 79977	51.61 -1.08 -0.06	49.68 -1.35 0.00	41.75 -1.30 0.00	37.31 -1.03 0.00	39.84 -0.49 0.00	43.85 -0.50 0.00	48.48 -0.57 0.00	49.46 -0.82 0.00	51.28 -1.62 0.00	36.41 -1.38 0.00	31.72 -1.34 0.00	31.20 -1.43 0.00	28.98 -1.28 0.00	30.74 -1.37 0.00	28.77 -1.42 0.00	35.25 -1.76 0.00	41.15 -1.98 0.00	34.26 -1.55 0.00	35.66 -1.25 0.00	54.97 -0.80 0.00	53.76 0.08 0.00	49.90 0.48 0.00	34.37 0.24 0.00	30.29 0.05 0.00
BLISS_WT_PWR 323608	31.41 -3.77 17.45	47.54 -3.48 0.00	40.12 -2.93 0.00	36.04 -2.29 0.00	38.01 -2.33 0.00	41.87 -2.48 0.00	46.20 -2.85 0.00	45.13 -3.29 1.86	26.94 -4.11 21.84	18.51 -3.41 15.87	29.34 -2.99 0.74	30.00 -2.62 0.00	27.61 -2.46 0.19	29.87 -2.24 0.00	27.85 -2.35 0.00	33.85 -2.58 0.59	32.65 -2.85 7.63	33.17 -2.41 0.23	34.25 -2.59 0.07	35.77 -3.71 16.30	31.26 -3.40 19.02	40.56 -3.33 5.52	29.99 -2.48 1.67	26.29 -2.12 1.83
BLUESTONE___WT_PWR 323821	66.28 0.75 -12.89	52.07 1.05 0.00	44.20 1.16 0.00	39.37 1.04 0.00	41.60 1.27 0.00	46.05 1.71 0.00	50.97 1.93 0.00	52.23 1.96 0.00	54.83 1.93 0.00	39.17 1.39 0.00	33.65 1.17 0.59	33.56 1.05 0.12	30.03 0.97 1.21	33.14 1.04 0.01	30.81 0.90 0.29	38.18 1.17 0.00	44.68 1.55 0.00	37.15 1.34 0.00	38.45 1.53 0.00	58.68 2.91 0.00	56.72 3.05 0.00	52.17 2.76 0.00	35.56 1.43 0.00	31.43 1.18 0.00
BLUE_CIRC_CHEM_DRP 24182	55.48 1.77 -1.07	52.80 1.78 0.00	44.52 1.48 0.00	39.66 1.32 0.00	41.70 1.37 0.00	45.76 1.41 0.00	50.53 1.49 0.00	51.69 1.41 0.00	54.13 1.23 0.00	38.83 1.05 0.00	33.96 0.88 0.00	33.47 0.84 0.00	31.03 0.77 0.00	32.89 0.79 0.00	31.03 0.84 0.00	38.10 1.08 0.00	44.41 1.28 0.00	36.84 1.02 0.00	37.92 1.00 0.00	57.14 1.37 0.00	55.19 1.52 0.00	50.83 1.41 0.00	35.19 1.05 0.00	31.18 0.93 0.00
BOC_GAS_DRP 24189	55.26 1.55 -1.08	52.54 1.52 0.00	44.30 1.26 0.00	39.43 1.09 0.00	41.44 1.11 0.00	45.46 1.11 0.00	50.21 1.17 0.00	51.52 1.24 0.00	54.10 1.20 0.00	38.76 0.98 0.00	33.97 0.90 0.00	33.51 0.89 0.00	31.10 0.85 0.00	32.96 0.85 0.00	31.07 0.88 0.00	38.12 1.09 0.00	44.39 1.26 0.00	36.81 0.99 0.00	37.84 0.92 0.00	56.98 1.21 0.00	54.97 1.29 0.00	50.64 1.22 0.00	35.03 0.89 0.00	31.03 0.79 0.00
BOONVILLE_115KV_TB1 79983	53.20 0.52 -0.04	51.40 0.38 0.00	43.27 0.23 0.00	38.61 0.27 0.00	40.96 0.63 0.00	45.09 0.74 0.00	49.81 0.77 0.00	50.86 0.59 0.00	53.19 0.29 0.00	37.77 -0.02 0.00	32.88 -0.19 0.00	32.35 -0.27 0.00	30.06 -0.20 0.00	31.86 -0.26 0.00	29.83 -0.37 0.00	36.58 -0.44 0.00	42.71 -0.42 0.00	35.57 -0.24 0.00	37.02 0.10 0.00	56.82 1.05 0.00	55.08 1.41 0.00	50.86 1.45 0.00	35.08 0.95 0.00	30.93 0.68 0.00
BORALEX_4TH_BRANCH 23824	56.18 2.46 -1.09	53.59 2.57 0.00	45.08 2.03 0.00	40.17 1.83 0.00	42.26 1.93 0.00	46.20 1.86 0.00	50.94 1.90 0.00	52.35 2.07 0.00	54.97 2.07 0.00	39.28 1.49 0.00	34.35 1.28 0.00	33.89 1.26 0.00	31.53 1.27 0.00	33.32 1.21 0.00	31.46 1.26 0.00	38.68 1.66 0.00	45.09 1.96 0.00	37.41 1.60 0.00	38.43 1.52 0.00	57.91 2.14 0.00	56.23 2.55 0.00	51.82 2.41 0.00	35.84 1.70 0.00	31.66 1.41 0.00
BOWLINE___1 23526	60.69 3.98 -4.07	54.62 3.60 0.00	45.91 2.86 0.00	40.69 2.36 0.00	42.66 2.33 0.00	46.92 2.57 0.00	52.06 3.02 0.00	53.74 3.47 0.00	56.64 3.74 0.00	40.55 2.76 0.00	31.82 2.60 3.85	34.45 2.59 0.76	24.87 2.47 7.85	34.67 2.62 0.07	30.76 2.51 1.95	40.09 3.07 0.00	46.76 3.63 0.00	38.60 2.78 0.00	39.56 2.65 0.00	59.45 3.68 0.00	57.25 3.57 0.00	52.65 3.24 0.00	36.33 2.20 0.00	32.18 1.94 0.00
BOWLINE___2 23595	60.68 3.98 -4.07	54.62 3.60 0.00	45.91 2.86 0.00	40.69 2.36 0.00	42.66 2.33 0.00	46.92 2.57 0.00	52.06 3.02 0.00	53.74 3.47 0.00	56.64 3.74 0.00	40.55 2.76 0.00	31.82 2.60 3.85	34.45 2.59 0.76	24.87 2.47 7.86	34.67 2.62 0.07	30.75 2.51 1.95	40.09 3.07 0.00	46.76 3.63 0.00	38.60 2.78 0.00	39.56 2.65 0.00	59.45 3.68 0.00	57.25 3.57 0.00	52.65 3.24 0.00	36.33 2.20 0.00	32.18 1.94 0.00
BRADY___115KV_TB2 356060	52.42 -0.21 0.00	50.77 -0.25 0.00	42.98 -0.06 0.00	38.40 0.06 0.00	40.51 0.18 0.00	44.62 0.27 0.00	49.34 0.29 0.00	50.05 -0.22 0.00	52.29 -0.61 0.00	37.37 -0.42 0.00	32.75 -0.32 0.00	32.34 -0.29 0.00	29.94 -0.32 0.00	31.76 -0.35 0.00	29.80 -0.40 0.00	36.27 -0.75 0.00	42.41 -0.73 0.00	35.50 -0.32 0.00	36.74 -0.18 0.00	55.51 -0.26 0.00	53.76 0.09 0.00	49.53 0.11 0.00	34.20 0.06 0.00	30.23 -0.02 0.00
BRANSCOMB___SOLAR 323811	56.57 2.83 -1.11	53.81 2.79 0.00	45.28 2.24 0.00	40.34 2.00 0.00	42.46 2.12 0.00	46.59 2.24 0.00	51.44 2.39 0.00	52.76 2.48 0.00	55.17 2.27 0.00	39.44 1.66 0.00	34.41 1.34 0.00	33.86 1.23 0.00	31.45 1.19 0.00	33.26 1.15 0.00	31.39 1.19 0.00	38.72 1.70 0.00	45.19 2.06 0.00	37.56 1.74 0.00	38.63 1.71 0.00	58.52 2.75 0.00	56.70 3.02 0.00	52.22 2.80 0.00	36.06 1.92 0.00	31.87 1.62 0.00
BRDGHMPT_69_KV_BK1 55812	61.99 5.39 -3.97	56.49 5.47 0.00	46.90 3.85 0.00	41.49 3.15 0.00	43.42 3.08 0.00	48.02 3.67 0.00	53.42 4.37 0.00	54.76 4.49 0.00	56.82 3.92 0.00	40.88 3.10 0.00	39.42 3.17 -3.18	99.02 3.68 -62.71	45.66 4.72 -11.64	54.37 4.72 -17.53	81.59 4.71 -46.68	55.72 6.02 -12.68	52.85 7.30 -2.42	41.34 5.53 0.00	42.02 5.10 0.00	62.72 6.94 -0.01	226.70 6.20 -166.83	54.82 5.40 0.00	37.73 3.59 0.00	33.79 3.55 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	61.00 4.40 -3.97	56.01 4.99 0.00	47.17 4.12 0.00	41.72 3.38 0.00	43.66 3.32 0.00	48.06 3.71 0.00	53.34 4.30 0.00	54.92 4.65 0.00	57.90 5.00 0.00	41.63 3.84 0.00	39.97 3.73 -3.18	99.16 3.82 -62.71	45.51 3.61 -11.64	53.54 3.89 -17.53	80.62 3.74 -46.68	54.26 4.56 -12.68	50.89 5.35 -2.41	39.76 3.94 0.00	40.82 3.91 0.00	61.16 5.39 0.00	103.21 4.96 -44.57	54.03 4.61 0.00	37.09 2.95 0.00	33.14 2.89 0.00
BRISTLHL_115KV_TB1 79998	48.32 -1.56 2.75	49.54 -1.48 0.00	41.78 -1.27 0.00	37.21 -1.12 0.00	39.19 -1.15 0.00	43.15 -1.20 0.00	47.75 -1.29 0.00	48.95 -1.33 0.00	51.40 -1.50 0.00	36.60 -1.19 0.00	31.98 -1.09 0.00	31.53 -1.10 0.00	29.22 -1.04 0.00	31.02 -1.09 0.00	29.14 -1.05 0.00	35.76 -1.26 0.00	41.61 -1.52 0.00	34.46 -1.36 0.00	35.60 -1.31 0.00	54.02 -1.75 0.00	52.10 -1.58 0.00	48.02 -1.40 0.00	33.16 -0.97 0.00	29.44 -0.80 0.00
BROOKHAVEN___DRP 24191	61.22 4.62 -3.97	56.04 5.02 0.00	46.64 3.60 0.00	41.34 3.00 0.00	43.21 2.88 0.00	47.65 3.31 0.00	53.01 3.97 0.00	54.51 4.23 0.00	56.99 4.08 0.00	41.05 3.27 0.00	39.48 3.23 -3.18	99.02 3.69 -62.71	45.31 3.41 -11.64	53.77 4.13 -17.53	80.98 4.10 -46.68	54.89 5.19 -12.68	51.83 6.28 -2.42	40.51 4.70 0.00	41.11 4.19 0.00	61.27 5.50 -0.01	227.53 5.09 -168.77	53.98 4.56 0.00	37.01 2.87 0.00	33.17 2.93 0.00
BROOKLYN_NAVY_YARD 23515	60.84 4.24 -3.97	54.87 3.85 0.00	46.06 3.01 0.00	40.81 2.47 0.00	42.77 2.43 0.00	47.03 2.68 0.00	52.30 3.26 0.00	54.10 3.83 0.00	57.00 4.10 0.00	40.83 3.05 0.00	38.19 2.85 -2.27	35.92 2.84 -0.45	37.60 2.70 -4.63	35.06 2.92 -0.03	34.13 2.79 -1.14	40.39 3.37 0.01	47.08 3.95 0.01	38.87 3.06 0.01	39.76 2.86 0.01	59.73 3.96 0.00	57.45 3.77 0.00	52.83 3.42 0.01	36.50 2.37 0.00	32.38 2.13 0.00
BROOKLYN___ARMY_DRP 323595	61.04 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.52 3.48 0.00	54.32 4.04 0.00	57.26 4.35 0.00	41.04 3.25 0.00	38.40 3.06 -2.27	36.13 3.06 -0.45	37.86 2.97 -4.64	35.38 3.23 -0.04	34.42 3.07 -1.15	40.73 3.71 0.00	47.53 4.40 0.00	39.21 3.39 0.00	40.10 3.18 0.00	60.26 4.49 0.00	57.88 4.20 0.00	53.28 3.86 0.00	36.82 2.68 0.00	32.67 2.42 0.00
BROOME_2_LFGE 323671	81.39 -0.52 -29.27	50.85 -0.17 0.00	42.91 -0.13 0.00	38.24 -0.09 0.00	40.30 -0.03 0.00	44.34 0.00 0.00	49.04 0.00 0.00	50.51 0.02 -0.22	55.55 0.10 -2.56	39.62 -0.04 -1.88	33.12 -0.04 -0.09	32.60 -0.02 0.00	30.23 -0.05 -0.02	32.19 0.08 0.00	30.15 -0.04 0.00	36.97 0.04 0.09	42.05 0.10 1.19	35.80 0.02 0.04	36.94 0.03 0.00	58.04 0.35 -1.92	56.35 0.43 -2.24	50.44 0.38 -0.65	34.52 0.19 -0.20	30.64 0.18 -0.21
BROOME___LFGE 323600	81.39 -0.52 -29.27	50.85 -0.17 0.00	42.91 -0.13 0.00	38.24 -0.09 0.00	40.30 -0.03 0.00	44.34 0.00 0.00	49.04 0.00 0.00	50.51 0.02 -0.22	55.55 0.10 -2.56	39.62 -0.04 -1.88	33.12 -0.04 -0.09	32.60 -0.02 0.00	30.23 -0.05 -0.02	32.19 0.08 0.00	30.15 -0.04 0.00	36.97 0.04 0.09	42.05 0.10 1.19	35.80 0.02 0.04	36.94 0.03 0.00	58.04 0.35 -1.92	56.35 0.43 -2.24	50.44 0.38 -0.65	34.52 0.19 -0.20	30.64 0.18 -0.21
BROWNFLS_115KV_TB_3_5 80003	51.17 -1.50 -0.03	49.50 -1.52 0.00	41.78 -1.27 0.00	37.34 -1.00 0.00	39.70 -0.63 0.00	43.68 -0.66 0.00	48.27 -0.77 0.00	49.20 -1.07 0.00	51.32 -1.58 0.00	36.54 -1.25 0.00	31.92 -1.15 0.00	31.45 -1.17 0.00	29.21 -1.05 0.00	30.96 -1.15 0.00	28.99 -1.21 0.00	35.32 -1.70 0.00	41.20 -1.93 0.00	34.35 -1.46 0.00	35.66 -1.25 0.00	54.48 -1.29 0.00	52.88 -0.80 0.00	48.91 -0.51 0.00	33.83 -0.31 0.00	29.91 -0.34 0.00
BROWNSV1_27_KV_LOAD 356125	61.36 4.76 -3.97	55.38 4.36 0.00	46.48 3.44 0.00	41.16 2.83 0.00	43.14 2.80 0.00	47.43 3.08 0.00	52.73 3.69 0.00	54.52 4.24 0.00	57.50 4.59 0.00	41.19 3.41 0.00	38.54 3.20 -2.27	36.25 3.18 -0.45	37.94 3.04 -4.64	35.42 3.27 -0.04	34.46 3.11 -1.15	40.79 3.77 0.00	47.55 4.42 0.00	39.26 3.44 0.00	40.17 3.25 0.00	60.33 4.56 0.00	58.02 4.34 0.00	53.34 3.92 0.00	36.82 2.68 0.00	32.65 2.40 0.00
BURROWS___LYONSDAL 23803	52.80 0.12 -0.04	50.97 -0.05 0.00	42.89 -0.15 0.00	38.29 -0.05 0.00	40.72 0.39 0.00	44.81 0.46 0.00	49.49 0.45 0.00	50.54 0.27 0.00	52.83 -0.06 0.00	37.49 -0.29 0.00	32.65 -0.42 0.00	32.12 -0.51 0.00	29.84 -0.42 0.00	31.63 -0.48 0.00	29.62 -0.58 0.00	36.30 -0.72 0.00	42.39 -0.75 0.00	35.30 -0.52 0.00	36.73 -0.18 0.00	56.42 0.64 0.00	54.75 1.07 0.00	50.60 1.18 0.00	34.92 0.78 0.00	30.76 0.52 0.00
CAITHNESS_CC_1 323624	60.97 4.37 -3.97	55.81 4.79 0.00	46.92 3.88 0.00	41.51 3.18 0.00	43.43 3.10 0.00	47.83 3.48 0.00	53.08 4.03 0.00	54.64 4.37 0.00	57.50 4.61 0.00	41.39 3.61 0.00	39.77 3.52 -3.18	98.98 3.64 -62.71	45.33 3.44 -11.64	53.41 3.77 -17.53	80.53 3.65 -46.68	54.16 4.46 -12.68	50.80 5.26 -2.42	39.63 3.82 0.00	40.77 3.86 0.00	61.14 5.37 -0.01	229.37 4.98 -170.71	53.92 4.50 0.00	36.99 2.86 0.00	33.13 2.88 0.00
CALPINE BETH_PAGE_GT4 24209	61.38 4.78 -3.97	55.83 4.82 0.00	46.92 3.88 0.00	41.51 3.17 0.00	43.46 3.12 0.00	47.83 3.48 0.00	53.08 4.04 0.00	54.72 4.45 0.00	57.71 4.81 0.00	41.40 3.61 0.00	39.77 3.53 -3.18	98.91 3.58 -62.71	45.27 3.37 -11.64	53.25 3.61 -17.53	80.32 3.44 -46.68	53.91 4.21 -12.68	50.49 4.95 -2.41	39.52 3.70 0.00	40.56 3.65 0.00	60.84 5.07 0.00	65.47 4.70 -7.09	53.76 4.34 0.00	36.92 2.78 0.00	32.90 2.65 0.00
CALPINE_BETH_PAGE_GT_4 323586	61.38 4.78 -3.97	55.84 4.82 0.00	46.92 3.88 0.00	41.51 3.17 0.00	43.46 3.12 0.00	47.83 3.48 0.00	53.08 4.03 0.00	54.72 4.44 0.00	57.66 4.76 0.00	41.39 3.60 0.00	39.77 3.52 -3.18	98.91 3.57 -62.71	45.26 3.36 -11.64	53.25 3.61 -17.53	80.31 3.44 -46.68	53.90 4.20 -12.68	50.49 4.94 -2.41	39.52 3.70 0.00	40.56 3.64 0.00	60.82 5.04 0.00	65.46 4.69 -7.09	53.75 4.33 0.00	36.92 2.79 0.00	32.89 2.65 0.00
CALPINE_BP_GT1 23823	61.38 4.78 -3.97	55.84 4.82 0.00	46.92 3.88 0.00	41.51 3.17 0.00	43.46 3.12 0.00	47.83 3.48 0.00	53.08 4.03 0.00	54.72 4.44 0.00	57.66 4.76 0.00	41.39 3.60 0.00	39.77 3.52 -3.18	98.91 3.57 -62.71	45.26 3.36 -11.64	53.25 3.61 -17.53	80.31 3.44 -46.68	53.90 4.20 -12.68	50.49 4.94 -2.41	39.52 3.70 0.00	40.56 3.64 0.00	60.82 5.04 0.00	65.46 4.69 -7.09	53.75 4.33 0.00	36.92 2.79 0.00	32.89 2.65 0.00
CALSPAN___DRP 24200	31.76 -4.14 16.73	47.22 -3.80 0.00	39.81 -3.23 0.00	35.64 -2.69 0.00	37.50 -2.84 0.00	41.42 -2.93 0.00	45.63 -3.42 0.00	44.54 -3.68 2.06	24.52 -4.16 24.22	16.73 -3.46 17.59	29.05 -3.20 0.82	29.62 -3.00 0.00	27.19 -2.87 0.21	29.41 -2.70 0.00	27.40 -2.80 0.00	33.19 -3.20 0.62	31.39 -3.65 8.09	32.69 -2.88 0.25	33.83 -3.00 0.08	33.41 -4.31 18.06	28.70 -3.90 21.08	39.61 -3.69 6.12	29.71 -2.57 1.85	25.98 -2.24 2.03

CALVERTON___SOLAR 323806	61.27 4.67 -3.97	56.08 5.06 0.00	46.67 3.62 0.00	41.35 3.02 0.00	43.22 2.89 0.00	47.68 3.33 0.00	53.05 4.00 0.00	54.51 4.23 0.00	56.92 4.02 0.00	41.02 3.24 0.00	39.47 3.22 -3.18	99.02 3.68 -62.71	45.32 3.43 -11.64	53.80 4.16 -17.53	81.02 4.14 -46.68	54.95 5.25 -12.68	51.91 6.36 -2.42	40.58 4.76 0.00	41.21 4.29 0.00	61.42 5.65 -0.01	227.05 5.23 -168.15	54.06 4.64 0.00	37.07 2.94 0.00	33.24 2.99 0.00
CANDIGU_WT_PWR 323617	21.62 -3.11 27.90	48.55 -2.47 0.00	41.04 -2.01 0.00	36.71 -1.63 0.00	38.75 -1.59 0.00	42.64 -1.71 0.00	47.15 -1.90 0.00	40.23 -2.24 7.80	-41.34 -2.82 91.43	-31.07 -2.42 66.43	27.67 -2.30 3.10	30.41 -2.21 0.01	27.40 -2.08 0.78	30.23 -1.88 0.00	28.23 -1.97 0.00	34.52 -2.21 0.29	36.83 -2.49 3.81	33.62 -2.08 0.12	34.73 -1.96 0.23	-14.70 -1.99 68.48	-27.98 -1.74 79.93	24.49 -1.72 23.20	25.73 -1.38 7.03	21.34 -1.21 7.69
CARR STREET_E_SYR 24060	48.91 -0.92 2.81	50.21 -0.81 0.00	42.33 -0.71 0.00	37.73 -0.61 0.00	39.72 -0.61 0.00	43.73 -0.61 0.00	48.38 -0.67 0.00	49.58 -0.69 0.00	52.11 -0.79 0.00	37.12 -0.66 0.00	32.44 -0.63 0.00	31.99 -0.64 0.00	29.65 -0.61 0.00	31.49 -0.62 0.00	29.57 -0.63 0.00	36.30 -0.71 0.00	42.27 -0.86 0.00	35.04 -0.77 0.00	36.21 -0.70 0.00	54.89 -0.88 0.00	52.93 -0.75 0.00	48.74 -0.68 0.00	33.66 -0.48 0.00	29.86 -0.38 0.00
CARTHAGE___PAPER 23857	51.68 -1.00 -0.05	49.78 -1.24 0.00	41.87 -1.18 0.00	37.44 -0.90 0.00	39.95 -0.38 0.00	43.94 -0.40 0.00	48.56 -0.48 0.00	49.62 -0.66 0.00	51.50 -1.39 0.00	36.57 -1.21 0.00	31.87 -1.20 0.00	31.36 -1.27 0.00	29.13 -1.13 0.00	30.90 -1.22 0.00	28.91 -1.29 0.00	35.38 -1.63 0.00	41.31 -1.82 0.00	34.41 -1.41 0.00	35.80 -1.12 0.00	55.09 -0.68 0.00	53.74 0.07 0.00	49.83 0.42 0.00	34.38 0.25 0.00	30.30 0.05 0.00
CASSADAGA_WT_PWR 323784	31.88 -3.37 17.38	48.27 -2.75 0.00	40.70 -2.35 0.00	36.56 -1.78 0.00	38.45 -1.88 0.00	42.58 -1.76 0.00	47.09 -1.96 0.00	46.18 -2.14 1.95	27.17 -2.77 22.96	18.36 -2.74 16.68	29.65 -2.64 0.78	30.15 -2.47 0.00	27.67 -2.39 0.20	30.09 -2.02 0.00	27.95 -2.24 0.00	34.00 -2.43 0.59	32.72 -2.78 7.63	33.30 -2.28 0.23	34.34 -2.50 0.08	35.19 -3.44 17.14	30.54 -3.13 20.01	40.42 -3.18 5.81	30.25 -2.13 1.76	26.49 -1.83 1.93
CE_DUNWOOD___DRP 24194	60.76 4.15 -3.97	54.82 3.80 0.00	46.07 3.02 0.00	40.83 2.49 0.00	42.81 2.47 0.00	47.05 2.70 0.00	52.25 3.21 0.00	53.95 3.67 0.00	56.87 3.97 0.00	40.72 2.93 0.00	38.22 2.77 -2.37	35.86 2.76 -0.47	37.74 2.64 -4.84	34.96 2.81 -0.04	34.09 2.69 -1.20	40.29 3.27 0.00	46.98 3.85 0.00	38.79 2.98 0.00	39.75 2.84 0.00	59.72 3.95 0.00	57.47 3.79 0.00	52.87 3.45 0.00	36.47 2.33 0.00	32.32 2.08 0.00
CE_MILLWOOD___DRP 24193	60.71 4.08 -4.00	54.75 3.74 0.00	46.01 2.96 0.00	40.77 2.44 0.00	42.74 2.41 0.00	46.99 2.65 0.00	52.17 3.13 0.00	53.86 3.58 0.00	56.78 3.88 0.00	40.65 2.87 0.00	38.25 2.71 -2.48	35.81 2.69 -0.49	37.89 2.57 -5.06	34.88 2.73 -0.04	34.06 2.61 -1.26	40.21 3.19 0.00	46.89 3.75 0.00	38.71 2.90 0.00	39.68 2.76 0.00	59.64 3.86 0.00	57.40 3.72 0.00	52.79 3.37 0.00	36.42 2.28 0.00	32.26 2.02 0.00
CE_NYC2_DRP 24202	60.87 4.27 -3.97	54.96 3.94 0.00	46.17 3.12 0.00	40.88 2.55 0.00	42.85 2.51 0.00	47.12 2.77 0.00	52.40 3.36 0.00	54.20 3.93 0.00	57.15 4.25 0.00	40.97 3.19 0.00	38.34 3.00 -2.27	36.08 3.00 -0.45	37.77 2.87 -4.64	35.26 3.11 -0.04	34.31 2.96 -1.15	40.58 3.57 0.00	47.31 4.18 0.00	39.04 3.23 0.00	39.94 3.02 0.00	59.98 4.21 0.00	57.65 3.97 0.00	53.04 3.62 0.00	36.63 2.49 0.00	32.52 2.27 0.00
CE_NYC_DRP 24195	60.99 4.38 -3.97	55.03 4.01 0.00	46.21 3.16 0.00	40.93 2.59 0.00	42.89 2.56 0.00	47.16 2.81 0.00	52.44 3.40 0.00	54.22 3.94 0.00	57.18 4.28 0.00	40.97 3.19 0.00	38.35 3.01 -2.27	36.07 3.00 -0.45	37.77 2.87 -4.64	35.23 3.08 -0.04	34.30 2.95 -1.15	40.59 3.57 0.00	47.30 4.17 0.00	39.06 3.25 0.00	39.96 3.04 0.00	60.01 4.24 0.00	57.70 4.02 0.00	53.06 3.64 0.00	36.62 2.49 0.00	32.49 2.24 0.00
CHAFFEE___LFGE 323603	31.47 -4.07 17.09	47.37 -3.65 0.00	39.95 -3.10 0.00	35.75 -2.59 0.00	37.62 -2.71 0.00	41.56 -2.79 0.00	45.83 -3.22 0.00	44.89 -3.42 1.96	26.05 -3.80 23.05	17.81 -3.23 16.74	29.23 -3.06 0.78	29.75 -2.87 0.00	27.33 -2.73 0.20	29.53 -2.58 0.00	27.48 -2.71 0.00	33.33 -3.08 0.60	31.82 -3.46 7.86	32.81 -2.76 0.24	33.99 -2.85 0.08	34.57 -4.01 17.19	30.03 -3.59 20.06	40.15 -3.44 5.83	29.91 -2.46 1.76	26.17 -2.15 1.93
CHATEAUG_35_KV_LOAD 355732	52.09 -0.54 0.00	50.39 -0.63 0.00	42.65 -0.40 0.00	38.05 -0.29 0.00	40.04 -0.29 0.00	44.15 -0.19 0.00	48.94 -0.10 0.00	50.04 -0.24 0.00	52.45 -0.45 0.00	37.44 -0.34 0.00	32.78 -0.29 0.00	32.36 -0.27 0.00	29.96 -0.30 0.00	31.79 -0.32 0.00	29.85 -0.35 0.00	36.49 -0.53 0.00	42.63 -0.50 0.00	35.65 -0.17 0.00	36.84 -0.08 0.00	55.70 -0.07 0.00	53.68 0.00 0.00	49.30 -0.11 0.00	33.99 -0.14 0.00	30.02 -0.22 0.00
CHATEAUG_WT_PWR 323614	52.14 -0.50 0.00	50.46 -0.55 0.00	42.66 -0.38 0.00	38.06 -0.28 0.00	40.07 -0.26 0.00	44.19 -0.16 0.00	49.03 -0.02 0.00	50.19 -0.08 0.00	52.65 -0.24 0.00	37.56 -0.22 0.00	32.87 -0.20 0.00	32.44 -0.19 0.00	30.04 -0.22 0.00	31.87 -0.24 0.00	29.91 -0.29 0.00	36.59 -0.43 0.00	42.73 -0.40 0.00	35.74 -0.07 0.00	36.94 0.02 0.00	55.74 -0.03 0.00	53.65 -0.03 0.00	49.27 -0.15 0.00	33.97 -0.17 0.00	29.99 -0.25 0.00
CHAT_HIGH_FALL_HYD 323578	52.09 -0.54 0.00	50.39 -0.63 0.00	42.65 -0.40 0.00	38.05 -0.29 0.00	40.04 -0.29 0.00	44.15 -0.19 0.00	48.94 -0.10 0.00	50.04 -0.24 0.00	52.45 -0.45 0.00	37.44 -0.34 0.00	32.78 -0.29 0.00	32.36 -0.27 0.00	29.96 -0.30 0.00	31.79 -0.32 0.00	29.85 -0.35 0.00	36.49 -0.53 0.00	42.63 -0.50 0.00	35.65 -0.17 0.00	36.84 -0.08 0.00	55.70 -0.07 0.00	53.68 0.00 0.00	49.30 -0.11 0.00	33.99 -0.14 0.00	30.02 -0.22 0.00
CHAUTAUQUA___LFGE 323629	31.77 -3.66 17.20	48.06 -2.96 0.00	40.53 -2.52 0.00	36.33 -2.00 0.00	38.28 -2.06 0.00	42.29 -2.05 0.00	46.68 -2.36 0.00	45.67 -2.59 2.03	25.85 -3.23 23.82	17.52 -2.95 17.31	29.49 -2.77 0.81	30.07 -2.55 0.00	27.60 -2.46 0.20	29.98 -2.13 0.00	27.81 -2.39 0.00	33.81 -2.61 0.59	32.44 -2.95 7.74	33.16 -2.41 0.24	34.22 -2.61 0.08	34.35 -3.64 17.79	29.68 -3.23 20.76	40.23 -3.16 6.03	30.15 -2.16 1.82	26.38 -1.87 2.00
CHERRYST_13_KV_LD 356241	61.16 4.55 -3.97	55.19 4.17 0.00	46.34 3.30 0.00	41.05 2.71 0.00	43.02 2.69 0.00	47.31 2.96 0.00	52.61 3.56 0.00	54.38 4.10 0.00	57.35 4.45 0.00	41.11 3.32 0.00	38.46 3.12 -2.27	36.18 3.11 -0.45	37.88 2.98 -4.64	35.35 3.19 -0.04	34.40 3.05 -1.15	40.72 3.70 0.00	47.45 4.32 0.00	39.18 3.36 0.00	40.07 3.15 0.00	60.18 4.41 0.00	57.86 4.18 0.00	53.19 3.77 0.00	36.71 2.57 0.00	32.56 2.31 0.00

CHESTROR_138KV_BK263 355645	60.44 3.59 -4.22	54.28 3.26 0.00	45.65 2.60 0.00	40.49 2.16 0.00	42.47 2.13 0.00	46.69 2.34 0.00	51.79 2.75 0.00	53.40 3.12 0.00	56.27 3.38 0.00	40.27 2.49 0.00	32.82 2.33 2.58	34.43 2.32 0.51	27.22 2.22 5.26	34.42 2.35 0.04	31.13 2.23 1.30	39.75 2.73 0.00	46.37 3.24 0.00	38.32 2.50 0.00	39.32 2.41 0.00	59.13 3.37 0.00	56.97 3.30 0.00	52.40 2.98 0.00	36.16 2.02 0.00	32.02 1.77 0.00
CH_MIDHUDSON___DRP 24192	60.34 3.83 -3.87	54.56 3.54 0.00	45.86 2.82 0.00	40.68 2.34 0.00	42.68 2.34 0.00	46.89 2.54 0.00	51.98 2.94 0.00	53.63 3.36 0.00	56.56 3.66 0.00	40.49 2.70 0.00	35.58 2.51 0.00	35.12 2.49 0.00	32.65 2.40 0.00	34.65 2.54 0.00	32.61 2.42 0.00	40.00 2.98 0.00	46.66 3.53 0.00	38.62 2.80 0.00	39.62 2.70 0.00	59.54 3.77 0.00	57.37 3.69 0.00	52.76 3.35 0.00	36.39 2.26 0.00	32.21 1.96 0.00
CH_MISC_IPPS 23765	60.82 4.22 -3.96	54.91 3.89 0.00	46.14 3.10 0.00	40.92 2.58 0.00	42.92 2.59 0.00	47.17 2.83 0.00	52.33 3.29 0.00	54.01 3.73 0.00	56.91 4.02 0.00	40.73 2.94 0.00	35.79 2.73 0.00	35.34 2.72 0.00	32.85 2.59 0.00	34.87 2.76 0.00	32.81 2.61 0.00	40.22 3.20 0.00	46.95 3.82 0.00	38.85 3.03 0.00	39.86 2.95 0.00	59.92 4.15 0.00	57.73 4.05 0.00	53.08 3.66 0.00	36.60 2.46 0.00	32.38 2.13 0.00
CH_RES_BVR_FALLS 23983	52.40 -0.23 0.00	50.74 -0.28 0.00	42.84 -0.20 0.00	38.18 -0.15 0.00	40.19 -0.15 0.00	44.21 -0.13 0.00	48.92 -0.13 0.00	50.14 -0.14 0.00	52.70 -0.20 0.00	37.65 -0.14 0.00	32.95 -0.12 0.00	32.53 -0.10 0.00	30.15 -0.11 0.00	31.99 -0.12 0.00	30.07 -0.13 0.00	36.82 -0.19 0.00	42.94 -0.19 0.00	35.74 -0.08 0.00	36.86 -0.06 0.00	55.67 -0.10 0.00	53.57 -0.11 0.00	49.28 -0.13 0.00	34.03 -0.11 0.00	30.12 -0.13 0.00
CH_RES_NIAGARA 23895	32.64 -5.21 14.78	46.09 -4.93 0.00	38.86 -4.19 0.00	34.78 -3.55 0.00	36.54 -3.80 0.00	40.38 -3.97 0.00	44.39 -4.65 0.00	43.66 -5.05 1.56	29.44 -5.43 18.03	20.43 -4.26 13.10	28.52 -3.94 0.61	28.90 -3.72 0.00	26.60 -3.51 0.15	28.69 -3.42 0.00	26.76 -3.44 0.00	32.18 -4.19 0.64	29.50 -5.16 8.48	31.57 -3.99 0.26	32.70 -4.15 0.07	35.40 -6.41 13.96	31.45 -5.94 16.29	39.32 -5.38 4.72	29.08 -3.62 1.44	25.56 -3.13 1.56
CH_RES_SYRACUSE 23985	47.71 -0.66 4.26	50.48 -0.54 0.00	42.57 -0.48 0.00	37.93 -0.41 0.00	39.93 -0.40 0.00	43.96 -0.38 0.00	48.61 -0.43 0.00	49.78 -0.50 0.00	52.24 -0.66 0.00	37.18 -0.61 0.00	32.46 -0.60 0.00	31.98 -0.65 0.00	29.59 -0.67 0.00	31.44 -0.67 0.00	29.52 -0.68 0.00	36.38 -0.63 0.00	42.45 -0.68 0.00	35.19 -0.62 0.00	36.40 -0.51 0.00	55.20 -0.58 0.00	53.23 -0.45 0.00	49.03 -0.38 0.00	33.86 -0.28 0.00	30.04 -0.21 0.00
CLINTON_WT_PWR 323605	52.14 -0.50 0.00	50.46 -0.55 0.00	42.66 -0.38 0.00	38.06 -0.28 0.00	40.07 -0.26 0.00	44.19 -0.16 0.00	49.03 -0.02 0.00	50.19 -0.08 0.00	52.65 -0.24 0.00	37.56 -0.22 0.00	32.87 -0.20 0.00	32.44 -0.19 0.00	30.04 -0.22 0.00	31.87 -0.24 0.00	29.91 -0.29 0.00	36.59 -0.43 0.00	42.73 -0.40 0.00	35.74 -0.07 0.00	36.94 0.02 0.00	55.74 -0.03 0.00	53.65 -0.03 0.00	49.27 -0.15 0.00	33.97 -0.17 0.00	29.99 -0.25 0.00
CLINTON___LFGE 323618	52.84 0.21 0.00	51.25 0.23 0.00	43.22 0.17 0.00	38.61 0.28 0.00	40.68 0.35 0.00	44.87 0.53 0.00	49.82 0.78 0.00	50.94 0.66 0.00	53.38 0.48 0.00	37.99 0.21 0.00	33.19 0.12 0.00	32.79 0.16 0.00	30.36 0.11 0.00	32.25 0.13 0.00	30.25 0.05 0.00	37.10 0.09 0.00	43.36 0.23 0.00	36.28 0.47 0.00	37.53 0.61 0.00	56.67 0.90 0.00	54.65 0.98 0.00	50.24 0.83 0.00	34.69 0.56 0.00	30.57 0.33 0.00
COBBLENY_34_KV_TB1 80064	31.54 -4.01 17.09	47.38 -3.64 0.00	39.95 -3.10 0.00	35.75 -2.58 0.00	37.62 -2.71 0.00	41.55 -2.79 0.00	45.82 -3.23 0.00	44.89 -3.43 1.96	25.93 -3.92 23.05	17.75 -3.29 16.74	29.21 -3.07 0.78	29.74 -2.88 0.00	27.29 -2.77 0.20	29.51 -2.60 0.00	27.48 -2.72 0.00	33.31 -3.10 0.60	31.75 -3.52 7.86	32.81 -2.77 0.24	33.98 -2.85 0.08	34.51 -4.07 17.19	29.96 -3.66 20.06	40.14 -3.45 5.83	29.93 -2.44 1.76	26.17 -2.15 1.93
COFFEEN___115KV_TB3 355620	51.73 -0.96 -0.06	49.80 -1.22 0.00	41.85 -1.20 0.00	37.40 -0.94 0.00	39.91 -0.42 0.00	43.94 -0.41 0.00	48.57 -0.48 0.00	49.56 -0.72 0.00	51.31 -1.59 0.00	36.41 -1.37 0.00	31.71 -1.36 0.00	31.18 -1.45 0.00	28.96 -1.30 0.00	30.73 -1.39 0.00	28.76 -1.44 0.00	35.24 -1.77 0.00	41.15 -1.98 0.00	34.25 -1.57 0.00	35.67 -1.25 0.00	55.12 -0.65 0.00	53.93 0.25 0.00	50.00 0.59 0.00	34.43 0.30 0.00	30.35 0.11 0.00
COLDSPRG_115KV_BK1 355956	32.07 -2.89 17.68	48.66 -2.36 0.00	41.06 -1.99 0.00	36.79 -1.55 0.00	38.78 -1.56 0.00	42.81 -1.53 0.00	47.37 -1.67 0.00	46.66 -1.79 1.84	28.96 -2.35 21.59	19.82 -2.28 15.68	30.13 -2.21 0.73	30.66 -1.97 0.00	28.16 -1.91 0.18	30.50 -1.61 0.00	28.34 -1.86 0.00	34.49 -1.95 0.57	33.42 -2.25 7.47	33.70 -1.89 0.23	34.79 -2.05 0.07	37.00 -2.66 16.12	32.49 -2.37 18.81	41.60 -2.35 5.46	30.82 -1.66 1.65	26.98 -1.45 1.81
COLONIE_LFGE___ 323577	55.82 2.09 -1.10	53.13 2.11 0.00	44.74 1.69 0.00	39.85 1.51 0.00	41.90 1.57 0.00	45.92 1.58 0.00	50.69 1.65 0.00	52.05 1.78 0.00	54.60 1.70 0.00	39.06 1.28 0.00	34.16 1.10 0.00	33.70 1.07 0.00	31.30 1.04 0.00	33.12 1.01 0.00	31.26 1.06 0.00	38.41 1.38 0.00	44.77 1.64 0.00	37.18 1.36 0.00	38.22 1.30 0.00	57.66 1.89 0.00	55.81 2.14 0.00	51.40 1.99 0.00	35.56 1.42 0.00	31.44 1.20 0.00
COOPERNY_115KV_TB1 80082	61.62 3.05 -5.93	53.81 2.79 0.00	45.28 2.24 0.00	40.20 1.86 0.00	42.17 1.84 0.00	46.35 2.01 0.00	51.36 2.32 0.00	52.92 2.65 0.00	55.78 2.88 0.00	39.93 2.14 0.00	33.68 2.01 1.40	34.34 2.00 0.28	29.31 1.91 2.86	34.09 2.01 0.02	31.40 1.91 0.71	39.36 2.35 0.00	45.91 2.78 0.00	37.98 2.17 0.00	39.02 2.10 0.00	58.73 2.96 0.00	56.55 2.87 0.00	52.02 2.60 0.00	35.89 1.76 0.00	31.78 1.54 0.00
COPENHAGEN_WT_PWR 323753	51.33 -1.36 -0.06	49.38 -1.64 0.00	41.48 -1.56 0.00	37.08 -1.26 0.00	39.64 -0.70 0.00	43.61 -0.73 0.00	48.26 -0.78 0.00	49.28 -0.99 0.00	51.22 -1.68 0.00	36.39 -1.40 0.00	31.70 -1.37 0.00	31.20 -1.43 0.00	28.98 -1.28 0.00	30.74 -1.37 0.00	28.78 -1.42 0.00	35.26 -1.76 0.00	41.15 -1.98 0.00	34.23 -1.58 0.00	35.60 -1.31 0.00	54.78 -0.99 0.00	53.50 -0.18 0.00	49.66 0.25 0.00	34.21 0.08 0.00	30.16 -0.09 0.00
CORNELL_____ 23752	44.96 -0.03 7.65	51.21 0.19 0.00	43.18 0.14 0.00	38.49 0.15 0.00	40.56 0.23 0.00	44.69 0.35 0.00	49.46 0.41 0.00	51.21 0.32 -0.61	60.37 0.26 -7.22	43.05 0.01 -5.25	33.13 -0.19 -0.24	32.37 -0.25 0.00	29.99 -0.33 -0.06	31.86 -0.25 0.00	29.86 -0.34 0.00	36.70 -0.32 0.00	42.77 -0.36 0.00	35.46 -0.36 0.00	36.81 -0.12 -0.02	61.64 0.46 -5.41	60.70 0.71 -6.31	51.93 0.68 -1.83	35.07 0.38 -0.55	31.17 0.32 -0.61

CORONA V_69_KV_TB1 355595	61.29 4.69 -3.97	55.62 4.60 0.00	46.71 3.67 0.00	41.35 3.02 0.00	43.30 2.96 0.00	47.64 3.29 0.00	52.89 3.85 0.00	54.51 4.24 0.00	57.44 4.54 0.00	41.19 3.40 0.00	39.58 3.33 -3.18	98.68 3.34 -62.71	45.07 3.17 -11.64	53.04 3.39 -17.53	80.10 3.23 -46.68	53.63 3.94 -12.68	50.19 4.65 -2.41	39.33 3.52 0.00	40.36 3.44 0.00	60.57 4.80 0.00	58.17 4.49 0.00	53.53 4.12 0.00	36.77 2.64 0.00	32.72 2.48 0.00
CORTLAND_115KV_TB3 80093	49.11 -0.10 3.42	51.10 0.08 0.00	43.09 0.04 0.00	38.40 0.06 0.00	40.46 0.13 0.00	44.56 0.21 0.00	49.27 0.23 0.00	50.64 0.17 -0.20	55.37 0.14 -2.33	39.44 -0.04 -1.70	33.00 -0.15 -0.08	32.44 -0.19 0.00	30.06 -0.22 -0.02	31.97 -0.15 0.00	29.98 -0.22 0.00	36.83 -0.19 0.00	42.90 -0.23 0.00	35.57 -0.25 0.00	36.81 -0.11 -0.01	57.81 0.29 -1.75	56.18 0.46 -2.04	50.45 0.44 -0.59	34.57 0.26 -0.18	30.67 0.23 -0.20
COXSACKIE___GT 23611	56.93 3.25 -1.05	54.17 3.15 0.00	45.65 2.60 0.00	40.67 2.33 0.00	42.76 2.43 0.00	46.96 2.62 0.00	51.94 2.90 0.00	53.22 2.94 0.00	55.65 2.76 0.00	39.84 2.05 0.00	34.79 1.72 0.00	33.96 1.33 0.00	31.59 1.33 0.00	33.36 1.24 0.00	31.50 1.30 0.00	38.85 1.83 0.00	45.52 2.39 0.00	37.88 2.06 0.00	39.00 2.09 0.00	58.83 3.06 0.00	57.09 3.42 0.00	52.55 3.14 0.00	36.31 2.17 0.00	32.06 1.81 0.00
CPV_VALLEY___CC1 323721	60.20 3.13 -4.44	53.85 2.83 0.00	45.30 2.25 0.00	40.20 1.87 0.00	42.17 1.84 0.00	46.34 1.99 0.00	51.37 2.33 0.00	52.96 2.69 0.00	55.81 2.91 0.00	39.97 2.18 0.00	33.30 2.07 1.83	34.32 2.05 0.36	28.48 1.96 3.74	34.16 2.08 0.03	31.26 1.99 0.93	39.45 2.43 0.00	45.99 2.86 0.00	38.03 2.21 0.00	39.01 2.10 0.00	58.65 2.88 0.00	56.49 2.82 0.00	51.97 2.56 0.00	35.89 1.76 0.00	31.79 1.54 0.00
CPV_VALLEY___CC2 323722	60.20 3.13 -4.44	53.85 2.83 0.00	45.30 2.25 0.00	40.20 1.87 0.00	42.17 1.84 0.00	46.34 1.99 0.00	51.37 2.33 0.00	52.96 2.69 0.00	55.81 2.91 0.00	39.97 2.18 0.00	33.30 2.07 1.83	34.32 2.05 0.36	28.48 1.96 3.74	34.16 2.08 0.03	31.26 1.99 0.93	39.45 2.43 0.00	45.99 2.86 0.00	38.03 2.21 0.00	39.01 2.10 0.00	58.65 2.88 0.00	56.49 2.82 0.00	51.97 2.56 0.00	35.89 1.76 0.00	31.79 1.54 0.00
CRESCENT___HYD 24018	55.82 2.09 -1.10	53.13 2.11 0.00	44.74 1.69 0.00	39.85 1.51 0.00	41.90 1.57 0.00	45.92 1.58 0.00	50.69 1.65 0.00	52.05 1.78 0.00	54.60 1.70 0.00	39.06 1.28 0.00	34.16 1.10 0.00	33.70 1.07 0.00	31.30 1.04 0.00	33.12 1.01 0.00	31.26 1.06 0.00	38.41 1.38 0.00	44.77 1.64 0.00	37.18 1.36 0.00	38.22 1.30 0.00	57.66 1.89 0.00	55.81 2.14 0.00	51.40 1.99 0.00	35.56 1.42 0.00	31.44 1.20 0.00
CRICKET___VALLEY_CC1 323756	59.96 3.54 -3.79	54.24 3.23 0.00	45.59 2.54 0.00	40.41 2.07 0.00	42.41 2.07 0.00	46.59 2.24 0.00	51.63 2.58 0.00	53.27 3.00 0.00	56.09 3.19 0.00	40.16 2.38 0.00	35.95 2.25 -0.63	35.00 2.24 -0.13	33.72 2.17 -1.29	34.43 2.30 -0.01	32.70 2.18 -0.32	39.71 2.69 0.00	46.32 3.19 0.00	38.37 2.56 0.00	39.34 2.42 0.00	59.02 3.25 0.00	56.90 3.23 0.00	52.36 2.95 0.00	36.14 2.00 0.00	31.95 1.71 0.00
CRICKET___VALLEY_CC2 323757	59.96 3.54 -3.79	54.24 3.23 0.00	45.59 2.54 0.00	40.41 2.07 0.00	42.41 2.07 0.00	46.59 2.24 0.00	51.63 2.58 0.00	53.27 3.00 0.00	56.09 3.19 0.00	40.16 2.38 0.00	35.95 2.25 -0.63	35.00 2.24 -0.13	33.72 2.17 -1.29	34.43 2.30 -0.01	32.70 2.18 -0.32	39.71 2.69 0.00	46.32 3.19 0.00	38.37 2.56 0.00	39.34 2.42 0.00	59.02 3.25 0.00	56.90 3.23 0.00	52.36 2.95 0.00	36.14 2.00 0.00	31.95 1.71 0.00
CRICKET___VALLEY_CC3 323758	59.96 3.54 -3.79	54.24 3.23 0.00	45.59 2.54 0.00	40.41 2.07 0.00	42.41 2.07 0.00	46.59 2.24 0.00	51.63 2.58 0.00	53.27 3.00 0.00	56.09 3.19 0.00	40.16 2.38 0.00	35.95 2.25 -0.63	35.00 2.24 -0.13	33.72 2.17 -1.29	34.43 2.30 -0.01	32.70 2.18 -0.32	39.71 2.69 0.00	46.32 3.19 0.00	38.37 2.56 0.00	39.34 2.42 0.00	59.02 3.25 0.00	56.90 3.23 0.00	52.36 2.95 0.00	36.14 2.00 0.00	31.95 1.71 0.00
CRUCIBLE_METL_DRP 24180	47.72 -0.65 4.26	50.47 -0.55 0.00	42.57 -0.48 0.00	37.93 -0.41 0.00	39.93 -0.40 0.00	43.97 -0.38 0.00	48.62 -0.42 0.00	49.78 -0.50 0.00	52.23 -0.67 0.00	37.18 -0.60 0.00	32.46 -0.60 0.00	31.98 -0.64 0.00	29.59 -0.67 0.00	31.44 -0.67 0.00	29.52 -0.68 0.00	36.39 -0.63 0.00	42.45 -0.68 0.00	35.19 -0.62 0.00	36.40 -0.51 0.00	55.20 -0.57 0.00	53.23 -0.45 0.00	49.03 -0.38 0.00	33.86 -0.28 0.00	30.04 -0.20 0.00
DAHOWA___HYDRO 323763	56.83 3.08 -1.11	54.06 3.04 0.00	45.46 2.42 0.00	40.51 2.17 0.00	42.65 2.31 0.00	46.81 2.46 0.00	51.70 2.66 0.00	53.03 2.76 0.00	55.46 2.56 0.00	39.61 1.82 0.00	34.53 1.46 0.00	33.98 1.35 0.00	31.57 1.31 0.00	33.36 1.25 0.00	31.48 1.29 0.00	38.89 1.87 0.00	45.39 2.26 0.00	37.72 1.91 0.00	38.81 1.89 0.00	58.85 3.08 0.00	57.04 3.36 0.00	52.51 3.10 0.00	36.25 2.12 0.00	32.02 1.77 0.00
DANC___LFGE 323619	51.41 -1.29 -0.07	49.57 -1.45 0.00	41.70 -1.35 0.00	37.23 -1.10 0.00	39.58 -0.76 0.00	43.54 -0.81 0.00	48.18 -0.87 0.00	49.25 -1.02 0.00	51.40 -1.50 0.00	36.54 -1.25 0.00	31.87 -1.20 0.00	31.38 -1.25 0.00	29.13 -1.13 0.00	30.92 -1.20 0.00	28.97 -1.23 0.00	35.50 -1.51 0.00	41.37 -1.76 0.00	34.40 -1.42 0.00	35.67 -1.24 0.00	54.57 -1.20 0.00	53.03 -0.65 0.00	49.14 -0.27 0.00	33.87 -0.27 0.00	29.94 -0.31 0.00
DANSKAMMER___1 23586	60.82 4.22 -3.96	54.91 3.89 0.00	46.14 3.10 0.00	40.92 2.58 0.00	42.92 2.59 0.00	47.17 2.83 0.00	52.33 3.29 0.00	54.01 3.73 0.00	56.91 4.02 0.00	40.73 2.94 0.00	35.79 2.73 0.00	35.34 2.72 0.00	32.85 2.59 0.00	34.87 2.76 0.00	32.81 2.61 0.00	40.22 3.20 0.00	46.95 3.82 0.00	38.85 3.03 0.00	39.86 2.95 0.00	59.92 4.15 0.00	57.73 4.05 0.00	53.08 3.66 0.00	36.60 2.46 0.00	32.38 2.13 0.00
DANSKAMMER___2 23589	60.82 4.22 -3.96	54.91 3.89 0.00	46.14 3.10 0.00	40.92 2.58 0.00	42.92 2.59 0.00	47.17 2.83 0.00	52.33 3.29 0.00	54.01 3.73 0.00	56.91 4.02 0.00	40.73 2.94 0.00	35.79 2.73 0.00	35.34 2.72 0.00	32.85 2.59 0.00	34.87 2.76 0.00	32.81 2.61 0.00	40.22 3.20 0.00	46.95 3.82 0.00	38.85 3.03 0.00	39.86 2.95 0.00	59.92 4.15 0.00	57.73 4.05 0.00	53.08 3.66 0.00	36.60 2.46 0.00	32.38 2.13 0.00
DANSKAMMER___3 23590	60.82 4.22 -3.96	54.91 3.89 0.00	46.14 3.10 0.00	40.92 2.58 0.00	42.92 2.59 0.00	47.17 2.83 0.00	52.33 3.29 0.00	54.01 3.73 0.00	56.91 4.02 0.00	40.73 2.94 0.00	35.79 2.73 0.00	35.34 2.72 0.00	32.85 2.59 0.00	34.87 2.76 0.00	32.81 2.61 0.00	40.22 3.20 0.00	46.95 3.82 0.00	38.85 3.03 0.00	39.86 2.95 0.00	59.92 4.15 0.00	57.73 4.05 0.00	53.08 3.66 0.00	36.60 2.46 0.00	32.38 2.13 0.00

DANSKAMMER___4 23591	60.82 4.22 -3.96	54.91 3.89 0.00	46.14 3.10 0.00	40.92 2.58 0.00	42.92 2.59 0.00	47.17 2.83 0.00	52.33 3.29 0.00	54.01 3.73 0.00	56.91 4.02 0.00	40.73 2.94 0.00	35.79 2.73 0.00	35.34 2.72 0.00	32.85 2.59 0.00	34.87 2.76 0.00	32.81 2.61 0.00	40.22 3.20 0.00	46.95 3.82 0.00	38.85 3.03 0.00	39.86 2.95 0.00	59.92 4.15 0.00	57.73 4.05 0.00	53.08 3.66 0.00	36.60 2.46 0.00	32.38 2.13 0.00
DANSKAMMER___DIESEL 23592	60.82 4.22 -3.96	54.91 3.89 0.00	46.15 3.10 0.00	40.92 2.58 0.00	42.92 2.59 0.00	47.18 2.83 0.00	52.33 3.29 0.00	54.01 3.73 0.00	56.92 4.02 0.00	40.73 2.94 0.00	35.80 2.74 0.00	35.34 2.72 0.00	32.86 2.60 0.00	34.88 2.77 0.00	32.80 2.61 0.00	40.22 3.21 0.00	46.96 3.83 0.00	38.84 3.03 0.00	39.86 2.95 0.00	59.93 4.16 0.00	57.73 4.05 0.00	53.08 3.67 0.00	36.60 2.46 0.00	32.38 2.14 0.00
DARBY___SOLAR 323810	56.61 2.86 -1.11	53.86 2.84 0.00	45.32 2.27 0.00	40.37 2.03 0.00	42.49 2.15 0.00	46.62 2.28 0.00	51.47 2.43 0.00	52.81 2.53 0.00	55.26 2.36 0.00	39.49 1.70 0.00	34.42 1.35 0.00	33.89 1.26 0.00	31.47 1.21 0.00	33.28 1.17 0.00	31.41 1.21 0.00	38.75 1.73 0.00	45.22 2.09 0.00	37.58 1.76 0.00	38.65 1.74 0.00	58.57 2.80 0.00	56.73 3.05 0.00	52.25 2.83 0.00	36.08 1.94 0.00	31.87 1.63 0.00
DASHVILLE___HYD 23610	60.00 3.46 -3.91	54.21 3.19 0.00	45.59 2.54 0.00	40.43 2.09 0.00	42.41 2.08 0.00	46.61 2.27 0.00	51.67 2.63 0.00	53.27 3.00 0.00	56.14 3.24 0.00	40.17 2.39 0.00	35.31 2.24 0.00	34.83 2.20 0.00	32.42 2.16 0.00	34.40 2.29 0.00	32.32 2.12 0.00	39.65 2.63 0.00	46.29 3.16 0.00	38.31 2.50 0.00	39.31 2.39 0.00	59.11 3.34 0.00	56.94 3.26 0.00	52.38 2.96 0.00	36.13 2.00 0.00	31.99 1.74 0.00
DELAWARE___LFGE 323621	64.80 1.37 -10.79	52.39 1.37 0.00	44.25 1.20 0.00	39.34 1.00 0.00	41.38 1.04 0.00	45.53 1.18 0.00	50.48 1.44 0.00	51.61 1.34 0.00	54.35 1.46 0.00	38.84 1.06 0.00	33.62 0.96 0.41	33.49 0.95 0.08	30.32 0.91 0.84	33.07 0.97 0.01	30.89 0.88 0.18	38.10 1.08 0.00	44.45 1.32 0.00	36.85 1.04 0.00	37.99 1.08 0.00	57.51 1.74 0.00	55.39 1.71 0.00	50.99 1.58 0.00	35.17 1.03 0.00	31.13 0.89 0.00
DERFIELD_115KV_TB7 355931	52.96 0.33 0.00	51.34 0.31 0.00	43.30 0.26 0.00	38.56 0.23 0.00	40.58 0.24 0.00	44.59 0.24 0.00	49.29 0.25 0.00	50.53 0.25 0.00	53.14 0.24 0.00	37.97 0.19 0.00	33.23 0.16 0.00	32.77 0.14 0.00	30.41 0.15 0.00	32.26 0.15 0.00	30.35 0.15 0.00	37.20 0.18 0.00	43.32 0.19 0.00	35.95 0.13 0.00	37.04 0.12 0.00	55.98 0.20 0.00	53.95 0.27 0.00	49.67 0.25 0.00	34.34 0.20 0.00	30.43 0.18 0.00
DOGLEVILLE___HYD 23807	55.88 3.24 0.00	54.60 3.58 0.00	46.10 3.06 0.00	41.03 2.70 0.00	43.18 2.85 0.00	47.30 2.95 0.00	51.83 2.79 0.00	52.91 2.64 0.00	54.97 2.07 0.00	39.99 2.21 0.00	34.67 1.60 0.00	33.93 1.31 0.00	31.13 0.87 0.00	33.12 1.01 0.00	31.28 1.08 0.00	38.15 1.14 0.00	44.69 1.56 0.00	37.04 1.23 0.00	38.02 1.11 0.00	58.26 2.48 0.00	56.95 3.27 0.00	52.56 3.14 0.00	36.44 2.31 0.00	32.11 1.87 0.00
DUNKIRK___115KV_TB_200 55889	31.78 -3.67 17.18	48.00 -3.02 0.00	40.49 -2.56 0.00	36.29 -2.05 0.00	38.23 -2.10 0.00	42.25 -2.10 0.00	46.59 -2.45 0.00	45.58 -2.66 2.03	25.65 -3.34 23.91	17.41 -3.01 17.37	29.46 -2.80 0.81	30.05 -2.57 0.00	27.56 -2.49 0.20	29.96 -2.15 0.00	27.79 -2.41 0.00	33.79 -2.63 0.59	32.40 -2.98 7.75	33.15 -2.43 0.24	34.21 -2.63 0.08	34.25 -3.67 17.85	29.55 -3.29 20.84	40.17 -3.19 6.05	30.14 -2.17 1.83	26.36 -1.88 2.01
DUNKIRK___1 23563	31.78 -3.67 17.18	48.00 -3.02 0.00	40.49 -2.56 0.00	36.29 -2.05 0.00	38.23 -2.10 0.00	42.25 -2.10 0.00	46.59 -2.45 0.00	45.58 -2.66 2.03	25.65 -3.34 23.91	17.41 -3.01 17.37	29.46 -2.80 0.81	30.05 -2.57 0.00	27.56 -2.49 0.20	29.96 -2.15 0.00	27.79 -2.41 0.00	33.79 -2.63 0.59	32.40 -2.98 7.75	33.15 -2.43 0.24	34.21 -2.63 0.08	34.25 -3.67 17.85	29.55 -3.29 20.84	40.17 -3.19 6.05	30.14 -2.17 1.83	26.36 -1.88 2.01
DUNKIRK___2 23564	31.78 -3.67 17.18	48.00 -3.02 0.00	40.49 -2.56 0.00	36.29 -2.05 0.00	38.23 -2.10 0.00	42.25 -2.10 0.00	46.59 -2.45 0.00	45.58 -2.66 2.03	25.65 -3.34 23.91	17.41 -3.01 17.37	29.46 -2.80 0.81	30.05 -2.57 0.00	27.56 -2.49 0.20	29.96 -2.15 0.00	27.79 -2.41 0.00	33.79 -2.63 0.59	32.40 -2.98 7.75	33.15 -2.43 0.24	34.21 -2.63 0.08	34.25 -3.67 17.85	29.55 -3.29 20.84	40.17 -3.19 6.05	30.14 -2.17 1.83	26.36 -1.88 2.01
DUNKIRK___3 23565	31.59 -3.85 17.19	47.75 -3.28 0.00	40.27 -2.78 0.00	36.07 -2.27 0.00	38.00 -2.33 0.00	41.96 -2.39 0.00	46.26 -2.78 0.00	45.21 -2.99 2.07	24.95 -3.61 24.34	16.97 -3.14 17.68	29.33 -2.91 0.83	29.95 -2.68 0.00	27.47 -2.58 0.21	29.81 -2.30 0.00	27.67 -2.52 0.00	33.64 -2.78 0.59	32.25 -3.15 7.73	33.00 -2.57 0.24	34.08 -2.76 0.08	33.70 -3.90 18.17	28.95 -3.52 21.21	39.88 -3.38 6.16	29.95 -2.32 1.86	26.20 -2.01 2.04
DUNKIRK___4 23566	31.59 -3.85 17.19	47.75 -3.28 0.00	40.27 -2.78 0.00	36.07 -2.27 0.00	38.00 -2.33 0.00	41.96 -2.39 0.00	46.26 -2.78 0.00	45.21 -2.99 2.07	24.95 -3.61 24.34	16.97 -3.14 17.68	29.33 -2.91 0.83	29.95 -2.68 0.00	27.47 -2.58 0.21	29.81 -2.30 0.00	27.67 -2.52 0.00	33.64 -2.78 0.59	32.25 -3.15 7.73	33.00 -2.57 0.24	34.08 -2.76 0.08	33.70 -3.90 18.17	28.95 -3.52 21.21	39.88 -3.38 6.16	29.95 -2.32 1.86	26.20 -2.01 2.04
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	60.86 4.27 -3.97	54.93 3.91 0.00	46.16 3.12 0.00	40.89 2.56 0.00	42.86 2.52 0.00	47.13 2.78 0.00	52.34 3.30 0.00	54.05 3.77 0.00	56.98 4.08 0.00	40.82 3.03 0.00	38.21 2.87 -2.27	35.93 2.85 -0.45	37.62 2.73 -4.64	35.05 2.91 -0.04	34.12 2.78 -1.15	40.40 3.38 0.00	47.10 3.97 0.00	38.89 3.08 0.00	39.84 2.93 0.00	59.86 4.08 0.00	57.58 3.90 0.00	52.96 3.54 0.00	36.54 2.40 0.00	32.41 2.17 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	60.79 4.03 -4.12	54.70 3.68 0.00	45.98 2.93 0.00	40.76 2.43 0.00	42.74 2.41 0.00	47.00 2.65 0.00	52.15 3.11 0.00	53.82 3.55 0.00	56.72 3.82 0.00	40.59 2.80 0.00	34.54 2.61 1.14	34.99 2.59 0.23	30.41 2.47 2.32	34.72 2.63 0.02	32.09 2.47 0.58	40.04 3.02 0.00	46.73 3.60 0.00	38.64 2.82 0.00	39.65 2.73 0.00	59.62 3.85 0.00	57.41 3.74 0.00	52.81 3.39 0.00	36.42 2.29 0.00	32.23 1.99 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	60.76 4.16 -3.97	54.84 3.82 0.00	46.09 3.04 0.00	40.81 2.47 0.00	42.79 2.45 0.00	47.07 2.72 0.00	52.33 3.29 0.00	54.08 3.80 0.00	56.97 4.06 0.00	40.86 3.07 0.00	38.24 2.90 -2.27	36.01 2.93 -0.45	37.67 2.78 -4.64	35.19 3.04 -0.04	34.20 2.85 -1.15	40.44 3.42 0.00	47.16 4.03 0.00	38.90 3.09 0.00	39.78 2.86 0.00	59.83 4.06 0.00	57.52 3.84 0.00	52.92 3.50 0.00	36.54 2.41 0.00	32.46 2.22 0.00

E179THST_13_KV_LOAD 356214	61.04 4.44 -3.97	55.13 4.11 0.00	46.31 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.29 2.94 0.00	52.57 3.53 0.00	54.32 4.05 0.00	57.22 4.32 0.00	41.04 3.26 0.00	38.41 3.07 -2.27	36.16 3.09 -0.45	37.82 2.93 -4.64	35.35 3.20 -0.04	34.34 2.99 -1.15	40.63 3.61 0.00	47.37 4.24 0.00	39.08 3.26 0.00	39.96 3.05 0.00	60.11 4.33 0.00	57.78 4.10 0.00	53.16 3.75 0.00	36.70 2.57 0.00	32.58 2.33 0.00
EAST HAMPTON___GT 23717	62.18 5.57 -3.97	56.46 5.44 0.00	46.78 3.74 0.00	41.34 3.00 0.00	43.30 2.97 0.00	47.99 3.64 0.00	53.36 4.31 0.00	54.59 4.32 0.00	56.25 3.35 0.00	40.44 2.66 0.00	39.10 2.85 -3.18	98.75 3.41 -62.71	45.64 3.75 -11.64	54.52 4.88 -17.53	81.79 4.91 -46.68	56.00 6.31 -12.68	53.20 7.66 -2.42	41.63 5.81 0.00	42.31 5.39 0.00	63.15 7.37 -0.01	226.88 6.43 -166.77	54.98 5.56 0.00	37.99 3.86 0.00	34.00 3.76 0.00
EAST RIVER___6 23660	60.99 4.39 -3.97	55.00 3.98 0.00	46.19 3.14 0.00	40.92 2.58 0.00	42.88 2.54 0.00	47.14 2.80 0.00	52.45 3.41 0.00	54.24 3.96 0.00	57.19 4.29 0.00	40.99 3.21 0.00	38.36 3.02 -2.27	36.07 3.00 -0.45	37.78 2.88 -4.64	35.25 3.10 -0.04	34.32 2.97 -1.15	40.62 3.60 0.00	47.32 4.20 0.00	39.08 3.27 0.00	39.99 3.07 0.00	60.05 4.28 0.00	57.75 4.07 0.00	53.08 3.67 0.00	36.63 2.50 0.00	32.48 2.24 0.00
EAST RIVER___7 23524	60.99 4.39 -3.97	55.00 3.98 0.00	46.19 3.14 0.00	40.92 2.58 0.00	42.88 2.54 0.00	47.14 2.80 0.00	52.45 3.41 0.00	54.24 3.96 0.00	57.19 4.29 0.00	40.99 3.21 0.00	38.36 3.02 -2.27	36.07 3.00 -0.45	37.78 2.88 -4.64	35.25 3.10 -0.04	34.32 2.97 -1.15	40.62 3.60 0.00	47.32 4.20 0.00	39.08 3.27 0.00	39.99 3.07 0.00	60.05 4.28 0.00	57.75 4.07 0.00	53.08 3.67 0.00	36.63 2.50 0.00	32.48 2.24 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	60.76 4.15 -3.97	54.82 3.80 0.00	46.07 3.02 0.00	40.83 2.49 0.00	42.81 2.47 0.00	47.05 2.70 0.00	52.25 3.21 0.00	53.95 3.67 0.00	56.87 3.97 0.00	40.72 2.93 0.00	38.22 2.77 -2.37	35.86 2.76 -0.47	37.74 2.64 -4.84	34.96 2.81 -0.04	34.09 2.69 -1.20	40.29 3.27 0.00	46.98 3.85 0.00	38.79 2.98 0.00	39.75 2.84 0.00	59.72 3.95 0.00	57.47 3.79 0.00	52.87 3.45 0.00	36.47 2.33 0.00	32.32 2.08 0.00
EAST_HAMPTON___DIESEL 23722	62.17 5.57 -3.97	56.42 5.40 0.00	46.75 3.70 0.00	41.30 2.97 0.00	43.27 2.93 0.00	47.96 3.61 0.00	53.34 4.30 0.00	54.54 4.27 0.00	56.16 3.26 0.00	40.36 2.58 0.00	39.05 2.80 -3.18	98.70 3.37 -62.71	45.62 3.72 -11.64	54.52 4.87 -17.53	81.79 4.91 -46.68	56.01 6.31 -12.68	53.21 7.67 -2.42	41.64 5.82 0.00	42.32 5.40 0.00	63.15 7.37 -0.01	226.89 6.45 -166.77	54.99 5.57 0.00	38.00 3.86 0.00	34.01 3.77 0.00
EAST_POINT___SOLAR 323840	58.91 2.18 -4.09	53.14 2.12 0.00	44.84 1.80 0.00	39.92 1.59 0.00	42.06 1.72 0.00	46.38 2.03 0.00	51.14 2.10 0.00	51.24 0.97 0.00	53.31 0.41 0.00	38.38 0.60 0.00	33.10 0.03 0.00	32.36 -0.27 0.00	30.06 -0.19 0.00	31.78 -0.33 0.00	29.99 -0.21 0.00	36.80 -0.22 0.00	43.33 0.20 0.00	35.77 -0.04 0.00	36.80 -0.11 0.00	57.76 1.99 0.00	56.41 2.74 0.00	51.92 2.51 0.00	35.90 1.76 0.00	31.69 1.45 0.00
EAST_PULASKI___ESR 323781	48.89 -1.06 2.68	50.00 -1.02 0.00	42.34 -0.70 0.00	37.65 -0.69 0.00	39.60 -0.73 0.00	43.72 -0.63 0.00	48.38 -0.66 0.00	49.53 -0.75 0.00	52.03 -0.87 0.00	36.93 -0.86 0.00	32.32 -0.75 0.00	31.80 -0.83 0.00	29.56 -0.70 0.00	31.37 -0.74 0.00	29.38 -0.82 0.00	35.99 -1.02 0.00	41.89 -1.24 0.00	34.62 -1.19 0.00	35.82 -1.09 0.00	54.50 -1.27 0.00	52.65 -1.03 0.00	48.69 -0.72 0.00	33.58 -0.56 0.00	29.77 -0.47 0.00
EAST_RIVER___1 323558	60.99 4.39 -3.97	55.03 4.01 0.00	46.21 3.16 0.00	40.93 2.59 0.00	42.89 2.56 0.00	47.16 2.81 0.00	52.43 3.39 0.00	54.21 3.93 0.00	57.15 4.25 0.00	40.96 3.18 0.00	38.35 3.00 -2.27	36.07 2.99 -0.45	37.76 2.86 -4.64	35.23 3.08 -0.04	34.29 2.94 -1.15	40.58 3.56 0.00	47.30 4.17 0.00	39.06 3.25 0.00	39.96 3.04 0.00	60.01 4.24 0.00	57.69 4.02 0.00	53.05 3.63 0.00	36.63 2.49 0.00	32.49 2.24 0.00
EAST_RIVER___2 323559	60.99 4.39 -3.97	55.00 3.98 0.00	46.19 3.14 0.00	40.92 2.58 0.00	42.88 2.54 0.00	47.14 2.80 0.00	52.45 3.41 0.00	54.24 3.96 0.00	57.19 4.29 0.00	40.99 3.21 0.00	38.36 3.02 -2.27	36.07 3.00 -0.45	37.78 2.88 -4.64	35.25 3.10 -0.04	34.32 2.97 -1.15	40.62 3.60 0.00	47.32 4.20 0.00	39.08 3.27 0.00	39.99 3.07 0.00	60.05 4.28 0.00	57.75 4.07 0.00	53.08 3.67 0.00	36.63 2.50 0.00	32.48 2.24 0.00
EAST___DELAWARE_HYD 23607	60.53 2.93 -4.96	53.65 2.63 0.00	45.10 2.06 0.00	40.00 1.66 0.00	41.96 1.63 0.00	46.17 1.83 0.00	51.39 2.34 0.00	54.06 3.79 0.00	56.91 4.01 0.00	40.66 2.88 0.00	34.76 2.65 0.96	35.06 2.62 0.19	30.78 2.48 1.96	34.63 2.54 0.02	31.63 1.92 0.49	39.41 2.39 0.00	46.08 2.94 0.00	38.23 2.41 0.00	39.28 2.36 0.00	59.16 3.39 0.00	56.94 3.26 0.00	52.29 2.88 0.00	36.03 1.89 0.00	31.86 1.62 0.00
EIGHT_POINT___WT_PWR 323820	20.03 -3.16 29.44	48.27 -2.75 0.00	40.89 -2.16 0.00	36.67 -1.66 0.00	38.61 -1.72 0.00	42.75 -1.60 0.00	47.20 -1.84 0.00	54.07 -2.31 -6.10	121.29 -3.11 -71.49	86.90 -2.84 -51.95	32.73 -2.76 -2.42	30.05 -2.58 -0.01	28.48 -2.39 -0.61	29.90 -2.21 0.00	27.96 -2.24 0.00	34.30 -2.51 0.20	37.60 -2.89 2.65	33.42 -2.32 0.08	34.99 -2.09 -0.16	107.38 -1.98 -53.59	114.48 -1.74 -62.55	65.78 -1.79 -18.16	38.20 -1.43 -5.50	35.03 -1.24 -6.02
ELBRIDGE_115KV_TB2 80188	46.90 -0.93 4.81	50.22 -0.80 0.00	42.36 -0.69 0.00	37.74 -0.59 0.00	39.73 -0.60 0.00	43.75 -0.60 0.00	48.39 -0.65 0.00	49.57 -0.71 0.00	52.04 -0.86 0.00	37.08 -0.71 0.00	32.36 -0.71 0.00	31.93 -0.70 0.00	29.57 -0.69 0.00	31.43 -0.69 0.00	29.50 -0.69 0.00	36.26 -0.76 0.00	42.24 -0.89 0.00	35.03 -0.79 0.00	36.21 -0.71 0.00	54.87 -0.91 0.00	52.92 -0.75 0.00	48.79 -0.62 0.00	33.69 -0.44 0.00	29.87 -0.37 0.00
ELEC_TRO_TEK 24086	61.01 4.41 -3.97	55.39 4.37 0.00	46.54 3.49 0.00	41.20 2.86 0.00	43.14 2.80 0.00	47.46 3.12 0.00	52.68 3.64 0.00	54.31 4.04 0.00	57.27 4.37 0.00	41.07 3.29 0.00	39.47 3.22 -3.18	98.56 3.23 -62.71	44.96 3.06 -11.64	52.92 3.28 -17.53	80.00 3.12 -46.68	53.51 3.81 -12.68	50.03 4.49 -2.41	39.19 3.38 0.00	40.21 3.29 0.00	60.32 4.54 0.00	57.91 4.24 0.00	53.33 3.92 0.00	36.64 2.51 0.00	32.61 2.37 0.00
ELLENBURG_WT_PWR 323604	52.14 -0.50 0.00	50.46 -0.55 0.00	42.66 -0.38 0.00	38.06 -0.28 0.00	40.07 -0.26 0.00	44.19 -0.16 0.00	49.03 -0.02 0.00	50.19 -0.08 0.00	52.65 -0.24 0.00	37.56 -0.22 0.00	32.87 -0.20 0.00	32.44 -0.19 0.00	30.04 -0.22 0.00	31.87 -0.24 0.00	29.91 -0.29 0.00	36.59 -0.43 0.00	42.73 -0.40 0.00	35.74 -0.07 0.00	36.94 0.02 0.00	55.74 -0.03 0.00	53.65 -0.03 0.00	49.27 -0.15 0.00	33.97 -0.17 0.00	29.99 -0.25 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.97 -4.42 16.25	46.93 -4.09 0.00	39.57 -3.48 0.00	35.41 -2.93 0.00	37.24 -3.09 0.00	41.15 -3.20 0.00	45.30 -3.74 0.00	44.23 -4.02 2.02	24.73 -4.45 23.72	16.91 -3.64 17.23	28.90 -3.36 0.80	29.47 -3.15 0.00	27.05 -3.01 0.20	29.23 -2.88 0.00	27.25 -2.94 0.00	33.00 -3.40 0.61	31.25 -3.93 7.95	32.48 -3.09 0.24	33.61 -3.23 0.08	33.30 -4.73 17.74	28.65 -4.31 20.71	39.36 -4.04 6.02	29.51 -2.80 1.82	25.83 -2.42 1.99
EMPIRE_CC_1 323656	55.07 1.38 -1.06	52.46 1.44 0.00	44.20 1.16 0.00	39.41 1.07 0.00	41.44 1.11 0.00	45.35 1.00 0.00	49.97 0.92 0.00	51.25 0.98 0.00	53.84 0.94 0.00	38.66 0.87 0.00	33.85 0.78 0.00	33.42 0.80 0.00	31.07 0.81 0.00	32.85 0.74 0.00	31.02 0.82 0.00	37.99 0.97 0.00	44.20 1.07 0.00	36.66 0.85 0.00	37.65 0.73 0.00	56.70 0.93 0.00	54.89 1.21 0.00	50.57 1.15 0.00	35.05 0.91 0.00	31.07 0.83 0.00
EMPIRE_CC_2 323658	55.07 1.38 -1.06	52.46 1.44 0.00	44.20 1.16 0.00	39.41 1.07 0.00	41.44 1.11 0.00	45.35 1.00 0.00	49.97 0.92 0.00	51.25 0.98 0.00	53.84 0.94 0.00	38.66 0.87 0.00	33.85 0.78 0.00	33.42 0.80 0.00	31.07 0.81 0.00	32.85 0.74 0.00	31.02 0.82 0.00	37.99 0.97 0.00	44.20 1.07 0.00	36.66 0.85 0.00	37.65 0.73 0.00	56.70 0.93 0.00	54.89 1.21 0.00	50.57 1.15 0.00	35.05 0.91 0.00	31.07 0.83 0.00
ENORWICH_115KV_TB1 80156	61.71 1.36 -7.71	53.12 2.10 0.00	44.86 1.82 0.00	39.95 1.61 0.00	42.31 1.97 0.00	46.84 2.50 0.00	51.74 2.70 0.00	53.18 2.61 -0.30	58.52 2.14 -3.48	41.78 1.45 -2.55	33.84 1.03 0.26	33.27 0.72 0.08	30.13 0.62 0.75	32.83 0.72 0.01	30.59 0.57 0.18	37.72 0.70 0.00	44.21 1.08 0.00	36.60 0.78 0.00	38.18 1.25 -0.01	61.77 3.40 -2.60	60.44 3.73 -3.03	53.68 3.38 -0.88	36.47 2.07 -0.27	32.24 1.71 -0.29
ERIE_ST__34_KV_TB1-2 80199	31.73 -4.17 16.74	47.12 -3.90 0.00	39.72 -3.32 0.00	35.55 -2.79 0.00	37.43 -2.90 0.00	41.32 -3.03 0.00	45.56 -3.49 0.00	44.69 -3.67 1.91	26.34 -4.02 22.54	18.08 -3.34 16.37	29.14 -3.17 0.77	29.65 -2.98 0.00	27.25 -2.83 0.19	29.41 -2.70 0.00	27.42 -2.78 0.00	33.26 -3.13 0.62	31.44 -3.57 8.12	32.72 -2.85 0.25	33.87 -2.97 0.08	34.79 -4.16 16.82	30.26 -3.79 19.63	40.11 -3.60 5.70	29.83 -2.58 1.72	26.09 -2.26 1.89
ERIE_WT_PWR 323693	31.73 -4.17 16.73	47.23 -3.79 0.00	39.82 -3.22 0.00	35.66 -2.67 0.00	37.52 -2.82 0.00	41.44 -2.90 0.00	45.66 -3.38 0.00	44.58 -3.64 2.06	24.67 -4.01 24.22	16.80 -3.39 17.59	29.07 -3.18 0.82	29.64 -2.99 0.00	27.23 -2.83 0.21	29.42 -2.69 0.00	27.41 -2.79 0.00	33.22 -3.17 0.62	31.47 -3.58 8.09	32.70 -2.87 0.25	33.85 -2.98 0.08	33.47 -4.25 18.06	28.79 -3.81 21.08	39.66 -3.64 6.12	29.72 -2.57 1.85	25.99 -2.22 2.03
ESPRGFLD_115KV_TB1 80157	59.45 1.09 -5.72	52.10 1.08 0.00	44.03 0.99 0.00	39.21 0.87 0.00	41.28 0.94 0.00	45.55 1.20 0.00	50.47 1.43 0.00	51.45 1.17 0.00	54.36 1.46 0.00	38.91 1.13 0.00	33.69 0.62 0.00	33.00 0.38 0.00	30.68 0.42 0.00	32.45 0.34 0.00	30.60 0.40 0.00	37.42 0.40 0.00	43.70 0.56 0.00	36.24 0.42 0.00	37.49 0.57 0.00	57.53 1.76 0.00	55.52 1.84 0.00	51.04 1.63 0.00	35.26 1.13 0.00	31.16 0.91 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	46.29 -0.07 6.27	51.18 0.16 0.00	43.15 0.11 0.00	38.46 0.12 0.00	40.53 0.20 0.00	44.65 0.30 0.00	49.41 0.37 0.00	51.05 0.27 -0.51	59.08 0.22 -5.96	42.11 -0.01 -4.34	33.09 -0.19 -0.20	32.38 -0.25 0.00	30.00 -0.31 -0.05	31.88 -0.24 0.00	29.87 -0.33 0.00	36.71 -0.30 0.00	42.79 -0.34 0.00	35.47 -0.34 0.00	36.81 -0.12 -0.01	60.64 0.40 -4.47	59.52 0.63 -5.21	51.54 0.62 -1.51	34.94 0.35 -0.46	31.03 0.28 -0.50
ETNA____115KV_TB2 80207	46.29 -0.07 6.27	51.18 0.16 0.00	43.15 0.11 0.00	38.46 0.12 0.00	40.53 0.20 0.00	44.65 0.30 0.00	49.41 0.37 0.00	51.05 0.27 -0.51	59.08 0.22 -5.96	42.11 -0.01 -4.34	33.09 -0.19 -0.20	32.38 -0.25 0.00	30.00 -0.31 -0.05	31.88 -0.24 0.00	29.87 -0.33 0.00	36.71 -0.30 0.00	42.79 -0.34 0.00	35.47 -0.34 0.00	36.81 -0.12 -0.01	60.64 0.40 -4.47	59.52 0.63 -5.21	51.54 0.62 -1.51	34.94 0.35 -0.46	31.03 0.28 -0.50
EUCLID__115KV_TB2 356179	48.61 -1.09 2.93	50.02 -1.00 0.00	42.18 -0.87 0.00	37.58 -0.76 0.00	39.56 -0.77 0.00	43.55 -0.80 0.00	48.17 -0.87 0.00	49.36 -0.91 0.00	51.87 -1.03 0.00	36.96 -0.83 0.00	32.30 -0.77 0.00	31.86 -0.77 0.00	29.53 -0.73 0.00	31.36 -0.75 0.00	29.46 -0.74 0.00	36.15 -0.86 0.00	42.09 -1.04 0.00	34.89 -0.93 0.00	36.03 -0.88 0.00	54.60 -1.17 0.00	52.64 -1.04 0.00	48.48 -0.93 0.00	33.49 -0.64 0.00	29.73 -0.51 0.00
E_CANADA_CAP_HY 24051	58.66 1.37 -4.65	52.34 1.32 0.00	44.20 1.15 0.00	39.38 1.05 0.00	41.47 1.14 0.00	45.73 1.38 0.00	50.55 1.50 0.00	51.33 1.05 0.00	53.81 0.91 0.00	38.46 0.68 0.00	33.33 0.26 0.00	32.65 0.03 0.00	30.34 0.09 0.00	32.07 -0.04 0.00	30.29 0.09 0.00	37.08 0.06 0.00	43.26 0.13 0.00	35.87 0.05 0.00	37.04 0.12 0.00	57.21 1.44 0.00	55.45 1.77 0.00	51.00 1.58 0.00	35.34 1.21 0.00	31.24 0.99 0.00
E_CANADA_MHWK_HY 24050	55.87 3.23 0.00	54.60 3.58 0.00	46.10 3.06 0.00	41.03 2.70 0.00	43.18 2.84 0.00	47.30 2.95 0.00	51.83 2.79 0.00	52.91 2.64 0.00	54.98 2.08 0.00	39.99 2.21 0.00	34.67 1.60 0.00	33.93 1.31 0.00	31.13 0.87 0.00	33.12 1.01 0.00	31.28 1.08 0.00	38.15 1.14 0.00	44.69 1.56 0.00	37.04 1.23 0.00	38.02 1.11 0.00	58.26 2.48 0.00	56.95 3.27 0.00	52.56 3.14 0.00	36.44 2.31 0.00	32.11 1.87 0.00
E_FISHKILL__LBMP 23776	60.10 3.59 -3.87	54.32 3.31 0.00	45.68 2.63 0.00	40.51 2.17 0.00	42.49 2.15 0.00	46.69 2.35 0.00	51.78 2.74 0.00	53.40 3.13 0.00	56.27 3.37 0.00	40.28 2.49 0.00	35.78 2.35 -0.36	35.04 2.34 -0.07	33.24 2.25 -0.74	34.50 2.38 -0.01	32.65 2.27 -0.18	39.81 2.79 0.00	46.42 3.29 0.00	38.38 2.57 0.00	39.36 2.45 0.00	59.14 3.37 0.00	56.97 3.30 0.00	52.42 3.00 0.00	36.17 2.04 0.00	32.03 1.79 0.00
FALCON__SEABRD_CC1 323796	52.95 0.32 0.00	51.41 0.39 0.00	43.31 0.26 0.00	38.69 0.36 0.00	40.76 0.43 0.00	44.96 0.61 0.00	49.94 0.90 0.00	51.08 0.81 0.00	53.63 0.73 0.00	38.17 0.38 0.00	33.35 0.28 0.00	32.95 0.33 0.00	30.54 0.28 0.00	32.41 0.30 0.00	30.39 0.19 0.00	37.30 0.28 0.00	43.60 0.47 0.00	36.47 0.65 0.00	37.70 0.78 0.00	56.82 1.04 0.00	54.76 1.08 0.00	50.35 0.93 0.00	34.76 0.62 0.00	30.62 0.37 0.00
FALCON__SEABRD_CC2 323797	52.95 0.32 0.00	51.41 0.39 0.00	43.31 0.26 0.00	38.69 0.36 0.00	40.76 0.43 0.00	44.96 0.61 0.00	49.94 0.90 0.00	51.08 0.81 0.00	53.63 0.73 0.00	38.17 0.38 0.00	33.35 0.28 0.00	32.95 0.33 0.00	30.54 0.28 0.00	32.41 0.30 0.00	30.39 0.19 0.00	37.30 0.28 0.00	43.60 0.47 0.00	36.47 0.65 0.00	37.70 0.78 0.00	56.82 1.04 0.00	54.76 1.08 0.00	50.35 0.93 0.00	34.76 0.62 0.00	30.62 0.37 0.00

FAR ROCKAWAY___4 23548	61.73 5.13 -3.97	56.04 5.02 0.00	47.05 4.01 0.00	41.64 3.31 0.00	43.60 3.27 0.00	47.97 3.62 0.00	53.25 4.21 0.00	54.91 4.63 0.00	57.86 4.96 0.00	41.49 3.71 0.00	39.87 3.62 -3.18	98.97 3.63 -62.71	45.34 3.44 -11.64	53.33 3.69 -17.53	80.36 3.48 -46.68	53.98 4.28 -12.68	50.60 5.06 -2.41	39.66 3.85 0.00	40.71 3.79 0.00	61.08 5.31 0.00	58.67 4.99 0.00	53.98 4.56 0.00	37.05 2.92 0.00	32.96 2.72 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	61.00 4.40 -3.97	55.05 4.03 0.00	46.23 3.18 0.00	40.95 2.61 0.00	42.90 2.57 0.00	47.17 2.83 0.00	52.45 3.41 0.00	54.24 3.96 0.00	57.20 4.30 0.00	40.99 3.20 0.00	38.37 3.02 -2.27	36.09 3.01 -0.45	37.78 2.88 -4.64	35.25 3.10 -0.04	34.31 2.96 -1.15	40.60 3.58 0.00	47.32 4.19 0.00	39.07 3.26 0.00	39.97 3.06 0.00	60.04 4.27 0.00	57.74 4.06 0.00	53.08 3.67 0.00	36.64 2.51 0.00	32.51 2.27 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	61.02 4.41 -3.97	55.06 4.05 0.00	46.23 3.18 0.00	40.95 2.61 0.00	42.90 2.57 0.00	47.17 2.83 0.00	52.45 3.41 0.00	54.23 3.96 0.00	57.19 4.29 0.00	40.97 3.19 0.00	38.36 3.01 -2.27	36.08 3.00 -0.45	37.77 2.87 -4.64	35.24 3.09 -0.04	34.29 2.95 -1.15	40.59 3.57 0.00	47.31 4.17 0.00	39.07 3.25 0.00	39.97 3.05 0.00	60.03 4.26 0.00	57.73 4.05 0.00	53.08 3.67 0.00	36.64 2.50 0.00	32.51 2.26 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	60.99 4.38 -3.97	55.03 4.01 0.00	46.20 3.16 0.00	40.92 2.59 0.00	42.89 2.56 0.00	47.16 2.81 0.00	52.43 3.39 0.00	54.22 3.94 0.00	57.18 4.28 0.00	40.97 3.18 0.00	38.35 3.01 -2.27	36.07 2.99 -0.45	37.76 2.86 -4.64	35.23 3.08 -0.04	34.29 2.94 -1.15	40.58 3.57 0.00	47.30 4.17 0.00	39.04 3.23 0.00	39.95 3.04 0.00	60.01 4.23 0.00	57.69 4.02 0.00	53.04 3.62 0.00	36.62 2.49 0.00	32.49 2.24 0.00
FARRAGUT___LBMP 323566	60.93 4.33 -3.97	54.98 3.96 0.00	46.17 3.12 0.00	40.89 2.56 0.00	42.86 2.52 0.00	47.13 2.78 0.00	52.39 3.35 0.00	54.17 3.89 0.00	57.13 4.23 0.00	40.93 3.15 0.00	38.31 2.97 -2.27	36.04 2.96 -0.45	37.72 2.83 -4.64	35.19 3.04 -0.04	34.26 2.91 -1.15	40.54 3.52 0.00	47.25 4.12 0.00	39.00 3.19 0.00	39.92 3.00 0.00	59.95 4.18 0.00	57.65 3.97 0.00	53.01 3.59 0.00	36.59 2.46 0.00	32.46 2.21 0.00
FARRCKWY_69_KV_BK2 55825	61.73 5.13 -3.97	56.04 5.02 0.00	47.05 4.01 0.00	41.64 3.31 0.00	43.60 3.27 0.00	47.97 3.62 0.00	53.25 4.21 0.00	54.91 4.63 0.00	57.86 4.96 0.00	41.49 3.71 0.00	39.87 3.62 -3.18	98.97 3.63 -62.71	45.34 3.44 -11.64	53.33 3.69 -17.53	80.36 3.48 -46.68	53.98 4.28 -12.68	50.60 5.06 -2.41	39.66 3.85 0.00	40.71 3.79 0.00	61.08 5.31 0.00	58.67 4.99 0.00	53.98 4.56 0.00	37.05 2.92 0.00	32.96 2.72 0.00
FENNER___WINDPWR 24204	50.51 0.42 2.55	51.54 0.52 0.00	43.47 0.43 0.00	38.76 0.43 0.00	40.88 0.55 0.00	45.02 0.67 0.00	49.77 0.73 0.00	50.86 0.59 0.00	53.41 0.51 0.00	37.98 0.20 0.00	33.13 0.06 0.00	32.61 -0.02 0.00	30.24 -0.02 0.00	32.11 0.00 0.00	30.09 -0.10 0.00	36.94 -0.08 0.00	43.06 -0.07 0.00	35.76 -0.05 0.00	37.07 0.16 0.00	56.56 0.79 0.00	54.68 1.01 0.00	50.37 0.96 0.00	34.76 0.63 0.00	30.73 0.49 0.00
FIBERTEK___ENERGY 23856	47.72 -0.65 4.26	50.47 -0.55 0.00	42.57 -0.48 0.00	37.93 -0.41 0.00	39.93 -0.40 0.00	43.97 -0.38 0.00	48.62 -0.42 0.00	49.78 -0.50 0.00	52.23 -0.67 0.00	37.18 -0.60 0.00	32.46 -0.60 0.00	31.98 -0.64 0.00	29.59 -0.67 0.00	31.44 -0.67 0.00	29.52 -0.68 0.00	36.39 -0.63 0.00	42.45 -0.68 0.00	35.19 -0.62 0.00	36.40 -0.51 0.00	55.20 -0.57 0.00	53.23 -0.45 0.00	49.03 -0.38 0.00	33.86 -0.28 0.00	30.04 -0.20 0.00
FITZPATRICK___ 23598	51.02 -1.68 -0.06	49.43 -1.59 0.00	41.69 -1.35 0.00	37.14 -1.20 0.00	39.09 -1.25 0.00	43.02 -1.33 0.00	47.58 -1.47 0.00	48.75 -1.53 0.00	51.24 -1.66 0.00	36.54 -1.25 0.00	31.95 -1.12 0.00	31.52 -1.10 0.00	29.22 -1.04 0.00	31.03 -1.08 0.00	29.16 -1.03 0.00	35.76 -1.26 0.00	41.61 -1.52 0.00	34.46 -1.36 0.00	35.56 -1.35 0.00	53.83 -1.94 0.00	51.87 -1.81 0.00	47.78 -1.63 0.00	33.03 -1.11 0.00	29.35 -0.90 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	60.88 4.31 -3.94	54.98 3.97 0.00	46.21 3.16 0.00	40.97 2.63 0.00	42.97 2.64 0.00	47.24 2.89 0.00	52.42 3.38 0.00	54.09 3.81 0.00	57.02 4.12 0.00	40.80 3.02 0.00	35.86 2.79 0.00	35.41 2.78 0.00	32.92 2.66 0.00	34.94 2.83 0.00	32.87 2.67 0.00	40.30 3.28 0.00	47.05 3.92 0.00	38.92 3.11 0.00	39.93 3.02 0.00	60.04 4.26 0.00	57.83 4.15 0.00	53.17 3.76 0.00	36.66 2.53 0.00	32.43 2.18 0.00
FORT ORANGE___ 23900	55.46 1.74 -1.08	52.73 1.71 0.00	44.47 1.42 0.00	39.60 1.26 0.00	41.64 1.31 0.00	45.64 1.29 0.00	50.39 1.35 0.00	51.63 1.35 0.00	54.03 1.14 0.00	38.82 1.04 0.00	33.98 0.91 0.00	33.47 0.84 0.00	31.04 0.78 0.00	32.86 0.75 0.00	31.02 0.82 0.00	38.05 1.03 0.00	44.31 1.18 0.00	36.80 0.99 0.00	37.85 0.93 0.00	56.97 1.19 0.00	55.06 1.39 0.00	50.73 1.31 0.00	35.14 1.00 0.00	31.11 0.86 0.00
FORT_DRUM_COGEN 23780	51.63 -1.06 -0.06	49.71 -1.31 0.00	41.77 -1.27 0.00	37.34 -0.99 0.00	39.86 -0.47 0.00	43.86 -0.48 0.00	48.49 -0.56 0.00	49.50 -0.77 0.00	51.32 -1.58 0.00	36.44 -1.34 0.00	31.75 -1.32 0.00	31.23 -1.40 0.00	29.01 -1.25 0.00	30.77 -1.34 0.00	28.80 -1.40 0.00	35.28 -1.74 0.00	41.20 -1.94 0.00	34.29 -1.52 0.00	35.69 -1.23 0.00	55.02 -0.76 0.00	53.78 0.10 0.00	49.90 0.49 0.00	34.38 0.24 0.00	30.30 0.06 0.00
FOX_HILLS___ESR 323835	60.97 4.37 -3.97	55.11 4.09 0.00	46.26 3.21 0.00	40.97 2.63 0.00	42.94 2.60 0.00	47.18 2.83 0.00	52.44 3.39 0.00	54.19 3.91 0.00	57.09 4.20 0.00	40.95 3.17 0.00	38.33 2.99 -2.27	36.05 2.97 -0.45	37.78 2.88 -4.64	35.31 3.16 -0.04	34.34 3.00 -1.15	40.66 3.64 0.00	47.44 4.31 0.00	39.14 3.33 0.00	40.03 3.12 0.00	60.10 4.32 0.00	57.76 4.09 0.00	53.29 3.87 0.00	36.79 2.65 0.00	32.64 2.40 0.00
FPL_FAR_ROCK_GT1 24212	61.75 5.15 -3.97	56.05 5.03 0.00	47.05 4.00 0.00	41.64 3.31 0.00	43.60 3.27 0.00	47.97 3.62 0.00	53.24 4.20 0.00	54.90 4.63 0.00	57.81 4.91 0.00	41.48 3.69 0.00	39.86 3.61 -3.18	98.97 3.63 -62.71	45.33 3.43 -11.64	53.32 3.68 -17.53	80.36 3.48 -46.68	53.97 4.27 -12.68	50.59 5.05 -2.41	39.66 3.85 0.00	40.71 3.79 0.00	61.07 5.30 0.00	58.65 4.97 0.00	53.97 4.56 0.00	37.06 2.92 0.00	32.96 2.72 0.00
FPL_FAR_ROCK_GT2 23815	61.75 5.15 -3.97	56.05 5.03 0.00	47.05 4.00 0.00	41.64 3.31 0.00	43.60 3.27 0.00	47.97 3.62 0.00	53.24 4.20 0.00	54.90 4.63 0.00	57.81 4.91 0.00	41.48 3.69 0.00	39.86 3.61 -3.18	98.97 3.63 -62.71	45.33 3.43 -11.64	53.32 3.68 -17.53	80.36 3.48 -46.68	53.97 4.27 -12.68	50.59 5.05 -2.41	39.66 3.85 0.00	40.71 3.79 0.00	61.07 5.30 0.00	58.65 4.97 0.00	53.97 4.56 0.00	37.06 2.92 0.00	32.96 2.72 0.00

FRANKLIN_FALL_HYD 24054	51.86 -0.78 0.00	50.22 -0.80 0.00	42.51 -0.54 0.00	37.95 -0.38 0.00	40.04 -0.29 0.00	44.16 -0.19 0.00	49.17 0.13 0.00	50.26 -0.01 0.00	52.64 -0.26 0.00	37.56 -0.23 0.00	32.89 -0.18 0.00	32.46 -0.17 0.00	30.05 -0.21 0.00	31.88 -0.23 0.00	29.91 -0.29 0.00	36.59 -0.43 0.00	42.75 -0.38 0.00	35.78 -0.03 0.00	37.02 0.10 0.00	55.73 -0.04 0.00	53.61 -0.06 0.00	49.28 -0.14 0.00	34.04 -0.09 0.00	30.09 -0.15 0.00
FREEPORT_EQUS_GT1 23764	61.45 4.84 -3.97	55.81 4.79 0.00	46.88 3.83 0.00	41.47 3.13 0.00	43.42 3.08 0.00	47.78 3.44 0.00	53.03 3.99 0.00	54.69 4.42 0.00	57.63 4.73 0.00	41.33 3.54 0.00	39.72 3.47 -3.18	98.86 3.52 -62.71	45.22 3.33 -11.64	53.20 3.55 -17.53	80.26 3.38 -46.68	53.83 4.13 -12.68	50.41 4.87 -2.41	39.48 3.67 0.00	40.54 3.63 0.00	60.82 5.05 0.00	62.64 4.70 -4.27	53.75 4.34 0.00	36.91 2.78 0.00	32.86 2.62 0.00
FREEPORT___CT2 23818	61.45 4.84 -3.97	55.81 4.79 0.00	46.88 3.83 0.00	41.47 3.13 0.00	43.42 3.08 0.00	47.78 3.44 0.00	53.03 3.99 0.00	54.69 4.42 0.00	57.63 4.73 0.00	41.33 3.54 0.00	39.72 3.47 -3.18	98.86 3.52 -62.71	45.22 3.33 -11.64	53.20 3.55 -17.53	80.26 3.38 -46.68	53.83 4.13 -12.68	50.41 4.87 -2.41	39.48 3.67 0.00	40.54 3.63 0.00	60.82 5.05 0.00	62.64 4.70 -4.27	53.75 4.34 0.00	36.91 2.78 0.00	32.86 2.62 0.00
FRESHKLS_33_KV_LOAD 356253	61.14 4.53 -3.97	55.30 4.28 0.00	46.42 3.37 0.00	41.09 2.75 0.00	43.07 2.73 0.00	47.33 2.98 0.00	52.55 3.51 0.00	54.26 3.99 0.00	57.16 4.26 0.00	40.98 3.20 0.00	38.35 3.01 -2.27	36.08 3.00 -0.45	37.80 2.90 -4.64	35.34 3.18 -0.04	34.36 3.02 -1.15	40.68 3.66 0.00	47.51 4.38 0.00	39.19 3.37 0.00	40.07 3.15 0.00	60.14 4.37 0.00	57.75 4.08 0.00	53.36 3.95 0.00	36.84 2.70 0.00	32.69 2.44 0.00
FULTON COGEN____ 23766	48.32 -1.56 2.75	49.54 -1.48 0.00	41.78 -1.27 0.00	37.21 -1.12 0.00	39.19 -1.15 0.00	43.15 -1.20 0.00	47.75 -1.29 0.00	48.95 -1.33 0.00	51.40 -1.50 0.00	36.60 -1.19 0.00	31.98 -1.09 0.00	31.53 -1.10 0.00	29.22 -1.04 0.00	31.02 -1.09 0.00	29.14 -1.05 0.00	35.76 -1.26 0.00	41.61 -1.52 0.00	34.46 -1.36 0.00	35.60 -1.31 0.00	54.02 -1.75 0.00	52.10 -1.58 0.00	48.02 -1.40 0.00	33.16 -0.97 0.00	29.44 -0.80 0.00
FULTON___LFGE 323630	58.69 2.10 -3.96	53.07 2.05 0.00	44.77 1.72 0.00	39.86 1.52 0.00	41.97 1.63 0.00	46.23 1.89 0.00	51.01 1.97 0.00	51.62 1.34 0.00	53.96 1.06 0.00	38.63 0.84 0.00	33.41 0.34 0.00	32.73 0.11 0.00	30.34 0.08 0.00	32.11 0.00 0.00	30.33 0.13 0.00	37.22 0.20 0.00	43.53 0.39 0.00	36.15 0.34 0.00	37.27 0.35 0.00	57.80 2.03 0.00	56.20 2.52 0.00	51.72 2.30 0.00	35.74 1.61 0.00	31.58 1.33 0.00
G.F.CEMENT___DRP 24184	57.33 3.58 -1.11	54.51 3.49 0.00	45.83 2.78 0.00	40.83 2.50 0.00	43.00 2.67 0.00	47.21 2.87 0.00	52.15 3.11 0.00	53.56 3.28 0.00	56.01 3.10 0.00	39.96 2.17 0.00	34.75 1.68 0.00	34.21 1.59 0.00	31.77 1.51 0.00	33.61 1.50 0.00	31.68 1.48 0.00	39.21 2.20 0.00	45.79 2.65 0.00	38.01 2.19 0.00	39.12 2.20 0.00	59.33 3.55 0.00	57.52 3.84 0.00	53.00 3.58 0.00	36.56 2.43 0.00	32.28 2.03 0.00
GARDENVILLE___LBMP 24039	31.56 -4.17 16.90	47.17 -3.85 0.00	39.78 -3.26 0.00	35.62 -2.72 0.00	37.47 -2.86 0.00	41.39 -2.96 0.00	45.58 -3.46 0.00	44.31 -3.72 2.25	22.29 -4.16 26.45	15.10 -3.47 19.22	28.95 -3.22 0.90	29.60 -3.02 0.00	27.14 -2.90 0.22	29.37 -2.74 0.00	27.37 -2.83 0.00	33.18 -3.23 0.60	31.57 -3.68 7.88	32.63 -2.94 0.24	33.76 -3.07 0.09	31.62 -4.39 19.76	26.63 -3.98 23.06	38.96 -3.76 6.70	29.49 -2.63 2.03	25.75 -2.28 2.22
GARDNVLA_35_KV_LD 355827	31.89 -4.08 16.67	47.27 -3.75 0.00	39.86 -3.19 0.00	35.68 -2.66 0.00	37.53 -2.80 0.00	41.46 -2.89 0.00	45.68 -3.36 0.00	44.67 -3.62 1.99	25.40 -4.11 23.39	17.37 -3.42 16.99	29.13 -3.15 0.79	29.68 -2.95 0.00	27.23 -2.83 0.20	29.46 -2.65 0.00	27.45 -2.75 0.00	33.25 -3.14 0.63	31.37 -3.60 8.16	32.74 -2.83 0.25	33.91 -2.93 0.08	34.14 -4.20 17.42	29.54 -3.80 20.34	39.92 -3.59 5.91	29.83 -2.52 1.79	26.08 -2.20 1.96
GELCKHM___115KV_LOAD 80723	48.45 -0.91 3.28	50.21 -0.81 0.00	42.34 -0.71 0.00	37.72 -0.62 0.00	39.72 -0.61 0.00	43.74 -0.61 0.00	48.38 -0.67 0.00	49.56 -0.72 0.00	52.02 -0.88 0.00	37.04 -0.74 0.00	32.37 -0.70 0.00	31.90 -0.73 0.00	29.55 -0.72 0.00	31.38 -0.73 0.00	29.47 -0.73 0.00	36.23 -0.78 0.00	42.20 -0.93 0.00	34.98 -0.84 0.00	36.15 -0.76 0.00	54.82 -0.95 0.00	52.87 -0.81 0.00	48.71 -0.71 0.00	33.64 -0.49 0.00	29.86 -0.39 0.00
GENERAL___MILLS 23808	31.76 -4.14 16.73	47.22 -3.80 0.00	39.81 -3.23 0.00	35.64 -2.69 0.00	37.50 -2.84 0.00	41.42 -2.93 0.00	45.63 -3.42 0.00	44.54 -3.68 2.06	24.52 -4.16 24.22	16.73 -3.46 17.59	29.05 -3.20 0.82	29.62 -3.00 0.00	27.19 -2.87 0.21	29.41 -2.70 0.00	27.40 -2.80 0.00	33.19 -3.20 0.62	31.39 -3.65 8.09	32.69 -2.88 0.25	33.83 -3.00 0.08	33.41 -4.31 18.06	28.70 -3.90 21.08	39.61 -3.69 6.12	29.71 -2.57 1.85	25.98 -2.24 2.03
GE_PLASTICS___DRP 24183	55.30 1.59 -1.08	52.60 1.57 0.00	44.35 1.30 0.00	39.48 1.14 0.00	41.50 1.16 0.00	45.51 1.17 0.00	50.27 1.23 0.00	51.54 1.27 0.00	54.05 1.15 0.00	38.78 0.99 0.00	33.97 0.90 0.00	33.50 0.87 0.00	31.08 0.82 0.00	32.93 0.81 0.00	31.05 0.86 0.00	38.09 1.07 0.00	44.36 1.23 0.00	36.79 0.98 0.00	37.82 0.91 0.00	56.94 1.17 0.00	54.97 1.29 0.00	50.64 1.22 0.00	35.05 0.91 0.00	31.04 0.79 0.00
GILBOA___1 23756	58.78 1.82 -4.33	52.80 1.78 0.00	44.61 1.56 0.00	39.67 1.33 0.00	41.68 1.35 0.00	45.78 1.43 0.00	50.48 1.44 0.00	51.77 1.49 0.00	54.54 1.64 0.00	39.03 1.24 0.00	34.21 1.15 0.00	33.76 1.14 0.00	31.35 1.09 0.00	33.25 1.14 0.00	31.31 1.11 0.00	38.40 1.38 0.00	44.76 1.62 0.00	37.09 1.27 0.00	38.13 1.21 0.00	57.42 1.65 0.00	55.34 1.66 0.00	51.01 1.60 0.00	35.26 1.12 0.00	31.22 0.97 0.00
GILBOA___2 23757	58.78 1.82 -4.33	52.80 1.78 0.00	44.61 1.56 0.00	39.67 1.33 0.00	41.68 1.35 0.00	45.78 1.43 0.00	50.48 1.44 0.00	51.77 1.49 0.00	54.54 1.64 0.00	39.03 1.24 0.00	34.21 1.15 0.00	33.76 1.14 0.00	31.35 1.09 0.00	33.25 1.14 0.00	31.31 1.11 0.00	38.40 1.38 0.00	44.76 1.62 0.00	37.09 1.27 0.00	38.13 1.21 0.00	57.42 1.65 0.00	55.34 1.66 0.00	51.01 1.60 0.00	35.26 1.12 0.00	31.22 0.97 0.00
GILBOA___3 23758	58.78 1.82 -4.33	52.80 1.78 0.00	44.61 1.56 0.00	39.67 1.33 0.00	41.68 1.35 0.00	45.78 1.43 0.00	50.48 1.44 0.00	51.77 1.49 0.00	54.54 1.64 0.00	39.03 1.24 0.00	34.21 1.15 0.00	33.76 1.14 0.00	31.35 1.09 0.00	33.25 1.14 0.00	31.31 1.11 0.00	38.40 1.38 0.00	44.76 1.62 0.00	37.09 1.27 0.00	38.13 1.21 0.00	57.42 1.65 0.00	55.34 1.66 0.00	51.01 1.60 0.00	35.26 1.12 0.00	31.22 0.97 0.00

GILBOA___4 23759	58.78 1.82 -4.33	52.80 1.78 0.00	44.61 1.56 0.00	39.67 1.33 0.00	41.68 1.35 0.00	45.78 1.43 0.00	50.48 1.44 0.00	51.77 1.49 0.00	54.54 1.64 0.00	39.03 1.24 0.00	34.21 1.15 0.00	33.76 1.14 0.00	31.35 1.09 0.00	33.25 1.14 0.00	31.31 1.11 0.00	38.40 1.38 0.00	44.76 1.62 0.00	37.09 1.27 0.00	38.13 1.21 0.00	57.42 1.65 0.00	55.34 1.66 0.00	51.01 1.60 0.00	35.26 1.12 0.00	31.22 0.97 0.00
GILBOA____ 23599	58.78 1.82 -4.33	52.80 1.78 0.00	44.61 1.56 0.00	39.67 1.33 0.00	41.68 1.35 0.00	45.78 1.44 0.00	50.48 1.44 0.00	51.77 1.49 0.00	54.54 1.64 0.00	39.03 1.25 0.00	34.22 1.15 0.00	33.77 1.14 0.00	31.36 1.10 0.00	33.25 1.14 0.00	31.31 1.11 0.00	38.40 1.38 0.00	44.76 1.62 0.00	37.09 1.27 0.00	38.13 1.22 0.00	57.43 1.66 0.00	55.33 1.65 0.00	51.02 1.60 0.00	35.26 1.12 0.00	31.22 0.97 0.00
GINNA____ 23603	39.39 -4.14 9.11	47.08 -3.94 0.00	39.67 -3.38 0.00	35.39 -2.94 0.00	37.23 -3.11 0.00	41.10 -3.25 0.00	45.49 -3.55 0.00	46.55 -3.72 0.00	48.72 -4.18 0.00	34.53 -3.25 0.00	30.11 -2.96 0.00	29.73 -2.90 0.00	27.52 -2.74 0.00	29.27 -2.84 0.00	27.45 -2.75 0.00	33.82 -3.30 -0.11	40.67 -3.84 -1.38	32.79 -3.06 -0.04	33.94 -2.98 0.00	51.66 -4.11 0.00	49.82 -3.86 0.00	45.86 -3.56 0.00	31.59 -2.54 0.00	27.99 -2.26 0.00
GLEN PARK____ 23778	51.66 -1.04 -0.06	49.72 -1.30 0.00	41.78 -1.27 0.00	37.35 -0.99 0.00	39.86 -0.47 0.00	43.88 -0.46 0.00	48.50 -0.55 0.00	49.50 -0.78 0.00	51.26 -1.64 0.00	36.38 -1.41 0.00	31.69 -1.38 0.00	31.16 -1.47 0.00	28.94 -1.32 0.00	30.70 -1.41 0.00	28.74 -1.46 0.00	35.21 -1.80 0.00	41.11 -2.03 0.00	34.22 -1.60 0.00	35.64 -1.28 0.00	55.04 -0.73 0.00	53.85 0.17 0.00	49.93 0.51 0.00	34.39 0.26 0.00	30.31 0.06 0.00
GLENDALE_27_KV_LOAD 356172	61.14 4.54 -3.97	55.24 4.22 0.00	46.40 3.35 0.00	41.07 2.74 0.00	43.05 2.72 0.00	47.34 2.99 0.00	52.68 3.64 0.00	54.49 4.21 0.00	57.44 4.54 0.00	41.18 3.40 0.00	38.53 3.19 -2.27	36.26 3.18 -0.45	37.94 3.04 -4.64	35.44 3.29 -0.04	34.47 3.13 -1.15	40.79 3.77 0.00	47.55 4.42 0.00	39.25 3.43 0.00	40.14 3.23 0.00	60.29 4.51 0.00	57.95 4.27 0.00	53.30 3.89 0.00	36.80 2.67 0.00	32.66 2.42 0.00
GLENWOOD_IC_1_G5 23712	61.23 4.63 -3.97	55.48 4.46 0.00	46.60 3.55 0.00	41.26 2.93 0.00	43.22 2.89 0.00	47.54 3.19 0.00	52.78 3.74 0.00	54.46 4.18 0.00	57.38 4.48 0.00	40.91 3.13 0.00	39.47 3.22 -3.18	98.60 3.26 -62.71	45.00 3.10 -11.64	52.95 3.31 -17.53	80.03 3.15 -46.68	53.52 3.82 -12.68	49.79 4.25 -2.41	39.03 3.21 0.00	40.10 3.19 0.00	60.17 4.39 0.00	57.70 4.02 0.00	53.10 3.68 0.00	36.55 2.41 0.00	32.66 2.41 0.00
GLENWOOD_IC_2_G1 23688	61.00 4.40 -3.97	55.20 4.18 0.00	46.38 3.33 0.00	41.08 2.74 0.00	43.03 2.70 0.00	47.33 2.98 0.00	52.54 3.50 0.00	54.21 3.94 0.00	57.12 4.22 0.00	40.92 3.14 0.00	39.29 3.04 -3.18	98.39 3.05 -62.71	44.79 2.89 -11.64	52.75 3.10 -17.53	79.84 2.96 -46.68	53.30 3.60 -12.68	49.76 4.22 -2.41	39.04 3.22 0.00	40.03 3.12 0.00	60.09 4.32 0.00	57.76 4.08 0.00	53.15 3.73 0.00	36.60 2.46 0.00	32.51 2.27 0.00
GLENWOOD_IC_3_G1 23689	61.00 4.40 -3.97	55.20 4.18 0.00	46.38 3.33 0.00	41.08 2.74 0.00	43.03 2.70 0.00	47.33 2.98 0.00	52.54 3.50 0.00	54.21 3.94 0.00	57.12 4.22 0.00	40.92 3.14 0.00	39.29 3.04 -3.18	98.39 3.05 -62.71	44.79 2.89 -11.64	52.75 3.10 -17.53	79.84 2.96 -46.68	53.30 3.60 -12.68	49.76 4.22 -2.41	39.04 3.22 0.00	40.03 3.12 0.00	60.09 4.32 0.00	57.76 4.08 0.00	53.15 3.73 0.00	36.60 2.46 0.00	32.51 2.27 0.00
GLENWOOD___4 23550	61.23 4.63 -3.97	55.48 4.46 0.00	46.60 3.55 0.00	41.26 2.93 0.00	43.22 2.89 0.00	47.54 3.19 0.00	52.78 3.74 0.00	54.46 4.18 0.00	57.39 4.49 0.00	41.00 3.21 0.00	39.48 3.24 -3.18	98.60 3.26 -62.71	45.00 3.10 -11.64	52.95 3.31 -17.53	80.03 3.15 -46.68	53.52 3.83 -12.68	49.88 4.34 -2.41	39.12 3.31 0.00	40.16 3.24 0.00	60.26 4.49 0.00	57.84 4.16 0.00	53.22 3.81 0.00	36.62 2.49 0.00	32.66 2.41 0.00
GLENWOOD___5 23614	61.23 4.63 -3.97	55.48 4.46 0.00	46.60 3.55 0.00	41.26 2.93 0.00	43.22 2.89 0.00	47.54 3.19 0.00	52.78 3.74 0.00	54.46 4.18 0.00	57.39 4.49 0.00	41.00 3.21 0.00	39.48 3.24 -3.18	98.60 3.26 -62.71	45.00 3.10 -11.64	52.95 3.31 -17.53	80.03 3.15 -46.68	53.52 3.83 -12.68	49.88 4.34 -2.41	39.12 3.31 0.00	40.16 3.24 0.00	60.26 4.49 0.00	57.84 4.16 0.00	53.22 3.81 0.00	36.62 2.49 0.00	32.66 2.41 0.00
GLOBAL GREEN_PORT_GT1 23814	62.23 5.63 -3.97	56.60 5.58 0.00	46.96 3.91 0.00	41.53 3.19 0.00	43.48 3.15 0.00	48.11 3.77 0.00	53.52 4.48 0.00	54.83 4.56 0.00	56.74 3.84 0.00	40.83 3.05 0.00	39.40 3.15 -3.18	99.02 3.69 -62.71	45.73 3.83 -11.64	54.51 4.86 -17.53	81.74 4.86 -46.68	55.91 6.21 -12.68	53.07 7.53 -2.42	41.53 5.71 0.00	42.21 5.30 0.00	63.01 7.23 -0.01	226.19 5.90 -166.62	54.49 5.07 0.00	37.91 3.78 0.00	33.93 3.68 0.00
GLOBE___DSASP 323697	32.58 -5.28 14.77	46.03 -4.99 0.00	38.81 -4.24 0.00	34.74 -3.60 0.00	36.48 -3.85 0.00	40.33 -4.02 0.00	44.33 -4.71 0.00	43.57 -5.15 1.56	29.37 -5.52 18.01	20.39 -4.31 13.09	28.46 -4.00 0.61	28.85 -3.78 0.00	26.55 -3.55 0.15	28.65 -3.47 0.00	26.72 -3.48 0.00	32.14 -4.24 0.64	29.47 -5.22 8.45	31.51 -4.05 0.26	32.63 -4.22 0.07	35.34 -6.52 13.91	31.40 -6.04 16.23	39.24 -5.47 4.70	29.03 -3.67 1.43	25.51 -3.18 1.56
GOETHSLN___LBMP 323567	60.75 4.15 -3.97	54.77 3.75 0.00	45.96 2.91 0.00	40.71 2.37 0.00	42.66 2.32 0.00	46.91 2.57 0.00	52.16 3.12 0.00	53.94 3.67 0.00	56.88 3.98 0.00	40.74 2.96 0.00	38.14 2.80 -2.27	35.86 2.78 -0.45	37.57 2.67 -4.64	35.03 2.88 -0.04	34.11 2.76 -1.15	40.38 3.36 0.00	47.07 3.94 0.00	38.85 3.04 0.00	39.74 2.83 0.00	59.75 3.98 0.00	57.46 3.78 0.00	52.85 3.43 0.00	36.49 2.36 0.00	32.38 2.13 0.00
GOLAH___69_KV_TB 1_2 80279	39.99 -2.26 10.38	48.89 -2.12 0.00	41.19 -1.86 0.00	36.78 -1.56 0.00	38.68 -1.65 0.00	42.76 -1.59 0.00	47.28 -1.76 0.00	48.04 -1.97 0.27	47.28 -2.45 3.16	33.33 -2.16 2.29	30.87 -2.08 0.11	30.64 -1.99 0.00	28.30 -1.94 0.03	30.21 -1.90 0.00	28.30 -1.90 0.00	33.32 -2.22 1.48	21.33 -2.55 19.25	33.24 -1.98 0.59	34.94 -1.91 0.06	51.04 -2.37 2.36	49.02 -1.90 2.76	46.90 -1.71 0.80	32.64 -1.26 0.24	28.86 -1.13 0.27
GOODYEAR_LAKE_HYD 323669	63.03 1.40 -9.00	52.42 1.40 0.00	44.28 1.23 0.00	39.38 1.04 0.00	41.45 1.12 0.00	45.67 1.32 0.00	50.63 1.59 0.00	51.75 1.48 0.00	54.92 2.02 0.00	39.34 1.56 0.00	34.02 0.95 0.00	33.32 0.69 0.00	30.97 0.71 0.00	32.79 0.67 0.00	30.94 0.75 0.00	38.00 0.98 0.00	44.36 1.23 0.00	36.80 0.98 0.00	38.02 1.11 0.00	57.84 2.06 0.00	55.70 2.02 0.00	51.25 1.84 0.00	35.34 1.20 0.00	31.24 1.00 0.00

GOUDEY___115_KV_TB6_REV_LBMP_C 345031	85.58 -0.43 -33.38	50.91 -0.11 0.00	42.96 -0.09 0.00	38.29 -0.05 0.00	40.35 0.02 0.00	44.40 0.05 0.00	49.09 0.05 0.00	50.58 0.07 -0.23	55.79 0.18 -2.71	39.79 0.02 -1.98	33.16 0.00 -0.09	32.64 0.01 0.00	30.27 -0.02 -0.02	32.23 0.12 0.00	30.19 -0.01 0.00	37.02 0.09 0.09	42.08 0.16 1.21	35.84 0.07 0.04	36.99 0.07 0.00	58.22 0.42 -2.03	56.54 0.49 -2.37	50.55 0.44 -0.69	34.58 0.24 -0.21	30.69 0.21 -0.23
GOUDEY___7 23579	85.58 -0.43 -33.38	50.91 -0.11 0.00	42.96 -0.09 0.00	38.29 -0.05 0.00	40.35 0.02 0.00	44.40 0.05 0.00	49.09 0.05 0.00	50.58 0.07 -0.23	55.79 0.18 -2.71	39.79 0.02 -1.98	33.16 0.00 -0.09	32.64 0.01 0.00	30.27 -0.02 -0.02	32.23 0.12 0.00	30.19 -0.01 0.00	37.02 0.09 0.09	42.08 0.16 1.21	35.84 0.07 0.04	36.99 0.07 0.00	58.22 0.42 -2.03	56.54 0.49 -2.37	50.55 0.44 -0.69	34.58 0.24 -0.21	30.69 0.21 -0.23
GOUDEY___8 23580	85.58 -0.43 -33.38	50.91 -0.11 0.00	42.96 -0.09 0.00	38.29 -0.05 0.00	40.35 0.02 0.00	44.40 0.05 0.00	49.09 0.05 0.00	50.58 0.07 -0.23	55.79 0.18 -2.71	39.79 0.02 -1.98	33.16 0.00 -0.09	32.64 0.01 0.00	30.27 -0.02 -0.02	32.23 0.12 0.00	30.19 -0.01 0.00	37.02 0.09 0.09	42.08 0.16 1.21	35.84 0.07 0.04	36.99 0.07 0.00	58.22 0.42 -2.03	56.54 0.49 -2.37	50.55 0.44 -0.69	34.58 0.24 -0.21	30.69 0.21 -0.23
GOWANUS_GT1_1 24077	61.04 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.52 3.48 0.00	54.32 4.04 0.00	57.26 4.35 0.00	41.04 3.25 0.00	38.40 3.06 -2.27	36.13 3.06 -0.45	37.86 2.97 -4.64	35.38 3.23 -0.04	34.42 3.07 -1.15	40.73 3.71 0.00	47.53 4.40 0.00	39.21 3.39 0.00	40.10 3.18 0.00	60.26 4.49 0.00	57.97 4.29 0.00	53.44 4.02 -0.01	36.82 2.68 0.00	32.67 2.42 0.00
GOWANUS_GT1_2 24078	61.04 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.52 3.48 0.00	54.32 4.04 0.00	57.26 4.35 0.00	41.04 3.25 0.00	38.40 3.06 -2.27	36.13 3.06 -0.45	37.86 2.97 -4.64	35.38 3.23 -0.04	34.42 3.07 -1.15	40.73 3.71 0.00	47.53 4.40 0.00	39.21 3.39 0.00	40.10 3.18 0.00	60.26 4.49 0.00	57.97 4.29 0.00	53.44 4.02 -0.01	36.82 2.68 0.00	32.67 2.42 0.00
GOWANUS_GT1_3 24079	61.04 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.52 3.48 0.00	54.32 4.04 0.00	57.26 4.35 0.00	41.04 3.25 0.00	38.40 3.06 -2.27	36.13 3.06 -0.45	37.86 2.97 -4.64	35.38 3.23 -0.04	34.42 3.07 -1.15	40.73 3.71 0.00	47.53 4.40 0.00	39.21 3.39 0.00	40.10 3.18 0.00	60.26 4.49 0.00	57.97 4.29 0.00	53.44 4.02 -0.01	36.82 2.68 0.00	32.67 2.42 0.00
GOWANUS_GT1_4 24080	61.04 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.52 3.48 0.00	54.32 4.04 0.00	57.26 4.35 0.00	41.04 3.25 0.00	38.40 3.06 -2.27	36.13 3.06 -0.45	37.86 2.97 -4.64	35.38 3.23 -0.04	34.42 3.07 -1.15	40.73 3.71 0.00	47.53 4.40 0.00	39.21 3.39 0.00	40.10 3.18 0.00	60.26 4.49 0.00	57.97 4.29 0.00	53.44 4.02 -0.01	36.82 2.68 0.00	32.67 2.42 0.00
GOWANUS_GT1_5 24084	61.04 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.52 3.48 0.00	54.32 4.04 0.00	57.26 4.35 0.00	41.04 3.25 0.00	38.40 3.06 -2.27	36.13 3.06 -0.45	37.86 2.97 -4.64	35.38 3.23 -0.04	34.42 3.07 -1.15	40.73 3.71 0.00	47.53 4.40 0.00	39.21 3.39 0.00	40.10 3.18 0.00	60.26 4.49 0.00	57.97 4.29 0.00	53.44 4.02 -0.01	36.82 2.68 0.00	32.67 2.42 0.00
GOWANUS_GT1_6 24111	61.04 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.52 3.48 0.00	54.32 4.04 0.00	57.26 4.35 0.00	41.04 3.25 0.00	38.40 3.06 -2.27	36.13 3.06 -0.45	37.86 2.97 -4.64	35.38 3.23 -0.04	34.42 3.07 -1.15	40.73 3.71 0.00	47.53 4.40 0.00	39.21 3.39 0.00	40.10 3.18 0.00	60.26 4.49 0.00	57.97 4.29 0.00	53.44 4.02 -0.01	36.82 2.68 0.00	32.67 2.42 0.00
GOWANUS_GT1_7 24112	61.04 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.52 3.48 0.00	54.32 4.04 0.00	57.26 4.35 0.00	41.04 3.25 0.00	38.40 3.06 -2.27	36.13 3.06 -0.45	37.86 2.97 -4.64	35.38 3.23 -0.04	34.42 3.07 -1.15	40.73 3.71 0.00	47.53 4.40 0.00	39.21 3.39 0.00	40.10 3.18 0.00	60.26 4.49 0.00	57.97 4.29 0.00	53.44 4.02 -0.01	36.82 2.68 0.00	32.67 2.42 0.00
GOWANUS_GT1_8 24113	61.04 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.52 3.48 0.00	54.32 4.04 0.00	57.26 4.35 0.00	41.04 3.25 0.00	38.40 3.06 -2.27	36.13 3.06 -0.45	37.86 2.97 -4.64	35.38 3.23 -0.04	34.42 3.07 -1.15	40.73 3.71 0.00	47.53 4.40 0.00	39.21 3.39 0.00	40.10 3.18 0.00	60.26 4.49 0.00	57.97 4.29 0.00	53.44 4.02 -0.01	36.82 2.68 0.00	32.67 2.42 0.00
GOWANUS_GT2_1 24114	61.02 4.42 -3.97	55.14 4.12 0.00	46.29 3.24 0.00	40.99 2.65 0.00	42.95 2.62 0.00	47.21 2.86 0.00	52.50 3.46 0.00	54.27 3.99 0.00	57.19 4.29 0.00	41.00 3.22 0.00	38.38 3.04 -2.27	36.11 3.03 -0.45	37.83 2.93 -4.64	35.36 3.21 -0.04	34.39 3.05 -1.15	40.71 3.69 0.00	47.49 4.36 0.00	39.19 3.37 0.00	40.08 3.16 0.00	60.21 4.44 0.00	57.85 4.17 0.00	53.26 3.84 0.00	36.81 2.67 0.00	32.65 2.41 0.00
GOWANUS_GT2_2 24115	61.02 4.42 -3.97	55.14 4.12 0.00	46.29 3.24 0.00	40.99 2.65 0.00	42.95 2.62 0.00	47.21 2.86 0.00	52.50 3.46 0.00	54.27 3.99 0.00	57.19 4.29 0.00	41.00 3.22 0.00	38.38 3.04 -2.27	36.11 3.03 -0.45	37.83 2.93 -4.64	35.36 3.21 -0.04	34.39 3.05 -1.15	40.71 3.69 0.00	47.49 4.36 0.00	39.19 3.37 0.00	40.08 3.16 0.00	60.21 4.44 0.00	57.85 4.17 0.00	53.26 3.84 0.00	36.81 2.67 0.00	32.65 2.41 0.00
GOWANUS_GT2_3 24116	61.02 4.42 -3.97	55.14 4.12 0.00	46.29 3.24 0.00	40.99 2.65 0.00	42.95 2.62 0.00	47.21 2.86 0.00	52.50 3.46 0.00	54.27 3.99 0.00	57.19 4.29 0.00	41.00 3.22 0.00	38.38 3.04 -2.27	36.11 3.03 -0.45	37.83 2.93 -4.64	35.36 3.21 -0.04	34.39 3.05 -1.15	40.71 3.69 0.00	47.49 4.36 0.00	39.19 3.37 0.00	40.08 3.16 0.00	60.21 4.44 0.00	57.85 4.17 0.00	53.26 3.84 0.00	36.81 2.67 0.00	32.65 2.41 0.00
GOWANUS_GT2_4 24117	61.02 4.42 -3.97	55.14 4.12 0.00	46.29 3.24 0.00	40.99 2.65 0.00	42.95 2.62 0.00	47.21 2.86 0.00	52.50 3.46 0.00	54.27 3.99 0.00	57.19 4.29 0.00	41.00 3.22 0.00	38.38 3.04 -2.27	36.11 3.03 -0.45	37.83 2.93 -4.64	35.36 3.21 -0.04	34.39 3.05 -1.15	40.71 3.69 0.00	47.49 4.36 0.00	39.19 3.37 0.00	40.08 3.16 0.00	60.21 4.44 0.00	57.85 4.17 0.00	53.26 3.84 0.00	36.81 2.67 0.00	32.65 2.41 0.00

GOWANUS_GT2_5 24118	61.02 4.42 -3.97	55.14 4.12 0.00	46.29 3.24 0.00	40.99 2.65 0.00	42.95 2.62 0.00	47.21 2.86 0.00	52.50 3.46 0.00	54.27 3.99 0.00	57.19 4.29 0.00	41.00 3.22 0.00	38.38 3.04 -2.27	36.11 3.03 -0.45	37.83 2.93 -4.64	35.36 3.21 -0.04	34.39 3.05 -1.15	40.71 3.69 0.00	47.49 4.36 0.00	39.19 3.37 0.00	40.08 3.16 0.00	60.21 4.44 0.00	57.85 4.17 0.00	53.26 3.84 0.00	36.81 2.67 0.00	32.65 2.41 0.00
GOWANUS_GT2_6 24119	61.02 4.42 -3.97	55.14 4.12 0.00	46.29 3.24 0.00	40.99 2.65 0.00	42.95 2.62 0.00	47.21 2.86 0.00	52.50 3.46 0.00	54.27 3.99 0.00	57.19 4.29 0.00	41.00 3.22 0.00	38.38 3.04 -2.27	36.11 3.03 -0.45	37.83 2.93 -4.64	35.36 3.21 -0.04	34.39 3.05 -1.15	40.71 3.69 0.00	47.49 4.36 0.00	39.19 3.37 0.00	40.08 3.16 0.00	60.21 4.44 0.00	57.85 4.17 0.00	53.26 3.84 0.00	36.81 2.67 0.00	32.65 2.41 0.00
GOWANUS_GT2_7 24120	61.02 4.42 -3.97	55.14 4.12 0.00	46.29 3.24 0.00	40.99 2.65 0.00	42.95 2.62 0.00	47.21 2.86 0.00	52.50 3.46 0.00	54.27 3.99 0.00	57.19 4.29 0.00	41.00 3.22 0.00	38.38 3.04 -2.27	36.11 3.03 -0.45	37.83 2.93 -4.64	35.36 3.21 -0.04	34.39 3.05 -1.15	40.71 3.69 0.00	47.49 4.36 0.00	39.19 3.37 0.00	40.08 3.16 0.00	60.21 4.44 0.00	57.85 4.17 0.00	53.26 3.84 0.00	36.81 2.67 0.00	32.65 2.41 0.00
GOWANUS_GT2_8 24121	61.02 4.42 -3.97	55.14 4.12 0.00	46.29 3.24 0.00	40.99 2.65 0.00	42.95 2.62 0.00	47.21 2.86 0.00	52.50 3.46 0.00	54.27 3.99 0.00	57.19 4.29 0.00	41.00 3.22 0.00	38.38 3.04 -2.27	36.11 3.03 -0.45	37.83 2.93 -4.64	35.36 3.21 -0.04	34.39 3.05 -1.15	40.71 3.69 0.00	47.49 4.36 0.00	39.19 3.37 0.00	40.08 3.16 0.00	60.21 4.44 0.00	57.85 4.17 0.00	53.26 3.84 0.00	36.81 2.67 0.00	32.65 2.41 0.00
GOWANUS_GT3_1 24122	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.95 4.27 0.00	53.43 4.01 -0.01	36.82 2.68 0.00	32.67 2.42 0.00
GOWANUS_GT3_2 24123	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.95 4.27 0.00	53.43 4.01 -0.01	36.82 2.68 0.00	32.67 2.42 0.00
GOWANUS_GT3_3 24124	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.95 4.27 0.00	53.43 4.01 -0.01	36.82 2.68 0.00	32.67 2.42 0.00
GOWANUS_GT3_4 24125	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.95 4.27 0.00	53.43 4.01 -0.01	36.82 2.68 0.00	32.67 2.42 0.00
GOWANUS_GT3_5 24126	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.95 4.27 0.00	53.43 4.01 -0.01	36.82 2.68 0.00	32.67 2.42 0.00
GOWANUS_GT3_6 24127	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.95 4.27 0.00	53.43 4.01 -0.01	36.82 2.68 0.00	32.67 2.42 0.00
GOWANUS_GT3_7 24128	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.95 4.27 0.00	53.43 4.01 -0.01	36.82 2.68 0.00	32.67 2.42 0.00
GOWANUS_GT3_8 24129	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.95 4.27 0.00	53.43 4.01 -0.01	36.82 2.68 0.00	32.67 2.42 0.00
GOWANUS_GT4_1 24130	61.00 4.39 -3.97	55.15 4.13 0.00	46.29 3.24 0.00	40.99 2.65 0.00	42.95 2.62 0.00	47.21 2.86 0.00	52.50 3.46 0.00	54.28 4.00 0.00	57.22 4.32 0.00	41.02 3.23 0.00	38.38 3.04 -2.27	36.11 3.03 -0.45	37.85 2.95 -4.64	35.37 3.22 -0.04	34.40 3.05 -1.15	40.72 3.70 0.00	47.50 4.37 0.00	39.18 3.37 0.00	40.08 3.16 0.00	60.24 4.47 0.00	57.85 4.17 0.00	53.25 3.84 0.00	36.80 2.67 0.00	32.66 2.41 0.00
GOWANUS_GT4_2 24131	61.00 4.39 -3.97	55.15 4.13 0.00	46.29 3.24 0.00	40.99 2.65 0.00	42.95 2.62 0.00	47.21 2.86 0.00	52.50 3.46 0.00	54.28 4.00 0.00	57.22 4.32 0.00	41.02 3.23 0.00	38.38 3.04 -2.27	36.11 3.03 -0.45	37.85 2.95 -4.64	35.37 3.22 -0.04	34.40 3.05 -1.15	40.72 3.70 0.00	47.50 4.37 0.00	39.18 3.37 0.00	40.08 3.16 0.00	60.24 4.47 0.00	57.85 4.17 0.00	53.25 3.84 0.00	36.80 2.67 0.00	32.66 2.41 0.00
GOWANUS_GT4_3 24132	61.00 4.39 -3.97	55.15 4.13 0.00	46.29 3.24 0.00	40.99 2.65 0.00	42.95 2.62 0.00	47.21 2.86 0.00	52.50 3.46 0.00	54.28 4.00 0.00	57.22 4.32 0.00	41.02 3.23 0.00	38.38 3.04 -2.27	36.11 3.03 -0.45	37.85 2.95 -4.64	35.37 3.22 -0.04	34.40 3.05 -1.15	40.72 3.70 0.00	47.50 4.37 0.00	39.18 3.37 0.00	40.08 3.16 0.00	60.24 4.47 0.00	57.85 4.17 0.00	53.25 3.84 0.00	36.80 2.67 0.00	32.66 2.41 0.00

GOWANUS_GT4_4 24133	61.00 4.39 -3.97	55.15 4.13 0.00	46.29 3.24 0.00	40.99 2.65 0.00	42.95 2.62 0.00	47.21 2.86 0.00	52.50 3.46 0.00	54.28 4.00 0.00	57.22 4.32 0.00	41.02 3.23 0.00	38.38 3.04 -2.27	36.11 3.03 -0.45	37.85 2.95 -4.64	35.37 3.22 -0.04	34.40 3.05 -1.15	40.72 3.70 0.00	47.50 4.37 0.00	39.18 3.37 0.00	40.08 3.16 0.00	60.24 4.47 0.00	57.85 4.17 0.00	53.25 3.84 0.00	36.80 2.67 0.00	32.66 2.41 0.00
GOWANUS_GT4_5 24134	61.00 4.39 -3.97	55.15 4.13 0.00	46.29 3.24 0.00	40.99 2.65 0.00	42.95 2.62 0.00	47.21 2.86 0.00	52.50 3.46 0.00	54.28 4.00 0.00	57.22 4.32 0.00	41.02 3.23 0.00	38.38 3.04 -2.27	36.11 3.03 -0.45	37.85 2.95 -4.64	35.37 3.22 -0.04	34.40 3.05 -1.15	40.72 3.70 0.00	47.50 4.37 0.00	39.18 3.37 0.00	40.08 3.16 0.00	60.24 4.47 0.00	57.85 4.17 0.00	53.25 3.84 0.00	36.80 2.67 0.00	32.66 2.41 0.00
GOWANUS_GT4_6 24135	61.00 4.39 -3.97	55.15 4.13 0.00	46.29 3.24 0.00	40.99 2.65 0.00	42.95 2.62 0.00	47.21 2.86 0.00	52.50 3.46 0.00	54.28 4.00 0.00	57.22 4.32 0.00	41.02 3.23 0.00	38.38 3.04 -2.27	36.11 3.03 -0.45	37.85 2.95 -4.64	35.37 3.22 -0.04	34.40 3.05 -1.15	40.72 3.70 0.00	47.50 4.37 0.00	39.18 3.37 0.00	40.08 3.16 0.00	60.24 4.47 0.00	57.85 4.17 0.00	53.25 3.84 0.00	36.80 2.67 0.00	32.66 2.41 0.00
GOWANUS_GT4_7 24136	61.00 4.39 -3.97	55.15 4.13 0.00	46.29 3.24 0.00	40.99 2.65 0.00	42.95 2.62 0.00	47.21 2.86 0.00	52.50 3.46 0.00	54.28 4.00 0.00	57.22 4.32 0.00	41.02 3.23 0.00	38.38 3.04 -2.27	36.11 3.03 -0.45	37.85 2.95 -4.64	35.37 3.22 -0.04	34.40 3.05 -1.15	40.72 3.70 0.00	47.50 4.37 0.00	39.18 3.37 0.00	40.08 3.16 0.00	60.24 4.47 0.00	57.85 4.17 0.00	53.25 3.84 0.00	36.80 2.67 0.00	32.66 2.41 0.00
GOWANUS_GT4_8 24137	61.00 4.39 -3.97	55.15 4.13 0.00	46.29 3.24 0.00	40.99 2.65 0.00	42.95 2.62 0.00	47.21 2.86 0.00	52.50 3.46 0.00	54.28 4.00 0.00	57.22 4.32 0.00	41.02 3.23 0.00	38.38 3.04 -2.27	36.11 3.03 -0.45	37.85 2.95 -4.64	35.37 3.22 -0.04	34.40 3.05 -1.15	40.72 3.70 0.00	47.50 4.37 0.00	39.18 3.37 0.00	40.08 3.16 0.00	60.24 4.47 0.00	57.85 4.17 0.00	53.25 3.84 0.00	36.80 2.67 0.00	32.66 2.41 0.00
GREENBSH_115KV_TB3 55895	55.21 1.49 -1.08	52.50 1.48 0.00	44.28 1.23 0.00	39.43 1.10 0.00	41.45 1.12 0.00	45.43 1.08 0.00	50.16 1.12 0.00	51.42 1.14 0.00	53.83 0.93 0.00	38.69 0.90 0.00	33.88 0.81 0.00	33.42 0.79 0.00	30.99 0.73 0.00	32.80 0.69 0.00	30.97 0.77 0.00	37.96 0.94 0.00	44.18 1.04 0.00	36.67 0.86 0.00	37.68 0.77 0.00	56.69 0.92 0.00	54.75 1.07 0.00	50.44 1.03 0.00	34.95 0.82 0.00	30.96 0.71 0.00
GREENDGE_115KV_TB5 80291	23.02 -1.49 28.12	49.91 -1.11 0.00	42.11 -0.94 0.00	37.62 -0.72 0.00	39.65 -0.68 0.00	43.74 -0.61 0.00	48.43 -0.61 0.00	51.82 -0.76 -2.30	78.84 -1.07 -27.01	56.25 -1.16 -19.63	32.74 -1.25 -0.91	31.36 -1.27 0.00	29.26 -1.23 -0.23	30.99 -1.13 0.00	28.97 -1.23 0.00	35.56 -1.36 0.10	40.31 -1.56 1.26	34.51 -1.27 0.04	35.98 -1.00 -0.06	75.35 -0.66 -20.25	76.96 -0.35 -23.63	55.93 -0.35 -6.86	35.85 -0.36 -2.08	32.17 -0.35 -2.27
GREENIDGE___3 23582	23.02 -1.49 28.12	49.91 -1.11 0.00	42.11 -0.94 0.00	37.62 -0.72 0.00	39.65 -0.68 0.00	43.74 -0.61 0.00	48.43 -0.61 0.00	51.82 -0.76 -2.30	78.84 -1.07 -27.01	56.25 -1.16 -19.63	32.74 -1.25 -0.91	31.36 -1.27 0.00	29.26 -1.23 -0.23	30.99 -1.13 0.00	28.97 -1.23 0.00	35.56 -1.36 0.10	40.31 -1.56 1.26	34.51 -1.27 0.04	35.98 -1.00 -0.06	75.35 -0.66 -20.25	76.96 -0.35 -23.63	55.93 -0.35 -6.86	35.85 -0.36 -2.08	32.17 -0.35 -2.27
GREENIDGE___4 23583	22.96 -1.55 28.12	49.91 -1.11 0.00	42.11 -0.94 0.00	37.62 -0.72 0.00	39.65 -0.68 0.00	43.74 -0.61 0.00	48.43 -0.61 0.00	51.82 -0.76 -2.30	78.87 -1.04 -27.01	56.26 -1.16 -19.63	32.74 -1.25 -0.91	31.36 -1.27 0.00	29.26 -1.22 -0.23	30.99 -1.13 0.00	28.97 -1.23 0.00	35.57 -1.35 0.10	40.32 -1.55 1.26	34.51 -1.27 0.04	35.98 -1.00 -0.06	75.37 -0.65 -20.25	76.98 -0.33 -23.63	55.94 -0.34 -6.86	35.84 -0.37 -2.08	32.17 -0.35 -2.27
GREENLWN_69_KV_BK 3 55738	60.73 4.12 -3.97	55.42 4.40 0.00	46.68 3.64 0.00	41.31 2.97 0.00	43.23 2.90 0.00	47.57 3.23 0.00	52.74 3.70 0.00	54.29 4.02 0.00	57.27 4.37 0.00	41.19 3.40 0.00	39.61 3.36 -3.18	98.73 3.39 -62.71	45.11 3.22 -11.64	53.11 3.46 -17.53	80.20 3.32 -46.68	53.73 4.03 -12.68	50.26 4.71 -2.41	39.20 3.39 0.00	40.24 3.33 0.00	60.25 4.47 0.00	79.90 4.06 -22.16	53.27 3.86 0.00	36.61 2.47 0.00	32.73 2.48 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	61.04 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.52 3.48 0.00	54.32 4.04 0.00	57.26 4.35 0.00	41.04 3.25 0.00	38.40 3.06 -2.27	36.13 3.06 -0.45	37.86 2.97 -4.64	35.38 3.23 -0.04	34.42 3.07 -1.15	40.73 3.71 0.00	47.53 4.40 0.00	39.21 3.39 0.00	40.10 3.18 0.00	60.26 4.49 0.00	57.88 4.20 0.00	53.28 3.86 0.00	36.82 2.68 0.00	32.67 2.42 0.00
GRISSOM___SOLAR 323813	58.68 2.22 -3.82	53.17 2.15 0.00	44.84 1.79 0.00	39.91 1.58 0.00	42.02 1.68 0.00	46.26 1.92 0.00	51.01 1.96 0.00	51.58 1.31 0.00	53.93 1.03 0.00	38.59 0.80 0.00	33.38 0.32 0.00	32.73 0.10 0.00	30.33 0.07 0.00	32.11 0.00 0.00	30.33 0.13 0.00	37.24 0.22 0.00	43.52 0.39 0.00	36.23 0.41 0.00	37.28 0.37 0.00	57.80 2.03 0.00	56.20 2.52 0.00	51.76 2.34 0.00	35.76 1.62 0.00	31.59 1.35 0.00
GROVEVILLE___HYD 323602	60.88 4.31 -3.94	54.98 3.97 0.00	46.21 3.16 0.00	40.97 2.63 0.00	42.97 2.64 0.00	47.24 2.89 0.00	52.42 3.38 0.00	54.09 3.81 0.00	57.02 4.12 0.00	40.80 3.02 0.00	35.86 2.79 0.00	35.41 2.78 0.00	32.92 2.66 0.00	34.94 2.83 0.00	32.87 2.67 0.00	40.30 3.28 0.00	47.05 3.92 0.00	38.92 3.11 0.00	39.93 3.02 0.00	60.04 4.26 0.00	57.83 4.15 0.00	53.17 3.76 0.00	36.66 2.53 0.00	32.43 2.18 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	47.72 -0.65 4.26	50.47 -0.55 0.00	42.57 -0.48 0.00	37.93 -0.41 0.00	39.93 -0.40 0.00	43.97 -0.38 0.00	48.62 -0.42 0.00	49.78 -0.50 0.00	52.23 -0.67 0.00	37.18 -0.60 0.00	32.46 -0.60 0.00	31.98 -0.64 0.00	29.59 -0.67 0.00	31.44 -0.67 0.00	29.52 -0.68 0.00	36.39 -0.63 0.00	42.45 -0.68 0.00	35.19 -0.62 0.00	36.40 -0.51 0.00	55.20 -0.57 0.00	53.23 -0.45 0.00	49.03 -0.38 0.00	33.86 -0.28 0.00	30.04 -0.20 0.00
HAMLTNNY_34_KV_TB 80303	46.74 -0.64 5.25	50.50 -0.52 0.00	42.58 -0.47 0.00	37.96 -0.38 0.00	39.95 -0.38 0.00	44.00 -0.34 0.00	48.68 -0.37 0.00	49.87 -0.41 0.00	52.29 -0.61 0.00	37.20 -0.58 0.00	32.45 -0.62 0.00	32.01 -0.62 0.00	29.61 -0.65 0.00	31.48 -0.63 0.00	29.54 -0.66 0.00	36.31 -0.71 0.00	42.32 -0.82 0.00	35.10 -0.71 0.00	36.33 -0.58 0.00	55.19 -0.58 0.00	53.29 -0.39 0.00	49.10 -0.31 0.00	33.90 -0.24 0.00	30.05 -0.19 0.00

HAMPSHIRE___PAPER_HYD 323593	51.18 -1.49 -0.03	49.51 -1.51 0.00	41.78 -1.27 0.00	37.34 -1.00 0.00	39.70 -0.63 0.00	43.68 -0.66 0.00	48.27 -0.77 0.00	49.20 -1.08 0.00	51.31 -1.59 0.00	36.53 -1.25 0.00	31.92 -1.15 0.00	31.46 -1.17 0.00	29.21 -1.05 0.00	30.96 -1.15 0.00	28.99 -1.21 0.00	35.32 -1.70 0.00	41.20 -1.93 0.00	34.35 -1.46 0.00	35.66 -1.25 0.00	54.48 -1.29 0.00	52.88 -0.80 0.00	48.91 -0.51 0.00	33.83 -0.31 0.00	29.91 -0.34 0.00
HARDSCRABBLE_WT_PWR 323673	55.07 2.44 0.00	53.79 2.77 0.00	45.46 2.42 0.00	40.50 2.16 0.00	42.62 2.29 0.00	46.71 2.36 0.00	51.24 2.20 0.00	52.45 2.17 0.00	54.66 1.76 0.00	39.61 1.83 0.00	34.38 1.32 0.00	33.69 1.07 0.00	30.96 0.70 0.00	32.90 0.79 0.00	31.07 0.87 0.00	37.86 0.84 0.00	44.29 1.16 0.00	36.70 0.88 0.00	37.70 0.78 0.00	57.64 1.87 0.00	56.21 2.54 0.00	51.82 2.40 0.00	35.95 1.82 0.00	31.70 1.45 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	60.98 4.16 -4.18	54.79 3.77 0.00	46.05 3.00 0.00	40.82 2.49 0.00	42.81 2.47 0.00	47.07 2.72 0.00	52.22 3.19 0.00	53.91 3.63 0.00	56.83 3.93 0.00	40.68 2.90 0.00	32.90 2.71 2.88	34.76 2.71 0.57	26.96 2.58 5.87	34.80 2.74 0.05	31.34 2.61 1.46	40.23 3.21 0.00	46.92 3.79 0.00	38.76 2.94 0.00	39.75 2.83 0.00	59.76 3.99 0.00	57.57 3.89 0.00	52.91 3.49 0.00	36.48 2.34 0.00	32.31 2.06 0.00
HARSNRAD_115KV_TB1 81005	33.15 -4.84 14.65	46.34 -4.68 0.00	39.07 -3.98 0.00	34.99 -3.35 0.00	36.76 -3.57 0.00	40.66 -3.69 0.00	44.68 -4.36 0.00	44.09 -4.66 1.53	29.86 -4.91 18.13	20.63 -3.99 13.16	28.65 -3.81 0.62	29.00 -3.62 0.00	26.62 -3.48 0.15	28.67 -3.44 0.00	26.78 -3.42 0.00	32.21 -3.98 0.83	27.90 -4.44 10.79	31.90 -3.58 0.33	33.07 -3.77 0.07	36.84 -5.43 13.50	33.04 -4.87 15.76	40.19 -4.65 4.58	29.58 -3.17 1.38	26.02 -2.71 1.52
HARZA MOOSE___RIVER 24016	52.80 0.12 -0.04	50.97 -0.05 0.00	42.89 -0.15 0.00	38.29 -0.05 0.00	40.72 0.39 0.00	44.81 0.46 0.00	49.49 0.45 0.00	50.54 0.27 0.00	52.83 -0.06 0.00	37.49 -0.29 0.00	32.65 -0.42 0.00	32.12 -0.51 0.00	29.84 -0.42 0.00	31.63 -0.48 0.00	29.62 -0.58 0.00	36.30 -0.72 0.00	42.39 -0.75 0.00	35.30 -0.52 0.00	36.73 -0.18 0.00	56.42 0.64 0.00	54.75 1.07 0.00	50.60 1.18 0.00	34.92 0.78 0.00	30.76 0.52 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	48.90 -0.92 2.81	50.19 -0.83 0.00	42.32 -0.73 0.00	37.71 -0.63 0.00	39.70 -0.63 0.00	43.71 -0.64 0.00	48.35 -0.69 0.00	49.56 -0.72 0.00	52.08 -0.82 0.00	37.10 -0.68 0.00	32.43 -0.64 0.00	31.98 -0.65 0.00	29.64 -0.62 0.00	31.49 -0.63 0.00	29.56 -0.63 0.00	36.30 -0.72 0.00	42.27 -0.86 0.00	35.04 -0.78 0.00	36.20 -0.71 0.00	54.88 -0.90 0.00	52.89 -0.78 0.00	48.71 -0.71 0.00	33.64 -0.49 0.00	29.86 -0.39 0.00
HELLGATE_13_KV_LD 55870	61.22 4.62 -3.97	55.28 4.27 0.00	46.44 3.39 0.00	41.11 2.78 0.00	43.09 2.75 0.00	47.38 3.04 0.00	52.71 3.67 0.00	54.54 4.26 0.00	57.49 4.58 0.00	41.20 3.42 0.00	38.54 3.20 -2.27	36.28 3.20 -0.45	37.95 3.05 -4.64	35.47 3.32 -0.04	34.49 3.14 -1.15	40.80 3.78 0.00	47.57 4.44 0.00	39.26 3.45 0.00	40.15 3.24 0.00	60.30 4.53 0.00	57.95 4.27 0.00	53.31 3.90 0.00	36.82 2.68 0.00	32.69 2.44 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	61.22 4.62 -3.97	55.28 4.27 0.00	46.44 3.39 0.00	41.11 2.78 0.00	43.09 2.75 0.00	47.38 3.04 0.00	52.71 3.67 0.00	54.54 4.26 0.00	57.49 4.58 0.00	41.20 3.42 0.00	38.54 3.20 -2.27	36.28 3.20 -0.45	37.95 3.05 -4.64	35.47 3.32 -0.04	34.49 3.14 -1.15	40.80 3.78 0.00	47.57 4.44 0.00	39.26 3.45 0.00	40.15 3.24 0.00	60.30 4.53 0.00	57.95 4.27 0.00	53.31 3.90 0.00	36.82 2.68 0.00	32.69 2.44 0.00
HEMPSTEAD___ 23647	61.08 4.48 -3.97	55.44 4.42 0.00	46.57 3.52 0.00	41.22 2.88 0.00	43.17 2.84 0.00	47.48 3.14 0.00	52.71 3.67 0.00	54.37 4.09 0.00	57.27 4.37 0.00	41.05 3.27 -3.18	39.49 3.24 -62.71	98.62 3.28 -11.64	45.00 3.10 -17.53	52.97 3.33 -46.68	80.05 3.17 -12.68	53.56 3.86 -2.41	50.03 4.49 0.00	39.19 3.38 0.00	40.23 3.31 0.00	60.32 4.55 0.00	57.91 4.23 0.00	53.31 3.89 0.00	36.65 2.51 0.00	32.64 2.40 0.00
HICKLING___1 23621	7.13 -2.12 43.39	49.66 -1.36 0.00	41.94 -1.11 0.00	37.48 -0.86 0.00	39.59 -0.75 0.00	43.54 -0.81 0.00	48.13 -0.92 0.00	50.31 -0.99 -1.03	63.76 -1.16 -12.02	45.40 -1.13 -8.74	32.33 -1.15 -0.41	31.49 -1.14 0.00	29.27 -1.09 -0.10	31.26 -0.85 0.00	29.15 -1.04 0.00	35.79 -1.04 0.18	39.63 -1.16 2.34	34.75 -1.00 0.07	36.11 -0.82 -0.02	64.32 -0.46 -9.01	63.86 -0.33 -10.52	52.03 -0.44 -3.05	34.60 -0.46 -0.93	30.87 -0.39 -1.01
HICKLING___2 23622	7.13 -2.12 43.39	49.66 -1.36 0.00	41.94 -1.11 0.00	37.48 -0.86 0.00	39.59 -0.75 0.00	43.54 -0.81 0.00	48.13 -0.92 0.00	50.31 -0.99 -1.03	63.76 -1.16 -12.02	45.40 -1.13 -8.74	32.33 -1.15 -0.41	31.49 -1.14 0.00	29.27 -1.09 -0.10	31.26 -0.85 0.00	29.15 -1.04 0.00	35.79 -1.04 0.18	39.63 -1.16 2.34	34.75 -1.00 0.07	36.11 -0.82 -0.02	64.32 -0.46 -9.01	63.86 -0.33 -10.52	52.03 -0.44 -3.05	34.60 -0.46 -0.93	30.87 -0.39 -1.01
HIGH FALLS___HY 23754	60.91 4.19 -4.09	54.85 3.83 0.00	46.09 3.04 0.00	40.85 2.51 0.00	42.85 2.52 0.00	47.13 2.78 0.00	52.34 3.30 0.00	54.21 3.93 0.00	57.15 4.25 0.00	40.83 3.05 0.00	35.46 2.81 0.42	35.33 2.78 0.08	32.04 2.64 0.86	34.91 2.81 0.01	32.49 2.50 0.21	40.11 3.09 0.00	46.91 3.78 0.00	38.88 3.06 0.00	39.93 3.02 0.00	60.13 4.36 0.00	57.90 4.22 0.00	53.21 3.80 0.00	36.64 2.51 0.00	32.41 2.17 0.00
HIGH_RIVER___SOLAR 323847	55.67 1.89 -1.15	52.86 1.84 0.00	44.58 1.53 0.00	39.68 1.35 0.00	41.75 1.41 0.00	45.89 1.55 0.00	50.62 1.58 0.00	51.55 1.28 0.00	53.83 0.93 0.00	38.52 0.74 0.00	33.51 0.44 0.00	32.88 0.25 0.00	30.45 0.20 0.00	32.27 0.16 0.00	30.50 0.30 0.00	37.48 0.46 0.00	43.81 0.68 0.00	36.47 0.65 0.00	37.58 0.66 0.00	57.50 1.73 0.00	55.70 2.02 0.00	51.29 1.87 0.00	35.44 1.30 0.00	31.35 1.10 0.00
HILLBURN___GT 23639	60.93 4.16 -4.13	54.77 3.75 0.00	46.01 2.97 0.00	40.80 2.46 0.00	42.77 2.44 0.00	47.04 2.69 0.00	52.21 3.17 0.00	53.91 3.64 0.00	56.84 3.94 0.00	40.69 2.91 0.00	32.51 2.72 3.28	34.68 2.71 0.65	26.13 2.56 6.69	34.78 2.73 0.06	31.15 2.61 1.66	40.22 3.20 0.00	46.92 3.79 0.00	38.71 2.90 0.00	39.67 2.76 0.00	59.63 3.86 0.00	57.42 3.75 0.00	52.82 3.40 0.00	36.43 2.30 0.00	32.27 2.02 0.00
HILLSIDE_115KV_TB1 80332	-0.73 -2.53 50.83	49.36 -1.66 0.00	41.68 -1.36 0.00	37.22 -1.12 0.00	39.34 -1.00 0.00	43.20 -1.14 0.00	47.73 -1.31 0.00	49.84 -1.32 -0.89	62.04 -1.26 -10.40	44.17 -1.18 -7.56	32.29 -1.13 -0.35	31.59 -1.04 0.00	29.35 -1.00 -0.09	31.35 -0.77 0.00	29.22 -0.98 0.00	35.87 -0.99 0.16	39.96 -1.05 2.12	34.79 -0.96 0.07	36.02 -0.91 -0.02	62.79 -0.77 -7.79	62.11 -0.67 -9.10	51.37 -0.69 -2.64	34.34 -0.60 -0.80	30.62 -0.51 -0.88

HISHELDN_WT_PWR 323625	28.78 -4.10 19.76	47.36 -3.66 0.00	39.98 -3.07 0.00	35.80 -2.54 0.00	37.68 -2.65 0.00	41.59 -2.76 0.00	45.77 -3.27 0.00	42.52 -3.66 4.10	0.69 -4.14 48.07	-0.59 -3.45 34.92	28.21 -3.22 1.63	29.57 -3.06 0.00	26.94 -2.91 0.41	29.34 -2.77 0.00	27.37 -2.83 0.00	33.26 -3.24 0.51	32.77 -3.66 6.70	32.62 -2.99 0.21	33.75 -3.03 0.13	15.80 -3.98 35.98	8.12 -3.56 42.00	33.80 -3.42 12.19	27.96 -2.48 3.69	24.04 -2.16 4.04
HOLTSVILLE_IC_1 23690	60.95 4.35 -3.97	55.80 4.78 0.00	46.92 3.88 0.00	41.51 3.18 0.00	43.43 3.10 0.00	47.83 3.48 0.00	53.07 4.03 0.00	54.64 4.36 0.00	57.50 4.61 0.00	41.39 3.61 0.00	39.77 3.52 -3.18	98.98 3.64 -62.71	45.33 3.44 -11.64	53.41 3.77 -17.53	80.52 3.64 -46.68	54.15 4.45 -12.68	50.79 5.25 -2.42	39.63 3.81 0.00	40.70 3.79 0.00	60.98 5.20 -0.01	232.71 4.82 -174.21	53.84 4.42 0.00	36.96 2.82 0.00	33.07 2.83 0.00
HOLTSVILLE_IC_10 23699	61.22 4.62 -3.97	56.06 5.04 0.00	47.04 4.00 0.00	41.62 3.29 0.00	43.54 3.21 0.00	47.95 3.60 0.00	53.25 4.21 0.00	54.81 4.54 0.00	57.65 4.75 0.00	41.50 3.72 0.00	39.87 3.63 -3.18	99.14 3.80 -62.71	45.46 3.56 -11.64	53.61 3.97 -17.53	80.73 3.85 -46.68	54.43 4.73 -12.68	51.15 5.60 -2.42	39.91 4.09 0.00	40.91 4.00 0.00	61.25 5.48 -0.01	199.17 5.12 -140.37	54.08 4.67 0.00	37.10 2.96 0.00	33.20 2.95 0.00
HOLTSVILLE_IC_2 23691	60.95 4.35 -3.97	55.80 4.78 0.00	46.92 3.88 0.00	41.51 3.18 0.00	43.43 3.10 0.00	47.83 3.48 0.00	53.07 4.03 0.00	54.64 4.36 0.00	57.50 4.61 0.00	41.39 3.61 0.00	39.77 3.52 -3.18	98.98 3.64 -62.71	45.33 3.44 -11.64	53.41 3.77 -17.53	80.52 3.64 -46.68	54.15 4.45 -12.68	50.79 5.25 -2.42	39.63 3.81 0.00	40.70 3.79 0.00	60.98 5.20 -0.01	232.71 4.82 -174.21	53.84 4.42 0.00	36.96 2.82 0.00	33.07 2.83 0.00
HOLTSVILLE_IC_3 23692	60.95 4.35 -3.97	55.80 4.78 0.00	46.92 3.88 0.00	41.51 3.18 0.00	43.43 3.10 0.00	47.83 3.48 0.00	53.07 4.03 0.00	54.64 4.36 0.00	57.50 4.61 0.00	41.39 3.61 0.00	39.77 3.52 -3.18	98.98 3.64 -62.71	45.33 3.44 -11.64	53.41 3.77 -17.53	80.52 3.64 -46.68	54.15 4.45 -12.68	50.79 5.25 -2.42	39.63 3.81 0.00	40.70 3.79 0.00	60.98 5.20 -0.01	232.71 4.82 -174.21	53.84 4.42 0.00	36.96 2.82 0.00	33.07 2.83 0.00
HOLTSVILLE_IC_4 23693	60.95 4.35 -3.97	55.80 4.78 0.00	46.92 3.88 0.00	41.51 3.18 0.00	43.43 3.10 0.00	47.83 3.48 0.00	53.07 4.03 0.00	54.64 4.36 0.00	57.50 4.61 0.00	41.39 3.61 0.00	39.77 3.52 -3.18	98.98 3.64 -62.71	45.33 3.44 -11.64	53.41 3.77 -17.53	80.52 3.64 -46.68	54.15 4.45 -12.68	50.79 5.25 -2.42	39.63 3.81 0.00	40.70 3.79 0.00	60.98 5.20 -0.01	232.71 4.82 -174.21	53.84 4.42 0.00	36.96 2.82 0.00	33.07 2.83 0.00
HOLTSVILLE_IC_5 23694	60.95 4.35 -3.97	55.80 4.78 0.00	46.92 3.88 0.00	41.51 3.18 0.00	43.43 3.10 0.00	47.83 3.48 0.00	53.07 4.03 0.00	54.64 4.36 0.00	57.50 4.61 0.00	41.39 3.61 0.00	39.77 3.52 -3.18	98.98 3.64 -62.71	45.33 3.44 -11.64	53.41 3.77 -17.53	80.52 3.64 -46.68	54.15 4.45 -12.68	50.79 5.25 -2.42	39.63 3.81 0.00	40.70 3.79 0.00	60.98 5.20 -0.01	232.71 4.82 -174.21	53.84 4.42 0.00	36.96 2.82 0.00	33.07 2.83 0.00
HOLTSVILLE_IC_6 23695	61.22 4.62 -3.97	56.06 5.04 0.00	47.04 4.00 0.00	41.62 3.29 0.00	43.54 3.21 0.00	47.95 3.60 0.00	53.25 4.21 0.00	54.81 4.54 0.00	57.65 4.75 0.00	41.50 3.72 0.00	39.87 3.63 -3.18	99.14 3.80 -62.71	45.46 3.56 -11.64	53.61 3.97 -17.53	80.73 3.85 -46.68	54.43 4.73 -12.68	51.15 5.60 -2.42	39.91 4.09 0.00	40.91 4.00 0.00	61.25 5.48 -0.01	199.17 5.12 -140.37	54.08 4.67 0.00	37.10 2.96 0.00	33.20 2.95 0.00
HOLTSVILLE_IC_7 23696	61.22 4.62 -3.97	56.06 5.04 0.00	47.04 4.00 0.00	41.62 3.29 0.00	43.54 3.21 0.00	47.95 3.60 0.00	53.25 4.21 0.00	54.81 4.54 0.00	57.65 4.75 0.00	41.50 3.72 0.00	39.87 3.63 -3.18	99.14 3.80 -62.71	45.46 3.56 -11.64	53.61 3.97 -17.53	80.73 3.85 -46.68	54.43 4.73 -12.68	51.15 5.60 -2.42	39.91 4.09 0.00	40.91 4.00 0.00	61.25 5.48 -0.01	199.17 5.12 -140.37	54.08 4.67 0.00	37.10 2.96 0.00	33.20 2.95 0.00
HOLTSVILLE_IC_8 23697	61.22 4.62 -3.97	56.06 5.04 0.00	47.04 4.00 0.00	41.62 3.29 0.00	43.54 3.21 0.00	47.95 3.60 0.00	53.25 4.21 0.00	54.81 4.54 0.00	57.65 4.75 0.00	41.50 3.72 0.00	39.87 3.63 -3.18	99.14 3.80 -62.71	45.46 3.56 -11.64	53.61 3.97 -17.53	80.73 3.85 -46.68	54.43 4.73 -12.68	51.15 5.60 -2.42	39.91 4.09 0.00	40.91 4.00 0.00	61.25 5.48 -0.01	199.17 5.12 -140.37	54.08 4.67 0.00	37.10 2.96 0.00	33.20 2.95 0.00
HOLTSVILLE_IC_9 23698	61.22 4.62 -3.97	56.06 5.04 0.00	47.04 4.00 0.00	41.62 3.29 0.00	43.54 3.21 0.00	47.95 3.60 0.00	53.25 4.21 0.00	54.81 4.54 0.00	57.65 4.75 0.00	41.50 3.72 0.00	39.87 3.63 -3.18	99.14 3.80 -62.71	45.46 3.56 -11.64	53.61 3.97 -17.53	80.73 3.85 -46.68	54.43 4.73 -12.68	51.15 5.60 -2.42	39.91 4.09 0.00	40.91 4.00 0.00	61.25 5.48 -0.01	199.17 5.12 -140.37	54.08 4.67 0.00	37.10 2.96 0.00	33.20 2.95 0.00
HOMER_HL_115KV_TB2 355744	30.96 -3.75 17.93	47.78 -3.24 0.00	40.37 -2.68 0.00	36.11 -2.22 0.00	38.11 -2.22 0.00	41.87 -2.48 0.00	46.24 -2.80 0.00	45.57 -2.97 1.73	29.10 -3.40 20.40	20.08 -2.89 14.82	29.66 -2.72 0.69	30.23 -2.39 0.00	27.84 -2.24 0.17	30.04 -2.07 0.00	27.98 -2.22 0.00	34.06 -2.39 0.56	33.07 -2.74 7.32	33.14 -2.45 0.23	34.18 -2.67 0.07	36.98 -3.56 15.23	32.65 -3.25 17.77	41.20 -3.05 5.16	30.35 -2.22 1.56	26.62 -1.91 1.71
HOWARD_WT_PWR 323690	19.14 -3.06 30.43	48.36 -2.66 0.00	40.95 -2.09 0.00	36.73 -1.61 0.00	38.67 -1.67 0.00	42.84 -1.50 0.00	47.32 -1.72 0.00	53.68 -2.18 -5.59	115.46 -2.97 -65.53	82.65 -2.75 -47.62	32.62 -2.67 -2.22	30.14 -2.49 -0.01	28.51 -2.31 -0.56	29.99 -2.13 0.00	28.04 -2.16 0.00	34.42 -2.40 0.19	37.80 -2.79 2.54	33.51 -2.23 0.08	35.08 -1.98 -0.15	103.05 -1.84 -49.11	109.40 -1.60 -57.32	64.38 -1.68 -16.64	37.81 -1.36 -5.04	34.59 -1.17 -5.52
HQ_GEN_CEDARS 23644	52.08 -0.56 0.00	50.41 -0.61 0.00	42.70 -0.35 0.00	38.13 -0.21 0.00	40.20 -0.14 0.00	44.26 -0.09 0.00	48.99 -0.05 0.00	50.00 -0.27 0.00	52.37 -0.53 0.00	37.42 -0.36 0.00	32.81 -0.26 0.00	32.39 -0.24 0.00	29.98 -0.28 0.00	31.81 -0.30 0.00	29.85 -0.35 0.00	36.36 -0.65 0.00	42.53 -0.60 0.00	35.60 -0.21 0.00	36.82 -0.09 0.00	55.53 -0.24 0.00	53.42 -0.26 0.00	49.12 -0.29 0.00	33.93 -0.20 0.00	30.01 -0.23 0.00
HQ_GEN_CEDARS_PROXY 323590	52.10 -0.53 0.00	50.41 -0.61 0.00	42.70 -0.35 0.00	38.13 -0.20 0.00	40.20 -0.14 0.00	44.26 -0.09 0.00	48.99 -0.05 0.00	49.74 -0.27 0.27	52.35 -0.55 0.00	37.42 -0.37 0.00	32.81 -0.26 0.00	32.39 -0.23 0.00	29.98 -0.28 0.00	31.81 -0.30 0.00	29.85 -0.35 0.00	36.37 -0.65 0.00	42.53 -0.61 0.00	35.60 -0.21 0.00	36.82 -0.09 0.00	55.53 -0.24 0.00	53.42 -0.26 0.00	49.12 -0.30 0.00	33.94 -0.20 0.00	30.02 -0.23 0.00

HQ_GEN_CHPE_PROXY 323851	60.90 4.29 -3.97	54.95 3.93 0.00	42.62 3.10 3.52	40.88 2.54 0.00	42.84 2.50 0.00	53.70 2.75 -6.60	52.35 3.31 0.00	54.13 3.85 0.00	57.06 4.16 0.00	40.89 3.11 0.00	38.28 2.94 -2.27	36.01 2.93 -0.45	37.69 2.80 -4.64	35.16 3.01 -0.04	34.23 2.89 -1.15	40.51 3.49 0.00	47.22 4.09 0.00	38.98 3.17 0.00	39.89 2.97 0.00	59.90 4.13 0.00	57.61 3.93 0.00	52.98 3.57 0.00	36.58 2.45 0.00	32.46 2.21 0.00
HQ_GEN_IMPORT 323601	52.48 -0.15 0.00	50.83 -0.19 0.00	39.40 -0.12 3.52	38.24 -0.10 0.00	40.23 -0.10 0.00	44.26 -0.09 0.00	48.97 -0.07 0.00	50.18 -0.10 0.00	52.85 -0.05 0.00	37.74 -0.05 0.00	33.03 -0.03 0.00	32.61 -0.02 0.00	30.23 -0.03 0.00	32.08 -0.03 0.00	30.16 -0.04 0.00	36.93 -0.09 0.00	43.06 -0.07 0.00	35.85 0.03 0.00	36.97 0.05 0.00	55.83 0.05 0.00	53.60 -0.08 0.00	49.31 -0.10 0.00	34.04 -0.10 0.00	30.14 -0.11 0.00
HQ_GEN_WHEEL 23651	52.48 -0.15 0.00	50.83 -0.19 0.00	39.40 -0.12 3.52	38.24 -0.10 0.00	40.23 -0.10 0.00	44.26 -0.09 0.00	48.97 -0.07 0.00	50.18 -0.10 0.00	52.85 -0.05 0.00	37.74 -0.05 0.00	33.03 -0.03 0.00	32.61 -0.02 0.00	30.23 -0.03 0.00	32.08 -0.03 0.00	30.16 -0.04 0.00	36.93 -0.09 0.00	43.06 -0.07 0.00	35.85 0.03 0.00	36.97 0.05 0.00	55.83 0.05 0.00	53.60 -0.08 0.00	49.31 -0.10 0.00	34.04 -0.10 0.00	30.14 -0.11 0.00
HUDSON_AVE_GT_3 23810	60.93 4.33 -3.97	54.98 3.96 0.00	46.17 3.12 0.00	40.89 2.56 0.00	42.86 2.52 0.00	47.13 2.78 0.00	52.39 3.35 0.00	54.18 3.91 0.00	57.23 4.33 0.00	41.01 3.23 0.00	38.38 3.04 -2.27	36.11 3.03 -0.45	37.79 2.89 -4.64	35.26 3.11 -0.04	34.32 2.98 -1.15	40.62 3.60 0.00	47.34 4.22 0.00	39.09 3.27 0.00	39.99 3.08 0.00	60.07 4.30 0.00	57.76 4.08 0.00	53.11 3.70 0.00	36.66 2.53 0.00	32.52 2.27 0.00
HUDSON_AVE_GT_4 23540	60.93 4.33 -3.97	54.98 3.96 0.00	46.17 3.12 0.00	40.89 2.56 0.00	42.86 2.52 0.00	47.13 2.78 0.00	52.39 3.35 0.00	54.18 3.91 0.00	57.23 4.33 0.00	41.01 3.23 0.00	38.38 3.04 -2.27	36.11 3.03 -0.45	37.79 2.89 -4.64	35.26 3.11 -0.04	34.32 2.98 -1.15	40.62 3.60 0.00	47.34 4.22 0.00	39.09 3.27 0.00	39.99 3.08 0.00	60.07 4.30 0.00	57.76 4.08 0.00	53.11 3.70 0.00	36.66 2.53 0.00	32.52 2.27 0.00
HUDSON_AVE_GT_5 23657	60.93 4.33 -3.97	54.98 3.96 0.00	46.17 3.12 0.00	40.89 2.56 0.00	42.86 2.52 0.00	47.13 2.78 0.00	52.39 3.35 0.00	54.18 3.91 0.00	57.23 4.33 0.00	41.01 3.23 0.00	38.38 3.04 -2.27	36.11 3.03 -0.45	37.79 2.89 -4.64	35.26 3.11 -0.04	34.32 2.98 -1.15	40.62 3.60 0.00	47.34 4.22 0.00	39.09 3.27 0.00	39.99 3.08 0.00	60.07 4.30 0.00	57.76 4.08 0.00	53.11 3.70 0.00	36.66 2.53 0.00	32.52 2.27 0.00
HUDSON_AVE_10 24168	60.83 4.23 -3.97	54.87 3.85 0.00	46.06 3.01 0.00	40.81 2.47 0.00	42.77 2.43 0.00	47.03 2.68 0.00	52.30 3.26 0.00	54.11 3.83 0.00	57.03 4.13 0.00	40.85 3.06 0.00	38.20 2.86 -2.27	35.92 2.85 -0.45	37.61 2.72 -4.63	35.06 2.92 -0.03	34.14 2.80 -1.14	40.39 3.38 0.01	47.08 3.96 0.01	38.87 3.06 0.01	39.76 2.86 0.01	59.73 3.96 0.00	57.45 3.78 0.00	52.83 3.42 0.01	36.50 2.36 0.00	32.38 2.13 0.00
HUDSON___115KV_TB 4 355613	56.05 2.35 -1.07	53.31 2.29 0.00	44.94 1.89 0.00	40.02 1.68 0.00	42.09 1.75 0.00	46.16 1.82 0.00	51.02 1.97 0.00	52.21 1.94 0.00	54.65 1.75 0.00	39.20 1.42 0.00	34.26 1.19 0.00	33.63 1.01 0.00	31.23 0.97 0.00	33.04 0.93 0.00	31.17 0.98 0.00	38.31 1.29 0.00	44.77 1.63 0.00	37.19 1.38 0.00	38.28 1.36 0.00	57.74 1.97 0.00	55.88 2.20 0.00	51.45 2.03 0.00	35.59 1.46 0.00	31.49 1.24 0.00
HUNTER MOUNT___DRP 323613	56.16 2.48 -1.05	53.43 2.41 0.00	45.04 2.00 0.00	40.11 1.78 0.00	42.18 1.85 0.00	46.29 1.95 0.00	51.16 2.12 0.00	52.39 2.11 0.00	54.81 1.92 0.00	39.30 1.52 0.00	34.36 1.29 0.00	33.67 1.05 0.00	31.29 1.04 0.00	33.09 0.98 0.00	31.23 1.03 0.00	38.42 1.40 0.00	44.91 1.78 0.00	37.33 1.51 0.00	38.41 1.50 0.00	57.95 2.17 0.00	56.11 2.43 0.00	51.65 2.24 0.00	35.73 1.59 0.00	31.58 1.33 0.00
HUNTINGTON_RES_REC 323705	60.94 4.34 -3.97	55.69 4.67 0.00	46.85 3.80 0.00	41.44 3.11 0.00	43.36 3.02 0.00	47.73 3.38 0.00	52.95 3.91 0.00	54.50 4.22 0.00	57.39 4.49 0.00	41.32 3.54 0.00	39.74 3.49 -3.18	98.92 3.58 -62.71	45.26 3.36 -11.64	53.31 3.66 -17.53	80.41 3.53 -46.68	54.01 4.31 -12.68	50.60 5.05 -2.41	39.45 3.63 0.00	40.50 3.58 0.00	60.58 4.81 0.00	116.30 4.45 -58.17	53.60 4.19 0.00	36.80 2.67 0.00	32.92 2.67 0.00
HUNTLEY___63 23557	33.24 -3.80 15.59	47.44 -3.58 0.00	39.96 -3.08 0.00	35.79 -2.55 0.00	37.60 -2.73 0.00	41.60 -2.74 0.00	45.79 -3.25 0.00	45.02 -3.51 1.75	28.41 -3.81 20.68	19.56 -3.20 15.02	29.29 -3.08 0.70	29.73 -2.89 0.00	27.27 -2.81 0.18	29.45 -2.66 0.00	27.39 -2.81 0.00	32.92 -3.37 0.72	29.91 -3.88 9.34	32.47 -3.06 0.29	33.67 -3.17 0.08	36.14 -4.62 15.01	32.00 -4.15 17.53	40.41 -3.91 5.10	29.92 -2.68 1.54	26.24 -2.32 1.69
HUNTLEY___64 23558	33.24 -3.80 15.59	47.44 -3.58 0.00	39.96 -3.08 0.00	35.79 -2.55 0.00	37.60 -2.73 0.00	41.60 -2.74 0.00	45.79 -3.25 0.00	45.02 -3.51 1.75	28.41 -3.81 20.68	19.56 -3.20 15.02	29.29 -3.08 0.70	29.73 -2.89 0.00	27.27 -2.81 0.18	29.45 -2.66 0.00	27.39 -2.81 0.00	32.92 -3.37 0.72	29.91 -3.88 9.34	32.47 -3.06 0.29	33.67 -3.17 0.08	36.14 -4.62 15.01	32.00 -4.15 17.53	40.41 -3.91 5.10	29.92 -2.68 1.54	26.24 -2.32 1.69
HUNTLEY___65 23559	33.24 -3.80 15.59	47.44 -3.58 0.00	39.96 -3.08 0.00	35.79 -2.55 0.00	37.60 -2.73 0.00	41.60 -2.74 0.00	45.79 -3.25 0.00	45.02 -3.51 1.75	28.41 -3.81 20.68	19.56 -3.20 15.02	29.29 -3.08 0.70	29.73 -2.89 0.00	27.27 -2.81 0.18	29.45 -2.66 0.00	27.39 -2.81 0.00	32.92 -3.37 0.72	29.91 -3.88 9.34	32.47 -3.06 0.29	33.67 -3.17 0.08	36.14 -4.62 15.01	32.00 -4.15 17.53	40.41 -3.91 5.10	29.92 -2.68 1.54	26.24 -2.32 1.69
HUNTLEY___66 23560	33.24 -3.80 15.59	47.44 -3.58 0.00	39.96 -3.08 0.00	35.79 -2.55 0.00	37.60 -2.73 0.00	41.60 -2.74 0.00	45.79 -3.25 0.00	45.02 -3.51 1.75	28.41 -3.81 20.68	19.56 -3.20 15.02	29.29 -3.08 0.70	29.73 -2.89 0.00	27.27 -2.81 0.18	29.45 -2.66 0.00	27.39 -2.81 0.00	32.92 -3.37 0.72	29.91 -3.88 9.34	32.47 -3.06 0.29	33.67 -3.17 0.08	36.14 -4.62 15.01	32.00 -4.15 17.53	40.41 -3.91 5.10	29.92 -2.68 1.54	26.24 -2.32 1.69
HUNTLEY___67 23561	32.17 -4.85 15.61	46.48 -4.54 0.00	39.19 -3.86 0.00	35.08 -3.26 0.00	36.85 -3.48 0.00	40.73 -3.62 0.00	44.82 -4.23 0.00	43.94 -4.52 1.82	26.70 -4.96 21.23	18.37 -3.98 15.43	28.70 -3.64 0.72	29.20 -3.43 0.00	26.80 -3.28 0.18	28.94 -3.17 0.00	27.00 -3.19 0.00	32.66 -3.74 0.62	30.77 -4.35 8.01	32.16 -3.41 0.25	33.28 -3.56 0.07	34.54 -5.32 15.91	30.23 -4.87 18.58	39.50 -4.52 5.39	29.40 -3.11 1.63	25.77 -2.69 1.79

HUNTLEY___68 23562	32.17 -4.85 15.61	46.48 -4.54 0.00	39.19 -3.86 0.00	35.08 -3.26 0.00	36.85 -3.48 0.00	40.73 -3.62 0.00	44.82 -4.23 0.00	43.94 -4.52 1.82	26.70 -4.96 21.23	18.37 -3.98 15.43	28.70 -3.64 0.72	29.20 -3.43 0.00	26.80 -3.28 0.18	28.94 -3.17 0.00	27.00 -3.19 0.00	32.66 -3.74 0.62	30.77 -4.35 8.01	32.16 -3.41 0.25	33.28 -3.56 0.07	34.54 -5.32 15.91	30.23 -4.87 18.58	39.50 -4.52 5.39	29.40 -3.11 1.63	25.77 -2.69 1.79
HYLAND___LFGE 323620	31.82 -0.56 20.26	50.69 -0.33 0.00	42.74 -0.30 0.00	38.22 -0.11 0.00	40.30 -0.04 0.00	44.61 0.27 0.00	49.31 0.27 0.00	54.98 -0.33 -5.04	109.68 -2.26 -59.04	77.93 -2.75 -42.90	32.41 -2.66 -2.00	29.99 -2.64 -0.01	28.19 -2.57 -0.50	29.59 -2.52 0.00	27.70 -2.49 0.00	34.07 -2.86 0.08	38.82 -3.21 1.10	33.24 -2.55 0.03	34.77 -2.28 -0.14	99.44 -0.58 -44.26	105.97 0.64 -51.65	65.08 0.67 -14.99	38.92 0.25 -4.54	35.33 0.12 -4.97
INDECK___CORINTH 23802	57.12 3.38 -1.11	54.33 3.31 0.00	45.66 2.62 0.00	40.69 2.35 0.00	42.84 2.51 0.00	47.05 2.70 0.00	51.96 2.92 0.00	53.36 3.09 0.00	55.84 2.94 0.00	39.82 2.04 0.00	34.66 1.59 0.00	34.13 1.50 0.00	31.68 1.42 0.00	33.54 1.43 0.00	31.60 1.40 0.00	39.06 2.05 0.00	45.61 2.48 0.00	37.84 2.03 0.00	38.95 2.03 0.00	59.07 3.30 0.00	57.24 3.56 0.00	52.76 3.34 0.00	36.39 2.26 0.00	32.16 1.91 0.00
INDECK___ILION 23567	55.88 3.24 0.00	54.60 3.58 0.00	46.10 3.06 0.00	41.03 2.70 0.00	43.18 2.85 0.00	47.30 2.95 0.00	51.83 2.79 0.00	52.91 2.64 0.00	54.97 2.07 0.00	39.99 2.21 0.00	34.67 1.60 0.00	33.93 1.31 0.00	31.13 0.87 0.00	33.12 1.01 0.00	31.28 1.08 0.00	38.15 1.14 0.00	44.69 1.56 0.00	37.04 1.23 0.00	38.02 1.11 0.00	58.26 2.48 0.00	56.95 3.27 0.00	52.56 3.14 0.00	36.44 2.31 0.00	32.11 1.87 0.00
INDECK___OLEAN 23982	30.90 -3.81 17.93	47.78 -3.24 0.00	40.37 -2.68 0.00	36.11 -2.22 0.00	38.11 -2.23 0.00	41.87 -2.48 0.00	46.25 -2.79 0.00	45.58 -2.97 1.73	29.20 -3.31 20.40	20.13 -2.84 14.82	29.67 -2.71 0.69	30.24 -2.39 0.00	27.86 -2.23 0.17	30.05 -2.06 0.00	27.98 -2.22 0.00	34.07 -2.38 0.56	33.15 -2.66 7.32	33.14 -2.44 0.23	34.18 -2.66 0.07	37.02 -3.52 15.23	32.70 -3.20 17.77	41.23 -3.03 5.16	30.34 -2.24 1.56	26.62 -1.91 1.71
INDECK___OSWEGO 23783	48.50 -1.45 2.68	49.65 -1.37 0.00	41.91 -1.14 0.00	37.32 -1.01 0.00	39.28 -1.06 0.00	43.25 -1.10 0.00	47.85 -1.20 0.00	49.04 -1.24 0.00	51.53 -1.37 0.00	36.69 -1.10 0.00	32.08 -0.99 0.00	31.63 -0.99 0.00	29.35 -0.91 0.00	31.16 -0.96 0.00	29.26 -0.94 0.00	35.89 -1.13 0.00	41.76 -1.37 0.00	34.55 -1.27 0.00	35.67 -1.25 0.00	54.08 -1.69 0.00	52.14 -1.53 0.00	48.09 -1.33 0.00	33.22 -0.92 0.00	29.50 -0.75 0.00
INDECK___YERKES 23781	33.25 -3.80 15.59	47.48 -3.54 0.00	40.01 -3.04 0.00	35.82 -2.51 0.00	37.64 -2.70 0.00	41.64 -2.71 0.00	45.84 -3.20 0.00	45.07 -3.46 1.75	28.59 -3.63 20.68	19.69 -3.08 15.02	29.33 -3.03 0.70	29.77 -2.85 0.00	27.35 -2.73 0.18	29.50 -2.61 0.00	27.42 -2.77 0.00	32.99 -3.31 0.72	30.02 -3.77 9.34	32.52 -3.01 0.29	33.72 -3.12 0.08	36.27 -4.49 15.01	32.13 -4.01 17.53	40.48 -3.83 5.10	29.94 -2.66 1.54	26.27 -2.29 1.69
INDIAN POINT_GT_1 24139	60.67 4.03 -4.01	54.71 3.69 0.00	45.97 2.92 0.00	40.74 2.41 0.00	42.72 2.38 0.00	46.96 2.61 0.00	52.13 3.09 0.00	53.82 3.54 0.00	56.73 3.83 0.00	40.62 2.84 0.00	38.31 2.67 -2.57	35.80 2.66 -0.51	38.05 2.55 -5.25	34.86 2.70 -0.04	34.08 2.59 -1.30	40.18 3.16 0.00	46.85 3.72 0.00	38.68 2.87 0.00	39.65 2.73 0.00	59.58 3.81 0.00	57.35 3.68 0.00	52.76 3.35 0.00	36.39 2.26 0.00	32.25 2.00 0.00
INDIAN POINT_GT_2 23659	60.67 4.03 -4.01	54.71 3.69 0.00	45.97 2.92 0.00	40.74 2.41 0.00	42.72 2.38 0.00	46.96 2.61 0.00	52.13 3.09 0.00	53.82 3.54 0.00	56.73 3.83 0.00	40.62 2.84 0.00	38.31 2.67 -2.57	35.80 2.66 -0.51	38.05 2.55 -5.25	34.86 2.70 -0.04	34.08 2.59 -1.30	40.18 3.16 0.00	46.85 3.72 0.00	38.68 2.87 0.00	39.65 2.73 0.00	59.58 3.81 0.00	57.35 3.68 0.00	52.76 3.35 0.00	36.39 2.26 0.00	32.25 2.00 0.00
INDIAN POINT_GT_3 24019	60.67 4.03 -4.01	54.71 3.69 0.00	45.97 2.92 0.00	40.74 2.41 0.00	42.72 2.38 0.00	46.96 2.61 0.00	52.13 3.09 0.00	53.82 3.54 0.00	56.73 3.83 0.00	40.62 2.84 0.00	38.31 2.67 -2.57	35.80 2.66 -0.51	38.05 2.55 -5.25	34.86 2.70 -0.04	34.08 2.59 -1.30	40.18 3.16 0.00	46.85 3.72 0.00	38.68 2.87 0.00	39.65 2.73 0.00	59.58 3.81 0.00	57.35 3.68 0.00	52.76 3.35 0.00	36.39 2.26 0.00	32.25 2.00 0.00
INDIAN POINT___2 23530	60.72 4.03 -4.05	54.68 3.66 0.00	45.95 2.91 0.00	40.73 2.39 0.00	42.70 2.36 0.00	46.95 2.60 0.00	52.11 3.07 0.00	53.81 3.53 0.00	56.70 3.80 0.00	40.60 2.82 0.00	39.27 2.66 -3.55	35.97 2.64 -0.70	40.01 2.51 -7.24	34.85 2.68 -0.06	34.56 2.57 -1.80	40.15 3.13 0.00	46.82 3.69 0.00	38.65 2.83 0.00	39.61 2.70 0.00	59.53 3.76 0.00	57.30 3.62 0.00	52.72 3.30 0.00	36.37 2.24 0.00	32.23 1.98 0.00
INDIAN POINT___3 23531	60.63 4.00 -4.00	54.67 3.65 0.00	45.94 2.89 0.00	40.73 2.39 0.00	42.69 2.36 0.00	46.94 2.60 0.00	52.10 3.05 0.00	53.78 3.50 0.00	56.69 3.79 0.00	40.59 2.81 0.00	38.30 2.64 -2.59	35.77 2.63 -0.51	38.05 2.51 -5.28	34.82 2.67 -0.04	34.06 2.55 -1.31	40.13 3.12 0.00	46.81 3.68 0.00	38.64 2.83 0.00	39.61 2.69 0.00	59.52 3.75 0.00	57.30 3.62 0.00	52.71 3.30 0.00	36.36 2.23 0.00	32.22 1.97 0.00
INDIANHD_69_KV_BK1 55831	61.10 4.50 -3.97	55.87 4.85 0.00	46.97 3.92 0.00	41.54 3.20 0.00	43.45 3.12 0.00	47.84 3.49 0.00	53.10 4.05 0.00	54.66 4.38 0.00	57.61 4.71 0.00	41.44 3.65 0.00	39.83 3.58 -3.18	99.02 3.69 -62.71	45.36 3.47 -11.64	53.44 3.79 -17.53	80.54 3.66 -46.68	54.18 4.48 -12.68	50.79 5.25 -2.41	39.59 3.78 0.00	40.64 3.72 0.00	60.82 5.05 0.00	135.28 4.69 -76.91	53.80 4.38 0.00	36.92 2.78 0.00	33.02 2.78 0.00
INGHAM_C_115KV_TB7 356103	55.88 3.24 0.00	54.60 3.58 0.00	46.10 3.06 0.00	41.03 2.70 0.00	43.18 2.85 0.00	47.30 2.95 0.00	51.83 2.79 0.00	52.91 2.64 0.00	54.97 2.07 0.00	39.99 2.21 0.00	34.67 1.60 0.00	33.93 1.31 0.00	31.13 0.87 0.00	33.12 1.01 0.00	31.28 1.08 0.00	38.15 1.14 0.00	44.69 1.56 0.00	37.04 1.23 0.00	38.02 1.11 0.00	58.26 2.48 0.00	56.95 3.27 0.00	52.56 3.14 0.00	36.44 2.31 0.00	32.11 1.87 0.00
IP CORINTH___1 23988	57.12 3.37 -1.11	54.33 3.31 0.00	45.66 2.62 0.00	40.69 2.35 0.00	42.84 2.50 0.00	47.05 2.70 0.00	51.96 2.92 0.00	53.37 3.09 0.00	55.84 2.95 0.00	39.83 2.04 0.00	34.67 1.60 0.00	34.13 1.50 0.00	31.69 1.43 0.00	33.54 1.43 0.00	31.61 1.41 0.00	39.07 2.05 0.00	45.61 2.48 0.00	37.84 2.03 0.00	38.95 2.03 0.00	59.07 3.30 0.00	57.24 3.56 0.00	52.76 3.35 0.00	36.39 2.26 0.00	32.16 1.91 0.00

IP__TICONDEROGA 23804	58.81 5.06 -1.11	56.02 5.00 0.00	46.87 3.83 0.00	41.87 3.53 0.00	44.20 3.87 0.00	48.53 4.18 0.00	53.54 4.49 0.00	55.02 4.74 0.00	57.48 4.59 0.00	40.88 3.10 0.00	35.25 2.18 0.00	34.71 2.08 0.00	32.39 2.13 0.00	34.28 2.17 0.00	32.22 2.02 0.00	40.38 3.35 0.00	47.18 4.05 0.00	39.21 3.39 0.00	40.34 3.42 0.00	60.97 5.20 0.00	59.62 5.94 0.00	54.91 5.49 0.00	37.80 3.66 0.00	33.24 2.99 0.00
ISLIP_RES_REC 323679	61.42 4.82 -3.97	56.25 5.23 0.00	47.20 4.15 0.00	41.75 3.42 0.00	43.67 3.33 0.00	48.10 3.75 0.00	53.41 4.37 0.00	55.00 4.72 0.00	57.86 4.96 0.00	41.67 3.88 0.00	40.02 3.77 -3.18	99.29 3.95 -62.71	45.60 3.70 -11.64	53.75 4.11 -17.53	80.87 3.99 -46.68	54.60 4.90 -12.68	51.33 5.78 -2.41	40.06 4.24 0.00	41.07 4.16 0.00	61.48 5.70 0.00	188.69 5.35 -129.67	54.29 4.87 0.00	37.23 3.10 0.00	33.30 3.06 0.00
JAMAICA__27_KV_LOAD 355505	61.05 4.45 -3.97	55.05 4.03 0.00	46.18 3.14 0.00	40.93 2.59 0.00	42.92 2.59 0.00	47.22 2.87 0.00	52.55 3.51 0.00	54.48 4.20 0.00	57.39 4.49 0.00	41.05 3.27 0.00	38.29 2.94 -2.27	36.01 2.93 -0.45	37.66 2.77 -4.63	35.11 2.97 -0.03	34.17 2.83 -1.14	40.44 3.43 0.01	47.14 4.02 0.01	38.92 3.12 0.01	39.83 2.92 0.01	59.83 4.06 0.00	57.55 3.87 0.00	52.93 3.52 0.01	36.63 2.50 0.00	32.49 2.24 0.00
JANIS__SOLAR 323808	55.58 0.49 -2.45	51.98 0.96 0.00	43.86 0.81 0.00	39.09 0.76 0.00	41.30 0.96 0.00	45.63 1.28 0.00	50.44 1.40 0.00	51.91 1.24 -0.39	58.36 0.87 -4.59	41.55 0.42 -3.35	33.32 0.09 -0.16	32.49 -0.14 0.00	30.10 -0.20 -0.04	31.99 -0.12 0.00	29.96 -0.23 0.00	36.83 -0.18 0.00	43.03 -0.10 0.00	35.65 -0.16 0.00	37.19 0.26 -0.01	60.85 1.64 -3.44	59.74 2.05 -4.01	52.48 1.90 -1.17	35.62 1.14 -0.35	31.55 0.92 -0.39
JARVIS____ 23743	52.96 0.33 0.00	51.34 0.32 0.00	43.31 0.26 0.00	38.57 0.23 0.00	40.58 0.24 0.00	44.59 0.24 0.00	49.29 0.25 0.00	50.53 0.25 0.00	53.14 0.24 0.00	37.98 0.19 0.00	33.23 0.16 0.00	32.77 0.14 0.00	30.41 0.15 0.00	32.26 0.15 0.00	30.35 0.15 0.00	37.20 0.18 0.00	43.32 0.19 0.00	35.95 0.13 0.00	37.04 0.12 0.00	55.97 0.20 0.00	53.95 0.27 0.00	49.67 0.25 0.00	34.34 0.21 0.00	30.43 0.18 0.00
JENNISON__1 23625	67.61 0.92 -14.06	52.29 1.27 0.00	44.25 1.21 0.00	39.41 1.07 0.00	41.62 1.29 0.00	46.01 1.66 0.00	50.87 1.83 0.00	52.32 1.84 -0.20	57.02 1.75 -2.37	40.78 1.25 -1.74	33.69 1.00 0.38	33.41 0.87 0.09	30.12 0.78 0.93	32.99 0.89 0.01	30.71 0.74 0.22	37.97 0.95 0.00	44.40 1.27 0.00	36.89 1.07 0.00	38.20 1.28 -0.01	60.21 2.67 -1.77	58.55 2.81 -2.06	52.56 2.54 -0.60	35.75 1.43 -0.18	31.63 1.19 -0.20
JENNISON__2 23626	67.61 0.92 -14.06	52.29 1.27 0.00	44.25 1.21 0.00	39.41 1.07 0.00	41.62 1.29 0.00	46.01 1.66 0.00	50.87 1.83 0.00	52.32 1.84 -0.20	57.02 1.75 -2.37	40.78 1.25 -1.74	33.69 1.00 0.38	33.41 0.87 0.09	30.12 0.78 0.93	32.99 0.89 0.01	30.71 0.74 0.22	37.97 0.95 0.00	44.40 1.27 0.00	36.89 1.07 0.00	38.20 1.28 -0.01	60.21 2.67 -1.77	58.55 2.81 -2.06	52.56 2.54 -0.60	35.75 1.43 -0.18	31.63 1.19 -0.20
JERICHO_RISE_WT_PWR 323719	52.01 -0.63 0.00	50.31 -0.71 0.00	42.58 -0.47 0.00	37.98 -0.36 0.00	39.96 -0.37 0.00	44.07 -0.28 0.00	48.84 -0.20 0.00	50.01 -0.27 0.00	52.43 -0.47 0.00	37.44 -0.35 0.00	32.77 -0.30 0.00	32.35 -0.27 0.00	29.96 -0.30 0.00	31.79 -0.32 0.00	29.84 -0.36 0.00	36.49 -0.53 0.00	42.61 -0.52 0.00	35.64 -0.18 0.00	36.83 -0.09 0.00	55.67 -0.10 0.00	53.57 -0.10 0.00	49.19 -0.22 0.00	33.91 -0.22 0.00	29.95 -0.30 0.00
KATONAH__115KV_46KV_TB4 355592	60.70 4.16 -3.91	54.82 3.80 0.00	46.07 3.02 0.00	40.83 2.49 0.00	42.81 2.47 0.00	47.08 2.73 0.00	52.26 3.22 0.00	53.93 3.65 0.00	56.86 3.96 0.00	40.72 2.93 0.00	37.13 2.75 -1.31	35.64 2.75 -0.26	35.55 2.62 -2.68	34.89 2.76 -0.02	33.49 2.63 -0.66	40.23 3.21 0.00	46.93 3.80 0.00	38.78 2.96 0.00	39.76 2.85 0.00	59.75 3.98 0.00	57.52 3.84 0.00	52.90 3.48 0.00	36.48 2.35 0.00	32.31 2.06 0.00
KCE_NY_1 323755	56.57 2.83 -1.11	53.82 2.80 0.00	45.29 2.24 0.00	40.35 2.02 0.00	42.45 2.11 0.00	46.60 2.26 0.00	51.46 2.42 0.00	52.76 2.49 0.00	55.28 2.39 0.00	39.54 1.75 0.00	34.48 1.42 0.00	33.97 1.34 0.00	31.54 1.28 0.00	33.38 1.27 0.00	31.49 1.29 0.00	38.80 1.78 0.00	45.28 2.15 0.00	37.61 1.79 0.00	38.70 1.78 0.00	58.59 2.82 0.00	56.68 3.01 0.00	52.18 2.77 0.00	36.04 1.90 0.00	31.84 1.60 0.00
KCE_NY_6_ESR 323823	31.73 -4.17 16.73	47.23 -3.79 0.00	39.82 -3.22 0.00	35.66 -2.67 0.00	37.52 -2.82 0.00	41.44 -2.90 0.00	45.66 -3.38 0.00	44.58 -3.64 2.06	24.67 -4.01 24.22	16.80 -3.39 17.59	29.07 -3.18 0.82	29.64 -2.99 0.00	27.23 -2.83 0.21	29.42 -2.69 0.00	27.41 -2.79 0.00	33.22 -3.17 0.62	31.47 -3.58 8.09	32.70 -2.87 0.25	33.85 -2.98 0.08	33.47 -4.25 18.06	28.79 -3.81 21.08	39.66 -3.64 6.12	29.72 -2.57 1.85	25.99 -2.22 2.03
KEDC_PORT_JEFF_GT2 24210	61.12 4.51 -3.97	55.98 4.96 0.00	46.99 3.94 0.00	41.58 3.24 0.00	43.49 3.16 0.00	47.90 3.55 0.00	53.17 4.13 0.00	54.74 4.47 0.00	57.60 4.70 0.00	41.46 3.68 0.00	39.84 3.59 -3.18	99.09 3.75 -62.71	45.41 3.51 -11.64	53.54 3.90 -17.53	80.66 3.78 -46.68	54.34 4.64 -12.68	51.01 5.46 -2.42	39.64 3.83 0.00	40.66 3.74 0.00	60.86 5.08 -0.01	203.43 4.83 -144.92	53.94 4.52 0.00	37.01 2.87 0.00	33.15 2.90 0.00
KEDC_PORT_JEFF_GT3 24211	61.12 4.51 -3.97	55.98 4.96 0.00	46.99 3.94 0.00	41.58 3.24 0.00	43.49 3.16 0.00	47.90 3.55 0.00	53.17 4.13 0.00	54.74 4.47 0.00	57.60 4.70 0.00	41.46 3.68 0.00	39.84 3.59 -3.18	99.09 3.75 -62.71	45.41 3.51 -11.64	53.54 3.90 -17.53	80.66 3.78 -46.68	54.34 4.64 -12.68	51.01 5.46 -2.42	39.64 3.83 0.00	40.66 3.74 0.00	60.86 5.08 -0.01	203.43 4.83 -144.92	53.94 4.52 0.00	37.01 2.87 0.00	33.15 2.90 0.00
KEDC_GLWD_GT4 24219	61.24 4.64 -3.97	55.48 4.46 0.00	46.60 3.55 0.00	41.26 2.93 0.00	43.22 2.89 0.00	47.54 3.19 0.00	52.78 3.74 0.00	54.45 4.17 0.00	57.33 4.44 0.00	40.90 3.11 0.00	39.46 3.22 -3.18	98.60 3.26 -62.71	44.99 3.09 -11.64	52.95 3.31 -17.53	80.03 3.15 -46.68	53.51 3.81 -12.68	49.79 4.25 -2.41	39.02 3.21 0.00	40.10 3.19 0.00	60.15 4.38 0.00	57.69 4.01 0.00	53.10 3.68 0.00	36.55 2.42 0.00	32.66 2.41 0.00
KEDC_GLWD_GT5 24220	61.24 4.64 -3.97	55.48 4.46 0.00	46.60 3.55 0.00	41.26 2.93 0.00	43.22 2.89 0.00	47.54 3.19 0.00	52.78 3.74 0.00	54.45 4.17 0.00	57.33 4.44 0.00	40.90 3.11 0.00	39.46 3.22 -3.18	98.60 3.26 -62.71	44.99 3.09 -11.64	52.95 3.31 -17.53	80.03 3.15 -46.68	53.51 3.81 -12.68	49.79 4.25 -2.41	39.02 3.21 0.00	40.10 3.19 0.00	60.15 4.38 0.00	57.69 4.01 0.00	53.10 3.68 0.00	36.55 2.42 0.00	32.66 2.41 0.00

KENSICO____ 23655	60.76 4.15 -3.97	54.82 3.80 0.00	46.07 3.02 0.00	40.83 2.49 0.00	42.81 2.47 0.00	47.05 2.70 0.00	52.25 3.21 0.00	53.95 3.67 0.00	56.87 3.97 0.00	40.72 2.93 0.00	38.22 2.77 -2.37	35.86 2.76 -0.47	37.74 2.64 -4.84	34.96 2.81 -0.04	34.09 2.69 -1.20	40.29 3.27 0.00	46.98 3.85 0.00	38.79 2.98 0.00	39.75 2.84 0.00	59.72 3.95 0.00	57.47 3.79 0.00	52.87 3.45 0.00	36.47 2.33 0.00	32.32 2.08 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	61.16 4.18 -4.35	54.84 3.82 0.00	46.08 3.03 0.00	40.85 2.52 0.00	42.85 2.52 0.00	47.14 2.79 0.00	52.35 3.31 0.00	54.24 3.96 0.00	57.15 4.25 0.00	40.84 3.06 0.00	35.14 2.81 0.74	35.24 2.76 0.15	31.37 2.63 1.52	34.87 2.77 0.01	32.29 2.47 0.38	40.06 3.04 0.00	46.86 3.72 0.00	38.85 3.04 0.00	39.90 2.98 0.00	60.09 4.31 0.00	57.88 4.20 0.00	53.18 3.77 0.00	36.63 2.50 0.00	32.41 2.16 0.00
KIAC_JFK_GT1 23816	60.73 4.13 -3.97	54.74 3.72 0.00	45.93 2.88 0.00	40.71 2.37 0.00	42.69 2.36 0.00	46.95 2.60 0.00	52.25 3.20 0.00	54.17 3.89 0.00	57.06 4.17 0.00	40.83 3.05 0.00	38.09 2.75 -2.27	35.82 2.74 -0.45	37.48 2.59 -4.63	34.93 2.79 -0.03	34.01 2.67 -1.14	40.23 3.22 0.01	46.90 3.78 0.01	38.71 2.90 0.01	39.62 2.71 0.01	59.50 3.74 0.00	57.23 3.56 0.00	52.64 3.23 0.01	36.45 2.31 0.00	32.33 2.08 0.00
KIAC_JFK_GT2 23817	60.73 4.13 -3.97	54.74 3.72 0.00	45.93 2.88 0.00	40.71 2.37 0.00	42.69 2.36 0.00	46.95 2.60 0.00	52.25 3.20 0.00	54.17 3.89 0.00	57.06 4.17 0.00	40.83 3.05 0.00	38.09 2.75 -2.27	35.82 2.74 -0.45	37.48 2.59 -4.63	34.93 2.79 -0.03	34.01 2.67 -1.14	40.23 3.22 0.01	46.90 3.78 0.01	38.71 2.90 0.01	39.62 2.71 0.01	59.50 3.74 0.00	57.23 3.56 0.00	52.64 3.23 0.01	36.45 2.31 0.00	32.33 2.08 0.00
KIAC_JFK____ 323774	60.73 4.13 -3.97	54.75 3.72 0.00	45.93 2.88 0.00	40.71 2.37 0.00	42.69 2.36 0.00	46.95 2.60 0.00	52.24 3.20 0.00	54.16 3.89 0.00	57.04 4.14 0.00	40.82 3.04 0.00	38.08 2.74 -2.27	35.81 2.74 -0.45	37.47 2.58 -4.63	34.92 2.78 -0.03	34.01 2.67 -1.14	40.23 3.22 0.01	46.90 3.78 0.01	38.71 2.90 0.01	39.62 2.71 0.01	59.50 3.73 0.00	57.23 3.55 0.00	52.63 3.22 0.01	36.46 2.32 0.00	32.33 2.08 0.00
KINTIGH_24_KV_GSU 356498	35.30 -4.30 13.03	47.06 -3.97 0.00	39.68 -3.37 0.00	35.48 -2.85 0.00	37.28 -3.05 0.00	41.18 -3.17 0.00	45.39 -3.65 0.00	45.22 -3.92 1.13	35.45 -4.25 13.20	24.75 -3.44 9.59	29.46 -3.16 0.45	29.66 -2.96 0.00	27.34 -2.81 0.11	29.35 -2.76 0.00	27.43 -2.77 0.00	33.20 -3.25 0.57	31.95 -3.76 7.41	32.59 -3.00 0.23	33.75 -3.11 0.05	41.25 -4.59 9.93	37.89 -4.19 11.59	42.17 -3.88 3.36	30.41 -2.71 1.02	26.80 -2.33 1.12
KINTIGH____ 23543	35.31 -4.29 13.03	47.04 -3.98 0.00	39.65 -3.39 0.00	35.46 -2.87 0.00	37.27 -3.06 0.00	41.16 -3.19 0.00	45.34 -3.70 0.00	45.18 -3.96 1.13	35.27 -4.43 13.20	24.65 -3.54 9.59	29.43 -3.19 0.45	29.64 -2.99 0.00	27.28 -2.87 0.11	29.32 -2.79 0.00	27.41 -2.79 0.00	33.16 -3.29 0.57	31.88 -3.84 7.41	32.57 -3.02 0.23	33.73 -3.13 0.05	41.14 -4.70 9.93	37.78 -4.31 11.59	42.11 -3.94 3.36	30.40 -2.72 1.02	26.79 -2.35 1.12
KNTFSRNC_46_KV_46KV_LOAD 80397	52.82 0.19 0.00	51.25 0.22 0.00	43.21 0.17 0.00	38.61 0.28 0.00	40.68 0.35 0.00	44.87 0.53 0.00	49.82 0.78 0.00	50.93 0.66 0.00	53.38 0.48 0.00	37.99 0.21 0.00	33.19 0.12 0.00	32.78 0.16 0.00	30.37 0.11 0.00	32.25 0.13 0.00	30.25 0.05 0.00	37.10 0.08 0.00	43.37 0.24 0.00	36.28 0.47 0.00	37.53 0.61 0.00	56.68 0.91 0.00	54.65 0.97 0.00	50.25 0.83 0.00	34.69 0.56 0.00	30.57 0.33 0.00
LACHUTE____HYDRO 323717	58.79 5.05 -1.11	56.02 5.00 0.00	46.87 3.82 0.00	41.87 3.53 0.00	44.20 3.87 0.00	48.53 4.18 0.00	53.53 4.49 0.00	55.02 4.74 0.00	57.49 4.59 0.00	40.88 3.10 0.00	35.25 2.18 0.00	34.71 2.09 0.00	32.39 2.13 0.00	34.28 2.17 0.00	32.22 2.02 0.00	40.38 3.36 0.00	47.18 4.05 0.00	39.21 3.40 0.00	40.34 3.42 0.00	60.97 5.20 0.00	59.62 5.94 0.00	54.91 5.49 0.00	37.80 3.67 0.00	33.24 2.99 0.00
LAWRNCV_115KV_TB1 80681	51.40 -1.25 -0.01	49.87 -1.15 0.00	42.23 -0.82 0.00	37.73 -0.61 0.00	39.92 -0.41 0.00	43.95 -0.39 0.00	48.61 -0.44 0.00	49.51 -0.76 0.00	51.75 -1.15 0.00	36.97 -0.82 0.00	32.39 -0.67 0.00	31.98 -0.64 0.00	29.62 -0.64 0.00	31.40 -0.71 0.00	29.43 -0.76 0.00	35.71 -1.30 0.00	41.68 -1.45 0.00	34.83 -0.98 0.00	36.06 -0.86 0.00	54.64 -1.13 0.00	52.73 -0.95 0.00	48.61 -0.81 0.00	33.66 -0.48 0.00	29.83 -0.41 0.00
LEDERLE____ 23769	61.05 4.33 -4.09	54.95 3.93 0.00	46.17 3.12 0.00	40.92 2.58 0.00	42.90 2.57 0.00	47.18 2.84 0.00	52.38 3.34 0.00	54.10 3.83 0.00	57.04 4.14 0.00	40.83 3.05 0.00	32.22 2.85 3.70	34.72 2.83 0.73	25.40 2.70 7.55	34.91 2.86 0.06	31.05 2.73 1.87	40.37 3.35 0.00	47.10 3.97 0.00	38.86 3.04 0.00	39.83 2.91 0.00	59.88 4.11 0.00	57.66 3.98 0.00	53.01 3.60 0.00	36.56 2.42 0.00	32.38 2.13 0.00
LIGHTHSE_115KV_TB6 355974	48.96 -1.21 2.46	49.75 -1.27 0.00	41.90 -1.15 0.00	37.37 -0.97 0.00	39.54 -0.80 0.00	43.51 -0.83 0.00	48.13 -0.91 0.00	49.26 -1.02 0.00	51.54 -1.36 0.00	36.68 -1.10 0.00	32.03 -1.04 0.00	31.56 -1.07 0.00	29.28 -0.97 0.00	31.08 -1.03 0.00	29.16 -1.03 0.00	35.74 -1.28 0.00	41.60 -1.53 0.00	34.57 -1.25 0.00	35.77 -1.14 0.00	54.47 -1.30 0.00	52.70 -0.98 0.00	48.79 -0.63 0.00	33.63 -0.50 0.00	29.80 -0.44 0.00
LINDEN COGEN____ 23786	60.72 4.12 -3.97	54.75 3.73 0.00	45.95 2.90 0.00	40.70 2.36 0.00	42.65 2.32 0.00	46.90 2.55 0.00	52.15 3.11 0.00	53.92 3.64 0.00	56.83 3.94 0.00	40.72 2.93 0.00	38.13 2.78 -2.27	35.85 2.77 -0.45	37.55 2.65 -4.64	35.01 2.86 -0.04	34.10 2.75 -1.15	40.36 3.34 0.00	47.05 3.92 0.00	38.83 3.01 0.00	39.74 2.82 0.00	59.72 3.95 0.00	57.44 3.76 0.00	52.83 3.42 0.00	36.49 2.36 0.00	32.37 2.12 0.00
LINDHRST_69_KV_BK1 356055	61.77 5.17 -3.97	56.34 5.32 0.00	47.36 4.32 0.00	41.88 3.54 0.00	43.83 3.49 0.00	48.24 3.90 0.00	53.56 4.52 0.00	55.21 4.94 0.00	58.24 5.34 0.00	41.79 4.01 0.00	40.10 3.85 -3.18	99.29 3.96 -62.71	45.61 3.72 -11.64	53.63 3.98 -17.53	80.68 3.80 -46.68	54.37 4.67 -12.68	51.06 5.52 -2.41	39.95 4.14 0.00	41.01 4.10 0.00	61.55 5.78 0.00	77.89 5.37 -18.85	54.38 4.96 0.00	37.28 3.15 0.00	33.23 2.99 0.00
LIPA_MISC_IPP 23656	61.22 4.62 -3.97	56.04 5.02 0.00	46.64 3.60 0.00	41.34 3.00 0.00	43.21 2.88 0.00	47.65 3.31 0.00	53.01 3.97 0.00	54.51 4.23 0.00	56.99 4.08 0.00	41.05 3.27 0.00	39.48 3.23 -3.18	99.02 3.69 -62.71	45.31 3.41 -11.64	53.77 4.13 -17.53	80.98 4.10 -46.68	54.89 5.19 -12.68	51.83 6.28 -2.42	40.51 4.70 0.00	41.11 4.19 0.00	61.27 5.50 -0.01	227.53 5.09 -168.77	53.98 4.56 0.00	37.01 2.87 0.00	33.17 2.93 0.00

LISF___SOLAR 323691	61.33 4.73 -3.97	56.14 5.13 0.00	46.77 3.72 0.00	41.44 3.10 0.00	43.32 2.99 0.00	47.76 3.42 0.00	53.12 4.08 0.00	54.61 4.33 0.00	57.08 4.18 0.00	41.16 3.37 0.00	39.57 3.32 -3.18	99.09 3.75 -62.71	45.37 3.47 -11.64	53.82 4.17 -17.53	81.02 4.14 -46.68	54.92 5.22 -12.68	51.85 6.30 -2.42	40.54 4.73 0.00	41.18 4.27 0.00	61.41 5.64 -0.01	221.48 5.21 -162.60	54.08 4.66 0.00	37.09 2.96 0.00	33.24 2.99 0.00
LITTLE FALLS___HYD 24013	55.88 3.24 0.00	54.60 3.58 0.00	46.10 3.06 0.00	41.03 2.70 0.00	43.18 2.85 0.00	47.30 2.95 0.00	51.83 2.79 0.00	52.91 2.64 0.00	54.97 2.07 0.00	39.99 2.21 0.00	34.67 1.60 0.00	33.93 1.31 0.00	31.13 0.87 0.00	33.12 1.01 0.00	31.28 1.08 0.00	38.15 1.14 0.00	44.69 1.56 0.00	37.04 1.23 0.00	38.02 1.11 0.00	58.26 2.48 0.00	56.95 3.27 0.00	52.56 3.14 0.00	36.44 2.31 0.00	32.11 1.87 0.00
LITTLRIV_115KV_TB1 356100	51.90 -0.75 -0.02	50.34 -0.68 0.00	42.63 -0.41 0.00	38.09 -0.25 0.00	40.31 -0.03 0.00	44.39 0.04 0.00	49.04 0.00 0.00	49.71 -0.57 0.00	51.82 -1.08 0.00	37.02 -0.76 0.00	32.43 -0.63 0.00	32.04 -0.59 0.00	29.66 -0.60 0.00	31.44 -0.67 0.00	29.47 -0.73 0.00	35.76 -1.26 0.00	41.75 -1.38 0.00	34.92 -0.90 0.00	36.17 -0.75 0.00	54.88 -0.90 0.00	53.25 -0.43 0.00	49.14 -0.28 0.00	33.98 -0.16 0.00	30.08 -0.16 0.00
LI_NEWBRDGE___DRP 323616	60.75 4.15 -3.97	55.25 4.23 0.00	46.44 3.40 0.00	41.10 2.77 0.00	43.04 2.70 0.00	47.35 3.01 0.00	52.55 3.51 0.00	54.16 3.88 0.00	57.10 4.20 0.00	40.98 3.19 0.00	39.40 3.15 -3.18	98.50 3.17 -62.71	44.91 3.01 -11.64	52.88 3.24 -17.53	79.97 3.09 -46.68	53.47 3.77 -12.68	49.97 4.43 -2.41	39.09 3.28 0.00	40.13 3.21 0.00	60.16 4.39 0.00	57.73 4.05 0.00	53.18 3.77 0.00	36.55 2.42 0.00	32.58 2.33 0.00
LOCKPORT_115KV_TB60_63_64 80432	33.40 -4.79 14.44	46.35 -4.67 0.00	39.07 -3.98 0.00	34.99 -3.34 0.00	36.77 -3.57 0.00	40.68 -3.66 0.00	44.70 -4.34 0.00	44.21 -4.63 1.44	30.93 -4.83 17.14	21.40 -3.94 12.44	28.68 -3.80 0.58	28.99 -3.64 0.00	26.62 -3.50 0.15	28.63 -3.48 0.00	26.75 -3.45 0.00	32.14 -4.01 0.87	27.46 -4.40 11.27	31.89 -3.58 0.35	33.05 -3.79 0.07	37.61 -5.42 12.75	33.97 -4.84 14.88	40.44 -4.65 4.32	29.66 -3.17 1.31	26.12 -2.70 1.43
LOCKPORT___CC1 323769	33.09 -4.90 14.65	46.34 -4.68 0.00	39.07 -3.98 0.00	34.99 -3.35 0.00	36.76 -3.57 0.00	40.65 -3.69 0.00	44.68 -4.36 0.00	44.10 -4.64 1.53	30.03 -4.74 18.13	20.73 -3.89 13.16	28.66 -3.79 0.62	29.02 -3.61 0.00	26.68 -3.42 0.15	28.69 -3.42 0.00	26.78 -3.42 0.00	32.23 -3.96 0.83	27.98 -4.36 10.79	31.92 -3.57 0.33	33.07 -3.77 0.07	36.92 -5.35 13.50	33.13 -4.79 15.76	40.23 -4.60 4.58	29.56 -3.19 1.38	26.02 -2.71 1.52
LOCKPORT___CC2 323770	33.09 -4.90 14.65	46.34 -4.68 0.00	39.07 -3.98 0.00	34.99 -3.35 0.00	36.76 -3.57 0.00	40.65 -3.69 0.00	44.68 -4.36 0.00	44.10 -4.64 1.53	30.03 -4.74 18.13	20.73 -3.89 13.16	28.66 -3.79 0.62	29.02 -3.61 0.00	26.68 -3.42 0.15	28.69 -3.42 0.00	26.78 -3.42 0.00	32.23 -3.96 0.83	27.98 -4.36 10.79	31.92 -3.57 0.33	33.07 -3.77 0.07	36.92 -5.35 13.50	33.13 -4.79 15.76	40.23 -4.60 4.58	29.56 -3.19 1.38	26.02 -2.71 1.52
LOCKPORT___CC3 323771	33.09 -4.90 14.65	46.34 -4.68 0.00	39.07 -3.98 0.00	34.99 -3.35 0.00	36.76 -3.57 0.00	40.65 -3.69 0.00	44.68 -4.36 0.00	44.10 -4.64 1.53	30.03 -4.74 18.13	20.73 -3.89 13.16	28.66 -3.79 0.62	29.02 -3.61 0.00	26.68 -3.42 0.15	28.69 -3.42 0.00	26.78 -3.42 0.00	32.23 -3.96 0.83	27.98 -4.36 10.79	31.92 -3.57 0.33	33.07 -3.77 0.07	36.92 -5.35 13.50	33.13 -4.79 15.76	40.23 -4.60 4.58	29.56 -3.19 1.38	26.02 -2.71 1.52
LOCUSVLY_69_KV_BK2 55797	61.35 4.75 -3.97	55.74 4.72 0.00	46.83 3.78 0.00	41.43 3.10 0.00	43.38 3.05 0.00	47.74 3.39 0.00	52.99 3.95 0.00	54.63 4.36 0.00	57.59 4.69 0.00	41.24 3.46 0.00	39.66 3.42 -3.18	98.78 3.45 -62.71	45.17 3.27 -11.64	53.14 3.50 -17.53	80.20 3.32 -46.68	53.74 4.04 -12.68	50.21 4.67 -2.41	39.31 3.50 0.00	40.36 3.44 0.00	60.54 4.77 0.00	58.08 4.40 0.00	53.49 4.07 0.00	36.76 2.62 0.00	32.80 2.55 0.00
LONG_LAKE_PHOENIX 24014	48.32 -1.56 2.75	49.54 -1.48 0.00	41.78 -1.27 0.00	37.21 -1.12 0.00	39.19 -1.15 0.00	43.15 -1.20 0.00	47.75 -1.29 0.00	48.95 -1.33 0.00	51.40 -1.50 0.00	36.60 -1.19 0.00	31.98 -1.09 0.00	31.53 -1.10 0.00	29.22 -1.04 0.00	31.02 -1.09 0.00	29.14 -1.05 0.00	35.76 -1.26 0.00	41.61 -1.52 0.00	34.46 -1.36 0.00	35.60 -1.31 0.00	54.02 -1.75 0.00	52.10 -1.58 0.00	48.02 -1.40 0.00	33.16 -0.97 0.00	29.44 -0.80 0.00
LOVETT___3 23632	60.69 3.99 -4.06	54.65 3.63 0.00	45.93 2.88 0.00	40.72 2.38 0.00	42.69 2.35 0.00	46.93 2.59 0.00	52.08 3.04 0.00	53.76 3.49 0.00	56.68 3.78 0.00	40.58 2.80 0.00	31.78 2.63 3.92	34.46 2.61 0.78	24.75 2.49 8.00	34.69 2.64 0.07	30.74 2.53 1.99	40.12 3.10 0.00	46.79 3.66 0.00	38.62 2.80 0.00	39.58 2.66 0.00	59.48 3.71 0.00	57.27 3.59 0.00	52.67 3.25 0.00	36.34 2.21 0.00	32.20 1.96 0.00
LOVETT___4 23642	60.69 3.99 -4.06	54.65 3.63 0.00	45.93 2.88 0.00	40.72 2.38 0.00	42.69 2.35 0.00	46.93 2.59 0.00	52.08 3.04 0.00	53.76 3.49 0.00	56.68 3.78 0.00	40.58 2.80 0.00	31.78 2.63 3.92	34.46 2.61 0.78	24.75 2.49 8.00	34.69 2.64 0.07	30.74 2.53 1.99	40.12 3.10 0.00	46.79 3.66 0.00	38.62 2.80 0.00	39.58 2.66 0.00	59.48 3.71 0.00	57.27 3.59 0.00	52.67 3.25 0.00	36.34 2.21 0.00	32.20 1.96 0.00
LOVETT___5 23593	60.69 3.99 -4.06	54.65 3.63 0.00	45.93 2.88 0.00	40.72 2.38 0.00	42.69 2.35 0.00	46.93 2.59 0.00	52.08 3.04 0.00	53.76 3.49 0.00	56.68 3.78 0.00	40.58 2.80 0.00	31.78 2.63 3.92	34.46 2.61 0.78	24.75 2.49 8.00	34.69 2.64 0.07	30.74 2.53 1.99	40.12 3.10 0.00	46.79 3.66 0.00	38.62 2.80 0.00	39.58 2.66 0.00	59.48 3.71 0.00	57.27 3.59 0.00	52.67 3.25 0.00	36.34 2.21 0.00	32.20 1.96 0.00
LOWER RAQUET___HYD 24057	51.20 -1.45 -0.02	49.70 -1.32 0.00	42.08 -0.97 0.00	37.59 -0.74 0.00	39.84 -0.50 0.00	43.86 -0.49 0.00	48.47 -0.57 0.00	49.36 -0.92 0.00	51.55 -1.35 0.00	36.82 -0.96 0.00	32.26 -0.81 0.00	31.86 -0.77 0.00	29.50 -0.75 0.00	31.26 -0.85 0.00	29.29 -0.91 0.00	35.50 -1.52 0.00	41.40 -1.73 0.00	34.58 -1.24 0.00	35.82 -1.10 0.00	54.34 -1.43 0.00	52.51 -1.17 0.00	48.45 -0.96 0.00	33.56 -0.57 0.00	29.78 -0.47 0.00
LOWER___HUDSON 24059	55.82 2.09 -1.10	53.13 2.11 0.00	44.74 1.69 0.00	39.85 1.51 0.00	41.90 1.57 0.00	45.92 1.58 0.00	50.69 1.65 0.00	52.05 1.78 0.00	54.60 1.70 0.00	39.06 1.28 0.00	34.16 1.10 0.00	33.70 1.07 0.00	31.30 1.04 0.00	33.12 1.01 0.00	31.26 1.06 0.00	38.41 1.38 0.00	44.77 1.64 0.00	37.18 1.36 0.00	38.22 1.30 0.00	57.66 1.89 0.00	55.81 2.14 0.00	51.40 1.99 0.00	35.56 1.42 0.00	31.44 1.20 0.00

LOWVILLE_115KV_TB2 356335	52.17 -0.50 -0.04	50.27 -0.75 0.00	42.29 -0.76 0.00	37.81 -0.53 0.00	40.38 0.04 0.00	44.39 0.05 0.00	49.03 -0.01 0.00	50.09 -0.19 0.00	52.27 -0.63 0.00	37.05 -0.73 0.00	32.26 -0.81 0.00	31.75 -0.88 0.00	29.51 -0.75 0.00	31.28 -0.84 0.00	29.27 -0.92 0.00	35.84 -1.17 0.00	41.86 -1.27 0.00	34.84 -0.98 0.00	36.26 -0.65 0.00	55.81 0.04 0.00	54.30 0.62 0.00	50.28 0.86 0.00	34.71 0.58 0.00	30.56 0.32 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	56.52 2.77 -1.11	53.77 2.75 0.00	45.25 2.21 0.00	40.31 1.97 0.00	42.42 2.08 0.00	46.55 2.21 0.00	51.41 2.37 0.00	52.71 2.43 0.00	55.23 2.33 0.00	39.48 1.70 0.00	34.45 1.39 0.00	33.94 1.31 0.00	31.50 1.25 0.00	33.34 1.23 0.00	31.46 1.26 0.00	38.76 1.74 0.00	45.22 2.09 0.00	37.56 1.74 0.00	38.64 1.72 0.00	58.50 2.73 0.00	56.61 2.93 0.00	52.13 2.71 0.00	35.99 1.86 0.00	31.81 1.57 0.00
LUTHERNY_35_KV_BK2 355980	56.58 2.83 -1.11	53.82 2.80 0.00	45.29 2.24 0.00	40.35 2.01 0.00	42.45 2.11 0.00	46.60 2.26 0.00	51.47 2.42 0.00	52.76 2.49 0.00	55.29 2.39 0.00	39.54 1.75 0.00	34.48 1.41 0.00	33.97 1.34 0.00	31.54 1.28 0.00	33.38 1.27 0.00	31.49 1.30 0.00	38.81 1.78 0.00	45.28 2.15 0.00	37.61 1.79 0.00	38.70 1.78 0.00	58.59 2.82 0.00	56.69 3.01 0.00	52.18 2.76 0.00	36.03 1.90 0.00	31.85 1.60 0.00
LWR__OSWEGATCHIE_HYD 23850	51.17 -1.50 -0.03	49.50 -1.52 0.00	41.78 -1.27 0.00	37.34 -1.00 0.00	39.70 -0.63 0.00	43.68 -0.66 0.00	48.27 -0.77 0.00	49.20 -1.07 0.00	51.32 -1.58 0.00	36.54 -1.25 0.00	31.92 -1.15 0.00	31.45 -1.17 0.00	29.21 -1.05 0.00	30.96 -1.15 0.00	28.99 -1.21 0.00	35.32 -1.70 0.00	41.20 -1.93 0.00	34.35 -1.46 0.00	35.66 -1.25 0.00	54.48 -1.29 0.00	52.88 -0.80 0.00	48.91 -0.51 0.00	33.83 -0.31 0.00	29.91 -0.34 0.00
LYONS_FALL_HYD 23570	52.80 0.12 -0.04	50.97 -0.05 0.00	42.90 -0.15 0.00	38.29 -0.05 0.00	40.72 0.39 0.00	44.81 0.46 0.00	49.49 0.45 0.00	50.54 0.27 0.00	52.83 -0.06 0.00	37.49 -0.29 0.00	32.65 -0.42 0.00	32.12 -0.51 0.00	29.84 -0.42 0.00	31.63 -0.48 0.00	29.62 -0.58 0.00	36.30 -0.72 0.00	42.38 -0.75 0.00	35.29 -0.52 0.00	36.73 -0.18 0.00	56.42 0.64 0.00	54.75 1.07 0.00	50.60 1.18 0.00	34.92 0.78 0.00	30.76 0.52 0.00
MADISON__COUNTY_LFGE 323628	53.88 0.96 -0.28	51.99 0.97 0.00	43.81 0.77 0.00	39.05 0.71 0.00	41.20 0.87 0.00	45.37 1.03 0.00	50.15 1.11 0.00	51.17 0.89 0.00	53.67 0.77 0.00	38.15 0.37 0.00	33.25 0.19 0.00	32.71 0.08 0.00	30.36 0.10 0.00	32.22 0.10 0.00	30.18 -0.01 0.00	37.04 0.03 0.00	43.21 0.07 0.00	35.94 0.12 0.00	37.29 0.37 0.00	57.01 1.24 0.00	55.18 1.50 0.00	50.85 1.43 0.00	35.07 0.94 0.00	30.99 0.74 0.00
MALONE__115KV_TB1 356076	51.86 -0.78 0.00	50.22 -0.80 0.00	42.51 -0.54 0.00	37.95 -0.38 0.00	40.04 -0.29 0.00	44.16 -0.19 0.00	49.17 0.13 0.00	50.26 -0.01 0.00	52.64 -0.26 0.00	37.56 -0.23 0.00	32.89 -0.18 0.00	32.46 -0.17 0.00	30.05 -0.21 0.00	31.88 -0.23 0.00	29.91 -0.29 0.00	36.59 -0.43 0.00	42.75 -0.38 0.00	35.78 -0.03 0.00	37.02 0.10 0.00	55.73 -0.04 0.00	53.61 -0.06 0.00	49.28 -0.14 0.00	34.04 -0.09 0.00	30.09 -0.15 0.00
MAPLEWOD_115KV_TB3 80458	55.68 1.95 -1.09	52.96 1.94 0.00	44.63 1.59 0.00	39.74 1.41 0.00	41.78 1.45 0.00	45.80 1.46 0.00	50.57 1.54 0.00	51.86 1.58 0.00	54.37 1.47 0.00	39.02 1.24 0.00	34.15 1.08 0.00	33.68 1.06 0.00	31.25 0.99 0.00	33.09 0.98 0.00	31.21 1.01 0.00	38.29 1.27 0.00	44.61 1.47 0.00	37.03 1.22 0.00	38.07 1.16 0.00	57.36 1.58 0.00	55.45 1.77 0.00	51.07 1.66 0.00	35.35 1.21 0.00	31.28 1.04 0.00
MAPLE_RIDGE_WT_1 323574	52.20 -0.44 0.00	50.47 -0.55 0.00	42.54 -0.50 0.00	37.95 -0.38 0.00	40.05 -0.28 0.00	44.06 -0.29 0.00	48.74 -0.30 0.00	49.98 -0.30 0.00	52.62 -0.28 0.00	37.62 -0.16 0.00	32.92 -0.14 0.00	32.50 -0.13 0.00	30.15 -0.11 0.00	32.00 -0.11 0.00	30.07 -0.13 0.00	36.84 -0.17 0.00	42.96 -0.17 0.00	35.71 -0.10 0.00	36.79 -0.12 0.00	55.59 -0.18 0.00	53.47 -0.20 0.00	49.19 -0.23 0.00	33.96 -0.17 0.00	30.06 -0.19 0.00
MAPLE_RIDGE_WT_2 323611	52.20 -0.44 0.00	50.47 -0.55 0.00	42.54 -0.50 0.00	37.95 -0.38 0.00	40.05 -0.28 0.00	44.06 -0.29 0.00	48.74 -0.30 0.00	49.98 -0.30 0.00	52.62 -0.28 0.00	37.62 -0.16 0.00	32.92 -0.14 0.00	32.50 -0.13 0.00	30.15 -0.11 0.00	32.00 -0.11 0.00	30.07 -0.13 0.00	36.84 -0.17 0.00	42.96 -0.17 0.00	35.71 -0.10 0.00	36.79 -0.12 0.00	55.59 -0.18 0.00	53.47 -0.20 0.00	49.19 -0.23 0.00	33.96 -0.17 0.00	30.06 -0.19 0.00
MARBLE_RIVER_WT_PWR 323696	52.02 -0.62 0.00	50.34 -0.68 0.00	42.59 -0.46 0.00	37.98 -0.35 0.00	39.98 -0.36 0.00	44.08 -0.27 0.00	48.90 -0.14 0.00	50.08 -0.19 0.00	52.52 -0.38 0.00	37.49 -0.29 0.00	32.81 -0.25 0.00	32.39 -0.23 0.00	30.00 -0.26 0.00	31.83 -0.28 0.00	29.88 -0.32 0.00	36.54 -0.48 0.00	42.68 -0.45 0.00	35.69 -0.13 0.00	36.88 -0.03 0.00	55.66 -0.11 0.00	53.56 -0.12 0.00	49.19 -0.23 0.00	33.90 -0.23 0.00	29.95 -0.30 0.00
MARSHVLE_115KV_TB1 80742	58.69 1.57 -4.49	52.53 1.51 0.00	44.35 1.31 0.00	39.52 1.18 0.00	41.61 1.28 0.00	45.87 1.52 0.00	50.68 1.64 0.00	51.40 1.12 0.00	53.81 0.92 0.00	38.51 0.72 0.00	33.34 0.27 0.00	32.67 0.04 0.00	30.35 0.09 0.00	32.07 -0.05 0.00	30.29 0.09 0.00	37.10 0.08 0.00	43.34 0.21 0.00	35.93 0.12 0.00	37.08 0.16 0.00	57.40 1.62 0.00	55.67 1.99 0.00	51.22 1.80 0.00	35.47 1.33 0.00	31.34 1.10 0.00
MARSH_HILL_WT_PWR 323713	20.03 -3.16 29.44	48.27 -2.75 0.00	40.89 -2.16 0.00	36.67 -1.66 0.00	38.61 -1.72 0.00	42.75 -1.60 0.00	47.20 -1.84 0.00	54.07 -2.31 -6.10	121.29 -3.11 -71.49	86.90 -2.84 -51.95	32.73 -2.76 -2.42	30.05 -2.58 -0.01	28.48 -2.39 -0.61	29.90 -2.21 0.00	27.96 -2.24 0.00	34.30 -2.51 0.20	37.60 -2.89 2.65	33.42 -2.32 0.08	34.99 -2.09 -0.16	107.38 -1.98 -53.59	114.48 -1.74 -62.55	65.78 -1.79 -18.16	38.20 -1.43 -5.50	35.03 -1.24 -6.02
MCINTYRE_115KV_TB2 80467	52.57 -0.08 -0.01	50.92 -0.10 0.00	43.13 0.08 0.00	38.54 0.20 0.00	40.70 0.37 0.00	44.84 0.50 0.00	49.53 0.49 0.00	50.03 -0.25 0.00	52.12 -0.78 0.00	37.25 -0.54 0.00	32.65 -0.42 0.00	32.25 -0.38 0.00	29.85 -0.41 0.00	31.65 -0.46 0.00	29.68 -0.51 0.00	36.08 -0.94 0.00	42.18 -0.96 0.00	35.33 -0.48 0.00	36.59 -0.33 0.00	55.38 -0.39 0.00	53.90 0.22 0.00	49.71 0.29 0.00	34.32 0.18 0.00	30.34 0.10 0.00
MECO____69_KV_BK1 80468	59.21 2.61 -3.96	53.54 2.52 0.00	45.16 2.11 0.00	40.20 1.87 0.00	42.35 2.01 0.00	46.67 2.32 0.00	51.50 2.46 0.00	52.16 1.89 0.00	54.33 1.43 0.00	38.97 1.19 0.00	33.68 0.62 0.00	32.96 0.33 0.00	30.45 0.19 0.00	32.25 0.14 0.00	30.52 0.32 0.00	37.50 0.48 0.00	43.91 0.77 0.00	36.46 0.65 0.00	37.59 0.68 0.00	58.48 2.71 0.00	56.88 3.20 0.00	52.35 2.93 0.00	36.13 2.00 0.00	31.90 1.66 0.00

MENANDS__115KV_TB5 355628	55.45 1.72 -1.09	52.75 1.73 0.00	44.46 1.42 0.00	39.60 1.26 0.00	41.64 1.30 0.00	45.62 1.28 0.00	50.36 1.32 0.00	51.64 1.36 0.00	54.13 1.24 0.00	38.90 1.11 0.00	34.05 0.98 0.00	33.59 0.96 0.00	31.16 0.90 0.00	32.99 0.88 0.00	31.11 0.92 0.00	38.17 1.15 0.00	44.44 1.31 0.00	36.89 1.07 0.00	37.90 0.98 0.00	57.03 1.26 0.00	55.12 1.44 0.00	50.77 1.35 0.00	35.15 1.02 0.00	31.13 0.89 0.00
MG INDUSTRY__DRP 24185	55.48 1.77 -1.07	52.80 1.78 0.00	44.52 1.48 0.00	39.66 1.32 0.00	41.70 1.37 0.00	45.76 1.41 0.00	50.53 1.49 0.00	51.69 1.41 0.00	54.13 1.23 0.00	38.83 1.05 0.00	33.96 0.88 0.00	33.47 0.84 0.00	31.03 0.77 0.00	32.89 0.79 0.00	31.03 0.84 0.00	38.10 1.08 0.00	44.41 1.28 0.00	36.84 1.02 0.00	37.92 1.00 0.00	57.14 1.37 0.00	55.19 1.52 0.00	50.83 1.41 0.00	35.19 1.05 0.00	31.18 0.93 0.00
MID__OSWEGATCHIE_HYD 23849	51.17 -1.50 -0.03	49.50 -1.52 0.00	41.78 -1.27 0.00	37.34 -1.00 0.00	39.70 -0.63 0.00	43.68 -0.66 0.00	48.27 -0.77 0.00	49.20 -1.07 0.00	51.32 -1.58 0.00	36.54 -1.25 0.00	31.92 -1.15 0.00	31.45 -1.17 0.00	29.21 -1.05 0.00	30.96 -1.15 0.00	28.99 -1.21 0.00	35.32 -1.70 0.00	41.20 -1.93 0.00	34.35 -1.46 0.00	35.66 -1.25 0.00	54.48 -1.29 0.00	52.88 -0.80 0.00	48.91 -0.51 0.00	33.83 -0.31 0.00	29.91 -0.34 0.00
MID__RAQUETTE_HYD 23851	51.17 -1.48 -0.02	49.70 -1.32 0.00	42.08 -0.97 0.00	37.60 -0.74 0.00	39.84 -0.50 0.00	43.86 -0.49 0.00	48.47 -0.57 0.00	49.35 -0.92 0.00	51.56 -1.34 0.00	36.82 -0.96 0.00	32.26 -0.81 0.00	31.85 -0.77 0.00	29.51 -0.75 0.00	31.26 -0.85 0.00	29.29 -0.91 0.00	35.50 -1.52 0.00	41.42 -1.72 0.00	34.58 -1.23 0.00	35.82 -1.10 0.00	54.34 -1.43 0.00	52.51 -1.17 0.00	48.45 -0.96 0.00	33.56 -0.57 0.00	29.78 -0.47 0.00
MILLIKEN__1 23584	46.46 -0.05 6.13	51.18 0.16 0.00	43.15 0.11 0.00	38.47 0.13 0.00	40.52 0.19 0.00	44.65 0.30 0.00	49.41 0.37 0.00	50.97 0.27 -0.43	58.08 0.19 -5.00	41.41 -0.01 -3.64	33.02 -0.22 -0.17	32.36 -0.26 0.00	29.97 -0.33 -0.04	31.86 -0.25 0.00	29.86 -0.34 0.00	36.69 -0.32 0.00	42.76 -0.37 0.00	35.46 -0.35 0.00	36.81 -0.12 -0.01	59.87 0.36 -3.74	58.66 0.62 -4.37	51.30 0.62 -1.27	34.88 0.36 -0.38	30.95 0.29 -0.42
MILLIKEN__2 23585	46.46 -0.05 6.13	51.18 0.16 0.00	43.15 0.11 0.00	38.47 0.13 0.00	40.52 0.19 0.00	44.65 0.30 0.00	49.41 0.37 0.00	50.97 0.27 -0.43	58.08 0.19 -5.00	41.41 -0.01 -3.64	33.02 -0.22 -0.17	32.36 -0.26 0.00	29.97 -0.33 -0.04	31.86 -0.25 0.00	29.86 -0.34 0.00	36.69 -0.32 0.00	42.76 -0.37 0.00	35.46 -0.35 0.00	36.81 -0.12 -0.01	59.87 0.36 -3.74	58.66 0.62 -4.37	51.30 0.62 -1.27	34.88 0.36 -0.38	30.95 0.29 -0.42
MILLIKEN__DIESEL 23629	46.46 -0.05 6.13	51.18 0.16 0.00	43.15 0.11 0.00	38.47 0.13 0.00	40.52 0.19 0.00	44.65 0.30 0.00	49.41 0.37 0.00	50.97 0.27 -0.43	58.08 0.19 -5.00	41.41 -0.01 -3.64	33.02 -0.22 -0.17	32.36 -0.26 0.00	29.97 -0.33 -0.04	31.86 -0.25 0.00	29.86 -0.34 0.00	36.69 -0.32 0.00	42.76 -0.37 0.00	35.46 -0.35 0.00	36.81 -0.12 -0.01	59.87 0.36 -3.74	58.66 0.62 -4.37	51.30 0.62 -1.27	34.88 0.36 -0.38	30.95 0.29 -0.42
MILLSEAT__LFGE 323607	35.35 -3.66 13.62	47.52 -3.50 0.00	40.03 -3.01 0.00	35.82 -2.51 0.00	37.67 -2.67 0.00	41.72 -2.63 0.00	45.94 -3.10 0.00	45.75 -3.33 1.20	34.90 -3.71 14.29	24.14 -3.27 10.38	29.28 -3.30 0.49	29.44 -3.18 0.00	27.08 -3.05 0.12	29.06 -3.06 0.00	27.14 -3.06 0.00	31.39 -3.54 2.08	12.12 -3.86 27.15	31.82 -3.16 0.84	33.62 -3.18 0.12	41.06 -4.08 10.63	37.96 -3.31 12.41	42.59 -3.22 3.60	30.77 -2.28 1.09	27.09 -1.96 1.20
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	60.71 4.08 -4.00	54.75 3.74 0.00	46.01 2.96 0.00	40.77 2.44 0.00	42.74 2.41 0.00	46.99 2.65 0.00	52.17 3.13 0.00	53.86 3.58 0.00	56.78 3.88 0.00	40.65 2.87 0.00	38.25 2.71 -2.48	35.81 2.69 -0.49	37.89 2.57 -5.06	34.88 2.73 -0.04	34.06 2.61 -1.26	40.21 3.19 0.00	46.89 3.75 0.00	38.71 2.90 0.00	39.68 2.76 0.00	59.64 3.86 0.00	57.40 3.72 0.00	52.79 3.37 0.00	36.42 2.28 0.00	32.26 2.02 0.00
MILLWOOD_13_KV_LOAD 356217	60.82 4.19 -4.00	54.87 3.85 0.00	46.09 3.05 0.00	40.85 2.51 0.00	42.82 2.48 0.00	47.08 2.74 0.00	52.27 3.23 0.00	53.97 3.69 0.00	56.91 4.01 0.00	40.74 2.96 0.00	38.33 2.77 -2.48	35.89 2.77 -0.49	37.96 2.64 -5.06	34.95 2.79 -0.04	34.12 2.66 -1.26	40.28 3.26 0.00	46.97 3.84 0.00	38.79 2.98 0.00	39.76 2.84 0.00	59.74 3.97 0.00	57.51 3.84 0.00	52.89 3.47 0.00	36.48 2.35 0.00	32.32 2.08 0.00
MODEL_CITY_ENERGY 24167	32.45 -5.38 14.81	45.77 -5.25 0.00	38.59 -4.46 0.00	34.57 -3.76 0.00	36.33 -4.01 0.00	40.18 -4.16 0.00	44.13 -4.92 0.00	43.55 -5.21 1.51	29.64 -5.12 18.14	20.48 -4.14 13.16	28.35 -4.10 0.62	28.69 -3.93 0.00	26.36 -3.74 0.15	28.32 -3.79 0.00	26.45 -3.74 0.00	31.93 -4.31 0.78	28.38 -4.61 10.14	31.63 -3.87 0.31	32.68 -4.17 0.07	36.29 -5.94 13.55	32.50 -5.36 15.81	39.59 -5.24 4.59	29.15 -3.59 1.39	25.71 -3.02 1.52
MODERN_LFGE__ 323580	32.45 -5.38 14.81	45.77 -5.25 0.00	38.59 -4.46 0.00	34.57 -3.76 0.00	36.33 -4.01 0.00	40.18 -4.16 0.00	44.13 -4.92 0.00	43.55 -5.21 1.51	29.64 -5.12 18.14	20.48 -4.14 13.16	28.35 -4.10 0.62	28.69 -3.93 0.00	26.36 -3.74 0.15	28.32 -3.79 0.00	26.45 -3.74 0.00	31.93 -4.31 0.78	28.38 -4.61 10.14	31.63 -3.87 0.31	32.68 -4.17 0.07	36.29 -5.94 13.55	32.50 -5.36 15.81	39.59 -5.24 4.59	29.15 -3.59 1.39	25.71 -3.02 1.52
MOHAWK_PAPER__DRP 24187	55.68 1.95 -1.09	52.96 1.94 0.00	44.63 1.59 0.00	39.74 1.41 0.00	41.78 1.45 0.00	45.80 1.46 0.00	50.57 1.54 0.00	51.86 1.58 0.00	54.37 1.47 0.00	39.02 1.24 0.00	34.15 1.08 0.00	33.68 1.06 0.00	31.25 0.99 0.00	33.09 0.98 0.00	31.21 1.01 0.00	38.29 1.27 0.00	44.61 1.47 0.00	37.03 1.22 0.00	38.07 1.16 0.00	57.36 1.58 0.00	55.45 1.77 0.00	51.07 1.66 0.00	35.35 1.21 0.00	31.28 1.04 0.00
MOHICAN__35_KV_115KV_LD 80490	57.33 3.58 -1.11	54.51 3.49 0.00	45.83 2.78 0.00	40.83 2.50 0.00	43.00 2.67 0.00	47.21 2.87 0.00	52.15 3.11 0.00	53.56 3.28 0.00	56.01 3.10 0.00	39.96 2.17 0.00	34.75 1.68 0.00	34.21 1.59 0.00	31.77 1.51 0.00	33.61 1.50 0.00	31.68 1.48 0.00	39.21 2.20 0.00	45.79 2.65 0.00	38.01 2.19 0.00	39.12 2.20 0.00	59.33 3.55 0.00	57.52 3.84 0.00	53.00 3.58 0.00	36.56 2.43 0.00	32.28 2.03 0.00
MONGAUP__HYD 23641	60.76 3.85 -4.28	54.55 3.54 0.00	45.87 2.82 0.00	40.69 2.35 0.00	42.67 2.34 0.00	46.93 2.59 0.00	52.08 3.04 0.00	53.66 3.39 0.00	56.47 3.57 0.00	40.21 2.43 0.00	32.95 2.29 2.41	34.41 2.26 0.48	27.43 2.08 4.91	34.30 2.23 0.04	31.04 2.06 1.22	39.46 2.44 0.00	46.06 2.93 0.00	38.23 2.41 0.00	39.44 2.52 0.00	59.47 3.70 0.00	57.45 3.77 0.00	52.84 3.42 0.00	36.45 2.31 0.00	32.22 1.98 0.00

MONTAUK___DIESEL 23721	62.18 5.58 -3.97	56.46 5.44 0.00	46.78 3.74 0.00	41.34 3.00 0.00	43.30 2.96 0.00	47.99 3.64 0.00	53.37 4.33 0.00	54.60 4.32 0.00	56.30 3.40 0.00	40.44 2.66 0.00	39.11 2.86 -3.18	98.76 3.42 -62.71	45.65 3.76 -11.64	54.53 4.88 -17.53	81.79 4.91 -46.68	56.01 6.31 -12.68	53.20 7.66 -2.42	41.63 5.81 0.00	42.31 5.39 0.00	63.16 7.39 -0.01	226.89 6.45 -166.77	54.99 5.57 0.00	37.99 3.85 0.00	34.00 3.76 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.95 -3.30 17.38	48.26 -2.76 0.00	40.70 -2.35 0.00	36.55 -1.78 0.00	38.45 -1.88 0.00	42.58 -1.76 0.00	47.07 -1.97 0.00	46.18 -2.15 1.95	27.11 -2.83 22.96	18.34 -2.77 16.68	29.64 -2.65 0.78	30.15 -2.47 0.00	27.66 -2.40 0.20	30.08 -2.03 0.00	27.96 -2.24 0.00	34.00 -2.43 0.59	32.69 -2.80 7.63	33.29 -2.29 0.23	34.33 -2.50 0.08	35.17 -3.46 17.14	30.52 -3.15 20.01	40.42 -3.19 5.81	30.26 -2.12 1.76	26.49 -1.83 1.93
MORRIS_RIDGE___SOLAR 323848	25.03 -3.48 24.12	48.10 -2.92 0.00	40.64 -2.41 0.00	36.37 -1.97 0.00	38.35 -1.98 0.00	42.26 -2.09 0.00	46.61 -2.43 0.00	40.69 -2.88 6.71	-29.26 -3.52 78.64	-22.33 -2.98 57.14	27.52 -2.88 2.67	29.83 -2.79 0.01	26.90 -2.69 0.67	29.58 -2.53 0.00	27.61 -2.59 0.00	33.69 -2.95 0.37	34.89 -3.35 4.89	32.91 -2.76 0.15	34.08 -2.63 0.20	-5.99 -2.87 58.89	-17.50 -2.43 68.74	27.07 -2.39 19.96	26.28 -1.81 6.04	22.05 -1.58 6.62
MORTIMER_115KV_TB3 55949	40.11 -2.32 10.20	48.86 -2.16 0.00	41.17 -1.88 0.00	36.75 -1.58 0.00	38.66 -1.67 0.00	42.69 -1.66 0.00	47.22 -1.83 0.00	48.07 -1.99 0.21	47.95 -2.43 2.52	33.90 -2.06 1.83	31.09 -1.90 0.08	30.83 -1.79 0.00	28.49 -1.75 0.02	30.40 -1.71 0.00	28.49 -1.70 0.00	35.21 -2.00 -0.19	43.25 -2.32 -2.43	34.11 -1.78 -0.07	35.21 -1.71 0.00	51.67 -2.22 1.88	49.53 -1.95 2.20	47.01 -1.77 0.64	32.65 -1.29 0.19	28.88 -1.15 0.21
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	60.91 4.31 -3.97	54.98 3.96 0.00	46.17 3.13 0.00	40.91 2.57 0.00	42.86 2.53 0.00	47.14 2.79 0.00	52.38 3.34 0.00	54.14 3.87 0.00	57.09 4.19 0.00	40.90 3.12 0.00	38.28 2.94 -2.27	36.01 2.93 -0.45	37.69 2.80 -4.63	35.16 3.01 -0.04	34.22 2.87 -1.15	40.50 3.48 0.00	47.21 4.08 0.00	38.97 3.16 0.00	39.90 2.98 0.00	59.93 4.16 0.00	57.64 3.96 0.00	53.00 3.58 0.00	36.58 2.45 0.00	32.45 2.21 0.00
MUNSVILLE_WIND_PWR 323609	61.74 1.39 -7.71	53.34 2.32 0.00	45.02 1.98 0.00	40.08 1.75 0.00	42.51 2.17 0.00	47.08 2.74 0.00	51.99 2.95 0.00	53.45 2.88 -0.30	58.74 2.37 -3.48	41.92 1.59 -2.55	33.95 1.14 0.26	33.36 0.81 0.08	30.22 0.71 0.75	32.92 0.82 0.01	30.68 0.66 0.18	37.81 0.80 0.00	44.33 1.19 0.00	36.68 0.86 0.00	38.28 1.36 -0.01	62.02 3.65 -2.60	60.72 4.01 -3.03	53.92 3.62 -0.88	36.64 2.23 -0.27	32.38 1.84 -0.29
N SALMON___HYD 24042	51.88 -0.76 0.00	50.22 -0.80 0.00	42.51 -0.53 0.00	37.95 -0.38 0.00	40.04 -0.29 0.00	44.16 -0.19 0.00	49.18 0.13 0.00	50.27 -0.01 0.00	52.63 -0.27 0.00	37.56 -0.22 0.00	32.89 -0.18 0.00	32.46 -0.16 0.00	30.05 -0.21 0.00	31.88 -0.23 0.00	29.91 -0.29 0.00	36.59 -0.43 0.00	42.74 -0.39 0.00	35.78 -0.03 0.00	37.02 0.10 0.00	55.73 -0.04 0.00	53.61 -0.07 0.00	49.27 -0.14 0.00	34.04 -0.09 0.00	30.09 -0.15 0.00
N.AKRON___115KV_KNAPP 355671	34.79 -3.90 13.94	47.24 -3.78 0.00	39.81 -3.24 0.00	35.64 -2.70 0.00	37.46 -2.87 0.00	41.48 -2.87 0.00	45.64 -3.40 0.00	45.32 -3.66 1.30	33.43 -4.04 15.42	23.13 -3.46 11.19	29.13 -3.41 0.53	29.36 -3.27 0.00	26.96 -3.17 0.13	28.97 -3.14 0.00	27.07 -3.13 0.00	31.85 -3.64 1.53	19.25 -4.00 19.89	31.98 -3.23 0.61	33.68 -3.14 0.10	39.85 -4.46 11.47	36.52 -3.77 13.39	41.90 -3.62 3.89	30.46 -2.50 1.18	26.82 -2.14 1.29
N.BELMOR_69_KV_BK1 55787	61.34 4.74 -3.97	55.73 4.71 0.00	46.80 3.76 0.00	41.41 3.08 0.00	43.36 3.03 0.00	47.71 3.36 0.00	52.96 3.92 0.00	54.61 4.33 0.00	57.58 4.69 0.00	41.28 3.49 0.00	39.67 3.42 -3.18	98.79 3.46 -62.71	45.17 3.28 -11.64	53.14 3.50 -17.53	80.20 3.32 -46.68	53.77 4.07 -12.68	50.32 4.78 -2.41	39.42 3.60 0.00	40.46 3.55 0.00	60.72 4.95 0.00	58.27 4.59 0.00	53.65 4.24 0.00	36.85 2.72 0.00	32.81 2.57 0.00
N.E_GEN_SANDY PD 24062	56.76 2.55 -1.58	56.09 2.55 -2.52	44.07 2.01 0.99	40.08 1.74 0.00	42.13 1.80 0.00	52.73 1.78 -6.60	50.93 1.89 0.00	52.37 2.09 0.00	55.06 2.16 0.00	39.43 1.60 -0.04	34.73 1.46 -0.21	34.17 1.46 -0.08	32.50 1.46 -0.78	33.55 1.44 -0.01	31.85 1.46 -0.19	38.87 1.85 0.00	45.28 2.15 0.00	37.53 1.71 0.00	38.49 1.58 0.00	53.74 2.15 4.18	60.20 2.42 -4.10	58.28 2.24 -6.63	36.56 1.60 -0.83	31.59 1.35 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	60.87 4.16 -4.08	54.77 3.75 0.00	46.04 2.99 0.00	40.81 2.47 0.00	42.77 2.44 0.00	47.04 2.69 0.00	52.21 3.17 0.00	53.91 3.63 0.00	56.83 3.93 0.00	40.68 2.90 0.00	32.00 2.72 3.79	34.58 2.70 0.75	25.12 2.58 7.72	34.78 2.73 0.06	30.89 2.61 1.92	40.22 3.21 0.00	46.92 3.79 0.00	38.72 2.90 0.00	39.69 2.77 0.00	59.65 3.88 0.00	57.44 3.76 0.00	52.82 3.40 0.00	36.43 2.30 0.00	32.27 2.03 0.00
N.QUEENS_27_KV_LOAD 356247	60.70 4.09 -3.97	54.77 3.75 0.00	46.05 3.00 0.00	40.77 2.43 0.00	42.73 2.39 0.00	46.99 2.65 0.00	52.24 3.20 0.00	54.00 3.73 0.00	56.88 3.98 0.00	40.83 3.05 0.00	38.26 2.92 -2.27	36.00 2.92 -0.45	37.66 2.77 -4.64	35.17 3.02 -0.04	34.16 2.82 -1.15	40.39 3.37 0.00	47.11 3.99 0.00	38.87 3.06 0.00	39.74 2.83 0.00	59.77 4.00 0.00	57.47 3.79 0.00	52.86 3.44 0.00	36.51 2.37 0.00	32.42 2.17 0.00
N.TROY___115KV_TB1 355778	55.83 2.10 -1.10	53.13 2.10 0.00	44.74 1.69 0.00	39.85 1.51 0.00	41.90 1.57 0.00	45.92 1.57 0.00	50.69 1.65 0.00	52.06 1.78 0.00	54.61 1.71 0.00	39.07 1.28 0.00	34.16 1.10 0.00	33.70 1.07 0.00	31.31 1.05 0.00	33.12 1.01 0.00	31.26 1.06 0.00	38.41 1.39 0.00	44.78 1.65 0.00	37.18 1.37 0.00	38.22 1.30 0.00	57.66 1.89 0.00	55.82 2.14 0.00	51.40 1.99 0.00	35.56 1.42 0.00	31.44 1.20 0.00
NARROWS_GT1_1 24228	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.86 4.18 0.00	53.27 3.85 0.00	36.82 2.68 0.00	32.67 2.42 0.00
NARROWS_GT1_2 24229	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.86 4.18 0.00	53.27 3.85 0.00	36.82 2.68 0.00	32.67 2.42 0.00

NARROWS_GT1_3 24230	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.86 4.18 0.00	53.27 3.85 0.00	36.82 2.68 0.00	32.67 2.42 0.00
NARROWS_GT1_4 24231	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.86 4.18 0.00	53.27 3.85 0.00	36.82 2.68 0.00	32.67 2.42 0.00
NARROWS_GT1_5 24232	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.86 4.18 0.00	53.27 3.85 0.00	36.82 2.68 0.00	32.67 2.42 0.00
NARROWS_GT1_6 24233	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.86 4.18 0.00	53.27 3.85 0.00	36.82 2.68 0.00	32.67 2.42 0.00
NARROWS_GT1_7 24234	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.86 4.18 0.00	53.27 3.85 0.00	36.82 2.68 0.00	32.67 2.42 0.00
NARROWS_GT1_8 24235	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.86 4.18 0.00	53.27 3.85 0.00	36.82 2.68 0.00	32.67 2.42 0.00
NARROWS_GT2_1 24236	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.95 4.27 0.00	53.43 4.01 -0.01	36.82 2.68 0.00	32.67 2.42 0.00
NARROWS_GT2_2 24237	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.95 4.27 0.00	53.43 4.01 -0.01	36.82 2.68 0.00	32.67 2.42 0.00
NARROWS_GT2_3 24238	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.95 4.27 0.00	53.43 4.01 -0.01	36.82 2.68 0.00	32.67 2.42 0.00
NARROWS_GT2_4 24239	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.95 4.27 0.00	53.43 4.01 -0.01	36.82 2.68 0.00	32.67 2.42 0.00
NARROWS_GT2_5 24240	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.95 4.27 0.00	53.43 4.01 -0.01	36.82 2.68 0.00	32.67 2.42 0.00
NARROWS_GT2_6 24241	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.95 4.27 0.00	53.43 4.01 -0.01	36.82 2.68 0.00	32.67 2.42 0.00
NARROWS_GT2_7 24242	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.95 4.27 0.00	53.43 4.01 -0.01	36.82 2.68 0.00	32.67 2.42 0.00
NARROWS_GT2_8 24243	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.95 4.27 0.00	53.43 4.01 -0.01	36.82 2.68 0.00	32.67 2.42 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	56.16 2.48 -1.05	53.43 2.41 0.00	45.04 2.00 0.00	40.11 1.78 0.00	42.18 1.85 0.00	46.29 1.95 0.00	51.16 2.12 0.00	52.39 2.11 0.00	54.81 1.92 0.00	39.30 1.52 0.00	34.36 1.29 0.00	33.67 1.05 0.00	31.29 1.04 0.00	33.09 0.98 0.00	31.23 1.03 0.00	38.42 1.40 0.00	44.91 1.78 0.00	37.33 1.51 0.00	38.41 1.50 0.00	57.95 2.17 0.00	56.11 2.43 0.00	51.65 2.24 0.00	35.73 1.59 0.00	31.58 1.33 0.00

NCHELSEA_115KV_TR2 355582	60.83	54.92	46.15	40.92	42.92	47.19	52.35	54.03	56.95	40.75	35.82	35.37	32.87	34.90	32.82	40.25	46.98	38.87	39.89	59.97	57.75	53.10	36.61	32.39
	4.25	3.90	3.11	2.58	2.59	2.84	3.31	3.75	4.05	2.97	2.75	2.74	2.62	2.79	2.63	3.23	3.85	3.05	2.97	4.20	4.07	3.69	2.47	2.14
	-3.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG CAPITAL___MECHNVIL 23645	56.55	53.81	45.30	40.35	42.46	46.58	51.43	52.77	55.31	39.55	34.53	34.01	31.59	33.43	31.54	38.85	45.31	37.63	38.71	58.59	56.68	52.19	36.04	31.84
	2.81	2.79	2.25	2.01	2.12	2.24	2.39	2.49	2.41	1.77	1.46	1.39	1.33	1.31	1.34	1.83	2.18	1.82	1.79	2.82	3.00	2.77	1.90	1.60
	-1.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG CENTRAL_HIGH_ACRES 23767	41.16	48.48	40.85	36.47	38.35	42.35	46.86	48.01	50.25	35.61	31.04	30.64	28.37	30.20	28.30	34.87	41.80	33.79	34.98	53.21	51.34	47.25	32.57	28.86
	-2.73	-2.54	-2.20	-1.87	-1.98	-2.00	-2.18	-2.27	-2.65	-2.17	-2.03	-1.99	-1.89	-1.92	-1.89	-2.24	-2.61	-2.06	-1.94	-2.57	-2.34	-2.16	-1.57	-1.39
	8.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-1.28	-0.04	0.00	0.00	0.00	0.00	0.00	0.00
NEG CENTRAL___DRP 24199	40.84	50.28	42.40	37.83	39.84	43.92	48.62	50.26	57.97	41.24	32.39	31.76	29.44	31.29	29.32	36.06	42.02	34.90	36.21	59.55	58.44	50.62	34.31	30.48
	-1.01	-0.74	-0.65	-0.51	-0.49	-0.43	-0.42	-0.52	-0.79	-0.81	-0.88	-0.87	-0.87	-0.82	-0.88	-0.95	-1.11	-0.91	-0.72	-0.61	-0.36	-0.29	-0.27	-0.26
	10.78	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-5.86	-4.26	-0.20	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	-0.01	-4.39	-5.13	-1.49	-0.45	-0.49
NEG CENTRAL___INDECK 23768	31.06	50.01	42.18	37.72	39.75	43.97	48.57	54.32	109.63	78.11	32.41	29.98	28.19	29.59	27.70	34.07	38.80	33.23	34.77	99.31	105.47	64.33	38.40	34.91
	-1.28	-1.01	-0.87	-0.62	-0.58	-0.38	-0.47	-1.02	-2.58	-2.78	-2.66	-2.65	-2.57	-2.52	-2.50	-2.86	-3.21	-2.55	-2.28	-0.92	-0.11	-0.15	-0.29	-0.33
	20.30	0.00	0.00	0.00	0.00	0.00	0.00	-5.06	-59.32	-43.10	-2.01	-0.01	-0.51	0.00	0.00	0.08	1.12	0.03	-0.14	-44.46	-51.89	-15.06	-4.56	-4.99
NEG CENTRAL___SENECA 23627	36.41	50.18	42.32	37.78	39.82	43.92	48.65	50.57	61.39	43.60	32.34	31.57	29.29	31.14	29.14	35.86	41.80	34.75	36.12	62.25	61.63	51.57	34.59	30.77
	-1.20	-0.84	-0.73	-0.56	-0.51	-0.43	-0.39	-0.50	-0.86	-0.98	-1.05	-1.06	-1.05	-0.97	-1.05	-1.16	-1.33	-1.07	-0.82	-0.53	-0.23	-0.22	-0.27	-0.26
	15.02	0.00	0.00	0.00	0.00	0.00	0.00	-0.80	-9.35	-6.80	-0.32	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	-0.02	-7.01	-8.18	-2.37	-0.72	-0.79
NEG CENTRAL___STATE_STREET 24147	45.65	50.66	42.71	38.08	40.09	44.18	48.88	50.23	54.81	39.10	32.60	32.13	29.75	31.62	29.65	36.45	42.49	35.28	36.58	57.19	55.57	50.02	34.31	30.38
	-0.53	-0.36	-0.34	-0.26	-0.24	-0.17	-0.16	-0.24	-0.43	-0.39	-0.55	-0.50	-0.53	-0.49	-0.54	-0.57	-0.64	-0.54	-0.34	-0.34	-0.15	0.01	-0.01	-0.07
	6.45	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-2.34	-1.71	-0.08	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	-0.01	-1.76	-2.05	-0.59	-0.18	-0.20
NEG MILLWOOD___DRP 24198	60.87	54.99	46.21	40.96	42.95	47.22	52.41	54.11	57.05	40.83	36.44	35.57	34.04	34.98	33.17	40.34	47.06	38.92	39.93	60.02	57.79	53.13	36.63	32.40
	4.32	3.97	3.16	2.62	2.62	2.88	3.37	3.84	4.15	3.05	2.84	2.84	2.70	2.86	2.70	3.31	3.93	3.11	3.01	4.25	4.11	3.71	2.49	2.16
	-3.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.53	-0.10	-1.08	-0.01	-0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG NORTH_FLCN_SEA 23793	52.93	51.41	43.30	38.69	40.76	44.96	49.94	51.08	53.63	38.17	33.35	32.95	30.54	32.41	30.39	37.30	43.61	36.47	37.70	56.82	54.76	50.35	34.76	30.62
	0.30	0.39	0.26	0.36	0.43	0.61	0.90	0.81	0.73	0.38	0.28	0.33	0.28	0.30	0.19	0.28	0.48	0.65	0.78	1.04	1.08	0.93	0.62	0.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG NORTH_KES_CHATEGAY 23792	52.09	50.39	42.65	38.05	40.04	44.15	48.94	50.04	52.45	37.44	32.78	32.36	29.96	31.79	29.85	36.49	42.63	35.65	36.84	55.70	53.68	49.30	33.99	30.02
	-0.54	-0.63	-0.40	-0.29	-0.29	-0.19	-0.10	-0.24	-0.45	-0.34	-0.29	-0.27	-0.30	-0.32	-0.35	-0.53	-0.50	-0.17	-0.08	-0.07	0.00	-0.11	-0.14	-0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG NORTH___ALICE_FALLS 23915	52.82	51.25	43.21	38.61	40.68	44.87	49.82	50.93	53.38	37.99	33.19	32.78	30.37	32.25	30.25	37.10	43.37	36.28	37.53	56.68	54.65	50.25	34.69	30.57
	0.19	0.22	0.17	0.28	0.35	0.53	0.78	0.66	0.48	0.21	0.12	0.16	0.11	0.13	0.05	0.08	0.24	0.47	0.61	0.91	0.97	0.83	0.56	0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG NORTH___LWR_SARANAC 23913	52.82	51.25	43.21	38.61	40.68	44.87	49.82	50.93	53.38	37.99	33.19	32.78	30.37	32.25	30.25	37.10	43.37	36.28	37.53	56.68	54.65	50.25	34.69	30.57
	0.19	0.22	0.17	0.28	0.35	0.53	0.78	0.66	0.48	0.21	0.12	0.16	0.11	0.13	0.05	0.08	0.24	0.47	0.61	0.91	0.97	0.83	0.56	0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG NORTH___PLATTSBURG 23628	52.84	51.25	43.22	38.61	40.68	44.87	49.82	50.94	53.38	37.99	33.19	32.79	30.36	32.25	30.25	37.10	43.36	36.28	37.53	56.67	54.65	50.24	34.69	30.57
	0.21	0.23	0.17	0.28	0.35	0.53	0.78	0.66	0.48	0.21	0.12	0.16	0.11	0.13	0.05	0.09	0.23	0.47	0.61	0.90	0.98	0.83	0.56	0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG WEST_LEA_LOCKPORT 23791	33.15	46.34	39.07	34.99	36.76	40.66	44.68	44.09	29.86	20.63	28.65	29.00	26.62	28.67	26.78	32.21	27.90	31.90	33.07	36.84	33.04	40.19	29.58	26.02
	-4.84	-4.68	-3.98	-3.35	-3.57	-3.69	-4.36	-4.66	-4.91	-3.99	-3.81	-3.62	-3.48	-3.44	-3.42	-3.98	-4.44	-3.58	-3.77	-5.43	-4.87	-4.65	-3.17	-2.71
	14.65	0.00	0.00	0.00	0.00	0.00	0.00	1.53	18.13	13.16	0.62	0.00	0.15	0.00	0.00	0.83	10.79	0.33	0.07	13.50	15.76	4.58	1.38	1.52
NEG WEST___LANCASTR 23811	30.83	46.84	39.50	35.35	37.23	41.05	45.27	44.43	26.75	18.40	28.97	29.49	27.14	29.31	27.29	33.16	31.63	32.54	33.67	35.07	30.61	40.02	29.68	25.98
	-4.50	-4.18	-3.54	-2.99	-3.11	-3.30	-3.77	-4.00	-4.35	-3.56	-3.36	-3.14	-2.93	-2.81	-2.91	-3.27	-3.76	-3.04	-3.17	-4.45	-4.09	-3.88	-2.79	-2.44
	17.30	0.00	0.00	0.00	0.00	0.00	0.00	1.85	21.79	15.83	0.74	0.00	0.19	0.00	0.00	0.59	7.74	0.24	0.07	16.26	18.97	5.51	1.67	1.83

NEG_PENN_ALLEGHNY 23528	82.11 -0.50 -29.97	50.87 -0.16 0.00	42.91 -0.13 0.00	38.25 -0.08 0.00	40.31 -0.02 0.00	44.36 0.02 0.00	49.07 0.03 0.00	50.56 0.06 -0.22	55.62 0.13 -2.59	39.67 0.00 -1.89	33.14 -0.01 -0.09	32.62 -0.01 0.00	30.25 -0.03 -0.02	32.20 0.09 0.00	30.16 -0.03 0.00	36.98 0.06 0.09	42.06 0.12 1.19	35.83 0.05 0.04	36.98 0.07 0.00	58.13 0.42 -1.94	56.43 0.49 -2.26	50.50 0.42 -0.66	34.56 0.22 -0.20	30.66 0.20 -0.22
NEG___GEN_MONROE 24207	39.99 -2.26 10.38	48.89 -2.12 0.00	41.19 -1.86 0.00	36.78 -1.56 0.00	38.68 -1.65 0.00	42.76 -1.59 0.00	47.28 -1.76 0.00	48.04 -1.97 0.27	47.28 -2.45 3.16	33.33 -2.16 2.29	30.87 -2.08 0.11	30.64 -1.99 0.00	28.30 -1.94 0.03	30.21 -1.90 0.00	28.30 -1.90 0.00	33.32 -2.22 1.48	21.33 -2.55 19.25	33.24 -1.98 0.59	34.94 -1.91 0.06	51.04 -2.37 2.36	49.02 -1.90 2.76	46.90 -1.71 0.80	32.64 -1.26 0.24	28.86 -1.13 0.27
NEPA___ENERGY 23901	31.15 -3.85 17.63	48.05 -2.97 0.00	40.56 -2.49 0.00	36.32 -2.02 0.00	38.34 -2.00 0.00	42.23 -2.12 0.00	46.56 -2.48 0.00	45.73 -2.62 1.92	26.94 -3.39 22.57	18.43 -2.96 16.40	29.61 -2.69 0.77	30.25 -2.38 0.00	27.75 -2.31 0.19	30.20 -1.91 0.00	27.90 -2.29 0.00	34.05 -2.39 0.57	33.01 -2.64 7.48	33.33 -2.26 0.23	34.33 -2.51 0.08	35.39 -3.52 16.86	30.73 -3.27 19.68	40.57 -3.13 5.72	30.24 -2.17 1.73	26.49 -1.86 1.90
NEVERSINK___HYD 23608	61.37 3.48 -5.26	54.18 3.16 0.00	45.55 2.50 0.00	40.41 2.07 0.00	42.41 2.07 0.00	46.64 2.30 0.00	51.85 2.82 0.00	54.23 3.95 0.00	57.09 4.19 0.00	40.80 3.01 0.00	34.86 2.77 0.97	35.16 2.73 0.19	30.86 2.59 1.99	34.76 2.67 0.02	31.88 2.17 0.49	39.72 2.70 0.00	46.43 3.30 0.00	38.53 2.71 0.00	39.59 2.68 0.00	59.65 3.88 0.00	57.40 3.73 0.00	52.69 3.28 0.00	36.31 2.17 0.00	32.11 1.87 0.00
NEWKRMKL_115KV_TB1 55635	55.34 1.61 -1.09	52.61 1.59 0.00	44.38 1.34 0.00	39.52 1.18 0.00	41.54 1.21 0.00	45.53 1.19 0.00	50.28 1.24 0.00	51.55 1.27 0.00	53.92 1.01 0.00	38.79 1.00 0.00	33.94 0.87 0.00	33.48 0.85 0.00	31.02 0.76 0.00	32.86 0.75 0.00	31.02 0.83 0.00	38.05 1.03 0.00	44.26 1.13 0.00	36.75 0.94 0.00	37.78 0.86 0.00	56.82 1.05 0.00	54.89 1.21 0.00	50.55 1.13 0.00	35.02 0.89 0.00	31.02 0.77 0.00
NEWTON___FALLS_HYD 23847	51.17 -1.50 -0.03	49.50 -1.52 0.00	41.78 -1.27 0.00	37.34 -1.00 0.00	39.70 -0.63 0.00	43.68 -0.66 0.00	48.27 -0.77 0.00	49.20 -1.07 0.00	51.32 -1.58 0.00	36.54 -1.25 0.00	31.92 -1.15 0.00	31.45 -1.17 0.00	29.21 -1.05 0.00	30.96 -1.15 0.00	28.99 -1.21 0.00	35.32 -1.70 0.00	41.20 -1.93 0.00	34.35 -1.46 0.00	35.66 -1.25 0.00	54.48 -1.29 0.00	52.88 -0.80 0.00	48.91 -0.51 0.00	33.83 -0.31 0.00	29.91 -0.34 0.00
NGRID_A1_DSASP 323792	32.64 -5.21 14.78	46.09 -4.93 0.00	38.86 -4.19 0.00	34.78 -3.55 0.00	36.54 -3.80 0.00	40.38 -3.97 0.00	44.39 -4.65 0.00	43.66 -5.05 1.56	29.44 -5.43 18.03	20.43 -4.26 13.10	28.52 -3.94 0.61	28.90 -3.72 0.00	26.60 -3.51 0.15	28.69 -3.42 0.00	26.76 -3.44 0.00	32.18 -4.19 0.64	29.50 -5.16 8.48	31.57 -3.99 0.26	32.70 -4.15 0.07	35.40 -6.41 13.96	31.45 -5.94 16.29	39.32 -5.38 4.72	29.08 -3.62 1.44	25.56 -3.13 1.56
NGRID_A2_DSASP 323793	32.64 -5.21 14.78	46.09 -4.93 0.00	38.86 -4.19 0.00	34.78 -3.55 0.00	36.54 -3.80 0.00	40.38 -3.97 0.00	44.39 -4.65 0.00	43.66 -5.05 1.56	29.44 -5.43 18.03	20.43 -4.26 13.10	28.52 -3.94 0.61	28.90 -3.72 0.00	26.60 -3.51 0.15	28.69 -3.42 0.00	26.76 -3.44 0.00	32.18 -4.19 0.64	29.50 -5.16 8.48	31.57 -3.99 0.26	32.70 -4.15 0.07	35.40 -6.41 13.96	31.45 -5.94 16.29	39.32 -5.38 4.72	29.08 -3.62 1.44	25.56 -3.13 1.56
NGRID_A4_DSASP 323807	32.64 -5.21 14.78	46.09 -4.93 0.00	38.86 -4.19 0.00	34.78 -3.55 0.00	36.54 -3.80 0.00	40.38 -3.97 0.00	44.39 -4.65 0.00	43.66 -5.05 1.56	29.44 -5.43 18.03	20.43 -4.26 13.10	28.52 -3.94 0.61	28.90 -3.72 0.00	26.60 -3.51 0.15	28.69 -3.42 0.00	26.76 -3.44 0.00	32.18 -4.19 0.64	29.50 -5.16 8.48	31.57 -3.99 0.26	32.70 -4.15 0.07	35.40 -6.41 13.96	31.45 -5.94 16.29	39.32 -5.38 4.72	29.08 -3.62 1.44	25.56 -3.13 1.56
NIAGARA_115E_LBMP 323715	31.97 -5.68 14.98	45.43 -5.59 0.00	38.30 -4.74 0.00	34.34 -4.00 0.00	36.06 -4.27 0.00	39.89 -4.46 0.00	43.77 -5.27 0.00	43.17 -5.56 1.55	28.89 -5.38 18.62	19.96 -4.31 13.51	28.15 -4.28 0.63	28.51 -4.12 0.00	26.18 -3.92 0.16	28.12 -3.99 0.00	26.28 -3.92 0.00	31.78 -4.50 0.74	28.76 -4.78 9.59	31.48 -4.04 0.30	32.45 -4.40 0.07	35.54 -6.29 13.94	31.69 -5.72 16.27	39.08 -5.61 4.72	28.87 -3.84 1.43	25.47 -3.21 1.57
NIAGARA_115W_LBMP 323714	32.53 -5.33 14.77	46.02 -4.99 0.00	38.80 -4.24 0.00	34.74 -3.60 0.00	36.49 -3.84 0.00	40.32 -4.02 0.00	44.34 -4.70 0.00	43.59 -5.13 1.56	29.56 -5.33 18.01	20.48 -4.21 13.09	28.47 -3.98 0.61	28.85 -3.77 0.00	26.61 -3.49 0.15	28.67 -3.44 0.00	26.73 -3.47 0.00	32.17 -4.21 0.64	29.52 -5.16 8.45	31.52 -4.04 0.26	32.63 -4.21 0.07	35.42 -6.44 13.91	31.48 -5.96 16.23	39.28 -5.43 4.70	29.01 -3.69 1.43	25.51 -3.18 1.56
NIAGARA_230_LBMP 323716	32.61 -5.29 14.74	46.07 -4.95 0.00	38.83 -4.22 0.00	34.76 -3.58 0.00	36.50 -3.83 0.00	40.34 -4.01 0.00	44.36 -4.68 0.00	43.74 -5.00 1.54	29.72 -5.27 17.90	20.57 -4.20 13.01	28.57 -3.89 0.61	28.96 -3.67 0.00	26.66 -3.45 0.15	28.69 -3.42 0.00	26.78 -3.42 0.00	32.37 -4.03 0.62	30.39 -4.67 8.08	31.86 -3.71 0.25	32.96 -3.89 0.07	36.49 -5.80 13.47	32.62 -5.32 15.73	39.90 -4.95 4.56	29.33 -3.42 1.38	25.80 -2.94 1.51
NIAGARA___115KV_198_GIBSON 55903	32.58 -5.28 14.77	46.03 -4.99 0.00	38.81 -4.24 0.00	34.74 -3.60 0.00	36.48 -3.85 0.00	40.33 -4.02 0.00	44.33 -4.71 0.00	43.57 -5.15 1.56	29.37 -5.52 18.01	20.39 -4.31 13.09	28.46 -4.00 0.61	28.85 -3.78 0.00	26.55 -3.55 0.15	28.65 -3.47 0.00	26.72 -3.48 0.00	32.14 -4.24 0.64	29.47 -5.22 8.45	31.51 -4.05 0.26	32.63 -4.22 0.07	35.34 -6.52 13.91	31.40 -6.04 16.23	39.24 -5.47 4.70	29.03 -3.67 1.43	25.51 -3.18 1.56
NIAGARA____ 23760	32.56 -5.29 14.78	46.07 -4.95 0.00	38.83 -4.22 0.00	34.76 -3.58 0.00	36.50 -3.83 0.00	40.34 -4.01 0.00	44.36 -4.68 0.00	43.73 -5.00 1.54	29.64 -5.27 17.99	20.50 -4.20 13.07	28.57 -3.89 0.61	28.96 -3.67 0.00	26.66 -3.45 0.15	28.69 -3.42 0.00	26.78 -3.42 0.00	32.35 -4.03 0.63	30.17 -4.67 8.30	31.85 -3.71 0.25	32.96 -3.89 0.07	36.31 -5.80 13.66	32.40 -5.32 15.95	39.83 -4.95 4.63	29.31 -3.42 1.40	25.78 -2.94 1.53
NINE_MILE_1 23575	51.01 -1.69 -0.06	49.42 -1.60 0.00	41.69 -1.36 0.00	37.13 -1.20 0.00	39.09 -1.25 0.00	43.02 -1.33 0.00	47.57 -1.47 0.00	48.74 -1.53 0.00	51.24 -1.66 0.00	36.54 -1.25 0.00	31.95 -1.12 0.00	31.52 -1.11 0.00	29.21 -1.05 0.00	31.02 -1.09 0.00	29.15 -1.04 0.00	35.75 -1.26 0.00	41.61 -1.52 0.00	34.46 -1.36 0.00	35.56 -1.36 0.00	53.82 -1.95 0.00	51.87 -1.81 0.00	47.78 -1.64 0.00	33.03 -1.11 0.00	29.34 -0.90 0.00

NINE_MILE_2 23744	51.02 -1.68 -0.06	49.42 -1.60 0.00	41.69 -1.35 0.00	37.14 -1.20 0.00	39.09 -1.25 0.00	43.02 -1.33 0.00	47.57 -1.47 0.00	48.75 -1.53 0.00	51.24 -1.66 0.00	36.54 -1.25 0.00	31.95 -1.12 0.00	31.52 -1.11 0.00	29.22 -1.04 0.00	31.02 -1.09 0.00	29.15 -1.04 0.00	35.76 -1.26 0.00	41.61 -1.52 0.00	34.46 -1.36 0.00	35.56 -1.36 0.00	53.83 -1.95 0.00	51.87 -1.81 0.00	47.78 -1.64 0.00	33.03 -1.11 0.00	29.35 -0.90 0.00
NM_CAPITAL___DRP 24208	55.37 1.65 -1.09	52.66 1.64 0.00	44.40 1.35 0.00	39.54 1.21 0.00	41.57 1.24 0.00	45.55 1.20 0.00	50.29 1.25 0.00	51.55 1.28 0.00	54.04 1.13 0.00	38.86 1.08 0.00	34.01 0.95 0.00	33.55 0.93 0.00	31.11 0.85 0.00	32.95 0.83 0.00	31.06 0.87 0.00	38.10 1.07 0.00	44.36 1.23 0.00	36.82 1.00 0.00	37.82 0.90 0.00	56.91 1.13 0.00	54.99 1.32 0.00	50.65 1.23 0.00	35.09 0.95 0.00	31.07 0.83 0.00
NM_CENTRAL___DRP 24181	48.98 -0.87 2.79	50.24 -0.78 0.00	42.36 -0.69 0.00	37.74 -0.59 0.00	39.74 -0.59 0.00	43.75 -0.60 0.00	48.40 -0.64 0.00	49.61 -0.67 0.00	52.13 -0.77 0.00	37.13 -0.66 0.00	32.44 -0.63 0.00	32.00 -0.63 0.00	29.66 -0.60 0.00	31.50 -0.61 0.00	29.57 -0.62 0.00	36.31 -0.70 0.00	42.28 -0.85 0.00	35.05 -0.76 0.00	36.23 -0.68 0.00	54.93 -0.84 0.00	52.96 -0.72 0.00	48.76 -0.66 0.00	33.68 -0.46 0.00	29.89 -0.36 0.00
NM_FRONTIER___DRP 24179	32.58 -5.28 14.77	46.03 -4.99 0.00	38.81 -4.24 0.00	34.74 -3.60 0.00	36.48 -3.85 0.00	40.33 -4.02 0.00	44.33 -4.71 0.00	43.57 -5.15 1.56	29.37 -5.52 18.01	20.39 -4.31 13.09	28.46 -4.00 0.61	28.85 -3.78 0.00	26.55 -3.55 0.15	28.65 -3.47 0.00	26.72 -3.48 0.00	32.14 -4.24 0.64	29.47 -5.22 8.45	31.51 -4.05 0.26	32.63 -4.22 0.07	35.34 -6.52 13.91	31.40 -6.04 16.23	39.24 -5.47 4.70	29.03 -3.67 1.43	25.51 -3.18 1.56
NM_ST_REGIS___HYD 24053	51.38 -1.27 -0.02	49.86 -1.16 0.00	42.21 -0.84 0.00	37.71 -0.63 0.00	39.92 -0.42 0.00	43.99 -0.36 0.00	49.29 0.24 0.00	50.28 0.01 0.00	52.64 -0.26 0.00	37.56 -0.23 0.00	32.89 -0.18 0.00	32.46 -0.17 0.00	30.05 -0.21 0.00	31.88 -0.23 0.00	29.91 -0.29 0.00	36.59 -0.43 0.00	42.75 -0.38 0.00	35.78 -0.03 0.00	37.02 0.10 0.00	54.90 -0.87 0.00	52.84 -0.83 0.00	48.71 -0.71 0.00	33.72 -0.42 0.00	29.88 -0.37 0.00
NORTHPORT___1 23551	60.59 3.99 -3.97	55.39 4.37 0.00	46.70 3.65 0.00	41.32 2.98 0.00	43.24 2.91 0.00	47.59 3.25 0.00	52.74 3.70 0.00	54.25 3.98 0.00	57.18 4.28 0.00	41.17 3.38 0.00	39.60 3.35 -3.18	98.73 3.39 -62.71	45.12 3.22 -11.64	53.12 3.48 -17.53	80.23 3.35 -46.68	53.76 4.06 -12.68	50.27 4.72 -2.41	39.19 3.38 0.00	40.25 3.34 0.00	60.21 4.44 0.00	57.69 4.01 0.00	53.25 3.84 0.00	36.63 2.49 0.00	32.77 2.53 0.00
NORTHPORT___2 23552	60.59 3.99 -3.97	55.39 4.37 0.00	46.70 3.65 0.00	41.32 2.98 0.00	43.24 2.91 0.00	47.59 3.25 0.00	52.74 3.70 0.00	54.25 3.98 0.00	57.18 4.28 0.00	41.17 3.38 0.00	39.60 3.35 -3.18	98.73 3.39 -62.71	45.12 3.22 -11.64	53.12 3.48 -17.53	80.23 3.35 -46.68	53.76 4.06 -12.68	50.27 4.72 -2.41	39.19 3.38 0.00	40.25 3.34 0.00	60.21 4.44 0.00	57.69 4.01 0.00	53.25 3.84 0.00	36.63 2.49 0.00	32.77 2.53 0.00
NORTHPORT___3 23553	60.58 3.97 -3.97	55.34 4.32 0.00	46.66 3.61 0.00	41.29 2.96 0.00	43.21 2.88 0.00	47.55 3.21 0.00	52.69 3.65 0.00	54.21 3.94 0.00	57.13 4.23 0.00	41.13 3.34 0.00	39.58 3.34 -3.18	98.69 3.36 -62.71	45.09 3.19 -11.64	53.08 3.44 -17.53	80.20 3.32 -46.68	53.70 4.00 -12.68	50.21 4.67 -2.41	39.15 3.33 0.00	40.20 3.28 0.00	60.12 4.34 0.00	57.60 3.92 0.00	53.18 3.76 0.00	36.57 2.43 0.00	32.72 2.48 0.00
NORTHPORT___4 23650	60.58 3.97 -3.97	55.34 4.32 0.00	46.66 3.61 0.00	41.29 2.96 0.00	43.21 2.88 0.00	47.55 3.21 0.00	52.69 3.65 0.00	54.21 3.94 0.00	57.13 4.23 0.00	41.13 3.34 0.00	39.58 3.34 -3.18	98.69 3.36 -62.71	45.09 3.19 -11.64	53.08 3.44 -17.53	80.20 3.32 -46.68	53.70 4.00 -12.68	50.21 4.67 -2.41	39.15 3.33 0.00	40.20 3.28 0.00	60.12 4.34 0.00	57.60 3.92 0.00	53.18 3.76 0.00	36.57 2.43 0.00	32.72 2.48 0.00
NORTHPORT___IC 23718	60.58 3.98 -3.97	55.38 4.36 0.00	46.70 3.65 0.00	41.31 2.98 0.00	43.24 2.91 0.00	47.59 3.25 0.00	52.75 3.70 0.00	54.26 3.99 0.00	57.24 4.34 0.00	41.19 3.61 0.00	39.61 3.36 -3.18	98.73 3.40 -62.71	45.13 3.24 -11.64	53.13 3.48 -17.53	80.23 3.35 -46.68	53.76 4.06 -12.68	50.28 4.73 -2.41	39.19 3.38 0.00	40.26 3.34 0.00	60.24 4.46 0.00	57.70 4.02 0.00	53.26 3.85 0.00	36.62 2.49 0.00	32.77 2.53 0.00
NORTH___COUNTRY_ESR 323785	52.01 -0.63 0.00	50.31 -0.71 0.00	42.58 -0.47 0.00	37.98 -0.36 0.00	39.96 -0.37 0.00	44.07 -0.28 0.00	48.84 -0.20 0.00	50.01 -0.27 0.00	52.43 -0.47 0.00	37.44 -0.35 0.00	32.77 -0.30 0.00	32.35 -0.27 0.00	29.96 -0.30 0.00	31.79 -0.32 0.00	29.84 -0.36 0.00	36.49 -0.53 0.00	42.61 -0.52 0.00	35.64 -0.18 0.00	36.83 -0.09 0.00	55.67 -0.10 0.00	53.57 -0.10 0.00	49.19 -0.22 0.00	33.91 -0.22 0.00	29.95 -0.30 0.00
NPX_GEN_1385_PROXY 323591	60.59 3.99 -3.97	55.39 4.37 0.00	46.70 3.65 0.00	41.32 2.98 0.00	43.24 2.91 0.00	47.59 3.25 0.00	52.74 3.70 0.00	53.99 3.98 0.27	57.18 4.28 0.00	41.17 3.38 0.00	39.60 3.35 -3.18	98.73 3.39 -62.71	45.12 3.22 -11.64	53.12 3.48 -17.53	80.23 3.35 -46.68	53.76 4.06 -12.68	50.27 4.72 -2.41	39.19 3.38 0.00	40.25 3.34 0.00	60.21 4.44 0.00	57.69 4.01 0.00	53.25 3.84 0.00	36.63 2.49 0.00	32.77 2.53 0.00
NPX_GEN_CSC 323557	60.96 4.35 -3.97	55.82 4.80 0.00	46.44 3.39 0.00	41.18 2.85 0.00	43.03 2.70 0.00	47.44 3.09 0.00	52.78 3.74 0.00	53.99 3.98 0.27	56.69 3.79 0.00	40.87 3.09 0.00	39.34 3.09 -3.18	98.90 3.56 -62.71	45.15 3.26 -11.64	53.61 3.96 -17.53	80.84 3.96 -46.68	54.73 5.03 -12.68	51.65 6.10 -2.42	40.36 4.55 0.00	41.04 4.12 0.00	61.23 5.45 -0.01	227.00 5.04 -168.28	53.85 4.43 0.00	36.88 2.75 0.00	33.13 2.88 0.00
NSINS_S_GLNS_FALLS 23858	57.30 3.55 -1.11	54.49 3.47 0.00	45.82 2.77 0.00	40.82 2.49 0.00	42.99 2.65 0.00	47.21 2.86 0.00	52.13 3.09 0.00	53.55 3.27 0.00	56.01 3.10 0.00	39.96 2.17 0.00	34.75 1.68 0.00	34.22 1.59 0.00	31.77 1.51 0.00	33.62 1.51 0.00	31.69 1.49 0.00	39.20 2.18 0.00	45.76 2.63 0.00	37.99 2.18 0.00	39.10 2.18 0.00	59.32 3.55 0.00	57.47 3.80 0.00	52.96 3.55 0.00	36.53 2.40 0.00	32.26 2.01 0.00
NUCOR_STEEL___DRP 24197	46.56 -0.54 5.53	50.62 -0.40 0.00	42.70 -0.35 0.00	38.05 -0.28 0.00	40.07 -0.27 0.00	44.13 -0.21 0.00	48.84 -0.21 0.00	49.99 -0.28 0.00	52.44 -0.46 0.00	37.41 -0.37 0.00	32.52 -0.55 0.00	32.15 -0.48 0.00	29.75 -0.51 0.00	31.64 -0.47 0.00	29.68 -0.52 0.00	36.46 -0.55 0.00	42.50 -0.63 0.00	35.29 -0.53 0.00	36.58 -0.33 0.00	55.37 -0.40 0.00	53.46 -0.22 0.00	49.39 -0.03 0.00	34.11 -0.03 0.00	30.15 -0.10 0.00

NUMBER_THREE_WT_PWR 323818	52.06 -0.62 -0.04	50.15 -0.87 0.00	42.18 -0.87 0.00	37.72 -0.62 0.00	40.30 -0.04 0.00	44.31 -0.04 0.00	48.95 -0.10 0.00	50.00 -0.27 0.00	52.16 -0.73 0.00	37.00 -0.79 0.00	32.21 -0.86 0.00	31.70 -0.92 0.00	29.46 -0.79 0.00	31.23 -0.88 0.00	29.23 -0.97 0.00	35.79 -1.23 0.00	41.79 -1.35 0.00	34.78 -1.03 0.00	36.19 -0.73 0.00	55.69 -0.09 0.00	54.18 0.50 0.00	50.19 0.77 0.00	34.65 0.52 0.00	30.51 0.27 0.00
NYISO_LBMP_REFERENCE 24008	52.63 0.00 0.00	51.02 0.00 0.00	43.05 0.00 0.00	38.34 0.00 0.00	40.33 0.00 0.00	44.35 0.00 0.00	49.04 0.00 0.00	50.28 0.00 0.00	52.90 0.00 0.00	37.78 0.00 0.00	33.07 0.00 0.00	32.63 0.00 0.00	30.26 0.00 0.00	32.11 0.00 0.00	30.20 0.00 0.00	37.02 0.00 0.00	43.13 0.00 0.00	35.82 0.00 0.00	36.92 0.00 0.00	55.77 0.00 0.00	53.68 0.00 0.00	49.42 0.00 0.00	34.14 0.00 0.00	30.25 0.00 0.00
NYPA_BRENTWD____GT 24164	61.01 4.40 -3.97	56.00 4.98 0.00	47.16 4.12 0.00	41.72 3.38 0.00	43.66 3.32 0.00	48.06 3.71 0.00	53.33 4.29 0.00	54.91 4.64 0.00	57.86 4.95 0.00	41.62 3.83 0.00	39.97 3.72 -3.18	99.15 3.82 -62.71	45.49 3.60 -11.64	53.53 3.89 -17.53	80.62 3.74 -46.68	54.25 4.55 -12.68	50.89 5.35 -2.41	39.76 3.95 0.00	40.82 3.91 0.00	61.14 5.37 0.00	103.19 4.94 -44.57	54.03 4.61 0.00	37.09 2.96 0.00	33.14 2.89 0.00
NYPA_GOWANUS____GT5 24156	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.86 4.18 0.00	53.27 3.85 0.00	36.82 2.68 0.00	32.67 2.42 0.00
NYPA_GOWANUS____GT6 24157	61.05 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.51 3.47 0.00	54.31 4.03 0.00	57.22 4.32 0.00	41.03 3.25 0.00	38.39 3.05 -2.27	36.13 3.05 -0.45	37.84 2.95 -4.64	35.37 3.22 -0.04	34.41 3.06 -1.15	40.73 3.71 0.00	47.53 4.39 0.00	39.21 3.40 0.00	40.10 3.18 0.00	60.24 4.47 0.00	57.86 4.18 0.00	53.27 3.85 0.00	36.82 2.68 0.00	32.67 2.42 0.00
NYPA_HARLEM__RVR__GT1 24160	60.63 4.03 -3.97	54.71 3.69 0.00	45.99 2.94 0.00	40.73 2.40 0.00	42.69 2.35 0.00	46.95 2.60 0.00	52.18 3.14 0.00	53.94 3.66 0.00	56.79 3.89 0.00	40.76 2.98 0.00	38.19 2.85 -2.27	35.95 2.88 -0.45	37.60 2.71 -4.64	35.12 2.97 -0.04	34.12 2.78 -1.15	40.35 3.33 0.00	47.05 3.92 0.00	38.82 3.00 0.00	39.70 2.78 0.00	59.67 3.90 0.00	57.39 3.71 0.00	52.80 3.38 0.00	36.48 2.34 0.00	32.38 2.13 0.00
NYPA_HARLEM__RVR__GT2 24161	60.63 4.03 -3.97	54.71 3.69 0.00	45.99 2.94 0.00	40.73 2.40 0.00	42.69 2.35 0.00	46.95 2.60 0.00	52.18 3.14 0.00	53.94 3.66 0.00	56.79 3.89 0.00	40.76 2.98 0.00	38.19 2.85 -2.27	35.95 2.88 -0.45	37.60 2.71 -4.64	35.12 2.97 -0.04	34.12 2.78 -1.15	40.35 3.33 0.00	47.05 3.92 0.00	38.82 3.00 0.00	39.70 2.78 0.00	59.67 3.90 0.00	57.39 3.71 0.00	52.80 3.38 0.00	36.48 2.34 0.00	32.38 2.13 0.00
NYPA_KENT____GT 24152	60.96 4.36 -3.97	55.08 4.06 0.00	46.26 3.21 0.00	40.96 2.63 0.00	42.94 2.61 0.00	47.20 2.85 0.00	52.48 3.44 0.00	54.27 3.99 0.00	57.20 4.30 0.00	41.01 3.23 0.00	38.38 3.04 -2.27	36.12 3.04 -0.45	37.82 2.92 -4.64	35.33 3.18 -0.04	34.37 3.03 -1.15	40.68 3.65 0.00	47.44 4.31 0.00	39.15 3.33 0.00	40.03 3.12 0.00	60.13 4.36 0.00	57.82 4.14 0.00	53.28 3.86 0.00	36.74 2.60 0.00	32.61 2.36 0.00
NYPA_POUCH1____GT 24155	60.97 4.37 -3.97	55.11 4.09 0.00	46.26 3.21 0.00	40.97 2.63 0.00	42.94 2.60 0.00	47.18 2.83 0.00	52.44 3.39 0.00	54.19 3.91 0.00	57.09 4.20 0.00	40.95 3.17 0.00	38.33 2.99 -2.27	36.05 2.97 -0.45	37.78 2.88 -4.64	35.31 3.16 -0.04	34.34 3.00 -1.15	40.66 3.64 0.00	47.44 4.31 0.00	39.14 3.33 0.00	40.03 3.12 0.00	60.10 4.32 0.00	57.76 4.09 0.00	53.29 3.87 0.00	36.79 2.65 0.00	32.64 2.40 0.00
NYPA_VERNON____GT2 24162	60.91 4.30 -3.97	54.99 3.97 0.00	46.21 3.16 0.00	40.92 2.58 0.00	42.89 2.55 0.00	47.16 2.81 0.00	52.45 3.41 0.00	54.25 3.97 0.00	57.17 4.27 0.00	40.99 3.21 0.00	38.36 3.02 -2.27	36.10 3.02 -0.45	37.79 2.89 -4.64	35.29 3.14 -0.04	34.34 2.99 -1.15	40.62 3.60 0.00	47.36 4.23 0.00	39.08 3.27 0.00	39.98 3.06 0.00	60.02 4.25 0.00	57.71 4.03 0.00	53.10 3.69 0.00	36.67 2.53 0.00	32.55 2.30 0.00
NYPA_VERNON____GT3 24163	60.91 4.30 -3.97	54.99 3.97 0.00	46.21 3.16 0.00	40.92 2.58 0.00	42.89 2.55 0.00	47.16 2.81 0.00	52.45 3.41 0.00	54.25 3.97 0.00	57.17 4.27 0.00	40.99 3.21 0.00	38.36 3.02 -2.27	36.10 3.02 -0.45	37.79 2.89 -4.64	35.29 3.14 -0.04	34.34 2.99 -1.15	40.62 3.60 0.00	47.36 4.23 0.00	39.08 3.27 0.00	39.98 3.06 0.00	60.02 4.25 0.00	57.71 4.03 0.00	53.10 3.69 0.00	36.67 2.53 0.00	32.55 2.30 0.00
NYPA__ASTORIA_CC1 323568	60.82 4.22 -3.97	54.91 3.89 0.00	46.13 3.08 0.00	40.85 2.51 0.00	42.82 2.48 0.00	47.07 2.73 0.00	52.36 3.31 0.00	54.15 3.87 0.00	57.06 4.16 0.00	40.92 3.13 0.00	38.30 2.96 -2.27	36.04 2.96 -0.45	37.73 2.83 -4.64	35.23 3.08 -0.04	34.28 2.93 -1.15	40.53 3.51 0.00	47.27 4.14 0.00	39.01 3.20 0.00	39.89 2.98 0.00	59.90 4.13 0.00	57.57 3.89 0.00	52.98 3.56 0.00	36.60 2.47 0.00	32.50 2.25 0.00
NYPA__ASTORIA_CC2 323569	60.82 4.22 -3.97	54.91 3.89 0.00	46.13 3.08 0.00	40.85 2.51 0.00	42.82 2.48 0.00	47.07 2.73 0.00	52.36 3.31 0.00	54.15 3.87 0.00	57.06 4.16 0.00	40.92 3.13 0.00	38.30 2.96 -2.27	36.04 2.96 -0.45	37.73 2.83 -4.64	35.23 3.08 -0.04	34.28 2.93 -1.15	40.53 3.51 0.00	47.27 4.14 0.00	39.01 3.20 0.00	39.89 2.98 0.00	59.90 4.13 0.00	57.57 3.89 0.00	52.98 3.56 0.00	36.60 2.47 0.00	32.50 2.25 0.00
NYPA__HOLTSVILL 23794	60.94 4.34 -3.97	55.80 4.78 0.00	46.92 3.88 0.00	41.51 3.18 0.00	43.43 3.10 0.00	47.83 3.48 0.00	53.07 4.03 0.00	54.64 4.36 0.00	57.50 4.61 0.00	41.39 3.61 0.00	39.77 3.52 -3.18	98.98 3.64 -62.71	45.33 3.44 -11.64	53.41 3.77 -17.53	80.52 3.64 -46.68	54.15 4.45 -12.68	50.79 5.25 -2.42	39.63 3.81 0.00	40.70 3.79 0.00	60.98 5.20 -0.01	232.71 4.82 -174.21	53.84 4.42 0.00	36.96 2.82 0.00	33.07 2.83 0.00
NYPA__HELLGATE_GT1 24158	60.63 4.03 -3.97	54.71 3.69 0.00	45.99 2.94 0.00	40.73 2.40 0.00	42.69 2.35 0.00	46.95 2.60 0.00	52.18 3.14 0.00	53.93 3.66 0.00	56.79 3.89 0.00	40.76 2.98 0.00	38.19 2.85 -2.27	35.95 2.88 -0.45	37.60 2.70 -4.64	35.12 2.97 -0.04	34.12 2.78 -1.15	40.35 3.33 0.00	47.05 3.92 0.00	38.82 3.00 0.00	39.70 2.78 0.00	59.67 3.90 0.00	57.39 3.71 0.00	52.80 3.38 0.00	36.48 2.34 0.00	32.38 2.13 0.00

NYPA_____HELLGATE_GT2 24159	60.63	54.71	45.99	40.73	42.69	46.95	52.18	53.93	56.79	40.76	38.19	35.95	37.60	35.12	34.12	40.35	47.05	38.82	39.70	59.67	57.39	52.80	36.48	32.38
	4.03	3.69	2.94	2.40	2.35	2.60	3.14	3.66	3.89	2.98	2.85	2.88	2.70	2.97	2.78	3.33	3.92	3.00	2.78	3.90	3.71	3.38	2.34	2.13
	-3.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.27	-0.45	-4.64	-0.04	-1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYS_BARGE___HYD 23848	33.34	46.34	39.07	34.99	36.77	40.68	44.72	44.22	31.10	21.50	28.70	29.00	26.67	28.66	26.75	32.17	27.55	31.89	33.06	37.70	34.05	40.49	29.64	26.12
	-4.85	-4.68	-3.98	-3.34	-3.57	-3.67	-4.32	-4.62	-4.65	-3.84	-3.79	-3.62	-3.44	-3.46	-3.44	-3.98	-4.31	-3.58	-3.78	-5.33	-4.75	-4.61	-3.18	-2.69
	14.44	0.00	0.00	0.00	0.00	0.00	0.00	1.44	17.14	12.44	0.58	0.00	0.15	0.00	0.00	0.87	11.27	0.35	0.07	12.75	14.88	4.32	1.31	1.43
OAK ORCHARD___HYD 24046	40.09	48.86	41.16	36.75	38.66	42.69	47.22	48.07	48.04	33.95	31.10	30.84	28.52	30.42	28.49	35.22	43.29	34.12	35.22	51.70	49.58	47.03	32.64	28.88
	-2.35	-2.15	-1.89	-1.58	-1.67	-1.66	-1.82	-1.99	-2.34	-2.01	-1.89	-1.79	-1.71	-1.69	-1.70	-1.98	-2.28	-1.77	-1.70	-2.19	-1.90	-1.75	-1.30	-1.15
	10.20	0.00	0.00	0.00	0.00	0.00	0.00	0.21	2.52	1.83	0.08	0.00	0.02	0.00	0.00	-0.19	-2.43	-0.07	0.00	1.88	2.20	0.64	0.19	0.21
OAKDALE___35_KV_LOAD 356122	86.45	50.82	42.90	38.23	40.30	44.31	49.00	50.52	55.93	39.90	33.14	32.63	30.27	32.22	30.18	36.99	42.00	35.81	36.96	58.28	56.64	50.51	34.53	30.65
	-0.52	-0.19	-0.14	-0.11	-0.04	-0.03	-0.04	0.00	0.11	-0.02	-0.03	0.00	-0.02	0.10	-0.02	0.07	0.13	0.04	0.04	0.32	0.41	0.35	0.17	0.16
	-34.33	0.00	0.00	0.00	0.00	0.00	0.00	-0.25	-2.92	-2.14	-0.10	0.00	-0.02	0.00	0.00	0.10	1.27	0.04	0.00	-2.19	-2.55	-0.74	-0.22	-0.24
OCC_CHEM___DRP 24175	32.64	46.09	38.86	34.78	36.54	40.38	44.39	43.66	29.44	20.43	28.52	28.90	26.60	28.69	26.76	32.18	29.50	31.57	32.70	35.40	31.45	39.32	29.08	25.56
	-5.21	-4.93	-4.19	-3.55	-3.80	-3.97	-4.65	-5.05	-5.43	-4.26	-3.94	-3.72	-3.51	-3.42	-3.44	-4.19	-5.16	-3.99	-4.15	-6.41	-5.94	-5.38	-3.62	-3.13
	14.78	0.00	0.00	0.00	0.00	0.00	0.00	1.56	18.03	13.10	0.61	0.00	0.15	0.00	0.00	0.64	8.48	0.26	0.07	13.96	16.29	4.72	1.44	1.56
OH_GEN_PROXY 24063	32.87	46.22	38.95	34.86	36.61	40.46	44.54	43.81	31.40	21.79	28.74	29.08	26.79	28.81	26.89	32.54	30.85	32.02	33.13	37.88	34.19	40.50	29.57	26.00
	-5.18	-4.80	-4.09	-3.48	-3.72	-3.89	-4.50	-4.80	-5.12	-4.09	-3.77	-3.54	-3.33	-3.30	-3.31	-3.88	-4.49	-3.56	-3.73	-5.57	-5.11	-4.74	-3.30	-2.86
	14.58	0.00	0.00	0.00	0.00	0.00	0.00	1.67	16.38	11.90	0.56	0.00	0.14	0.00	0.00	0.60	7.80	0.24	0.06	12.32	14.38	4.17	1.27	1.38
OLIN_CORP_DRP 24177	31.95	45.54	38.39	34.41	36.14	39.98	43.87	43.20	28.35	19.59	28.18	28.56	26.19	28.19	26.35	31.86	28.98	31.54	32.53	35.28	31.33	39.06	28.94	25.49
	-5.56	-5.48	-4.66	-3.93	-4.20	-4.37	-5.17	-5.49	-5.53	-4.39	-4.24	-4.06	-3.91	-3.93	-3.85	-4.45	-4.83	-3.99	-4.31	-6.25	-5.73	-5.53	-3.74	-3.15
	15.13	0.00	0.00	0.00	0.00	0.00	0.00	1.59	19.01	13.80	0.65	0.00	0.16	0.00	0.00	0.71	9.32	0.29	0.07	14.23	16.61	4.82	1.46	1.60
OLIN_CORP_DSASP 323712	32.64	46.09	38.86	34.78	36.54	40.38	44.39	43.66	29.44	20.43	28.52	28.90	26.60	28.69	26.76	32.18	29.50	31.57	32.70	35.40	31.45	39.32	29.08	25.56
	-5.21	-4.93	-4.19	-3.55	-3.80	-3.97	-4.65	-5.05	-5.43	-4.26	-3.94	-3.72	-3.51	-3.42	-3.44	-4.19	-5.16	-3.99	-4.15	-6.41	-5.94	-5.38	-3.62	-3.13
	14.78	0.00	0.00	0.00	0.00	0.00	0.00	1.56	18.03	13.10	0.61	0.00	0.15	0.00	0.00	0.64	8.48	0.26	0.07	13.96	16.29	4.72	1.44	1.56
ONEIDA_HERK_LFGE 323681	53.22	51.41	43.27	38.61	40.98	45.10	49.82	50.87	53.22	37.78	32.89	32.36	30.06	31.86	29.83	36.58	42.71	35.58	37.03	56.85	55.09	50.87	35.09	30.93
	0.54	0.39	0.23	0.28	0.64	0.75	0.78	0.59	0.32	-0.01	-0.18	-0.27	-0.20	-0.25	-0.37	-0.44	-0.42	-0.23	0.11	1.08	1.42	1.46	0.96	0.69
	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONEIDA___115KV_TB4 55905	53.88	51.99	43.81	39.05	41.20	45.37	50.15	51.17	53.67	38.15	33.25	32.71	30.36	32.22	30.18	37.04	43.21	35.94	37.29	57.01	55.18	50.85	35.07	30.99
	0.96	0.97	0.77	0.71	0.87	1.03	1.11	0.89	0.77	0.37	0.19	0.08	0.10	0.10	-0.01	0.03	0.07	0.12	0.37	1.24	1.50	1.43	0.94	0.74
	-0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONONDAGA_REF_OCCRA 23987	48.92	50.53	42.61	37.97	39.98	44.02	48.70	49.90	52.42	37.32	32.60	32.14	29.77	31.64	29.71	36.49	42.53	35.26	36.46	55.33	53.37	49.15	33.93	30.10
	-0.60	-0.49	-0.43	-0.37	-0.35	-0.32	-0.34	-0.38	-0.48	-0.46	-0.47	-0.50	-0.49	-0.47	-0.49	-0.52	-0.60	-0.56	-0.46	-0.44	-0.30	-0.27	-0.21	-0.15
	3.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONONDAGA___COGEN 23986	47.72	50.47	42.57	37.93	39.93	43.97	48.62	49.78	52.23	37.18	32.46	31.98	29.59	31.44	29.52	36.39	42.45	35.19	36.40	55.20	53.23	49.03	33.86	30.04
	-0.65	-0.55	-0.48	-0.41	-0.40	-0.38	-0.42	-0.50	-0.67	-0.60	-0.60	-0.64	-0.67	-0.67	-0.68	-0.63	-0.68	-0.62	-0.51	-0.57	-0.45	-0.38	-0.28	-0.20
	4.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONTARIO___LFGE 23819	36.38	50.18	42.31	37.78	39.82	43.92	48.66	50.57	61.41	43.61	32.34	31.57	29.30	31.15	29.14	35.86	41.81	34.75	36.12	62.26	61.63	51.58	34.59	30.77
	-1.24	-0.84	-0.73	-0.55	-0.51	-0.43	-0.38	-0.51	-0.84	-0.97	-1.05	-1.06	-1.04	-0.96	-1.05	-1.16	-1.32	-1.07	-0.81	-0.52	-0.22	-0.21	-0.26	-0.26
	15.02	0.00	0.00	0.00	0.00	0.00	0.00	-0.80	-9.35	-6.80	-0.32	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	-0.02	-7.01	-8.18	-2.37	-0.72	-0.79
ORANGEVILLE_WT_PWR 323706	27.68	47.55	40.15	35.95	37.87	41.75	45.97	41.93	-7.97	-6.89	27.99	29.62	26.91	29.40	27.43	33.37	33.37	32.70	33.83	9.52	0.74	31.83	27.45	23.43
	-3.94	-3.48	-2.90	-2.38	-2.47	-2.60	-3.08	-3.50	-4.03	-3.38	-3.15	-3.00	-2.86	-2.71	-2.77	-3.17	-3.59	-2.92	-2.93	-3.69	-3.27	-3.16	-2.32	-2.03
	21.01	0.00	0.00	0.00	0.00	0.00	0.00	4.85	56.84	41.30	1.93	0.00	0.48	0.00	0.00	0.47	6.18	0.19	0.15	42.56	49.67	14.42	4.37	4.78
ORANGEVILLE___ESR 323794	27.68	47.55	40.15	35.95	37.87	41.75	45.97	41.93	-7.97	-6.89	27.99	29.62	26.91	29.40	27.43	33.37	33.37	32.70	33.83	9.52	0.74	31.83	27.45	23.43
	-3.94	-3.48	-2.90	-2.38	-2.47	-2.60	-3.08	-3.50	-4.03	-3.38	-3.15	-3.00	-2.86	-2.71	-2.77	-3.17	-3.59	-2.92	-2.93	-3.69	-3.27	-3.16	-2.32	-2.03
	21.01	0.00	0.00	0.00	0.00	0.00	0.00	4.85	56.84	41.30	1.93	0.00	0.48	0.00	0.00	0.47	6.18	0.19	0.15	42.56	49.67	14.42	4.37	4.78

OSWEGATCHIE___HYD 24044	51.18 -1.49 -0.03	49.51 -1.51 0.00	41.78 -1.27 0.00	37.34 -1.00 0.00	39.70 -0.63 0.00	43.68 -0.66 0.00	48.27 -0.77 0.00	49.20 -1.08 0.00	51.31 -1.59 0.00	36.53 -1.25 0.00	31.92 -1.15 0.00	31.46 -1.17 0.00	29.21 -1.05 0.00	30.96 -1.15 0.00	28.99 -1.21 0.00	35.32 -1.70 0.00	41.20 -1.93 0.00	34.35 -1.46 0.00	35.66 -1.25 0.00	54.48 -1.29 0.00	52.88 -0.80 0.00	48.91 -0.51 0.00	33.83 -0.31 0.00	29.91 -0.34 0.00
OSWEGO___5 23606	51.32 -1.39 -0.07	49.73 -1.29 0.00	41.94 -1.11 0.00	37.37 -0.97 0.00	39.33 -1.01 0.00	43.29 -1.06 0.00	47.87 -1.17 0.00	49.05 -1.22 0.00	51.56 -1.34 0.00	36.75 -1.03 0.00	32.13 -0.94 0.00	31.69 -0.94 0.00	29.39 -0.87 0.00	31.21 -0.90 0.00	29.32 -0.88 0.00	35.97 -1.05 0.00	41.87 -1.26 0.00	34.69 -1.12 0.00	35.80 -1.11 0.00	54.21 -1.56 0.00	52.25 -1.43 0.00	48.14 -1.28 0.00	33.26 -0.87 0.00	29.53 -0.71 0.00
OSWEGO___6 23613	51.32 -1.39 -0.07	49.73 -1.29 0.00	41.94 -1.11 0.00	37.37 -0.97 0.00	39.33 -1.01 0.00	43.29 -1.06 0.00	47.87 -1.17 0.00	49.05 -1.22 0.00	51.56 -1.34 0.00	36.75 -1.03 0.00	32.13 -0.94 0.00	31.69 -0.94 0.00	29.39 -0.87 0.00	31.21 -0.90 0.00	29.32 -0.88 0.00	35.97 -1.05 0.00	41.87 -1.26 0.00	34.69 -1.12 0.00	35.80 -1.11 0.00	54.21 -1.56 0.00	52.25 -1.43 0.00	48.14 -1.28 0.00	33.26 -0.87 0.00	29.53 -0.71 0.00
OUTOKUMPU-AB___DRP 24206	33.24 -3.80 15.59	47.44 -3.58 0.00	39.96 -3.08 0.00	35.79 -2.55 0.00	37.60 -2.73 0.00	41.60 -2.74 0.00	45.79 -3.25 0.00	45.02 -3.51 1.75	28.41 -3.81 20.68	19.56 -3.20 15.02	29.29 -3.08 0.70	29.73 -2.89 0.00	27.27 -2.81 0.18	29.45 -2.66 0.00	27.39 -2.81 0.00	32.92 -3.37 0.72	29.91 -3.88 9.34	32.47 -3.06 0.29	33.67 -3.17 0.08	36.14 -4.62 15.01	32.00 -4.15 17.53	40.41 -3.91 5.10	29.92 -2.68 1.54	26.24 -2.32 1.69
OXBOW___BTM 323836	32.99 -4.86 14.78	46.49 -4.53 0.00	39.20 -3.85 0.00	35.09 -3.25 0.00	36.86 -3.47 0.00	40.74 -3.61 0.00	44.81 -4.24 0.00	44.10 -4.61 1.56	30.04 -4.84 18.03	20.82 -3.86 13.10	28.80 -3.66 0.61	29.17 -3.45 0.00	26.89 -3.22 0.15	28.95 -3.16 0.00	26.98 -3.21 0.00	32.50 -3.88 0.64	29.91 -4.74 8.48	31.86 -3.70 0.26	33.01 -3.84 0.07	35.96 -5.86 13.96	31.99 -5.40 16.29	39.76 -4.94 4.72	29.34 -3.35 1.44	25.79 -2.89 1.56
OXBOW___ 24026	33.05 -4.81 14.78	46.49 -4.53 0.00	39.20 -3.84 0.00	35.09 -3.25 0.00	36.86 -3.47 0.00	40.74 -3.61 0.00	44.80 -4.24 0.00	44.09 -4.63 1.56	29.87 -5.00 18.03	20.72 -3.96 13.10	28.78 -3.68 0.61	29.15 -3.48 0.00	26.83 -3.28 0.15	28.93 -3.18 0.00	26.99 -3.21 0.00	32.46 -3.91 0.64	29.83 -4.82 8.48	31.85 -3.71 0.26	33.00 -3.85 0.07	35.87 -5.94 13.96	31.89 -5.50 16.29	39.72 -4.98 4.72	29.35 -3.34 1.44	25.79 -2.90 1.56
OXY_CHEM_DSASP 323612	32.64 -5.21 14.78	46.09 -4.93 0.00	38.86 -4.19 0.00	34.78 -3.55 0.00	36.54 -3.80 0.00	40.38 -3.97 0.00	44.39 -4.65 0.00	43.66 -5.05 1.56	29.44 -5.43 18.03	20.43 -4.26 13.10	28.52 -3.94 0.61	28.90 -3.72 0.00	26.60 -3.51 0.15	28.69 -3.42 0.00	26.76 -3.44 0.00	32.18 -4.19 0.64	29.50 -5.16 8.48	31.57 -3.99 0.26	32.70 -4.15 0.07	35.40 -6.41 13.96	31.45 -5.94 16.29	39.32 -5.38 4.72	29.08 -3.62 1.44	25.56 -3.13 1.56
OZONE_PARK_ESR 323760	61.48 4.87 -3.97	55.49 4.47 0.00	46.57 3.52 0.00	41.23 2.90 0.00	43.21 2.88 0.00	47.50 3.15 0.00	52.83 3.79 0.00	54.62 4.34 0.00	57.58 4.68 0.00	41.25 3.47 0.00	38.60 3.26 -2.27	36.32 3.24 -0.45	37.99 3.09 -4.64	35.47 3.32 -0.04	34.50 3.15 -1.15	40.85 3.83 0.00	47.62 4.49 0.00	39.32 3.51 0.00	40.24 3.32 0.00	60.44 4.67 0.00	58.12 4.45 0.00	53.44 4.03 0.00	36.89 2.75 0.00	32.70 2.46 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.64 -5.21 14.78	46.09 -4.93 0.00	38.86 -4.19 0.00	34.78 -3.55 0.00	36.54 -3.80 0.00	40.38 -3.97 0.00	44.39 -4.65 0.00	43.66 -5.05 1.56	29.44 -5.43 18.03	20.43 -4.26 13.10	28.52 -3.94 0.61	28.90 -3.72 0.00	26.60 -3.51 0.15	28.69 -3.42 0.00	26.76 -3.44 0.00	32.18 -4.19 0.64	29.50 -5.16 8.48	31.57 -3.99 0.26	32.70 -4.15 0.07	35.40 -6.41 13.96	31.45 -5.94 16.29	39.32 -5.38 4.72	29.08 -3.62 1.44	25.56 -3.13 1.56
PACKARD___115KV_DUPONT_184 80571	32.59 -5.26 14.78	46.08 -4.94 0.00	38.86 -4.19 0.00	34.78 -3.55 0.00	36.54 -3.80 0.00	40.38 -3.96 0.00	44.40 -4.64 0.00	43.68 -5.04 1.56	29.61 -5.26 18.03	20.52 -4.17 13.10	28.54 -3.92 0.61	28.92 -3.71 0.00	26.65 -3.45 0.15	28.71 -3.40 0.00	26.77 -3.43 0.00	32.22 -4.16 0.64	29.57 -5.08 8.48	31.58 -3.98 0.26	32.71 -4.14 0.07	35.49 -6.32 13.96	31.54 -5.85 16.29	39.35 -5.34 4.72	29.07 -3.63 1.44	25.56 -3.13 1.56
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	60.76 4.16 -3.97	54.84 3.82 0.00	46.09 3.04 0.00	40.82 2.48 0.00	42.79 2.46 0.00	47.07 2.72 0.00	52.33 3.29 0.00	54.08 3.81 0.00	56.97 4.07 0.00	40.86 3.08 0.00	38.24 2.90 -2.27	36.01 2.93 -0.45	37.68 2.78 -4.64	35.19 3.04 -0.04	34.20 2.85 -1.15	40.44 3.42 0.00	47.16 4.03 0.00	38.90 3.09 0.00	39.78 2.87 0.00	59.83 4.06 0.00	57.53 3.85 0.00	52.92 3.50 0.00	36.54 2.41 0.00	32.45 2.20 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	61.81 5.20 -3.97	55.85 4.84 0.00	46.92 3.88 0.00	41.56 3.23 0.00	43.55 3.22 0.00	47.93 3.58 0.00	53.29 4.25 0.00	54.92 4.64 0.00	57.80 4.90 0.00	41.39 3.61 0.00	38.73 3.39 -2.27	36.48 3.41 -0.45	38.10 3.20 -4.64	35.64 3.49 -0.04	34.60 3.26 -1.15	40.95 3.93 0.00	47.76 4.63 0.00	39.06 3.25 0.00	39.92 3.00 0.00	59.99 4.22 0.00	57.67 4.00 0.00	53.05 3.63 0.00	36.66 2.53 0.00	32.71 2.46 0.00
PATROON___115KV_TB1 80586	55.46 1.74 -1.09	52.74 1.72 0.00	44.48 1.43 0.00	39.61 1.27 0.00	41.64 1.30 0.00	45.64 1.29 0.00	50.39 1.35 0.00	51.65 1.38 0.00	54.07 1.16 0.00	38.88 1.09 0.00	34.03 0.97 0.00	33.56 0.94 0.00	31.11 0.85 0.00	32.94 0.84 0.00	31.10 0.90 0.00	38.15 1.13 0.00	44.40 1.27 0.00	36.86 1.04 0.00	37.88 0.96 0.00	57.00 1.23 0.00	55.06 1.38 0.00	50.70 1.28 0.00	35.12 0.98 0.00	31.10 0.85 0.00
PATTRSNVILLE___SOLAR 323815	55.63 1.86 -1.14	52.84 1.82 0.00	44.54 1.49 0.00	39.65 1.31 0.00	41.71 1.37 0.00	45.84 1.49 0.00	50.59 1.54 0.00	51.63 1.35 0.00	54.05 1.15 0.00	38.69 0.90 0.00	33.72 0.65 0.00	33.15 0.53 0.00	30.74 0.48 0.00	32.56 0.45 0.00	30.74 0.54 0.00	37.77 0.75 0.00	44.09 0.96 0.00	36.64 0.82 0.00	37.71 0.80 0.00	57.49 1.72 0.00	55.63 1.95 0.00	51.23 1.81 0.00	35.39 1.25 0.00	31.31 1.07 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.44 -4.32 16.87	46.98 -4.04 0.00	39.63 -3.42 0.00	35.46 -2.88 0.00	37.34 -2.99 0.00	41.19 -3.15 0.00	45.42 -3.62 0.00	44.55 -3.83 1.90	26.35 -4.18 22.37	18.09 -3.45 16.24	29.04 -3.27 0.76	29.56 -3.07 0.00	27.17 -2.90 0.19	29.34 -2.77 0.00	27.34 -2.86 0.00	33.19 -3.21 0.62	31.43 -3.67 8.03	32.63 -2.94 0.25	33.78 -3.06 0.08	34.77 -4.32 16.68	30.27 -3.94 19.47	40.02 -3.74 5.66	29.76 -2.66 1.71	26.04 -2.33 1.88

PAWLING_115_KV_BK3_REV_LBMP_H 345028	60.87 4.32 -3.91	54.99 3.97 0.00	46.21 3.16 0.00	40.96 2.62 0.00	42.95 2.62 0.00	47.22 2.88 0.00	52.41 3.37 0.00	54.11 3.84 0.00	57.05 4.15 0.00	40.83 3.05 0.00	36.44 2.84 -0.53	35.57 2.84 -0.10	34.04 2.70 -1.08	34.98 2.86 -0.01	33.17 2.70 -0.27	40.34 3.31 0.00	47.06 3.93 0.00	38.92 3.11 0.00	39.93 3.01 0.00	60.02 4.25 0.00	57.79 4.11 0.00	53.13 3.71 0.00	36.63 2.49 0.00	32.40 2.16 0.00
PEEKSKILL____ 23653	60.69 4.05 -4.01	54.71 3.69 0.00	45.97 2.92 0.00	40.74 2.41 0.00	42.72 2.38 0.00	46.96 2.61 0.00	52.13 3.09 0.00	53.81 3.54 0.00	56.72 3.82 0.00	40.61 2.82 0.00	38.31 2.67 -2.57	35.80 2.66 -0.51	38.04 2.53 -5.25	34.86 2.70 -0.04	34.08 2.58 -1.30	40.17 3.15 0.00	46.85 3.72 0.00	38.68 2.87 0.00	39.65 2.73 0.00	59.58 3.81 0.00	57.35 3.68 0.00	52.75 3.34 0.00	36.40 2.26 0.00	32.24 2.00 0.00
PGE MADISON__WINDPWR 24146	61.75 1.40 -7.71	53.34 2.32 0.00	45.02 1.98 0.00	40.08 1.75 0.00	42.51 2.17 0.00	47.08 2.73 0.00	51.99 2.95 0.00	53.46 2.89 -0.30	58.75 2.37 -3.48	41.92 1.59 -2.55	33.95 1.14 0.26	33.37 0.81 0.08	30.22 0.71 0.75	32.92 0.82 0.01	30.68 0.66 0.18	37.81 0.80 0.00	44.32 1.19 0.00	36.68 0.86 0.00	38.28 1.36 -0.01	62.03 3.66 -2.60	60.73 4.02 -3.03	53.92 3.62 -0.88	36.64 2.24 -0.27	32.38 1.84 -0.29
PIERCEFIELD____HYD 23852	51.17 -1.48 -0.02	49.70 -1.32 0.00	42.08 -0.97 0.00	37.60 -0.74 0.00	39.84 -0.50 0.00	43.86 -0.49 0.00	48.47 -0.57 0.00	49.35 -0.92 0.00	51.56 -1.34 0.00	36.82 -0.96 0.00	32.26 -0.81 0.00	31.85 -0.77 0.00	29.51 -0.75 0.00	31.26 -0.85 0.00	29.29 -0.91 0.00	35.50 -1.52 0.00	41.42 -1.72 0.00	34.58 -1.23 0.00	35.82 -1.10 0.00	54.34 -1.43 0.00	52.51 -1.17 0.00	48.45 -0.96 0.00	33.56 -0.57 0.00	29.78 -0.47 0.00
PINELAWN_CC_1 323563	61.28 4.68 -3.97	55.86 4.84 0.00	46.97 3.93 0.00	41.54 3.20 0.00	43.48 3.15 0.00	47.87 3.52 0.00	53.12 4.08 0.00	54.76 4.49 0.00	57.70 4.80 0.00	41.45 3.66 -3.18	39.80 3.55 -62.71	98.98 3.64 -11.64	45.32 3.42 -17.53	53.33 3.69 -46.68	80.40 3.52 -12.68	54.01 4.31 -2.41	50.64 5.09 0.00	39.60 3.79 0.00	40.64 3.72 0.00	60.92 5.15 0.00	73.62 4.77 -15.18	53.84 4.42 0.00	36.97 2.83 0.00	32.96 2.72 0.00
PJM_GEN_HTP_PROXY 323702	60.90 4.30 -3.97	54.94 3.92 0.00	42.62 3.10 3.52	40.87 2.54 0.00	42.83 2.49 0.00	53.70 2.75 -6.60	52.35 3.31 0.00	54.13 3.85 0.00	57.07 4.17 0.00	40.90 3.12 0.00	38.30 2.95 -2.28	36.02 2.94 -0.45	37.73 2.82 -4.64	35.19 3.04 -0.04	34.26 2.91 -1.15	40.54 3.51 0.00	47.23 4.10 0.00	39.00 3.19 0.00	39.90 2.99 0.00	59.90 4.13 0.00	57.61 3.93 0.00	52.98 3.57 0.00	36.57 2.43 0.00	32.43 2.18 0.00
PJM_GEN_KEystone 24065	28.58 -2.50 21.55	27.30 -1.99 21.73	21.85 -1.69 19.50	19.02 -1.44 17.87	18.42 -1.48 20.43	16.66 -1.62 26.07	26.94 -1.85 20.25	21.96 -1.90 26.42	24.43 -2.38 26.09	27.21 -2.00 8.57	28.09 -1.78 3.20	30.52 -1.55 0.56	-26.00 -1.45 54.81	-35.21 -1.27 66.05	25.06 -1.44 3.70	35.11 -1.52 0.38	36.45 -1.69 4.99	-82.00 -1.55 116.27	25.13 -1.77 10.02	37.34 -2.56 15.87	37.49 -2.37 13.82	24.15 -2.23 23.03	16.17 -1.60 16.37	18.03 -1.34 10.87
PJM_GEN_NEPTUNE_PROXY 323594	60.73 4.12 -3.97	55.22 4.20 0.00	42.89 3.37 3.52	41.08 2.74 0.00	43.01 2.68 0.00	53.92 2.97 -6.60	52.51 3.47 0.00	54.13 3.85 0.00	57.02 4.12 0.00	40.95 3.17 0.00	39.37 3.12 -3.18	98.48 3.15 -62.71	44.88 2.98 -11.64	52.85 3.21 -17.53	79.96 3.08 -46.68	53.44 3.74 -12.68	49.94 4.40 -2.41	39.08 3.27 0.00	40.09 3.18 0.00	60.10 4.32 0.00	57.68 4.01 0.00	53.14 3.73 0.00	36.53 2.39 0.00	32.55 2.31 0.00
PJM_GEN_VFT_PROXY 323633	60.72 4.12 -3.97	54.75 3.73 0.00	42.42 2.90 3.52	40.70 2.36 0.00	42.65 2.32 0.00	53.50 2.55 -6.60	52.15 3.11 0.00	53.92 3.64 0.00	56.83 3.94 0.00	40.72 2.93 0.00	38.13 2.78 -2.27	35.85 2.77 -0.45	37.55 2.65 -4.64	35.01 2.86 -0.04	34.10 2.75 -1.15	40.36 3.34 0.00	47.05 3.92 0.00	38.83 3.01 0.00	39.74 2.82 0.00	59.72 3.95 0.00	57.44 3.76 0.00	52.83 3.42 0.00	36.49 2.36 0.00	32.37 2.12 0.00
PLATSBURG_115KV_PMLD1 355749	52.91 0.27 0.00	51.39 0.37 0.00	43.29 0.25 0.00	38.67 0.33 0.00	40.75 0.41 0.00	44.94 0.59 0.00	49.91 0.87 0.00	51.05 0.78 0.00	53.61 0.71 0.00	38.16 0.37 0.00	33.34 0.27 0.00	32.94 0.31 0.00	30.52 0.26 0.00	32.40 0.29 0.00	30.37 0.18 0.00	37.28 0.27 0.00	43.58 0.45 0.00	36.45 0.63 0.00	37.67 0.76 0.00	56.77 1.00 0.00	54.73 1.06 0.00	50.33 0.91 0.00	34.73 0.59 0.00	30.59 0.35 0.00
PLEASANTVLY____LBMP 24000	60.01 3.58 -3.79	54.31 3.29 0.00	45.67 2.62 0.00	40.50 2.16 0.00	42.49 2.15 0.00	46.69 2.35 0.00	51.76 2.72 0.00	53.39 3.11 0.00	56.24 3.34 0.00	40.27 2.49 0.00	36.05 2.35 -0.63	35.08 2.33 -0.13	33.79 2.24 -1.29	34.50 2.37 -0.01	32.78 2.26 -0.32	39.79 2.77 0.00	46.41 3.28 0.00	38.38 2.57 0.00	39.36 2.44 0.00	59.13 3.36 0.00	56.97 3.30 0.00	52.42 3.00 0.00	36.17 2.03 0.00	32.03 1.78 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	60.86 4.30 -3.93	54.98 3.96 0.00	46.18 3.13 0.00	40.91 2.58 0.00	42.89 2.55 0.00	47.14 2.79 0.00	52.38 3.34 0.00	54.05 3.78 0.00	56.97 4.07 0.00	40.80 3.01 0.00	37.51 2.83 -1.62	35.77 2.82 -0.32	36.25 2.70 -3.30	35.01 2.87 -0.03	33.75 2.73 -0.82	40.37 3.35 0.00	47.06 3.93 0.00	38.88 3.07 0.00	39.87 2.95 0.00	59.86 4.09 0.00	57.62 3.95 0.00	52.97 3.56 0.00	36.54 2.41 0.00	32.40 2.15 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	60.86 4.30 -3.93	54.98 3.96 0.00	46.18 3.13 0.00	40.91 2.58 0.00	42.89 2.55 0.00	47.14 2.79 0.00	52.38 3.34 0.00	54.05 3.78 0.00	56.97 4.07 0.00	40.80 3.01 0.00	37.51 2.83 -1.62	35.77 2.82 -0.32	36.25 2.70 -3.30	35.01 2.87 -0.03	33.75 2.73 -0.82	40.37 3.35 0.00	47.06 3.93 0.00	38.88 3.07 0.00	39.87 2.95 0.00	59.86 4.09 0.00	57.62 3.95 0.00	52.97 3.56 0.00	36.54 2.41 0.00	32.40 2.15 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	60.35 3.88 -3.83	54.61 3.59 0.00	45.91 2.86 0.00	40.72 2.39 0.00	42.73 2.39 0.00	46.95 2.61 0.00	52.06 3.02 0.00	53.67 3.40 0.00	56.60 3.70 0.00	40.51 2.73 0.00	35.58 2.51 0.00	35.11 2.48 0.00	32.63 2.37 0.00	34.64 2.53 0.00	32.59 2.40 0.00	39.99 2.97 0.00	46.68 3.55 0.00	38.64 2.82 0.00	39.66 2.74 0.00	59.64 3.87 0.00	57.47 3.80 0.00	52.87 3.45 0.00	36.45 2.32 0.00	32.25 2.00 0.00
POLETTI____ 23519	60.89 4.28 -3.97	54.95 3.93 0.00	46.15 3.10 0.00	40.88 2.54 0.00	42.84 2.50 0.00	47.09 2.75 0.00	52.36 3.31 0.00	54.13 3.86 0.00	57.08 4.18 0.00	40.90 3.12 0.00	38.29 2.95 -2.27	36.01 2.93 -0.45	37.71 2.81 -4.64	35.17 3.02 -0.04	34.23 2.89 -1.15	40.51 3.49 0.00	47.21 4.09 0.00	38.98 3.17 0.00	39.89 2.97 0.00	59.92 4.15 0.00	57.61 3.94 0.00	52.98 3.57 0.00	36.58 2.45 0.00	32.46 2.21 0.00

POMONA___ESR 323819	60.88 4.17 -4.08	54.78 3.76 0.00	46.04 2.99 0.00	40.81 2.47 0.00	42.77 2.44 0.00	47.04 2.69 0.00	52.21 3.16 0.00	53.90 3.62 0.00	56.81 3.91 0.00	40.68 2.89 0.00	31.99 2.71 3.79	34.57 2.70 0.75	25.10 2.56 7.72	34.78 2.73 0.06	30.90 2.62 1.92	40.22 3.20 0.00	46.92 3.79 0.00	38.72 2.90 0.00	39.69 2.77 0.00	59.64 3.86 0.00	57.43 3.75 0.00	52.82 3.40 0.00	36.44 2.30 0.00	32.27 2.03 0.00
PORT_JEFF_3 23555	61.05 4.44 -3.97	55.93 4.91 0.00	46.99 3.94 0.00	41.58 3.24 0.00	43.51 3.17 0.00	47.90 3.55 0.00	53.17 4.13 0.00	54.73 4.45 0.00	57.61 4.71 0.00	41.46 3.68 0.00	39.84 3.59 -3.18	99.05 3.72 -62.71	45.39 3.50 -11.64	53.49 3.85 -17.53	80.60 3.72 -46.68	54.26 4.56 -12.68	50.92 5.37 -2.42	39.69 3.87 0.00	40.73 3.82 0.00	61.02 5.24 -0.01	225.55 4.90 -166.97	53.94 4.52 0.00	37.01 2.87 0.00	33.13 2.88 0.00
PORT_JEFF_4 23616	61.05 4.44 -3.97	55.93 4.91 0.00	46.99 3.94 0.00	41.58 3.24 0.00	43.51 3.17 0.00	47.90 3.55 0.00	53.17 4.13 0.00	54.73 4.45 0.00	57.61 4.71 0.00	41.46 3.68 0.00	39.84 3.59 -3.18	99.05 3.72 -62.71	45.39 3.50 -11.64	53.49 3.85 -17.53	80.60 3.72 -46.68	54.26 4.56 -12.68	50.92 5.37 -2.42	39.69 3.87 0.00	40.73 3.82 0.00	61.02 5.24 -0.01	225.55 4.90 -166.97	53.94 4.52 0.00	37.01 2.87 0.00	33.13 2.88 0.00
PORT_JEFF_IC 23713	61.10 4.50 -3.97	55.98 4.96 0.00	46.99 3.94 0.00	41.58 3.24 0.00	43.49 3.16 0.00	47.89 3.55 0.00	53.18 4.14 0.00	54.74 4.47 0.00	57.65 4.75 0.00	41.47 3.69 0.00	39.84 3.59 -3.18	99.09 3.75 -62.71	45.42 3.52 -11.64	53.55 3.90 -17.53	80.66 3.78 -46.68	54.34 4.65 -12.68	51.01 5.46 -2.42	39.64 3.83 0.00	40.66 3.74 0.00	60.87 5.10 -0.01	203.43 4.84 -144.92	53.95 4.53 0.00	37.00 2.86 0.00	33.15 2.90 0.00
PPL PILGRIM_ST_GT1 24216	61.01 4.40 -3.97	56.00 4.98 0.00	47.16 4.12 0.00	41.72 3.38 0.00	43.66 3.32 0.00	48.06 3.71 0.00	53.33 4.29 0.00	54.91 4.64 0.00	57.86 4.95 0.00	41.62 3.83 0.00	39.97 3.72 -3.18	99.15 3.82 -62.71	45.49 3.60 -11.64	53.53 3.89 -17.53	80.62 3.74 -46.68	54.25 4.55 -12.68	50.89 5.35 -2.41	39.76 3.95 0.00	40.82 3.91 0.00	61.14 5.37 0.00	103.19 4.94 -44.57	54.03 4.61 0.00	37.09 2.96 0.00	33.14 2.89 0.00
PPL PILGRIM_ST_GT2 24217	61.01 4.40 -3.97	56.00 4.98 0.00	47.16 4.12 0.00	41.72 3.38 0.00	43.66 3.32 0.00	48.06 3.71 0.00	53.33 4.29 0.00	54.91 4.64 0.00	57.86 4.95 0.00	41.62 3.83 0.00	39.97 3.72 -3.18	99.15 3.82 -62.71	45.49 3.60 -11.64	53.53 3.89 -17.53	80.62 3.74 -46.68	54.25 4.55 -12.68	50.89 5.35 -2.41	39.76 3.95 0.00	40.82 3.91 0.00	61.14 5.37 0.00	103.19 4.94 -44.57	54.03 4.61 0.00	37.09 2.96 0.00	33.14 2.89 0.00
PPL_SHRM_GT3 24213	61.00 4.39 -3.97	55.86 4.84 0.00	46.53 3.48 0.00	41.24 2.90 0.00	43.10 2.76 0.00	47.51 3.17 0.00	52.85 3.81 0.00	54.34 4.07 0.00	56.80 3.90 0.00	40.96 3.18 0.00	39.41 3.16 -3.18	98.92 3.59 -62.71	45.18 3.28 -11.64	53.61 3.96 -17.53	80.83 3.95 -46.68	54.69 4.99 -12.68	51.59 6.04 -2.42	40.34 4.52 0.00	41.07 4.15 0.00	61.30 5.53 -0.01	218.10 5.12 -159.31	53.91 4.49 0.00	36.92 2.78 0.00	33.16 2.91 0.00
PPL_SHRM_GT4 24214	61.00 4.39 -3.97	55.86 4.84 0.00	46.53 3.48 0.00	41.24 2.90 0.00	43.10 2.76 0.00	47.51 3.17 0.00	52.85 3.81 0.00	54.34 4.07 0.00	56.80 3.90 0.00	40.96 3.18 0.00	39.41 3.16 -3.18	98.92 3.59 -62.71	45.18 3.28 -11.64	53.61 3.96 -17.53	80.83 3.95 -46.68	54.69 4.99 -12.68	51.59 6.04 -2.42	40.34 4.52 0.00	41.07 4.15 0.00	61.30 5.53 -0.01	218.10 5.12 -159.31	53.91 4.49 0.00	36.92 2.78 0.00	33.16 2.91 0.00
PROJECT___ORANGE 1 24174	48.98 -0.86 2.80	50.25 -0.77 0.00	42.37 -0.68 0.00	37.76 -0.58 0.00	39.76 -0.58 0.00	43.77 -0.58 0.00	48.42 -0.62 0.00	49.63 -0.65 0.00	52.15 -0.75 0.00	37.15 -0.64 0.00	32.47 -0.60 0.00	32.02 -0.61 0.00	29.68 -0.58 0.00	31.52 -0.59 0.00	29.60 -0.60 0.00	36.34 -0.68 0.00	42.32 -0.82 0.00	35.08 -0.74 0.00	36.25 -0.67 0.00	54.95 -0.82 0.00	52.98 -0.70 0.00	48.79 -0.63 0.00	33.68 -0.45 0.00	29.90 -0.35 0.00
PROJECT___ORANGE 2 24166	48.98 -0.86 2.80	50.25 -0.77 0.00	42.37 -0.68 0.00	37.76 -0.58 0.00	39.76 -0.58 0.00	43.77 -0.58 0.00	48.42 -0.62 0.00	49.63 -0.65 0.00	52.15 -0.75 0.00	37.15 -0.64 0.00	32.47 -0.60 0.00	32.02 -0.61 0.00	29.68 -0.58 0.00	31.52 -0.59 0.00	29.60 -0.60 0.00	36.34 -0.68 0.00	42.32 -0.82 0.00	35.08 -0.74 0.00	36.25 -0.67 0.00	54.95 -0.82 0.00	52.98 -0.70 0.00	48.79 -0.63 0.00	33.68 -0.45 0.00	29.90 -0.35 0.00
PUCKETT___SOLAR 323809	77.01 0.05 -24.32	51.42 0.40 0.00	43.43 0.39 0.00	38.71 0.37 0.00	40.81 0.48 0.00	44.98 0.64 0.00	49.75 0.71 0.00	51.18 0.69 -0.21	55.96 0.57 -2.49	39.94 0.32 -1.83	33.04 0.22 0.25	32.66 0.09 0.07	29.65 0.06 0.67	32.31 0.21 0.01	30.28 0.08 0.00	37.07 0.14 0.08	42.38 0.30 1.06	36.01 0.23 0.03	37.25 0.33 0.00	58.83 1.19 -1.87	57.18 1.33 -2.18	51.25 1.20 -0.63	35.01 0.68 -0.19	31.02 0.57 -0.21
PYRITES___HYD 24023	52.20 -0.45 -0.02	50.62 -0.40 0.00	42.87 -0.18 0.00	38.30 -0.04 0.00	40.52 0.19 0.00	44.63 0.28 0.00	49.30 0.26 0.00	49.87 -0.41 0.00	51.91 -0.99 0.00	37.09 -0.69 0.00	32.50 -0.57 0.00	32.10 -0.53 0.00	29.71 -0.55 0.00	31.50 -0.61 0.00	29.53 -0.67 0.00	35.85 -1.17 0.00	41.87 -1.26 0.00	35.05 -0.77 0.00	36.29 -0.63 0.00	55.10 -0.67 0.00	53.58 -0.10 0.00	49.44 0.02 0.00	34.16 0.03 0.00	30.23 -0.02 0.00
QUAKERRD_115KV_BK1 80622	40.61 -2.92 9.10	48.26 -2.76 0.00	40.67 -2.38 0.00	36.28 -2.06 0.00	38.17 -2.16 0.00	42.12 -2.23 0.00	46.60 -2.44 0.00	47.69 -2.58 0.00	49.90 -3.00 0.00	35.40 -2.39 0.00	30.90 -2.17 0.00	30.52 -2.11 0.00	28.24 -2.02 0.00	30.08 -2.03 0.00	28.20 -1.99 0.00	34.75 -2.37 -0.11	41.74 -2.78 -1.39	33.66 -2.20 -0.04	34.79 -2.13 0.00	52.87 -2.91 0.00	50.98 -2.69 0.00	46.97 -2.45 0.00	32.39 -1.74 0.00	28.70 -1.54 0.00
QUENSBRY_115KV_TB8 356137	57.54 3.79 -1.11	54.73 3.71 0.00	45.96 2.91 0.00	40.96 2.63 0.00	43.15 2.81 0.00	47.40 3.05 0.00	52.36 3.32 0.00	53.81 3.53 0.00	56.25 3.36 0.00	40.13 2.34 0.00	34.86 1.79 0.00	34.33 1.70 0.00	31.88 1.62 0.00	33.73 1.62 0.00	31.79 1.60 0.00	39.40 2.38 0.00	46.00 2.86 0.00	38.18 2.36 0.00	39.30 2.38 0.00	59.60 3.83 0.00	57.80 4.12 0.00	53.25 3.83 0.00	36.71 2.58 0.00	32.38 2.13 0.00
RAMAPO___LBMP 323565	60.68 3.94 -4.10	54.57 3.55 0.00	45.86 2.82 0.00	40.66 2.32 0.00	42.63 2.29 0.00	46.87 2.53 0.00	52.02 2.98 0.00	53.70 3.43 0.00	56.62 3.71 0.00	40.52 2.74 0.00	32.11 2.57 3.53	34.48 2.55 0.70	25.48 2.43 7.21	34.63 2.58 0.06	30.88 2.47 1.79	40.04 3.02 0.00	46.70 3.56 0.00	38.53 2.72 0.00	39.51 2.59 0.00	59.38 3.61 0.00	57.19 3.52 0.00	52.60 3.18 0.00	36.29 2.16 0.00	32.16 1.91 0.00

RANKINE____ 23646	31.76 -4.14 16.73	47.22 -3.80 0.00	39.81 -3.23 0.00	35.64 -2.69 0.00	37.50 -2.84 0.00	41.42 -2.93 0.00	45.63 -3.42 0.00	44.54 -3.68 2.06	24.52 -4.16 24.22	16.73 -3.46 17.59	29.05 -3.20 0.82	29.62 -3.00 0.00	27.19 -2.87 0.21	29.41 -2.70 0.00	27.40 -2.80 0.00	33.19 -3.20 0.62	31.39 -3.65 8.09	32.69 -2.88 0.25	33.83 -3.00 0.08	33.41 -4.31 18.06	28.70 -3.90 21.08	39.61 -3.69 6.12	29.71 -2.57 1.85	25.98 -2.24 2.03
RAVENSWOOD_GT2_1 24244	60.89 4.28 -3.97	54.96 3.94 0.00	46.15 3.11 0.00	40.88 2.55 0.00	42.85 2.51 0.00	47.11 2.76 0.00	52.37 3.33 0.00	54.14 3.87 0.00	57.08 4.18 0.00	40.90 3.12 0.00	38.29 2.95 -2.27	36.01 2.93 -0.45	37.71 2.81 -4.64	35.17 3.02 -0.04	34.24 2.89 -1.15	40.51 3.49 0.00	47.22 4.09 0.00	38.98 3.17 0.00	39.90 3.17 0.00	59.93 2.98 0.00	57.62 4.16 0.00	52.99 3.95 0.00	36.59 3.57 0.00	32.46 2.45 0.00
RAVENSWOOD_GT2_2 24245	60.89 4.28 -3.97	54.96 3.94 0.00	46.15 3.11 0.00	40.88 2.55 0.00	42.85 2.51 0.00	47.11 2.76 0.00	52.37 3.33 0.00	54.14 3.87 0.00	57.08 4.18 0.00	40.90 3.12 0.00	38.29 2.95 -2.27	36.01 2.93 -0.45	37.71 2.81 -4.64	35.17 3.02 -0.04	34.24 2.89 -1.15	40.51 3.49 0.00	47.22 4.09 0.00	38.98 3.17 0.00	39.90 2.98 0.00	59.93 4.16 0.00	57.62 3.95 0.00	52.99 3.57 0.00	36.59 2.45 0.00	32.46 2.21 0.00
RAVENSWOOD_GT2_3 24246	60.92 4.32 -3.97	54.98 3.96 0.00	46.17 3.13 0.00	40.90 2.56 0.00	42.86 2.52 0.00	47.13 2.78 0.00	52.39 3.35 0.00	54.17 3.89 0.00	57.12 4.22 0.00	40.93 3.15 0.00	38.31 2.97 -2.27	36.03 2.96 -0.45	37.72 2.83 -4.64	35.19 3.04 -0.04	34.25 2.90 -1.15	40.53 3.51 0.00	47.24 4.11 0.00	39.00 3.19 0.00	39.92 3.00 0.00	59.95 4.18 0.00	57.64 3.96 0.00	53.02 3.60 0.00	36.59 2.46 0.00	32.47 2.22 0.00
RAVENSWOOD_GT2_4 24247	60.92 4.32 -3.97	54.98 3.96 0.00	46.17 3.13 0.00	40.90 2.56 0.00	42.86 2.52 0.00	47.13 2.78 0.00	52.39 3.35 0.00	54.17 3.89 0.00	57.12 4.22 0.00	40.93 3.15 0.00	38.31 2.97 -2.27	36.03 2.96 -0.45	37.72 2.83 -4.64	35.19 3.04 -0.04	34.25 2.90 -1.15	40.53 3.51 0.00	47.24 4.11 0.00	39.00 3.19 0.00	39.92 3.00 0.00	59.95 4.18 0.00	57.64 3.96 0.00	53.02 3.60 0.00	36.59 2.46 0.00	32.47 2.22 0.00
RAVENSWOOD_GT3_1 24248	60.89 4.29 -3.97	54.97 3.95 0.00	46.16 3.11 0.00	40.88 2.55 0.00	42.85 2.52 0.00	47.11 2.76 0.00	52.37 3.33 0.00	54.15 3.87 0.00	57.09 4.19 0.00	40.90 3.12 0.00	38.29 2.95 -2.27	36.01 2.94 -0.45	37.71 2.82 -4.64	35.17 3.02 -0.04	34.24 2.89 -1.15	40.52 3.50 0.00	47.22 4.09 0.00	39.00 3.18 0.00	39.90 2.99 0.00	59.93 4.16 0.00	57.64 3.96 0.00	52.99 3.58 0.00	36.59 2.45 0.00	32.46 2.21 0.00
RAVENSWOOD_GT3_2 24249	60.89 4.29 -3.97	54.97 3.95 0.00	46.16 3.11 0.00	40.88 2.55 0.00	42.85 2.52 0.00	47.11 2.76 0.00	52.37 3.33 0.00	54.15 3.87 0.00	57.09 4.19 0.00	40.90 3.12 0.00	38.29 2.95 -2.27	36.01 2.94 -0.45	37.71 2.82 -4.64	35.17 3.02 -0.04	34.24 2.89 -1.15	40.52 3.50 0.00	47.22 4.09 0.00	39.00 3.18 0.00	39.90 2.99 0.00	59.93 4.16 0.00	57.64 3.96 0.00	52.99 3.58 0.00	36.59 2.45 0.00	32.46 2.21 0.00
RAVENSWOOD_GT3_3 24250	60.99 4.39 -3.97	55.03 4.01 0.00	46.22 3.18 0.00	40.95 2.61 0.00	42.90 2.57 0.00	47.18 2.84 0.00	52.45 3.41 0.00	54.22 3.95 0.00	57.18 4.28 0.00	40.97 3.19 0.00	38.35 3.01 -2.27	36.07 2.99 -0.45	37.75 2.86 -4.64	35.23 3.08 -0.04	34.29 2.94 -1.15	40.57 3.56 0.00	47.29 4.16 0.00	39.04 3.22 0.00	39.96 3.04 0.00	60.01 4.24 0.00	57.70 4.02 0.00	53.08 3.66 0.00	36.63 2.49 0.00	32.50 2.25 0.00
RAVENSWOOD_GT3_4 24251	60.99 4.39 -3.97	55.03 4.01 0.00	46.22 3.18 0.00	40.95 2.61 0.00	42.90 2.57 0.00	47.18 2.84 0.00	52.45 3.41 0.00	54.22 3.95 0.00	57.18 4.28 0.00	40.97 3.19 0.00	38.35 3.01 -2.27	36.07 2.99 -0.45	37.75 2.86 -4.64	35.23 3.08 -0.04	34.29 2.94 -1.15	40.57 3.56 0.00	47.29 4.16 0.00	39.04 3.22 0.00	39.96 3.04 0.00	60.01 4.24 0.00	57.70 4.02 0.00	53.08 3.66 0.00	36.63 2.49 0.00	32.50 2.25 0.00
RAVENSWOOD_GT_1 23729	60.89 4.28 -3.97	54.99 3.97 0.00	46.21 3.16 0.00	40.92 2.58 0.00	42.89 2.55 0.00	47.16 2.81 0.00	52.45 3.41 0.00	54.25 3.97 0.00	57.20 4.30 0.00	41.01 3.22 0.00	38.37 3.03 -2.27	36.11 3.03 -0.45	37.80 2.90 -4.64	35.29 3.14 -0.04	34.34 2.99 -1.15	40.62 3.60 0.00	47.36 4.23 0.00	39.08 3.27 0.00	39.98 3.06 0.00	60.04 4.27 0.00	57.72 4.04 0.00	53.10 3.69 0.00	36.66 2.52 0.00	32.55 2.30 0.00
RAVENSWOOD_GT_10 24258	60.89 4.29 -3.97	54.97 3.95 0.00	46.16 3.12 0.00	40.89 2.55 0.00	42.86 2.52 0.00	47.12 2.77 0.00	52.37 3.33 0.00	54.15 3.87 0.00	57.09 4.19 0.00	40.90 3.12 0.00	38.29 2.95 -2.27	36.01 2.93 -0.45	37.71 2.82 -4.64	35.17 3.02 -0.04	34.24 2.89 -1.15	40.52 3.50 0.00	47.22 4.09 0.00	39.00 3.18 0.00	39.90 2.99 0.00	59.93 4.16 0.00	57.64 3.96 0.00	52.99 3.58 0.00	36.59 2.45 0.00	32.46 2.21 0.00
RAVENSWOOD_GT_11 24259	60.89 4.29 -3.97	54.97 3.95 0.00	46.16 3.12 0.00	40.89 2.55 0.00	42.86 2.52 0.00	47.12 2.77 0.00	52.37 3.33 0.00	54.15 3.87 0.00	57.09 4.19 0.00	40.90 3.12 0.00	38.29 2.95 -2.27	36.01 2.93 -0.45	37.71 2.82 -4.64	35.17 3.02 -0.04	34.24 2.89 -1.15	40.52 3.50 0.00	47.22 4.09 0.00	39.00 3.18 0.00	39.90 2.99 0.00	59.93 4.16 0.00	57.64 3.96 0.00	52.99 3.58 0.00	36.59 2.45 0.00	32.46 2.21 0.00
RAVENSWOOD_GT_4 24252	60.88 4.28 -3.97	54.94 3.92 0.00	46.15 3.10 0.00	40.87 2.54 0.00	42.83 2.50 0.00	47.10 2.75 0.00	52.36 3.32 0.00	54.15 3.88 0.00	57.09 4.19 0.00	40.92 3.13 0.00	38.30 2.96 -2.27	36.02 2.95 -0.45	37.72 2.82 -4.64	35.19 3.04 -0.04	34.26 2.91 -1.15	40.52 3.50 0.00	47.24 4.11 0.00	39.00 3.18 0.00	39.91 2.99 0.00	59.93 4.16 0.00	57.61 3.93 0.00	52.99 3.57 0.00	36.59 2.45 0.00	32.47 2.22 0.00
RAVENSWOOD_GT_5 24254	60.88 4.28 -3.97	54.94 3.92 0.00	46.15 3.10 0.00	40.87 2.54 0.00	42.83 2.50 0.00	47.10 2.75 0.00	52.36 3.32 0.00	54.15 3.88 0.00	57.09 4.19 0.00	40.92 3.13 0.00	38.30 2.96 -2.27	36.02 2.95 -0.45	37.72 2.82 -4.64	35.19 3.04 -0.04	34.26 2.91 -1.15	40.52 3.50 0.00	47.24 4.11 0.00	39.00 3.18 0.00	39.91 2.99 0.00	59.93 4.16 0.00	57.61 3.93 0.00	52.99 3.57 0.00	36.59 2.45 0.00	32.47 2.22 0.00
RAVENSWOOD_GT_6 24253	60.88 4.28 -3.97	54.94 3.92 0.00	46.15 3.10 0.00	40.87 2.54 0.00	42.83 2.50 0.00	47.10 2.75 0.00	52.36 3.32 0.00	54.15 3.88 0.00	57.09 4.19 0.00	40.92 3.13 0.00	38.30 2.96 -2.27	36.02 2.95 -0.45	37.72 2.82 -4.64	35.19 3.04 -0.04	34.26 2.91 -1.15	40.52 3.50 0.00	47.24 4.11 0.00	39.00 3.18 0.00	39.91 2.99 0.00	59.93 4.16 0.00	57.61 3.93 0.00	52.99 3.57 0.00	36.59 2.45 0.00	32.47 2.22 0.00

RAVENSWOOD_GT_7 24255	60.88 4.28 -3.97	54.94 3.92 0.00	46.15 3.10 0.00	40.87 2.54 0.00	42.83 2.50 0.00	47.10 2.75 0.00	52.36 3.32 0.00	54.15 3.88 0.00	57.09 4.19 0.00	40.92 3.13 0.00	38.30 2.96 -2.27	36.02 2.95 -0.45	37.72 2.82 -4.64	35.19 3.04 -0.04	34.26 2.91 -1.15	40.52 3.50 0.00	47.24 4.11 0.00	39.00 3.18 0.00	39.91 2.99 0.00	59.93 4.16 0.00	57.61 3.93 0.00	52.99 3.57 0.00	36.59 2.45 0.00	32.47 2.22 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	60.89 4.29 -3.97	54.97 3.95 0.00	46.16 3.12 0.00	40.89 2.55 0.00	42.86 2.52 0.00	47.12 2.77 0.00	52.37 3.33 0.00	54.15 3.87 0.00	57.09 4.19 0.00	40.90 3.12 0.00	38.29 2.95 -2.27	36.01 2.93 -0.45	37.71 2.82 -4.64	35.17 3.02 -0.04	34.24 2.89 -1.15	40.52 3.50 0.00	47.22 4.09 0.00	39.00 3.18 0.00	39.90 2.99 0.00	59.93 4.16 0.00	57.64 3.96 0.00	52.99 3.58 0.00	36.59 2.45 0.00	32.46 2.21 0.00
RAVENSWOOD_GT_9 24257	60.89 4.29 -3.97	54.97 3.95 0.00	46.16 3.12 0.00	40.89 2.55 0.00	42.86 2.52 0.00	47.12 2.77 0.00	52.37 3.33 0.00	54.15 3.87 0.00	57.09 4.19 0.00	40.90 3.12 0.00	38.29 2.95 -2.27	36.01 2.93 -0.45	37.71 2.82 -4.64	35.17 3.02 -0.04	34.24 2.89 -1.15	40.52 3.50 0.00	47.22 4.09 0.00	39.00 3.18 0.00	39.90 2.99 0.00	59.93 4.16 0.00	57.64 3.96 0.00	52.99 3.58 0.00	36.59 2.45 0.00	32.46 2.21 0.00
RAVENSWOOD____1 23533	60.88 4.28 -3.97	54.94 3.92 0.00	46.15 3.10 0.00	40.86 2.52 0.00	42.83 2.49 0.00	47.10 2.75 0.00	52.38 3.33 0.00	54.17 3.90 0.00	57.09 4.19 0.00	40.93 3.15 0.00	38.31 2.98 -2.27	36.05 2.97 -0.45	37.73 2.84 -4.64	35.23 3.08 -0.04	34.28 2.93 -1.15	40.56 3.54 0.00	47.28 4.15 0.00	39.03 3.21 0.00	39.92 3.00 0.00	59.95 4.18 0.00	57.60 3.92 0.00	53.00 3.59 0.00	36.61 2.48 0.00	32.50 2.26 0.00
RAVENSWOOD____2 23534	60.65 4.05 -3.97	54.74 3.72 0.00	46.07 3.03 0.00	40.81 2.47 0.00	42.78 2.44 0.00	47.05 2.70 0.00	52.36 3.32 0.00	54.17 3.90 0.00	57.09 4.19 0.00	40.93 3.15 0.00	38.31 2.98 -2.27	36.05 2.97 -0.45	37.73 2.84 -4.64	35.23 3.02 -0.04	34.28 2.93 -1.15	40.56 3.54 0.00	47.28 4.15 0.00	39.03 3.21 0.00	39.92 3.00 0.00	59.95 4.18 0.00	57.60 3.92 0.00	53.00 3.59 0.00	36.61 2.48 0.00	32.50 2.26 0.00
RAVENSWOOD____3 23535	60.90 4.30 -3.97	54.97 3.95 0.00	46.16 3.12 0.00	40.89 2.55 0.00	42.86 2.52 0.00	47.12 2.77 0.00	52.37 3.33 0.00	54.14 3.86 0.00	57.07 4.17 0.00	40.90 3.12 0.00	38.29 2.95 -2.27	36.01 2.94 -0.45	37.70 2.80 -4.64	35.17 3.02 -0.04	34.24 2.89 -1.15	40.51 3.49 0.00	47.22 4.09 0.00	39.00 3.18 0.00	39.90 2.99 0.00	59.92 4.15 0.00	57.62 3.94 0.00	52.99 3.58 0.00	36.60 2.46 0.00	32.46 2.21 0.00
RAVENSWOOD____4 23820	60.86 4.26 -3.97	54.94 3.92 0.00	46.15 3.10 0.00	40.86 2.52 0.00	42.83 2.49 0.00	47.10 2.75 0.00	52.38 3.33 0.00	54.17 3.90 0.00	57.09 4.19 0.00	40.93 3.15 0.00	38.31 2.98 -2.27	36.05 2.97 -0.45	37.73 2.84 -4.64	35.23 3.08 -0.04	34.28 2.93 -1.15	40.56 3.54 0.00	47.28 4.15 0.00	39.03 3.21 0.00	39.92 3.00 0.00	59.95 4.18 0.00	57.60 3.92 0.00	53.00 3.59 0.00	36.61 2.48 0.00	32.50 2.26 0.00
RCPL_TRUST____DRP 24196	61.28 4.68 -3.97	55.31 4.29 0.00	46.44 3.39 0.00	41.11 2.78 0.00	43.09 2.75 0.00	47.39 3.05 0.00	52.74 3.70 0.00	54.58 4.30 0.00	57.61 4.71 0.00	41.30 3.51 0.00	38.65 3.31 -2.28	36.37 3.29 -0.45	38.06 3.15 -4.64	35.53 3.38 -0.04	34.58 3.24 -1.15	40.94 3.92 0.00	47.69 4.56 0.00	39.38 3.57 0.00	40.26 3.35 0.00	60.41 4.63 0.00	58.06 4.38 0.00	53.36 3.95 0.00	36.80 2.66 0.00	32.64 2.39 0.00
RED____ROCHESTER 323720	40.50 -2.01 10.12	49.18 -1.84 0.00	41.42 -1.63 0.00	36.97 -1.36 0.00	38.90 -1.44 0.00	42.97 -1.38 0.00	47.55 -1.50 0.00	48.41 -1.64 0.23	48.25 -1.96 2.69	34.09 -1.75 1.95	31.32 -1.66 0.09	31.05 -1.58 0.00	28.71 -1.52 0.02	30.63 -1.49 0.00	28.68 -1.52 0.00	35.44 -1.74 -0.17	43.37 -1.98 -2.22	34.38 -1.51 -0.07	35.51 -1.41 0.00	52.09 -1.67 2.01	49.88 -1.45 2.34	47.37 -1.36 0.68	32.89 -1.04 0.21	29.07 -0.94 0.22
REGAN____SOLAR 323812	58.99 2.49 -3.86	53.43 2.41 0.00	45.05 2.00 0.00	40.11 1.78 0.00	42.23 1.90 0.00	46.51 2.17 0.00	51.29 2.24 0.00	51.77 1.49 0.00	53.89 0.99 0.00	38.72 0.93 0.00	33.41 0.34 0.00	32.69 0.06 0.00	30.13 -0.13 0.00	31.94 -0.17 0.00	30.27 0.07 0.00	37.21 0.19 0.00	43.60 0.46 0.00	36.17 0.35 0.00	37.26 0.34 0.00	58.17 2.40 0.00	56.65 2.98 0.00	52.15 2.73 0.00	36.01 1.87 0.00	31.80 1.56 0.00
RENSSELAER____COGEN 23796	55.21 1.50 -1.08	52.50 1.48 0.00	44.28 1.23 0.00	39.43 1.10 0.00	41.45 1.12 0.00	45.43 1.08 0.00	50.15 1.11 0.00	51.41 1.14 0.00	53.82 0.92 0.00	38.68 0.90 0.00	33.88 0.81 0.00	33.41 0.79 0.00	30.98 0.72 0.00	32.80 0.69 0.00	30.96 0.77 0.00	37.96 0.94 0.00	44.17 1.03 0.00	36.67 0.86 0.00	37.69 0.77 0.00	56.68 0.91 0.00	54.75 1.07 0.00	50.44 1.03 0.00	34.95 0.81 0.00	30.96 0.71 0.00
REPUBLIC_115KV_BARTNBRK 55605	59.15 5.40 -1.11	56.37 5.36 0.00	47.16 4.11 0.00	42.12 3.78 0.00	44.48 4.14 0.00	48.84 4.50 0.00	53.89 4.84 0.00	55.35 5.08 0.00	57.81 4.91 0.00	41.13 3.34 0.00	35.42 2.35 0.00	34.87 2.24 0.00	32.53 2.27 0.00	34.43 2.32 0.00	32.35 2.15 0.00	40.58 3.56 0.00	47.42 4.29 0.00	39.43 3.61 0.00	40.59 3.67 0.00	61.42 5.64 0.00	60.08 6.40 0.00	55.34 5.92 0.00	38.06 3.93 0.00	33.46 3.22 0.00
REVERE_CPPR_DRP 24186	54.24 1.36 -0.24	52.33 1.31 0.00	44.06 1.02 0.00	39.27 0.94 0.00	41.51 1.18 0.00	45.74 1.40 0.00	50.52 1.48 0.00	51.52 1.24 0.00	53.93 1.03 0.00	38.26 0.48 0.00	33.30 0.23 0.00	32.72 0.09 0.00	30.40 0.14 0.00	32.21 0.10 0.00	30.16 -0.03 0.00	37.01 0.00 0.00	43.22 0.08 0.00	36.02 0.20 0.00	37.53 0.62 0.00	57.69 1.92 0.00	55.86 2.18 0.00	51.50 2.08 0.00	35.49 1.36 0.00	31.30 1.05 0.00
REYNLDPA_13_KV_LD 356490	52.33 -0.30 0.00	50.55 -0.47 0.00	42.96 -0.08 0.00	38.31 -0.03 0.00	40.30 -0.04 0.00	44.35 0.00 0.00	48.99 -0.05 0.00	50.21 -0.06 0.00	52.42 -0.48 0.00	37.60 -0.19 0.00	32.94 -0.13 0.00	32.54 -0.08 0.00	30.13 -0.13 0.00	31.98 -0.13 0.00	30.02 -0.18 0.00	36.69 -0.33 0.00	42.86 -0.27 0.00	35.89 0.07 0.00	37.11 0.19 0.00	55.78 0.01 0.00	53.61 -0.06 0.00	49.30 -0.11 0.00	34.00 -0.13 0.00	30.07 -0.18 0.00
REYNOLDS_115KV_TB3 80639	55.44 1.72 -1.09	52.75 1.73 0.00	44.45 1.40 0.00	39.60 1.26 0.00	41.62 1.29 0.00	45.59 1.25 0.00	50.32 1.28 0.00	51.64 1.36 0.00	54.14 1.24 0.00	38.86 1.07 0.00	34.03 0.96 0.00	33.58 0.95 0.00	31.17 0.91 0.00	32.99 0.88 0.00	31.13 0.93 0.00	38.18 1.16 0.00	44.46 1.32 0.00	36.88 1.07 0.00	37.89 0.97 0.00	57.02 1.24 0.00	55.14 1.46 0.00	50.78 1.36 0.00	35.17 1.04 0.00	31.15 0.90 0.00

RIVERBAY____ 323610	61.81 5.20 -3.97	55.85 4.84 0.00	46.92 3.88 0.00	41.56 3.23 0.00	43.55 3.22 0.00	47.93 3.58 0.00	53.29 4.25 0.00	54.92 4.64 0.00	57.80 4.90 0.00	41.39 3.61 0.00	38.73 3.39 -2.27	36.48 3.41 -0.45	38.10 3.20 -4.64	35.64 3.49 -0.04	34.60 3.26 -1.15	40.95 3.93 0.00	47.76 4.63 0.00	39.06 3.25 0.00	39.92 3.00 0.00	59.99 4.22 0.00	57.67 4.00 0.00	53.05 3.63 0.00	36.66 2.53 0.00	32.71 2.46 0.00
RIVERSIDE_115KV_TB3 55908	55.37 1.65 -1.09	52.66 1.64 0.00	44.40 1.35 0.00	39.54 1.21 0.00	41.57 1.24 0.00	45.55 1.20 0.00	50.29 1.25 0.00	51.55 1.28 0.00	54.04 1.13 0.00	38.86 1.08 0.00	34.01 0.95 0.00	33.55 0.93 0.00	31.11 0.85 0.00	32.95 0.83 0.00	31.06 0.87 0.00	38.10 1.07 0.00	44.36 1.23 0.00	36.82 1.00 0.00	37.82 0.90 0.00	56.91 1.13 0.00	54.99 1.32 0.00	50.65 1.23 0.00	35.09 0.95 0.00	31.07 0.83 0.00
ROARING____BROOK_WT_PWR 323790	52.20 -0.44 0.00	50.47 -0.55 0.00	42.54 -0.50 0.00	37.95 -0.38 0.00	40.05 -0.28 0.00	44.06 -0.29 0.00	48.74 -0.30 0.00	49.98 -0.30 0.00	52.62 -0.28 0.00	37.62 -0.16 0.00	32.92 -0.14 0.00	32.50 -0.13 0.00	30.15 -0.11 0.00	32.00 -0.11 0.00	30.07 -0.13 0.00	36.84 -0.17 0.00	42.96 -0.17 0.00	35.71 -0.10 0.00	36.79 -0.12 0.00	55.59 -0.18 0.00	53.47 -0.20 0.00	49.19 -0.23 0.00	33.96 -0.17 0.00	30.06 -0.19 0.00
ROCHESRG_115KV_T4 355643	40.15 -2.51 9.97	48.68 -2.34 0.00	41.02 -2.02 0.00	36.61 -1.73 0.00	38.51 -1.83 0.00	42.52 -1.83 0.00	47.01 -2.03 0.00	47.80 -2.21 0.27	47.08 -2.62 3.20	33.28 -2.18 2.32	30.96 -2.00 0.11	30.74 -1.89 0.00	28.40 -1.83 0.03	30.32 -1.79 0.00	28.41 -1.79 0.00	35.06 -2.10 -0.15	42.66 -2.45 -1.98	33.99 -1.89 -0.06	35.07 -1.84 0.00	50.87 -2.51 2.39	48.67 -2.22 2.80	46.58 -2.03 0.81	32.44 -1.45 0.24	28.70 -1.28 0.27
ROCHESTER_9_IC 23652	40.29 -2.17 10.17	49.01 -2.01 0.00	41.28 -1.77 0.00	36.85 -1.48 0.00	38.76 -1.57 0.00	42.82 -1.52 0.00	47.36 -1.68 0.00	48.23 -1.83 0.21	48.17 -2.25 2.48	34.05 -1.94 1.80	31.19 -1.79 0.08	30.93 -1.70 0.00	28.58 -1.66 0.02	30.50 -1.61 0.00	28.58 -1.62 0.00	35.31 -1.88 -0.18	43.26 -2.18 -2.31	34.23 -1.66 -0.07	35.35 -1.57 0.00	51.92 -2.00 1.85	49.77 -1.75 2.16	47.19 -1.60 0.63	32.76 -1.18 0.19	28.97 -1.06 0.21
ROCKVIEW_13_KV_LD 356306	61.09 4.49 -3.97	55.14 4.12 0.00	46.32 3.28 0.00	41.04 2.70 0.00	43.02 2.68 0.00	47.30 2.95 0.00	52.51 3.47 0.00	54.25 3.97 0.00	57.19 4.29 0.00	40.96 3.18 0.00	38.34 3.00 -2.27	36.06 2.98 -0.45	37.74 2.84 -4.64	35.18 3.03 -0.04	34.24 2.90 -1.15	40.54 3.52 0.00	47.27 4.14 0.00	39.03 3.22 0.00	39.98 3.07 0.00	60.08 4.31 0.00	57.80 4.12 0.00	53.16 3.74 0.00	36.67 2.53 0.00	32.52 2.28 0.00
ROME____115KV_TB2 80656	54.24 1.36 -0.24	52.33 1.31 0.00	44.06 1.02 0.00	39.27 0.94 0.00	41.51 1.18 0.00	45.74 1.40 0.00	50.52 1.48 0.00	51.52 1.24 0.00	53.93 1.03 0.00	38.26 0.48 0.00	33.30 0.23 0.00	32.72 0.09 0.00	30.40 0.14 0.00	32.21 0.10 0.00	30.16 -0.03 0.00	37.01 0.00 0.00	43.22 0.08 0.00	36.02 0.20 0.00	37.53 0.62 0.00	57.69 1.92 0.00	55.86 2.18 0.00	51.50 2.08 0.00	35.49 1.36 0.00	31.30 1.05 0.00
ROSETON____1 23587	60.07 3.48 -3.95	54.23 3.21 0.00	45.60 2.55 0.00	40.45 2.12 0.00	42.44 2.10 0.00	46.64 2.29 0.00	51.70 2.65 0.00	53.31 3.03 0.00	56.15 3.25 0.00	40.20 2.42 0.00	35.34 2.27 0.00	34.89 2.26 0.00	32.43 2.17 0.00	34.42 2.30 0.00	32.40 2.20 0.00	39.71 2.69 0.00	46.32 3.19 0.00	38.31 2.49 0.00	39.28 2.37 0.00	59.03 3.26 0.00	56.87 3.19 0.00	52.32 2.91 0.00	36.12 1.99 0.00	31.98 1.74 0.00
ROSETON____2 23588	60.07 3.48 -3.95	54.23 3.21 0.00	45.60 2.55 0.00	40.45 2.12 0.00	42.44 2.10 0.00	46.64 2.29 0.00	51.70 2.65 0.00	53.31 3.03 0.00	56.15 3.25 0.00	40.20 2.42 0.00	35.34 2.27 0.00	34.89 2.26 0.00	32.43 2.17 0.00	34.42 2.30 0.00	32.40 2.20 0.00	39.71 2.69 0.00	46.32 3.19 0.00	38.31 2.49 0.00	39.28 2.37 0.00	59.03 3.26 0.00	56.87 3.19 0.00	52.32 2.91 0.00	36.12 1.99 0.00	31.98 1.74 0.00
ROTTDRAM_115KV_TB3 80664	55.51 1.75 -1.12	52.74 1.72 0.00	44.45 1.40 0.00	39.56 1.23 0.00	41.60 1.27 0.00	45.68 1.34 0.00	50.46 1.42 0.00	51.71 1.44 0.00	54.30 1.40 0.00	38.82 1.04 0.00	33.94 0.87 0.00	33.45 0.83 0.00	31.05 0.79 0.00	32.90 0.79 0.00	31.01 0.81 0.00	38.10 1.08 0.00	44.42 1.29 0.00	36.87 1.06 0.00	37.94 1.02 0.00	57.39 1.62 0.00	55.43 1.75 0.00	51.05 1.63 0.00	35.26 1.13 0.00	31.21 0.97 0.00
RUSSELL____1 23602	40.53 -1.98 10.12	49.18 -1.84 0.00	41.42 -1.63 0.00	36.98 -1.36 0.00	38.90 -1.44 0.00	42.98 -1.37 0.00	47.54 -1.51 0.00	48.39 -1.65 0.23	48.17 -2.05 2.69	34.04 -1.79 1.95	31.30 -1.68 0.09	31.04 -1.59 0.00	28.68 -1.55 0.02	30.62 -1.49 0.00	28.68 -1.52 0.00	35.43 -1.76 -0.17	43.34 -2.01 -2.22	34.37 -1.51 -0.07	35.50 -1.41 0.00	52.04 -1.73 2.01	49.83 -1.51 2.34	47.36 -1.38 0.68	32.89 -1.03 0.21	29.08 -0.94 0.22
RUSSELL____2 23532	40.53 -1.98 10.12	49.18 -1.84 0.00	41.42 -1.63 0.00	36.98 -1.36 0.00	38.90 -1.44 0.00	42.98 -1.37 0.00	47.54 -1.51 0.00	48.39 -1.65 0.23	48.17 -2.05 2.69	34.04 -1.79 1.95	31.30 -1.68 0.09	31.04 -1.59 0.00	28.68 -1.55 0.02	30.62 -1.49 0.00	28.68 -1.52 0.00	35.43 -1.76 -0.17	43.34 -2.01 -2.22	34.37 -1.51 -0.07	35.50 -1.41 0.00	52.04 -1.73 2.01	49.83 -1.51 2.34	47.36 -1.38 0.68	32.89 -1.03 0.21	29.08 -0.94 0.22
RUSSELL____3 23549	40.53 -1.98 10.12	49.18 -1.84 0.00	41.42 -1.63 0.00	36.98 -1.36 0.00	38.90 -1.44 0.00	42.98 -1.37 0.00	47.54 -1.51 0.00	48.39 -1.65 0.23	48.17 -2.05 2.69	34.04 -1.79 1.95	31.30 -1.68 0.09	31.04 -1.59 0.00	28.68 -1.55 0.02	30.62 -1.49 0.00	28.68 -1.52 0.00	35.43 -1.76 -0.17	43.34 -2.01 -2.22	34.37 -1.51 -0.07	35.50 -1.41 0.00	52.04 -1.73 2.01	49.83 -1.51 2.34	47.36 -1.38 0.68	32.89 -1.03 0.21	29.08 -0.94 0.22
RUSSELL____4 23556	40.53 -1.98 10.12	49.18 -1.84 0.00	41.42 -1.63 0.00	36.98 -1.36 0.00	38.90 -1.44 0.00	42.98 -1.37 0.00	47.54 -1.51 0.00	48.39 -1.65 0.23	48.17 -2.05 2.69	34.04 -1.79 1.95	31.30 -1.68 0.09	31.04 -1.59 0.00	28.68 -1.55 0.02	30.62 -1.49 0.00	28.68 -1.52 0.00	35.43 -1.76 -0.17	43.34 -2.01 -2.22	34.37 -1.51 -0.07	35.50 -1.41 0.00	52.04 -1.73 2.01	49.83 -1.51 2.34	47.36 -1.38 0.68	32.89 -1.03 0.21	29.08 -0.94 0.22
RUSSELL____STATION 23914	40.53 -1.98 10.12	49.18 -1.84 0.00	41.42 -1.63 0.00	36.98 -1.36 0.00	38.90 -1.44 0.00	42.98 -1.37 0.00	47.54 -1.51 0.00	48.39 -1.65 0.23	48.17 -2.05 2.69	34.04 -1.79 1.95	31.30 -1.68 0.09	31.04 -1.59 0.00	28.68 -1.55 0.02	30.62 -1.49 0.00	28.68 -1.52 0.00	35.43 -1.76 -0.17	43.34 -2.01 -2.22	34.37 -1.51 -0.07	35.50 -1.41 0.00	52.04 -1.73 2.01	49.83 -1.51 2.34	47.36 -1.38 0.68	32.89 -1.03 0.21	29.08 -0.94 0.22

S SALMON___HYD 24043	48.96 -1.21 2.46	49.75 -1.27 0.00	41.90 -1.15 0.00	37.37 -0.96 0.00	39.53 -0.80 0.00	43.51 -0.83 0.00	48.14 -0.90 0.00	49.26 -1.02 0.00	51.55 -1.35 0.00	36.68 -1.10 0.00	32.03 -1.04 0.00	31.56 -1.07 0.00	29.28 -0.97 0.00	31.08 -1.03 0.00	29.17 -1.03 0.00	35.74 -1.28 0.00	41.61 -1.53 0.00	34.57 -1.25 0.00	35.77 -1.14 0.00	54.48 -1.30 0.00	52.70 -0.98 0.00	48.78 -0.63 0.00	33.63 -0.50 0.00	29.80 -0.44 0.00
S.PERRY___115KV_TB1 80734	31.13 -1.20 20.30	50.01 -1.01 0.00	42.18 -0.87 0.00	37.72 -0.62 0.00	39.75 -0.58 0.00	43.97 -0.38 0.00	48.57 -0.47 0.00	54.32 -1.02 -5.06	109.56 -2.66 -59.32	78.06 -2.83 -43.10	32.40 -2.67 -2.01	29.98 -2.65 -0.01	28.16 -2.61 -0.51	29.58 -2.54 0.00	27.70 -2.50 0.00	34.05 -2.88 0.08	38.76 -3.26 1.12	33.23 -2.55 0.03	34.76 -2.29 -0.14	99.27 -0.96 -44.46	105.41 -0.16 -51.89	64.32 -0.16 -15.06	38.41 -0.29 -4.56	34.91 -0.33 -4.99
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.29 -4.73 15.61	46.59 -4.43 0.00	39.28 -3.77 0.00	35.16 -3.18 0.00	36.94 -3.39 0.00	40.83 -3.52 0.00	44.93 -4.12 0.00	44.06 -4.40 1.82	26.83 -4.84 21.23	18.45 -3.91 15.43	28.78 -3.57 0.72	29.27 -3.36 0.00	26.87 -3.21 0.18	29.01 -3.10 0.00	27.07 -3.13 0.00	32.74 -3.66 0.62	30.86 -4.26 8.01	32.24 -3.32 0.25	33.37 -3.47 0.07	34.69 -5.16 15.91	30.38 -4.72 18.58	39.64 -4.38 5.39	29.49 -3.02 1.63	25.84 -2.62 1.79
SAWYER___23_KV_LOAD 55526	32.29 -4.73 15.61	46.59 -4.43 0.00	39.28 -3.77 0.00	35.16 -3.18 0.00	36.94 -3.39 0.00	40.83 -3.52 0.00	44.93 -4.12 0.00	44.06 -4.40 1.82	26.83 -4.84 21.23	18.45 -3.91 15.43	28.78 -3.57 0.72	29.27 -3.36 0.00	26.87 -3.21 0.18	29.01 -3.10 0.00	27.07 -3.13 0.00	32.74 -3.66 0.62	30.86 -4.26 8.01	32.24 -3.32 0.25	33.37 -3.47 0.07	34.69 -5.16 15.91	30.38 -4.72 18.58	39.64 -4.38 5.39	29.49 -3.02 1.63	25.84 -2.62 1.79
SELKIRK___I 23801	55.48 1.77 -1.07	52.79 1.77 0.00	44.52 1.48 0.00	39.66 1.32 0.00	41.71 1.37 0.00	45.76 1.41 0.00	50.53 1.49 0.00	51.68 1.41 0.00	54.13 1.23 0.00	38.83 1.04 0.00	33.96 0.89 0.00	33.47 0.84 0.00	31.03 0.77 0.00	32.89 0.78 0.00	31.03 0.84 0.00	38.10 1.08 0.00	44.41 1.28 0.00	36.84 1.02 0.00	37.92 1.00 0.00	57.14 1.36 0.00	55.19 1.51 0.00	50.83 1.42 0.00	35.19 1.06 0.00	31.17 0.93 0.00
SELKIRK___II 23799	55.30 1.59 -1.08	52.59 1.57 0.00	44.35 1.30 0.00	39.48 1.14 0.00	41.50 1.16 0.00	45.52 1.17 0.00	50.27 1.23 0.00	51.54 1.27 0.00	54.05 1.15 0.00	38.78 0.99 0.00	33.97 0.90 0.00	33.49 0.87 0.00	31.08 0.82 0.00	32.92 0.81 0.00	31.05 0.86 0.00	38.09 1.07 0.00	44.35 1.22 0.00	36.79 0.98 0.00	37.82 0.91 0.00	56.94 1.16 0.00	54.96 1.28 0.00	50.64 1.22 0.00	35.05 0.91 0.00	31.04 0.80 0.00
SENECA OSWGO___HYD 24041	48.32 -1.57 2.75	49.54 -1.48 0.00	41.78 -1.27 0.00	37.21 -1.13 0.00	39.18 -1.15 0.00	43.15 -1.20 0.00	47.75 -1.29 0.00	48.95 -1.33 0.00	51.41 -1.49 0.00	36.60 -1.18 0.00	31.98 -1.09 0.00	31.53 -1.10 0.00	29.22 -1.04 0.00	31.02 -1.09 0.00	29.14 -1.05 0.00	35.76 -1.25 0.00	41.61 -1.52 0.00	34.46 -1.36 0.00	35.61 -1.31 0.00	54.02 -1.75 0.00	52.11 -1.57 0.00	48.02 -1.40 0.00	33.16 -0.97 0.00	29.44 -0.80 0.00
SENECA___115KV_TB3 355854	31.78 -4.13 16.73	47.28 -3.74 0.00	39.86 -3.18 0.00	35.69 -2.65 0.00	37.55 -2.79 0.00	41.48 -2.87 0.00	45.69 -3.35 0.00	44.62 -3.60 2.06	24.72 -3.95 24.22	16.87 -3.32 17.59	29.12 -3.13 0.82	29.68 -2.94 0.00	27.26 -2.79 0.21	29.47 -2.65 0.00	27.44 -2.75 0.00	33.27 -3.12 0.62	31.51 -3.53 8.09	32.74 -2.83 0.25	33.90 -2.94 0.08	33.54 -4.17 18.06	28.86 -3.74 21.08	39.70 -3.59 6.12	29.75 -2.54 1.85	26.02 -2.20 2.03
SENECA___ENERGY 23797	42.63 -1.32 8.68	49.96 -1.06 0.00	42.14 -0.91 0.00	37.58 -0.75 0.00	39.59 -0.75 0.00	43.61 -0.74 0.00	48.27 -0.77 0.00	49.80 -0.85 -0.37	56.11 -1.08 -4.29	39.93 -0.98 -3.12	32.21 -1.01 -0.15	31.65 -0.98 0.00	29.33 -0.97 -0.04	31.20 -0.92 0.00	29.25 -0.95 0.00	35.96 -1.06 0.00	41.91 -1.22 0.00	34.79 -1.03 0.00	36.06 -0.87 -0.01	58.03 -0.96 -3.21	56.69 -0.74 -3.75	49.88 -0.63 -1.09	33.97 -0.49 -0.33	30.14 -0.46 -0.36
SHOEMAKER___GT 23640	60.28 3.37 -4.28	54.09 3.07 0.00	45.50 2.46 0.00	40.37 2.03 0.00	42.35 2.02 0.00	46.54 2.20 0.00	51.61 2.56 0.00	53.20 2.92 0.00	56.03 3.13 0.00	40.08 2.29 0.00	32.82 2.16 2.41	34.30 2.15 0.48	27.39 2.04 4.91	34.24 2.17 0.04	31.04 2.06 1.22	39.52 2.50 0.00	46.10 2.97 0.00	38.14 2.33 0.00	39.18 2.26 0.00	58.96 3.19 0.00	56.81 3.13 0.00	52.26 2.84 0.00	36.06 1.92 0.00	31.93 1.68 0.00
SHOEMAKR_138KV_BK 111 55601	60.29 3.36 -4.30	54.08 3.06 0.00	45.50 2.45 0.00	40.36 2.03 0.00	42.34 2.01 0.00	46.55 2.20 0.00	51.60 2.56 0.00	53.20 2.92 0.00	56.06 3.16 0.00	40.09 2.31 0.00	32.93 2.18 2.32	34.33 2.16 0.46	27.60 2.07 4.73	34.26 2.19 0.04	31.10 2.07 1.17	39.56 2.54 0.00	46.13 2.99 0.00	38.15 2.34 0.00	39.18 2.26 0.00	58.96 3.19 0.00	56.80 3.12 0.00	52.25 2.83 0.00	36.06 1.92 0.00	31.92 1.67 0.00
SHOREHAM_IC_1 23715	61.00 4.39 -3.97	55.86 4.84 0.00	46.53 3.48 0.00	41.24 2.90 0.00	43.10 2.76 0.00	47.51 3.17 0.00	52.85 3.81 0.00	54.34 4.07 0.00	56.80 3.90 0.00	40.96 3.18 0.00	39.41 3.16 -3.18	98.92 3.59 -62.71	45.18 3.28 -11.64	53.61 3.96 -17.53	80.83 3.95 -46.68	54.69 4.99 -12.68	51.59 6.04 -2.42	40.34 4.52 0.00	41.07 4.15 0.00	61.30 5.53 -0.01	218.10 5.12 -159.31	53.91 4.49 0.00	36.92 2.78 0.00	33.16 2.91 0.00
SHOREHAM_IC_2 23716	61.00 4.39 -3.97	55.86 4.84 0.00	46.53 3.48 0.00	41.24 2.90 0.00	43.10 2.76 0.00	47.51 3.17 0.00	52.85 3.81 0.00	54.34 4.07 0.00	56.80 3.90 0.00	40.96 3.18 0.00	39.41 3.16 -3.18	98.92 3.59 -62.71	45.18 3.28 -11.64	53.61 3.96 -17.53	80.83 3.95 -46.68	54.69 4.99 -12.68	51.59 6.04 -2.42	40.34 4.52 0.00	41.07 4.15 0.00	61.30 5.53 -0.01	218.10 5.12 -159.31	53.91 4.49 0.00	36.92 2.78 0.00	33.16 2.91 0.00
SISSONVILLE____ 23735	51.17 -1.48 -0.02	49.70 -1.32 0.00	42.08 -0.97 0.00	37.60 -0.74 0.00	39.84 -0.50 0.00	43.86 -0.49 0.00	48.47 -0.57 0.00	49.35 -0.92 0.00	51.56 -1.34 0.00	36.82 -0.96 0.00	32.26 -0.81 0.00	31.85 -0.77 0.00	29.51 -0.75 0.00	31.26 -0.85 0.00	29.29 -0.91 0.00	35.50 -1.52 0.00	41.42 -1.72 0.00	34.58 -1.23 0.00	35.82 -1.10 0.00	54.34 -1.43 0.00	52.51 -1.17 0.00	48.45 -0.96 0.00	33.56 -0.57 0.00	29.78 -0.47 0.00
SITHE_IND_GS1 24169	51.02 -1.68 -0.07	49.44 -1.58 0.00	41.70 -1.35 0.00	37.16 -1.18 0.00	39.10 -1.23 0.00	43.03 -1.32 0.00	47.58 -1.47 0.00	48.76 -1.51 0.00	51.25 -1.65 0.00	36.54 -1.24 0.00	31.95 -1.12 0.00	31.52 -1.10 0.00	29.23 -1.03 0.00	31.04 -1.07 0.00	29.16 -1.03 0.00	35.77 -1.25 0.00	41.61 -1.52 0.00	34.45 -1.37 0.00	35.54 -1.37 0.00	53.81 -1.96 0.00	51.85 -1.83 0.00	47.76 -1.66 0.00	33.01 -1.12 0.00	29.35 -0.90 0.00

SITHE_IND_GS2 24170	51.02 -1.68 -0.07	49.44 -1.58 0.00	41.70 -1.35 0.00	37.16 -1.18 0.00	39.10 -1.23 0.00	43.03 -1.32 0.00	47.58 -1.47 0.00	48.76 -1.51 0.00	51.25 -1.65 0.00	36.54 -1.24 0.00	31.95 -1.12 0.00	31.52 -1.10 0.00	29.23 -1.03 0.00	31.04 -1.07 0.00	29.16 -1.03 0.00	35.77 -1.25 0.00	41.61 -1.52 0.00	34.45 -1.37 0.00	35.54 -1.37 0.00	53.81 -1.96 0.00	51.85 -1.83 0.00	47.76 -1.66 0.00	33.01 -1.12 0.00	29.35 -0.90 0.00
SITHE_IND_GS3 24171	51.02 -1.68 -0.07	49.44 -1.58 0.00	41.70 -1.35 0.00	37.16 -1.18 0.00	39.10 -1.23 0.00	43.03 -1.32 0.00	47.58 -1.47 0.00	48.76 -1.51 0.00	51.25 -1.65 0.00	36.54 -1.24 0.00	31.95 -1.12 0.00	31.52 -1.10 0.00	29.23 -1.03 0.00	31.04 -1.07 0.00	29.16 -1.03 0.00	35.77 -1.25 0.00	41.61 -1.52 0.00	34.45 -1.37 0.00	35.54 -1.37 0.00	53.81 -1.96 0.00	51.85 -1.83 0.00	47.76 -1.66 0.00	33.01 -1.12 0.00	29.35 -0.90 0.00
SITHE_IND_GS4 24172	51.02 -1.68 -0.07	49.44 -1.58 0.00	41.70 -1.35 0.00	37.16 -1.18 0.00	39.10 -1.23 0.00	43.03 -1.32 0.00	47.58 -1.47 0.00	48.76 -1.51 0.00	51.25 -1.65 0.00	36.54 -1.24 0.00	31.95 -1.12 0.00	31.52 -1.10 0.00	29.23 -1.03 0.00	31.04 -1.07 0.00	29.16 -1.03 0.00	35.77 -1.25 0.00	41.61 -1.52 0.00	34.45 -1.37 0.00	35.54 -1.37 0.00	53.81 -1.96 0.00	51.85 -1.83 0.00	47.76 -1.66 0.00	33.01 -1.12 0.00	29.35 -0.90 0.00
SITHE___BATAVIA 24024	36.66 -2.97 13.01	48.20 -2.82 0.00	40.59 -2.45 0.00	36.32 -2.02 0.00	38.20 -2.14 0.00	42.31 -2.04 0.00	46.65 -2.39 0.00	46.63 -2.62 1.03	37.57 -3.12 12.21	26.04 -2.88 8.86	29.69 -2.96 0.42	29.77 -2.86 0.00	27.40 -2.75 0.10	29.36 -2.75 0.00	27.43 -2.76 0.00	30.83 -3.19 2.99	0.62 -3.51 39.00	31.77 -2.85 1.20	33.99 -2.78 0.15	43.34 -3.35 9.08	40.57 -2.51 10.60	43.89 -2.45 3.08	31.44 -1.77 0.93	27.69 -1.54 1.02
SITHE___INDEPEND 23800	51.03 -1.67 -0.07	49.44 -1.58 0.00	41.70 -1.35 0.00	37.16 -1.18 0.00	39.10 -1.23 0.00	43.03 -1.32 0.00	47.58 -1.47 0.00	48.76 -1.52 0.00	51.24 -1.66 0.00	36.54 -1.25 0.00	31.95 -1.12 0.00	31.52 -1.10 0.00	29.23 -1.03 0.00	31.04 -1.07 0.00	29.16 -1.03 0.00	35.77 -1.25 0.00	41.60 -1.53 0.00	34.45 -1.37 0.00	35.54 -1.38 0.00	53.79 -1.98 0.00	51.84 -1.84 0.00	47.76 -1.66 0.00	33.01 -1.12 0.00	29.35 -0.90 0.00
SITHE___MASSENA 23902	52.22 -0.42 0.00	50.51 -0.51 0.00	42.77 -0.27 0.00	38.19 -0.15 0.00	40.26 -0.08 0.00	44.31 -0.04 0.00	49.05 0.01 0.00	50.09 -0.18 0.00	52.44 -0.45 0.00	37.49 -0.30 0.00	32.86 -0.20 0.00	32.44 -0.18 0.00	30.04 -0.22 0.00	31.87 -0.24 0.00	29.91 -0.28 0.00	36.47 -0.55 0.00	42.65 -0.48 0.00	35.71 -0.10 0.00	36.93 0.01 0.00	55.68 -0.09 0.00	53.53 -0.15 0.00	49.20 -0.22 0.00	33.99 -0.15 0.00	30.05 -0.20 0.00
SITHE___OGDNSBRG 24021	52.52 -0.11 0.00	50.88 -0.14 0.00	43.09 0.05 0.00	38.49 0.16 0.00	40.65 0.32 0.00	44.79 0.44 0.00	49.47 0.43 0.00	50.03 -0.24 0.00	52.17 -0.73 0.00	37.28 -0.50 0.00	32.68 -0.39 0.00	32.28 -0.35 0.00	29.88 -0.38 0.00	31.69 -0.43 0.00	29.72 -0.48 0.00	36.13 -0.89 0.00	42.24 -0.89 0.00	35.39 -0.43 0.00	36.64 -0.28 0.00	55.43 -0.34 0.00	53.86 0.18 0.00	49.65 0.23 0.00	34.28 0.15 0.00	30.31 0.07 0.00
SITHE___STERLING 23777	53.87 0.95 -0.28	51.99 0.97 0.00	43.81 0.77 0.00	39.05 0.71 0.00	41.20 0.87 0.00	45.37 1.03 0.00	50.15 1.11 0.00	51.16 0.89 0.00	53.66 0.76 0.00	38.14 0.36 0.00	33.25 0.19 0.00	32.71 0.08 0.00	30.36 0.10 0.00	32.22 0.10 0.00	30.18 -0.01 0.00	37.04 0.03 0.00	43.20 0.07 0.00	35.94 0.12 0.00	37.29 0.37 0.00	57.01 1.24 0.00	55.18 1.50 0.00	50.85 1.43 0.00	35.07 0.94 0.00	30.99 0.74 0.00
SLEIGHT__34_KV_TB1 80719	42.42 -1.91 8.30	49.25 -1.77 0.00	41.51 -1.54 0.00	37.03 -1.31 0.00	38.97 -1.37 0.00	43.01 -1.34 0.00	47.63 -1.42 0.00	48.76 -1.52 0.00	51.00 -1.90 0.00	36.17 -1.62 0.00	31.51 -1.56 0.00	31.11 -1.52 0.00	28.78 -1.48 0.00	30.62 -1.49 0.00	28.70 -1.50 0.00	35.39 -1.72 -0.09	42.22 -2.04 -1.14	34.26 -1.60 -0.03	35.47 -1.45 0.00	53.97 -1.80 0.00	52.16 -1.52 0.00	48.08 -1.34 0.00	33.14 -1.00 0.00	29.33 -0.91 0.00
SOUTH CAIRO___GT 23612	56.63 2.95 -1.05	53.87 2.85 0.00	45.41 2.36 0.00	40.44 2.11 0.00	42.54 2.20 0.00	46.70 2.35 0.00	51.64 2.60 0.00	52.87 2.59 0.00	55.26 2.36 0.00	39.57 1.78 0.00	34.59 1.52 0.00	33.82 1.19 0.00	31.45 1.19 0.00	33.22 1.11 0.00	31.38 1.18 0.00	38.65 1.63 0.00	45.24 2.11 0.00	37.62 1.80 0.00	38.76 1.84 0.00	58.46 2.68 0.00	56.71 3.04 0.00	52.21 2.80 0.00	36.08 1.94 0.00	31.88 1.63 0.00
SOUTH HAMPTN___IC 23720	61.68 5.07 -3.97	56.32 5.30 0.00	46.81 3.76 0.00	41.46 3.12 0.00	43.35 3.02 0.00	47.88 3.53 0.00	53.26 4.22 0.00	54.68 4.40 0.00	56.90 4.00 0.00	40.99 3.21 0.00	39.48 3.24 -3.18	99.06 3.72 -62.71	45.52 3.62 -11.64	54.12 4.48 -17.53	81.34 4.46 -46.68	55.37 5.67 -12.68	52.43 6.88 -2.42	41.00 5.18 0.00	41.67 4.75 0.00	62.15 6.38 -0.01	226.35 5.80 -166.88	54.51 5.09 0.00	37.43 3.30 0.00	33.55 3.30 0.00
SOUTHDOW__115KV_TB1 355954	32.32 -2.74 17.57	48.80 -2.22 0.00	41.18 -1.87 0.00	36.92 -1.42 0.00	38.88 -1.45 0.00	43.01 -1.34 0.00	47.59 -1.46 0.00	46.83 -1.56 1.88	28.64 -2.18 22.08	19.53 -2.21 16.04	30.18 -2.14 0.75	30.70 -1.92 0.00	28.17 -1.90 0.19	30.56 -1.55 0.00	28.38 -1.82 0.00	34.52 -1.91 0.58	33.39 -2.22 7.53	33.77 -1.81 0.23	34.86 -1.98 0.07	36.70 -2.58 16.48	32.13 -2.30 19.24	41.50 -2.33 5.59	30.84 -1.60 1.69	26.99 -1.40 1.85
SOUTHOLD_69_KV_BK 2 55809	62.21 5.61 -3.97	56.60 5.58 0.00	46.96 3.91 0.00	41.53 3.19 0.00	43.48 3.15 0.00	48.11 3.77 0.00	53.52 4.48 0.00	54.85 4.57 0.00	56.80 3.90 0.00	40.84 3.06 -3.18	39.40 3.16 -62.71	99.02 3.69 -11.64	45.74 3.84 -17.53	54.51 4.87 -46.68	81.74 4.86 -46.68	55.91 6.21 -12.68	53.08 7.53 -2.42	41.53 5.71 0.00	42.21 5.30 0.00	63.03 7.25 -0.01	226.20 5.90 -166.62	54.49 5.08 0.00	37.91 3.78 0.00	33.93 3.68 0.00
SOUTHOLD___IC 23719	62.23 5.63 -3.97	56.60 5.58 0.00	46.96 3.91 0.00	41.53 3.19 0.00	43.48 3.15 0.00	48.11 3.77 0.00	53.52 4.48 0.00	54.83 4.56 0.00	56.74 3.84 0.00	40.83 3.05 -3.18	39.40 3.15 -62.71	99.02 3.69 -11.64	45.73 3.83 -17.53	54.51 4.86 -46.68	81.74 4.86 -46.68	55.91 6.21 -12.68	53.07 7.53 -2.42	41.53 5.71 0.00	42.21 5.30 0.00	63.01 7.23 -0.01	226.19 5.90 -166.62	54.49 5.07 0.00	37.91 3.78 0.00	33.93 3.68 0.00
SOUTH_FORK_WT_PWR 323839	62.17 5.57 -3.97	56.42 5.40 0.00	46.75 3.70 0.00	41.30 2.97 0.00	43.27 2.93 0.00	47.96 3.61 0.00	53.34 4.30 0.00	54.54 4.27 0.00	56.16 3.26 0.00	40.36 2.58 0.00	39.05 2.80 -3.18	98.70 3.37 -62.71	45.62 3.72 -11.64	54.52 4.87 -17.53	81.79 4.91 -46.68	56.01 6.31 -12.68	53.21 7.67 -2.42	41.64 5.82 0.00	42.32 5.40 0.00	63.15 7.37 -0.01	226.89 6.45 -166.77	54.99 5.57 0.00	38.00 3.86 0.00	34.01 3.77 0.00

SPIERFLS_115KV_TB 1 80737	57.12 3.37 -1.11	54.33 3.31 0.00	45.66 2.62 0.00	40.69 2.35 0.00	42.84 2.50 0.00	47.05 2.70 0.00	51.96 2.92 0.00	53.37 3.09 0.00	55.84 2.95 0.00	39.83 2.04 0.00	34.67 1.60 0.00	34.13 1.50 0.00	31.69 1.43 0.00	33.54 1.43 0.00	31.61 1.41 0.00	39.07 2.05 0.00	45.61 2.48 0.00	37.84 2.03 0.00	38.95 2.03 0.00	59.07 3.30 0.00	57.24 3.56 0.00	52.76 3.35 0.00	36.39 2.26 0.00	32.16 1.91 0.00
ST LAWRENCE____ 23600	52.01 -0.63 0.00	50.31 -0.71 0.00	42.56 -0.49 0.00	37.94 -0.39 0.00	39.93 -0.40 0.00	43.96 -0.39 0.00	48.70 -0.34 0.00	49.86 -0.41 0.00	52.28 -0.61 0.00	37.34 -0.44 0.00	32.71 -0.36 0.00	32.29 -0.33 0.00	29.90 -0.36 0.00	31.74 -0.37 0.00	29.82 -0.38 0.00	36.44 -0.58 0.00	42.55 -0.58 0.00	35.59 -0.23 0.00	36.78 -0.14 0.00	55.44 -0.33 0.00	53.31 -0.37 0.00	48.96 -0.46 0.00	33.77 -0.37 0.00	29.83 -0.41 0.00
STATE_CA_115KV_115_LB 55624	55.47 1.74 -1.09	52.74 1.72 0.00	44.48 1.43 0.00	39.61 1.28 0.00	41.64 1.31 0.00	45.64 1.29 0.00	50.39 1.36 0.00	51.66 1.38 0.00	54.07 1.16 0.00	38.89 1.10 0.00	34.03 0.97 0.00	33.56 0.94 0.00	31.11 0.85 0.00	32.95 0.84 0.00	31.10 0.90 0.00	38.15 1.13 0.00	44.40 1.27 0.00	36.86 1.04 0.00	37.88 0.97 0.00	57.01 1.24 0.00	55.06 1.38 0.00	50.70 1.29 0.00	35.12 0.98 0.00	31.10 0.85 0.00
STATE_ST_34_KV_LOAD 55959	45.65 -0.53 6.45	50.66 -0.36 0.00	42.71 -0.34 0.00	38.08 -0.26 0.00	40.09 -0.24 0.00	44.18 -0.17 0.00	48.88 -0.16 0.00	50.23 -0.24 -0.20	54.81 -0.43 -2.34	39.10 -0.39 -1.71	32.60 -0.55 -0.08	32.13 -0.50 0.00	29.75 -0.53 -0.02	31.62 -0.49 0.00	29.65 -0.54 0.00	36.45 -0.57 0.00	42.49 -0.64 0.00	35.28 -0.54 0.00	36.58 -0.34 -0.01	57.19 -0.34 -1.76	55.57 -0.15 -2.05	50.02 0.01 -0.59	34.31 -0.01 -0.18	30.38 -0.07 -0.20
STATION 5_MISC_HYD 23604	40.26 -2.20 10.17	49.01 -2.01 0.00	41.28 -1.77 0.00	36.85 -1.48 0.00	38.76 -1.57 0.00	42.82 -1.53 0.00	47.37 -1.68 0.00	48.24 -1.82 0.21	48.26 -2.17 2.48	34.10 -1.88 1.80	31.20 -1.79 0.08	30.93 -1.70 0.00	28.61 -1.62 0.02	30.51 -1.60 0.00	28.58 -1.62 0.00	35.33 -1.87 -0.18	43.29 -2.15 -2.31	34.24 -1.65 -0.07	35.35 -1.57 0.00	51.97 -1.95 1.85	49.81 -1.71 2.16	47.21 -1.58 0.63	32.76 -1.18 0.19	28.98 -1.06 0.21
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	41.24 -1.67 9.73	49.52 -1.50 0.00	41.74 -1.31 0.00	37.24 -1.10 0.00	39.21 -1.13 0.00	43.27 -1.08 0.00	47.90 -1.14 0.00	49.04 -1.24 0.00	51.30 -1.60 0.00	36.36 -1.43 0.00	31.69 -1.37 0.00	31.29 -1.34 0.00	28.94 -1.32 0.00	30.83 -1.28 0.00	28.89 -1.30 0.00	35.61 -1.51 -0.10	42.64 -1.76 -1.26	34.50 -1.35 -0.04	35.71 -1.20 0.00	54.39 -1.39 0.00	52.50 -1.18 0.00	48.34 -1.07 0.00	33.33 -0.81 0.00	29.51 -0.73 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	40.47 -2.35 9.82	48.83 -2.19 0.00	41.13 -1.92 0.00	36.71 -1.62 0.00	38.63 -1.71 0.00	42.65 -1.70 0.00	47.18 -1.86 0.00	48.27 -2.01 0.00	50.50 -2.40 0.00	35.77 -2.01 0.00	31.22 -1.85 0.00	30.86 -1.77 0.00	28.54 -1.72 0.00	30.42 -1.69 0.00	28.52 -1.68 0.00	35.19 -1.98 -0.16	42.87 -2.30 -2.03	34.11 -1.77 -0.06	35.24 -1.68 -0.01	53.57 -2.21 0.00	51.70 -1.98 0.00	47.62 -1.79 0.00	32.82 -1.32 0.00	29.07 -1.17 0.00
STA_56____34_KV_BUS2 355983	40.47 -2.35 9.82	48.83 -2.19 0.00	41.13 -1.92 0.00	36.71 -1.62 0.00	38.63 -1.71 0.00	42.65 -1.70 0.00	47.18 -1.86 0.00	48.27 -2.01 0.00	50.50 -2.40 0.00	35.77 -2.01 0.00	31.22 -1.85 0.00	30.86 -1.77 0.00	28.54 -1.72 0.00	30.42 -1.69 0.00	28.52 -1.68 0.00	35.19 -1.98 -0.16	42.87 -2.30 -2.03	34.11 -1.77 -0.06	35.24 -1.68 -0.01	53.57 -2.21 0.00	51.70 -1.98 0.00	47.62 -1.79 0.00	32.82 -1.32 0.00	29.07 -1.17 0.00
STA_67____115KV_BK2 355882	40.21 -2.24 10.19	48.94 -2.08 0.00	41.22 -1.82 0.00	36.80 -1.54 0.00	38.71 -1.62 0.00	42.75 -1.59 0.00	47.30 -1.74 0.00	48.16 -1.91 0.20	48.15 -2.33 2.42	34.04 -1.99 1.76	31.15 -1.84 0.08	30.87 -1.75 0.00	28.54 -1.70 0.02	30.46 -1.66 0.00	28.53 -1.66 0.00	35.26 -1.94 -0.18	43.22 -2.25 -2.33	34.18 -1.71 -0.07	35.28 -1.64 0.00	51.85 -2.11 1.81	49.72 -1.85 2.11	47.12 -1.69 0.61	32.71 -1.24 0.18	28.94 -1.11 0.20
STA_7____115KV_9TRANS 80674	40.53 -1.98 10.12	49.18 -1.84 0.00	41.42 -1.63 0.00	36.98 -1.36 0.00	38.90 -1.44 0.00	42.98 -1.37 0.00	47.54 -1.51 0.00	48.39 -1.65 0.23	48.17 -2.05 2.69	34.04 -1.79 1.95	31.30 -1.68 0.09	31.04 -1.59 0.00	28.68 -1.55 0.02	30.62 -1.49 0.00	28.68 -1.52 0.00	35.43 -1.76 -0.17	43.34 -2.01 -2.22	34.37 -1.51 -0.07	35.50 -1.41 0.00	52.04 -1.73 2.01	49.83 -1.51 2.34	47.36 -1.38 0.68	32.89 -1.03 0.21	29.08 -0.94 0.22
STA_82____115KV_TB1 80780	40.11 -2.33 10.20	48.85 -2.16 0.00	41.15 -1.89 0.00	36.75 -1.59 0.00	38.65 -1.69 0.00	42.68 -1.67 0.00	47.21 -1.83 0.00	48.07 -2.00 0.20	48.09 -2.43 2.38	34.00 -2.06 1.72	31.09 -1.90 0.08	30.83 -1.80 0.00	28.48 -1.75 0.02	30.40 -1.71 0.00	28.49 -1.70 0.00	35.20 -2.00 -0.18	43.16 -2.32 -2.35	34.11 -1.78 -0.07	35.21 -1.71 0.00	51.75 -2.25 1.78	49.64 -1.96 2.08	47.03 -1.78 0.60	32.65 -1.30 0.18	28.89 -1.16 0.20
STEEL____WIND 323596	31.73 -4.17 16.73	47.23 -3.79 0.00	39.82 -3.22 0.00	35.66 -2.67 0.00	37.52 -2.82 0.00	41.44 -2.90 0.00	45.66 -3.38 0.00	44.58 -3.64 2.06	24.67 -4.01 24.22	16.80 -3.39 17.59	29.07 -3.18 0.82	29.64 -2.99 0.00	27.23 -2.83 0.21	29.42 -2.69 0.00	27.41 -2.79 0.00	33.22 -3.17 0.62	31.47 -3.58 8.09	32.70 -2.87 0.25	33.85 -2.98 0.08	33.47 -4.25 18.06	28.79 -3.81 21.08	39.66 -3.64 6.12	29.72 -2.57 1.85	25.99 -2.22 2.03
STEPHTWN_115KV_BK_2 55603	55.57 1.85 -1.08	52.85 1.83 0.00	44.55 1.51 0.00	39.68 1.35 0.00	41.73 1.40 0.00	45.75 1.40 0.00	50.55 1.51 0.00	51.81 1.53 0.00	54.25 1.35 0.00	38.97 1.19 0.00	34.11 1.05 0.00	33.61 0.99 0.00	31.19 0.93 0.00	33.00 0.88 0.00	31.17 0.97 0.00	38.23 1.21 0.00	44.51 1.38 0.00	36.94 1.12 0.00	38.00 1.08 0.00	57.20 1.43 0.00	55.24 1.56 0.00	50.87 1.45 0.00	35.23 1.09 0.00	31.19 0.94 0.00
STEBEN_REC_LFGE 323667	16.69 -2.55 33.40	48.76 -2.26 0.00	41.26 -1.78 0.00	36.99 -1.35 0.00	38.94 -1.39 0.00	43.16 -1.18 0.00	47.70 -1.34 0.00	52.62 -1.72 -4.06	98.06 -2.46 -47.62	70.04 -2.36 -34.61	32.37 -2.31 -1.61	30.45 -2.18 0.00	28.62 -2.04 -0.40	30.25 -1.87 0.00	28.29 -1.90 0.00	34.75 -2.10 0.17	38.42 -2.48 2.23	33.79 -1.95 0.07	35.36 -1.66 -0.11	90.09 -1.38 -35.70	94.18 -1.16 -41.66	60.29 -1.22 -12.09	36.77 -1.03 -3.66	33.36 -0.90 -4.01
STILLWATER____SOLAR 323814	56.50 2.75 -1.11	53.75 2.73 0.00	45.24 2.19 0.00	40.29 1.95 0.00	42.39 2.06 0.00	46.54 2.19 0.00	51.38 2.34 0.00	52.69 2.41 0.00	55.18 2.28 0.00	39.44 1.66 0.00	34.42 1.35 0.00	33.89 1.26 0.00	31.47 1.21 0.00	33.30 1.19 0.00	31.42 1.22 0.00	38.73 1.71 0.00	45.18 2.05 0.00	37.54 1.72 0.00	38.61 1.69 0.00	58.47 2.70 0.00	56.59 2.92 0.00	52.12 2.70 0.00	35.98 1.85 0.00	31.81 1.56 0.00

STONY___BROOK 24151	61.17 4.57 -3.97	56.01 4.99 0.00	47.02 3.98 0.00	41.60 3.26 0.00	43.51 3.18 0.00	47.92 3.57 0.00	53.21 4.17 0.00	54.78 4.50 0.00	57.65 4.75 0.00	41.50 3.72 0.00	39.87 3.63 -3.18	99.13 3.79 -62.71	45.44 3.55 -11.64	53.57 3.93 -17.53	80.69 3.81 -46.68	54.37 4.67 -12.68	51.05 5.50 -2.42	39.73 3.92 0.00	40.74 3.82 0.00	60.97 5.20 -0.01	194.26 4.91 -135.68	53.99 4.58 0.00	37.03 2.89 0.00	33.15 2.90 0.00
STURGEON_POOL_HYD 23609	60.22 3.66 -3.92	54.40 3.38 0.00	45.73 2.69 0.00	40.55 2.22 0.00	42.54 2.20 0.00	46.75 2.40 0.00	51.84 2.79 0.00	53.47 3.20 0.00	56.35 3.45 0.00	40.32 2.54 0.00	35.44 2.37 0.00	34.98 2.36 0.00	32.55 2.29 0.00	34.54 2.43 0.00	32.45 2.26 0.00	39.82 2.80 0.00	46.47 3.34 0.00	38.46 2.64 0.00	39.46 2.55 0.00	59.32 3.55 0.00	57.14 3.46 0.00	52.55 3.13 0.00	36.25 2.11 0.00	32.09 1.84 0.00
ST_LAW_115_BK7_LBMP 345037	51.94 -0.69 0.00	50.23 -0.79 0.00	42.52 -0.53 0.00	37.91 -0.43 0.00	39.91 -0.42 0.00	43.92 -0.42 0.00	48.67 -0.37 0.00	49.81 -0.47 0.00	52.22 -0.68 0.00	37.30 -0.48 0.00	32.68 -0.39 0.00	32.27 -0.36 0.00	29.87 -0.39 0.00	31.71 -0.41 0.00	29.79 -0.41 0.00	36.38 -0.64 0.00	42.49 -0.64 0.00	35.56 -0.26 0.00	36.75 -0.16 0.00	55.38 -0.39 0.00	53.24 -0.44 0.00	48.91 -0.51 0.00	33.73 -0.41 0.00	29.80 -0.44 0.00
ST_LAW_115_BK8_LBMP 345038	51.94 -0.69 0.00	50.23 -0.79 0.00	42.52 -0.53 0.00	37.91 -0.43 0.00	39.91 -0.42 0.00	43.92 -0.42 0.00	48.67 -0.37 0.00	49.81 -0.47 0.00	52.22 -0.68 0.00	37.30 -0.48 0.00	32.68 -0.39 0.00	32.27 -0.36 0.00	29.87 -0.39 0.00	31.71 -0.41 0.00	29.79 -0.41 0.00	36.38 -0.64 0.00	42.49 -0.64 0.00	35.56 -0.26 0.00	36.75 -0.16 0.00	55.38 -0.39 0.00	53.24 -0.44 0.00	48.91 -0.51 0.00	33.73 -0.41 0.00	29.80 -0.44 0.00
ST_LAW_230_BK5_LBMP 345035	52.01 -0.63 0.00	50.31 -0.71 0.00	42.56 -0.49 0.00	37.94 -0.39 0.00	39.93 -0.40 0.00	43.96 -0.39 0.00	48.70 -0.34 0.00	49.86 -0.41 0.00	52.28 -0.61 0.00	37.34 -0.44 0.00	32.71 -0.36 0.00	32.29 -0.33 0.00	29.90 -0.36 0.00	31.74 -0.37 0.00	29.82 -0.38 0.00	36.44 -0.58 0.00	42.55 -0.58 0.00	35.59 -0.23 0.00	36.78 -0.14 0.00	55.44 -0.33 0.00	53.31 -0.37 0.00	48.96 -0.46 0.00	33.77 -0.37 0.00	29.83 -0.41 0.00
ST_LAW_230_BK6_LBMP 345036	52.01 -0.63 0.00	50.31 -0.71 0.00	42.56 -0.49 0.00	37.94 -0.39 0.00	39.93 -0.40 0.00	43.96 -0.39 0.00	48.70 -0.34 0.00	49.86 -0.41 0.00	52.28 -0.61 0.00	37.34 -0.44 0.00	32.71 -0.36 0.00	32.29 -0.33 0.00	29.90 -0.36 0.00	31.74 -0.37 0.00	29.82 -0.38 0.00	36.44 -0.58 0.00	42.55 -0.58 0.00	35.59 -0.23 0.00	36.78 -0.14 0.00	55.44 -0.33 0.00	53.31 -0.37 0.00	48.96 -0.46 0.00	33.77 -0.37 0.00	29.83 -0.41 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	60.55 3.72 -4.20	54.41 3.39 0.00	45.73 2.69 0.00	40.57 2.23 0.00	42.53 2.20 0.00	46.77 2.42 0.00	51.87 2.83 0.00	53.50 3.23 0.00	56.40 3.50 0.00	40.37 2.59 0.00	32.79 2.43 2.70	34.50 2.41 0.54	27.04 2.30 5.52	34.51 2.44 0.05	31.16 2.33 1.37	39.87 2.85 0.00	46.51 3.38 0.00	38.42 2.61 0.00	39.42 2.50 0.00	59.26 3.49 0.00	57.09 3.41 0.00	52.50 3.08 0.00	36.22 2.09 0.00	32.07 1.83 0.00
SWANROAD_115KV_TB1 355699	32.32 -5.47 14.85	45.61 -5.41 0.00	38.45 -4.59 0.00	34.46 -3.88 0.00	36.20 -4.14 0.00	40.04 -4.30 0.00	43.93 -5.11 0.00	43.36 -5.40 1.52	29.23 -5.41 18.25	20.21 -4.33 13.24	28.22 -4.22 0.62	28.57 -4.05 0.00	26.20 -3.91 0.16	28.19 -3.93 0.00	26.35 -3.85 0.00	31.80 -4.44 0.77	28.34 -4.78 10.01	31.54 -3.97 0.31	32.55 -4.30 0.07	35.95 -6.18 13.64	32.14 -5.62 15.92	39.34 -5.45 4.62	29.05 -3.68 1.40	25.61 -3.11 1.53
SYNERGY___BIOGAS 323694	36.71 -2.91 13.01	48.21 -2.81 0.00	40.60 -2.45 0.00	36.32 -2.02 0.00	38.20 -2.14 0.00	42.31 -2.04 0.00	46.64 -2.40 0.00	46.62 -2.63 1.03	37.43 -3.26 12.21	25.96 -2.96 8.86	29.67 -2.98 0.42	29.75 -2.87 0.00	27.35 -2.80 0.10	29.35 -2.76 0.00	27.43 -2.77 0.00	30.81 -3.22 2.99	0.55 -3.58 39.00	31.76 -2.86 1.20	33.99 -2.78 0.15	43.27 -3.43 9.08	40.49 -2.59 10.60	43.86 -2.48 3.08	31.46 -1.75 0.93	27.68 -1.54 1.02
SYRACUSE___ENERGY_ST1 323597	47.72 -0.65 4.26	50.47 -0.55 0.00	42.57 -0.48 0.00	37.93 -0.41 0.00	39.93 -0.40 0.00	43.97 -0.38 0.00	48.62 -0.42 0.00	49.78 -0.50 0.00	52.23 -0.67 0.00	37.18 -0.60 0.00	32.46 -0.60 0.00	31.98 -0.64 0.00	29.59 -0.67 0.00	31.44 -0.67 0.00	29.52 -0.68 0.00	36.39 -0.63 0.00	42.45 -0.68 0.00	35.19 -0.62 0.00	36.40 -0.51 0.00	55.20 -0.57 0.00	53.23 -0.45 0.00	49.03 -0.38 0.00	33.86 -0.28 0.00	30.04 -0.20 0.00
SYRACUSE___ENERGY_ST2 323598	47.72 -0.65 4.26	50.47 -0.55 0.00	42.57 -0.48 0.00	37.93 -0.41 0.00	39.93 -0.40 0.00	43.97 -0.38 0.00	48.62 -0.42 0.00	49.78 -0.50 0.00	52.23 -0.67 0.00	37.18 -0.60 0.00	32.46 -0.60 0.00	31.98 -0.64 0.00	29.59 -0.67 0.00	31.44 -0.67 0.00	29.52 -0.68 0.00	36.39 -0.63 0.00	42.45 -0.68 0.00	35.19 -0.62 0.00	36.40 -0.51 0.00	55.20 -0.57 0.00	53.23 -0.45 0.00	49.03 -0.38 0.00	33.86 -0.28 0.00	30.04 -0.20 0.00
SYRACUSE___POWER 24017	48.89 -0.64 3.10	50.49 -0.53 0.00	42.57 -0.48 0.00	37.93 -0.40 0.00	39.94 -0.39 0.00	43.98 -0.37 0.00	48.65 -0.39 0.00	49.85 -0.43 0.00	52.37 -0.53 0.00	37.29 -0.49 0.00	32.57 -0.50 0.00	32.12 -0.51 0.00	29.75 -0.51 0.00	31.61 -0.50 0.00	29.68 -0.52 0.00	36.46 -0.55 0.00	42.49 -0.64 0.00	35.22 -0.59 0.00	36.42 -0.50 0.00	55.27 -0.50 0.00	53.30 -0.38 0.00	49.09 -0.33 0.00	33.88 -0.26 0.00	30.06 -0.18 0.00
TALLMAN__138KV_BK151 55660	60.86 4.12 -4.10	54.74 3.72 0.00	46.00 2.95 0.00	40.77 2.43 0.00	42.74 2.40 0.00	47.00 2.65 0.00	52.17 3.13 0.00	53.86 3.59 0.00	56.80 3.90 0.00	40.65 2.87 0.00	32.24 2.70 3.53	34.60 2.68 0.70	25.61 2.55 7.20	34.75 2.70 0.06	31.00 2.59 1.79	40.20 3.18 0.00	46.89 3.75 0.00	38.68 2.86 0.00	39.64 2.73 0.00	59.59 3.82 0.00	57.38 3.70 0.00	52.77 3.35 0.00	36.40 2.26 0.00	32.24 2.00 0.00
TEALLAVE_115KV_TB7 355573	48.98 -0.87 2.79	50.24 -0.78 0.00	42.36 -0.69 0.00	37.74 -0.59 0.00	39.74 -0.59 0.00	43.75 -0.60 0.00	48.40 -0.64 0.00	49.61 -0.67 0.00	52.13 -0.77 0.00	37.13 -0.66 0.00	32.44 -0.63 0.00	32.00 -0.63 0.00	29.66 -0.60 0.00	31.50 -0.61 0.00	29.57 -0.62 0.00	36.31 -0.70 0.00	42.28 -0.85 0.00	35.05 -0.76 0.00	36.23 -0.68 0.00	54.93 -0.84 0.00	52.96 -0.72 0.00	48.76 -0.66 0.00	33.68 -0.46 0.00	29.89 -0.36 0.00
TELGRAPH_34_KV_EAST 80808	34.68 -4.09 13.86	47.05 -3.97 0.00	39.66 -3.38 0.00	35.51 -2.83 0.00	37.31 -3.02 0.00	41.30 -3.05 0.00	45.43 -3.61 0.00	45.14 -3.86 1.27	33.58 -4.18 15.14	23.29 -3.51 10.99	29.13 -3.42 0.51	29.35 -3.27 0.00	26.96 -3.17 0.13	28.97 -3.14 0.00	27.07 -3.13 0.00	32.43 -3.63 0.95	26.75 -3.99 12.39	32.21 -3.23 0.38	33.56 -3.28 0.07	39.93 -4.59 11.26	36.56 -3.98 13.14	41.75 -3.84 3.82	30.34 -2.64 1.15	26.72 -2.26 1.27

TEMPLE___115KV_TB 2 55572	48.98 -0.86 2.80	50.25 -0.77 0.00	42.37 -0.68 0.00	37.76 -0.58 0.00	39.76 -0.58 0.00	43.77 -0.58 0.00	48.42 -0.62 0.00	49.63 -0.65 0.00	52.15 -0.75 0.00	37.15 -0.64 0.00	32.47 -0.60 0.00	32.02 -0.61 0.00	29.68 -0.58 0.00	31.52 -0.59 0.00	29.60 -0.60 0.00	36.34 -0.68 0.00	42.32 -0.82 0.00	35.08 -0.74 0.00	36.25 -0.67 0.00	54.95 -0.82 0.00	52.98 -0.70 0.00	48.79 -0.63 0.00	33.68 -0.45 0.00	29.90 -0.35 0.00
TIANA___69_KV_BK 1 55817	61.53 4.93 -3.97	56.28 5.26 0.00	46.80 3.75 0.00	41.45 3.11 0.00	43.34 3.01 0.00	47.83 3.48 0.00	53.22 4.18 0.00	54.67 4.39 0.00	57.05 4.15 0.00	41.09 3.31 0.00	39.54 3.29 -3.18	99.10 3.76 -62.71	45.48 3.58 -11.64	54.02 4.37 -17.53	81.23 4.35 -46.68	55.22 5.52 -12.68	52.25 6.70 -2.42	40.85 5.04 0.00	41.52 4.60 0.00	61.94 6.16 -0.01	225.97 5.64 -166.65	54.38 4.96 0.00	37.31 3.18 0.00	33.45 3.21 0.00
TILDEN___115KV_TB1 80814	48.89 -0.64 3.10	50.49 -0.53 0.00	42.57 -0.48 0.00	37.93 -0.40 0.00	39.94 -0.39 0.00	43.98 -0.37 0.00	48.65 -0.39 0.00	49.85 -0.43 0.00	52.37 -0.53 0.00	37.29 -0.49 0.00	32.57 -0.50 0.00	32.12 -0.51 0.00	29.75 -0.51 0.00	31.61 -0.50 0.00	29.68 -0.52 0.00	36.46 -0.55 0.00	42.49 -0.64 0.00	35.22 -0.59 0.00	36.42 -0.50 0.00	55.27 -0.50 0.00	53.30 -0.38 0.00	49.09 -0.33 0.00	33.88 -0.26 0.00	30.06 -0.18 0.00
TRIGEN___CC 323695	61.01 4.41 -3.97	55.39 4.37 0.00	46.54 3.49 0.00	41.20 2.86 0.00	43.14 2.80 0.00	47.46 3.12 0.00	52.68 3.64 0.00	54.31 4.04 0.00	57.27 4.37 0.00	41.07 3.29 0.00	39.47 3.22 -3.18	98.56 3.23 -62.71	44.96 3.06 -11.64	52.92 3.28 -17.53	80.00 3.12 -46.68	53.51 3.81 -12.68	50.03 4.49 -2.41	39.19 3.38 0.00	40.21 3.29 0.00	60.32 4.54 0.00	57.91 4.24 0.00	53.33 3.92 0.00	36.64 2.51 0.00	32.61 2.37 0.00
TRINITY___115KV___ 4 BK 55933	55.27 1.55 -1.09	52.56 1.54 0.00	44.33 1.29 0.00	39.48 1.14 0.00	41.50 1.16 0.00	45.48 1.13 0.00	50.21 1.17 0.00	51.47 1.19 0.00	53.93 1.04 0.00	38.80 1.02 0.00	33.98 0.91 0.00	33.50 0.88 0.00	31.06 0.80 0.00	32.88 0.77 0.00	30.99 0.79 0.00	38.01 0.99 0.00	44.24 1.11 0.00	36.72 0.90 0.00	37.74 0.83 0.00	56.76 0.99 0.00	54.84 1.16 0.00	50.51 1.09 0.00	35.00 0.87 0.00	31.00 0.76 0.00
UNION___PROCESSING_DRP 323587	40.11 -2.32 10.20	48.86 -2.16 0.00	41.17 -1.88 0.00	36.75 -1.58 0.00	38.66 -1.67 0.00	42.69 -1.66 0.00	47.22 -1.83 0.00	48.07 -1.99 0.21	47.95 -2.43 2.52	33.90 -2.06 1.83	31.09 -1.90 0.08	30.83 -1.79 0.00	28.49 -1.75 0.02	30.40 -1.71 0.00	28.49 -1.70 0.00	35.21 -2.00 -0.19	43.25 -2.32 -2.43	34.11 -1.78 -0.07	35.21 -1.71 0.00	51.67 -2.22 1.88	49.53 -1.95 2.20	47.01 -1.77 0.64	32.65 -1.29 0.19	28.88 -1.15 0.21
UPPER HUDSON___HYD 24058	57.12 3.38 -1.11	54.33 3.31 0.00	45.66 2.62 0.00	40.69 2.35 0.00	42.84 2.51 0.00	47.05 2.70 0.00	51.96 2.92 0.00	53.36 3.09 0.00	55.84 2.94 0.00	39.82 2.04 0.00	34.66 1.59 0.00	34.13 1.50 0.00	31.68 1.42 0.00	33.54 1.43 0.00	31.60 1.40 0.00	39.06 2.05 0.00	45.61 2.48 0.00	37.84 2.03 0.00	38.95 2.03 0.00	59.07 3.30 0.00	57.24 3.56 0.00	52.76 3.34 0.00	36.39 2.26 0.00	32.16 1.91 0.00
UPPER RAQUET___HYD 24056	51.20 -1.45 -0.02	49.70 -1.32 0.00	42.08 -0.97 0.00	37.59 -0.74 0.00	39.84 -0.50 0.00	43.86 -0.49 0.00	48.47 -0.57 0.00	49.36 -0.92 0.00	51.55 -1.35 0.00	36.82 -0.96 0.00	32.26 -0.81 0.00	31.86 -0.77 0.00	29.50 -0.75 0.00	31.26 -0.85 0.00	29.29 -0.91 0.00	35.50 -1.52 0.00	41.40 -1.73 0.00	34.58 -1.24 0.00	35.82 -1.10 0.00	54.34 -1.43 0.00	52.51 -1.17 0.00	48.45 -0.96 0.00	33.56 -0.57 0.00	29.78 -0.47 0.00
VALLEY44_115KV_TB2 355964	30.89 -3.87 17.87	47.61 -3.41 0.00	40.21 -2.83 0.00	35.97 -2.37 0.00	37.96 -2.37 0.00	41.70 -2.64 0.00	46.06 -2.98 0.00	45.37 -3.16 1.74	28.80 -3.61 20.50	19.86 -3.03 14.89	29.54 -2.84 0.70	30.10 -2.52 0.00	27.72 -2.37 0.17	29.90 -2.21 0.00	27.85 -2.34 0.00	33.90 -2.55 0.57	32.85 -2.93 7.36	33.03 -2.56 0.23	34.07 -2.77 0.07	36.72 -3.76 15.29	32.38 -3.44 17.85	41.00 -3.23 5.19	30.23 -2.34 1.57	26.52 -2.01 1.72
VALLEY___115KV_TB 1-4 80826	54.65 2.01 0.00	53.28 2.26 0.00	45.01 1.96 0.00	40.08 1.74 0.00	42.18 1.85 0.00	46.25 1.90 0.00	50.85 1.81 0.00	52.06 1.78 0.00	54.35 1.45 0.00	39.25 1.47 0.00	34.13 1.06 0.00	33.50 0.87 0.00	30.85 0.59 0.00	32.78 0.67 0.00	30.91 0.72 0.00	37.71 0.70 0.00	44.06 0.93 0.00	36.54 0.72 0.00	37.58 0.66 0.00	57.33 1.55 0.00	55.75 2.08 0.00	51.38 1.96 0.00	35.61 1.47 0.00	31.43 1.18 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	65.30 1.87 -10.79	52.90 1.88 0.00	44.71 1.67 0.00	39.73 1.39 0.00	41.77 1.44 0.00	45.97 1.63 0.00	51.44 2.40 0.00	52.10 1.82 0.00	54.81 1.91 0.00	39.17 1.39 0.00	33.88 1.23 0.41	33.75 1.21 0.08	30.56 1.15 0.84	33.27 1.16 0.01	31.09 1.08 0.18	38.39 1.37 0.00	44.85 1.72 0.00	37.21 1.40 0.00	38.48 1.57 0.00	58.27 2.50 0.00	56.09 2.41 0.00	51.57 2.15 0.00	35.54 1.40 0.00	31.45 1.20 0.00
VISCHER___FERRY HYD 24020	55.82 2.09 -1.10	53.13 2.11 0.00	44.74 1.69 0.00	39.85 1.51 0.00	41.90 1.57 0.00	45.92 1.58 0.00	50.69 1.65 0.00	52.05 1.78 0.00	54.60 1.70 0.00	39.06 1.28 0.00	34.16 1.10 0.00	33.70 1.07 0.00	31.30 1.04 0.00	33.12 1.01 0.00	31.26 1.06 0.00	38.41 1.38 0.00	44.77 1.64 0.00	37.18 1.36 0.00	38.22 1.30 0.00	57.66 1.89 0.00	55.81 2.14 0.00	51.40 1.99 0.00	35.56 1.42 0.00	31.44 1.20 0.00
V_A_10_SYNC_DSASP 323832	35.31 -4.29 13.03	47.04 -3.98 0.00	39.65 -3.39 0.00	35.46 -2.87 0.00	37.27 -3.06 0.00	41.16 -3.19 0.00	45.34 -3.70 0.00	45.18 -3.96 1.13	35.27 -4.43 13.20	24.65 -3.54 9.59	29.43 -3.19 0.45	29.64 -2.99 0.00	27.28 -2.87 0.11	29.32 -2.79 0.00	27.41 -2.79 0.00	33.16 -3.29 0.57	31.88 -3.84 7.41	32.57 -3.02 0.23	33.73 -3.13 0.05	41.14 -4.70 9.93	37.78 -4.31 11.59	42.11 -3.94 3.36	30.40 -2.72 1.02	26.79 -2.35 1.12
V_CMM_10_SYNC_DSASP 323787	52.10 -0.53 0.00	50.38 -0.64 0.00	42.74 -0.31 0.00	38.10 -0.23 0.00	40.10 -0.23 0.00	44.13 -0.21 0.00	48.82 -0.22 0.00	50.00 -0.27 0.00	52.33 -0.56 0.00	37.45 -0.34 0.00	32.81 -0.26 0.00	32.40 -0.23 0.00	30.00 -0.27 0.00	31.84 -0.28 0.00	29.90 -0.30 0.00	36.53 -0.49 0.00	42.67 -0.46 0.00	35.71 -0.10 0.00	36.93 0.01 0.00	55.57 -0.20 0.00	53.43 -0.25 0.00	49.10 -0.32 0.00	33.87 -0.27 0.00	29.93 -0.31 0.00
V_CMP_10_SYNC_DSASP 323788	52.91 0.27 0.00	51.39 0.37 0.00	43.29 0.25 0.00	38.67 0.33 0.00	40.75 0.41 0.00	44.94 0.59 0.00	49.91 0.87 0.00	51.05 0.78 0.00	53.61 0.71 0.00	38.16 0.37 0.00	33.34 0.27 0.00	32.94 0.31 0.00	30.52 0.26 0.00	32.40 0.29 0.00	30.37 0.18 0.00	37.28 0.27 0.00	43.58 0.45 0.00	36.45 0.63 0.00	37.67 0.76 0.00	56.77 1.00 0.00	54.73 1.06 0.00	50.33 0.91 0.00	34.73 0.59 0.00	30.59 0.35 0.00

V_D_10_SYNC_DSASP 323841	52.20 -0.43 0.00	50.52 -0.50 0.00	42.77 -0.28 0.00	38.19 -0.14 0.00	40.26 -0.08 0.00	44.31 -0.04 0.00	49.05 0.01 0.00	50.09 -0.18 0.00	52.48 -0.42 0.00	37.49 -0.29 0.00	32.87 -0.20 0.00	32.45 -0.17 0.00	30.04 -0.22 0.00	31.88 -0.23 0.00	29.92 -0.28 0.00	36.47 -0.55 0.00	42.66 -0.47 0.00	35.71 -0.10 0.00	36.93 0.02 0.00	55.69 -0.08 0.00	53.53 -0.15 0.00	49.21 -0.21 0.00	33.99 -0.15 0.00	30.05 -0.20 0.00
V_E_10_SYNC_DSASP 323830	61.75 1.40 -7.71	53.34 2.32 0.00	45.02 1.98 0.00	40.08 1.75 0.00	42.51 2.17 0.00	47.08 2.73 0.00	51.99 2.95 0.00	53.46 2.89 -0.30	58.75 2.37 -3.48	41.92 1.59 -2.55	33.95 1.14 0.26	33.37 0.81 0.08	30.22 0.71 0.75	32.92 0.82 0.01	30.68 0.66 0.18	37.81 0.80 0.00	44.32 1.19 0.00	36.68 0.86 0.00	38.28 1.36 -0.01	62.03 3.66 -2.60	60.73 4.02 -3.03	53.92 3.62 -0.88	36.64 2.24 -0.27	32.38 1.84 -0.29
V_F_30_NSYNC___DSASP 323816	56.52 2.77 -1.11	53.77 2.75 0.00	45.25 2.21 0.00	40.31 1.97 0.00	42.42 2.08 0.00	46.55 2.21 0.00	51.41 2.37 0.00	52.71 2.43 0.00	55.23 2.33 0.00	39.48 1.70 0.00	34.45 1.39 0.00	33.94 1.31 0.00	31.50 1.25 0.00	33.34 1.23 0.00	31.46 1.26 0.00	38.76 1.74 0.00	45.22 2.09 0.00	37.56 1.74 0.00	38.64 1.72 0.00	58.50 2.73 0.00	56.61 2.93 0.00	52.13 2.71 0.00	35.99 1.86 0.00	31.81 1.57 0.00
V_F_30_SYNC_DSASP 323786	55.46 1.74 -1.09	52.74 1.72 0.00	44.48 1.43 0.00	39.61 1.27 0.00	41.64 1.30 0.00	45.64 1.29 0.00	50.39 1.35 0.00	51.65 1.38 0.00	54.07 1.16 0.00	38.88 1.09 0.00	34.03 0.97 0.00	33.56 0.94 0.00	31.11 0.85 0.00	32.94 0.84 0.00	31.10 0.90 0.00	38.15 1.13 0.00	44.40 1.27 0.00	36.86 1.04 0.00	37.88 0.96 0.00	57.00 1.23 0.00	55.06 1.38 0.00	50.70 1.28 0.00	35.12 0.98 0.00	31.10 0.85 0.00
V_XM_10_SYNC_DSASP 323789	52.91 0.27 0.00	51.39 0.37 0.00	43.29 0.25 0.00	38.67 0.33 0.00	40.75 0.41 0.00	44.94 0.59 0.00	49.91 0.87 0.00	51.05 0.78 0.00	53.61 0.71 0.00	38.16 0.37 0.00	33.34 0.27 0.00	32.94 0.31 0.00	30.52 0.26 0.00	32.40 0.29 0.00	30.37 0.18 0.00	37.28 0.27 0.00	43.58 0.45 0.00	36.45 0.63 0.00	37.67 0.76 0.00	56.77 1.00 0.00	54.73 1.06 0.00	50.33 0.91 0.00	34.73 0.59 0.00	30.59 0.35 0.00
W.BABYLN_69_KV_BK1 56697	61.71 5.10 -3.97	56.36 5.34 0.00	47.40 4.36 0.00	41.91 3.58 0.00	43.86 3.53 0.00	48.28 3.94 0.00	53.60 4.56 0.00	55.24 4.96 0.00	58.25 5.35 0.00	41.83 4.04 0.00	40.13 3.88 -3.18	99.33 3.99 -62.71	45.65 3.75 -11.64	53.68 4.04 -17.53	80.74 3.87 -46.68	54.43 4.73 -12.68	51.13 5.59 -2.41	40.01 4.19 0.00	41.06 4.14 0.00	61.58 5.81 0.00	83.07 5.39 -24.00	54.41 4.99 0.00	37.32 3.18 0.00	33.28 3.03 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	60.99 4.28 -4.08	54.92 3.90 0.00	46.13 3.08 0.00	40.89 2.55 0.00	42.87 2.53 0.00	47.14 2.79 0.00	52.33 3.29 0.00	54.04 3.77 0.00	56.97 4.07 0.00	40.79 3.00 0.00	32.08 2.81 3.80	34.66 2.78 0.75	25.17 2.66 7.75	34.87 2.83 0.06	30.97 2.70 1.92	40.34 3.31 0.00	47.03 3.90 0.00	38.82 3.01 0.00	39.79 2.88 0.00	59.81 4.04 0.00	57.58 3.90 0.00	52.95 3.54 0.00	36.52 2.38 0.00	32.34 2.10 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	61.00 4.39 -3.97	55.04 4.02 0.00	46.22 3.17 0.00	40.93 2.60 0.00	42.90 2.57 0.00	47.17 2.83 0.00	52.46 3.42 0.00	54.25 3.97 0.00	57.23 4.33 0.00	41.01 3.22 0.00	38.40 3.05 -2.28	36.12 3.04 -0.45	37.82 2.92 -4.64	35.29 3.14 -0.04	34.34 2.99 -1.15	40.65 3.63 0.00	47.36 4.23 0.00	39.10 3.29 0.00	39.99 3.08 0.00	60.05 4.28 0.00	57.74 4.06 0.00	53.08 3.67 0.00	36.63 2.49 0.00	32.49 2.24 0.00
W50THST__13_KV_LOAD 356117	61.29 4.69 -3.97	55.33 4.31 0.00	46.45 3.40 0.00	41.12 2.78 0.00	43.10 2.77 0.00	47.40 3.05 0.00	52.75 3.71 0.00	54.59 4.32 0.00	57.61 4.72 0.00	41.30 3.51 0.00	38.65 3.31 -2.28	36.37 3.29 -0.45	38.06 3.16 -4.64	35.54 3.39 -0.04	34.58 3.24 -1.15	40.94 3.93 0.00	47.70 4.57 0.00	39.39 3.57 0.00	40.27 3.36 0.00	60.43 4.66 0.00	58.06 4.39 0.00	53.37 3.96 0.00	36.80 2.67 0.00	32.64 2.40 0.00
WADING RIVER_IC_1 23522	60.95 4.35 -3.97	55.81 4.79 0.00	46.43 3.38 0.00	41.17 2.84 0.00	43.02 2.69 0.00	47.43 3.09 0.00	52.78 3.74 0.00	54.25 3.98 0.00	56.66 3.76 0.00	40.87 3.08 0.00	39.33 3.08 -3.18	98.90 3.56 -62.71	45.14 3.25 -11.64	53.61 3.96 -17.53	80.84 3.96 -46.68	54.74 5.04 -12.68	51.66 6.12 -2.42	40.38 4.57 0.00	41.05 4.14 0.00	61.24 5.46 -0.01	227.15 5.05 -168.43	53.85 4.43 0.00	36.87 2.74 0.00	33.13 2.89 0.00
WADING RIVER_IC_2 23547	60.95 4.35 -3.97	55.81 4.79 0.00	46.43 3.38 0.00	41.17 2.84 0.00	43.02 2.69 0.00	47.43 3.09 0.00	52.78 3.74 0.00	54.25 3.98 0.00	56.66 3.76 0.00	40.87 3.08 0.00	39.33 3.08 -3.18	98.90 3.56 -62.71	45.14 3.25 -11.64	53.61 3.96 -17.53	80.84 3.96 -46.68	54.74 5.04 -12.68	51.66 6.12 -2.42	40.38 4.57 0.00	41.05 4.14 0.00	61.24 5.46 -0.01	227.15 5.05 -168.43	53.85 4.43 0.00	36.87 2.74 0.00	33.13 2.89 0.00
WADING RIVER_IC_3 23601	60.95 4.35 -3.97	55.81 4.79 0.00	46.43 3.38 0.00	41.17 2.84 0.00	43.02 2.69 0.00	47.43 3.09 0.00	52.78 3.74 0.00	54.25 3.98 0.00	56.66 3.76 0.00	40.87 3.08 0.00	39.33 3.08 -3.18	98.90 3.56 -62.71	45.14 3.25 -11.64	53.61 3.96 -17.53	80.84 3.96 -46.68	54.74 5.04 -12.68	51.66 6.12 -2.42	40.38 4.57 0.00	41.05 4.14 0.00	61.24 5.46 -0.01	227.15 5.05 -168.43	53.85 4.43 0.00	36.87 2.74 0.00	33.13 2.89 0.00
WALDENNY_12_KV_BK2 80841	31.98 -4.12 16.53	47.20 -3.83 0.00	39.79 -3.25 0.00	35.64 -2.69 0.00	37.49 -2.85 0.00	41.42 -2.93 0.00	45.61 -3.44 0.00	44.61 -3.67 2.00	25.25 -4.07 23.58	17.28 -3.38 17.12	29.09 -3.17 0.80	29.61 -3.01 0.00	27.20 -2.86 0.20	29.39 -2.72 0.00	27.42 -2.79 0.00	33.21 -3.18 0.63	31.29 -3.60 8.24	32.72 -2.84 0.25	33.85 -2.98 0.08	33.91 -4.28 17.58	29.28 -3.87 20.52	39.76 -3.69 5.96	29.76 -2.57 1.80	26.04 -2.23 1.98
WALDEN___HYDRO 24148	60.82 4.06 -4.12	54.73 3.71 0.00	45.99 2.95 0.00	40.79 2.45 0.00	42.77 2.44 0.00	47.03 2.68 0.00	52.18 3.14 0.00	53.86 3.58 0.00	56.76 3.86 0.00	40.60 2.82 0.00	34.55 2.62 1.14	35.01 2.61 0.23	30.41 2.48 2.32	34.73 2.63 0.02	32.11 2.48 0.58	40.04 3.03 0.00	46.76 3.63 0.00	38.66 2.85 0.00	39.67 2.76 0.00	59.65 3.88 0.00	57.46 3.79 0.00	52.84 3.42 0.00	36.44 2.31 0.00	32.25 2.00 0.00
WARRENSBURG____ 23737	57.12 3.37 -1.11	54.33 3.31 0.00	45.66 2.62 0.00	40.69 2.35 0.00	42.84 2.50 0.00	47.05 2.70 0.00	51.96 2.92 0.00	53.37 3.09 0.00	55.84 2.95 0.00	39.83 2.04 0.00	34.67 1.60 0.00	34.13 1.50 0.00	31.69 1.43 0.00	33.54 1.43 0.00	31.61 1.41 0.00	39.07 2.05 0.00	45.61 2.48 0.00	37.84 2.03 0.00	38.95 2.03 0.00	59.07 3.30 0.00	57.24 3.56 0.00	52.76 3.35 0.00	36.39 2.26 0.00	32.16 1.91 0.00

WATERSIDE___6 8 9 23538	60.86 4.26 -3.97	54.94 3.93 0.00	46.15 3.10 0.00	40.85 2.52 0.00	42.83 2.49 0.00	47.09 2.75 0.00	52.38 3.34 0.00	54.18 3.90 0.00	57.12 4.22 0.00	40.95 3.17 0.00	38.32 2.98 -2.27	36.05 2.98 -0.45	37.75 2.85 -4.64	35.24 3.08 -0.04	34.28 2.94 -1.15	40.56 3.54 0.00	47.28 4.15 0.00	39.02 3.21 0.00	39.92 3.00 0.00	59.94 4.17 0.00	57.61 3.94 0.00	53.01 3.59 0.00	36.61 2.48 0.00	32.51 2.26 0.00
WATKINRD_115KV_LN8_ILLION 55919	55.88 3.24 0.00	54.60 3.58 0.00	46.10 3.06 0.00	41.03 2.70 0.00	43.18 2.85 0.00	47.30 2.95 0.00	51.83 2.79 0.00	52.91 2.64 0.00	54.97 2.07 0.00	39.99 2.21 0.00	34.67 1.60 0.00	33.93 1.31 0.00	31.13 0.87 0.00	33.12 1.01 0.00	31.28 1.08 0.00	38.15 1.14 0.00	44.69 1.56 0.00	37.04 1.23 0.00	38.02 1.11 0.00	58.26 2.48 0.00	56.95 3.27 0.00	52.56 3.14 0.00	36.44 2.31 0.00	32.11 1.87 0.00
WDELAWARE___HYD 323627	60.59 2.99 -4.97	53.71 2.69 0.00	45.15 2.11 0.00	40.04 1.71 0.00	42.01 1.68 0.00	46.22 1.87 0.00	51.43 2.39 0.00	54.06 3.79 0.00	56.91 4.01 0.00	40.66 2.88 0.00	34.76 2.65 0.97	35.06 2.62 0.19	30.77 2.48 1.97	34.64 2.54 0.02	31.65 1.94 0.49	39.44 2.42 0.00	46.11 2.97 0.00	38.26 2.44 0.00	39.32 2.40 0.00	59.21 3.44 0.00	56.99 3.32 0.00	52.33 2.92 0.00	36.06 1.92 0.00	31.90 1.65 0.00
WEST BABYLON___IC 23714	61.71 5.10 -3.97	56.36 5.34 0.00	47.40 4.36 0.00	41.91 3.58 0.00	43.86 3.53 0.00	48.28 3.94 0.00	53.60 4.56 0.00	55.24 4.96 0.00	58.25 5.35 0.00	41.83 4.04 0.00	40.13 3.88 -3.18	99.33 3.99 -62.71	45.65 3.75 -11.64	53.68 4.04 -17.53	80.74 3.87 -46.68	54.43 4.73 -12.68	51.13 5.59 -2.41	40.01 4.19 0.00	41.06 4.14 0.00	61.58 5.81 0.00	83.07 5.39 -24.00	54.41 4.99 0.00	37.32 3.18 0.00	33.28 3.03 0.00
WEST CANADA___HYD 24049	52.96 0.33 0.00	51.34 0.32 0.00	43.31 0.26 0.00	38.57 0.23 0.00	40.58 0.24 0.00	44.59 0.24 0.00	49.29 0.25 0.00	50.53 0.25 0.00	53.14 0.24 0.00	37.98 0.19 0.00	33.23 0.16 0.00	32.77 0.14 0.00	30.41 0.15 0.00	32.26 0.15 0.00	30.35 0.15 0.00	37.20 0.18 0.00	43.32 0.19 0.00	35.95 0.13 0.00	37.04 0.12 0.00	55.97 0.20 0.00	53.95 0.27 0.00	49.67 0.25 0.00	34.34 0.21 0.00	30.43 0.18 0.00
WESTERN_NY_WIND 24143	36.34 -3.02 13.28	48.10 -2.92 0.00	40.53 -2.51 0.00	36.25 -2.09 0.00	38.13 -2.20 0.00	42.23 -2.11 0.00	46.55 -2.50 0.00	46.44 -2.73 1.10	36.42 -3.36 13.13	25.23 -3.03 9.53	29.59 -3.03 0.45	29.70 -2.93 0.00	27.29 -2.86 0.11	29.30 -2.82 0.00	27.38 -2.82 0.00	31.16 -3.27 2.58	5.85 -3.63 33.66	31.87 -2.91 1.04	33.95 -2.83 0.13	42.48 -3.53 9.76	39.59 -2.69 11.39	43.52 -2.59 3.31	31.32 -1.82 1.00	27.55 -1.60 1.10
WESTOVER___LESR 323668	85.58 -0.43 -33.38	50.91 -0.11 0.00	42.96 -0.09 0.00	38.29 -0.05 0.00	40.35 0.02 0.00	44.40 0.05 0.00	49.09 0.05 0.00	50.58 0.07 -0.23	55.79 0.18 -2.71	39.79 0.02 -1.98	33.16 0.00 -0.09	32.64 0.01 0.00	30.27 -0.02 -0.02	32.23 0.12 0.00	30.19 -0.01 0.00	37.02 0.09 0.46	42.08 0.16 6.04	35.84 0.07 0.19	36.99 0.07 0.16	58.22 0.42 44.29	56.54 0.49 51.69	50.55 0.44 15.01	34.58 0.24 4.54	30.69 0.21 4.98
WETHRSFD_WT_PWR 323626	27.39 -3.90 21.34	47.60 -3.42 0.00	40.20 -2.85 0.00	36.00 -2.34 0.00	37.91 -2.42 0.00	41.80 -2.55 0.00	46.01 -3.03 0.00	41.78 -3.45 5.04	-10.25 -4.00 59.15	-8.54 -3.35 42.98	27.93 -3.13 2.01	29.63 -2.99 0.01	26.91 -2.84 0.51	29.41 -2.70 0.00	27.45 -2.75 0.00	33.41 -3.15 0.46	33.53 -3.56 6.04	32.72 -2.90 0.19	33.86 -2.90 0.16	7.87 -3.62 44.29	-1.21 -3.20 51.69	31.32 -3.09 15.01	27.32 -2.28 4.54	23.28 -1.99 4.98
WHAVSTOR_138KV_BK127 55557	60.73 4.03 -4.07	54.67 3.65 0.00	45.94 2.89 0.00	40.73 2.39 0.00	42.69 2.36 0.00	46.95 2.60 0.00	52.11 3.07 0.00	53.79 3.52 0.00	56.70 3.81 0.00	40.60 2.81 0.00	31.86 2.65 3.85	34.49 2.63 0.77	24.90 2.51 7.86	34.71 2.66 0.07	30.79 2.55 1.95	40.13 3.12 0.00	46.81 3.68 0.00	38.64 2.82 0.00	39.60 2.69 0.00	59.51 3.74 0.00	57.30 3.62 0.00	52.69 3.28 0.00	36.36 2.22 0.00	32.21 1.97 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	60.73 4.03 -4.07	54.67 3.65 0.00	45.94 2.89 0.00	40.73 2.39 0.00	42.69 2.36 0.00	46.95 2.60 0.00	52.11 3.07 0.00	53.79 3.52 0.00	56.70 3.81 0.00	40.60 2.81 0.00	31.86 2.65 3.85	34.49 2.63 0.77	24.90 2.51 7.86	34.71 2.66 0.07	30.79 2.55 1.95	40.13 3.12 0.00	46.81 3.68 0.00	38.64 2.82 0.00	39.60 2.69 0.00	59.51 3.74 0.00	57.30 3.62 0.00	52.69 3.28 0.00	36.36 2.22 0.00	32.21 1.97 0.00
WHITEHAL_115KV_TB1 80871	57.92 4.18 -1.11	55.12 4.10 0.00	46.15 3.10 0.00	41.21 2.87 0.00	43.47 3.13 0.00	47.72 3.38 0.00	52.65 3.61 0.00	54.37 4.09 0.00	56.89 3.99 0.00	40.42 2.63 0.00	34.93 1.86 0.00	34.40 1.77 0.00	32.13 1.87 0.00	33.97 1.86 0.00	31.93 1.73 0.00	39.97 2.95 0.00	46.69 3.56 0.00	38.80 2.99 0.00	39.85 2.94 0.00	60.08 4.31 0.00	58.51 4.83 0.00	53.84 4.43 0.00	37.17 3.03 0.00	32.66 2.42 0.00
WHITEPLN_13_KV_LOAD 356215	61.31 4.70 -3.97	55.33 4.31 0.00	46.48 3.43 0.00	41.18 2.84 0.00	43.16 2.83 0.00	47.45 3.10 0.00	52.71 3.67 0.00	54.48 4.20 0.00	57.43 4.53 0.00	41.13 3.35 0.00	38.56 3.12 -2.37	36.20 3.11 -0.47	38.05 2.95 -4.84	35.30 3.15 -0.04	34.39 2.99 -1.20	40.68 3.66 0.00	47.44 4.31 0.00	39.20 3.39 0.00	40.15 3.23 0.00	60.31 4.54 0.00	58.04 4.37 0.00	53.36 3.95 0.00	36.78 2.65 0.00	32.60 2.35 0.00
WM_FLOYD_69_KV_BK2 356380	61.41 4.81 -3.97	56.24 5.22 0.00	46.87 3.82 0.00	41.52 3.18 0.00	43.41 3.07 0.00	47.86 3.51 0.00	53.23 4.19 0.00	54.73 4.45 0.00	57.31 4.41 0.00	41.27 3.49 0.00	39.66 3.41 -3.18	99.16 3.83 -62.71	45.45 3.55 -11.64	53.86 4.22 -17.53	81.05 4.17 -46.68	54.93 5.24 -12.68	51.86 6.31 -2.42	40.54 4.73 0.00	41.23 4.32 0.00	61.54 5.77 -0.01	217.70 5.33 -158.69	54.18 4.77 0.00	37.16 3.02 0.00	33.29 3.05 0.00
WOODARD__115KV_TB2 355635	48.53 -0.91 3.20	50.19 -0.83 0.00	42.32 -0.73 0.00	37.71 -0.63 0.00	39.70 -0.63 0.00	43.71 -0.64 0.00	48.35 -0.69 0.00	49.56 -0.72 0.00	52.06 -0.84 0.00	37.09 -0.69 0.00	32.42 -0.65 0.00	31.96 -0.66 0.00	29.62 -0.64 0.00	31.47 -0.64 0.00	29.55 -0.64 0.00	36.27 -0.74 0.00	42.25 -0.89 0.00	35.01 -0.81 0.00	36.18 -0.73 0.00	54.83 -0.94 0.00	52.86 -0.81 0.00	48.69 -0.73 0.00	33.63 -0.51 0.00	29.84 -0.41 0.00
YORK___WARBASSE 23770	61.04 4.44 -3.97	55.17 4.15 0.00	46.30 3.26 0.00	41.00 2.67 0.00	42.98 2.65 0.00	47.23 2.89 0.00	52.52 3.48 0.00	54.32 4.04 0.00	57.26 4.35 0.00	41.04 3.25 0.00	38.40 3.06 -2.27	36.13 3.06 -0.45	37.86 2.97 -4.64	35.38 3.23 -0.04	34.42 3.07 -1.15	40.73 3.71 0.00	47.53 4.40 0.00	39.21 3.39 0.00	40.10 3.18 0.00	60.26 4.49 0.00	57.88 4.20 0.00	53.28 3.86 0.00	36.82 2.68 0.00	32.67 2.42 0.00