

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/27/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	39.46	36.75	39.58	39.02	39.94	40.01	44.59	53.28	48.11	43.68	45.88	49.65	44.46	44.33	43.46	51.92	50.84	60.02	51.59	64.16	60.09	47.72	47.47	41.63
24138	1.51	1.35	1.32	1.28	1.26	1.34	1.70	2.31	2.10	1.98	2.09	2.60	2.47	2.49	2.40	2.80	2.88	3.36	3.12	3.39	3.20	2.49	2.46	2.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	39.62	36.89	39.75	39.20	40.11	40.20	44.80	53.52	48.31	43.87	46.08	49.81	44.60	44.47	43.56	52.08	51.00	60.18	51.74	64.34	60.26	47.85	47.60	41.75
24260	1.67	1.49	1.50	1.45	1.43	1.53	1.91	2.54	2.30	2.18	2.29	2.76	2.61	2.64	2.50	2.96	3.04	3.52	3.26	3.57	3.37	2.62	2.59	2.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	39.62	36.89	39.75	39.20	40.11	40.20	44.80	53.52	48.31	43.87	46.08	49.81	44.60	44.47	43.56	52.08	51.00	60.18	51.74	64.34	60.26	47.85	47.60	41.75
24261	1.67	1.49	1.50	1.45	1.43	1.53	1.91	2.54	2.30	2.18	2.29	2.76	2.61	2.64	2.50	2.96	3.04	3.52	3.26	3.57	3.37	2.62	2.59	2.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	40.20	37.49	40.69	40.15	41.15	41.11	45.91	54.45	49.18	44.61	46.79	50.12	44.74	44.85	43.97	52.70	51.55	61.17	52.39	65.48	61.28	48.70	49.01	43.22
24011	2.25	2.09	2.43	2.40	2.47	2.44	3.02	3.47	3.17	2.92	3.01	3.09	2.75	3.02	2.90	3.59	3.59	4.52	3.91	4.71	4.38	3.46	4.00	3.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.39	37.66	40.94	40.41	41.39	41.30	46.23	54.76	49.44	44.85	47.10	50.37	44.99	45.16	44.30	53.09	51.92	61.69	52.83	66.07	61.81	49.08	49.36	43.58
23798	2.44	2.26	2.68	2.66	2.71	2.63	3.34	3.78	3.43	3.15	3.31	3.33	2.99	3.33	3.24	3.97	3.97	5.03	4.35	5.29	4.92	3.85	4.34	4.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.20	37.49	40.69	40.15	41.15	41.11	45.91	54.45	49.18	44.61	46.79	50.12												

ALBANY___2 23572	38.49 0.54 0.00	35.90 0.50 0.00	38.78 0.52 0.00	38.27 0.52 0.00	39.17 0.49 0.00	39.07 0.40 0.00	43.06 0.17 0.00	51.09 0.11 0.00	46.18 0.17 0.00	41.94 0.24 0.00	44.02 0.24 0.00	47.26 0.22 0.00	42.23 0.24 0.00	42.16 0.33 0.00	41.34 0.28 0.00	49.47 0.35 0.00	48.51 0.56 0.00	57.36 0.70 0.00	49.22 0.75 0.00	61.42 0.64 0.00	57.56 0.66 0.00	45.75 0.51 0.00	45.53 0.52 0.00	40.07 0.52 0.00
ALBANY___3 23573	38.49 0.54 0.00	35.90 0.50 0.00	38.78 0.52 0.00	38.27 0.52 0.00	39.17 0.49 0.00	39.07 0.40 0.00	43.06 0.17 0.00	51.09 0.11 0.00	46.18 0.17 0.00	41.94 0.24 0.00	44.02 0.24 0.00	47.26 0.22 0.00	42.23 0.24 0.00	42.16 0.33 0.00	41.34 0.28 0.00	49.47 0.35 0.00	48.51 0.56 0.00	57.36 0.70 0.00	49.22 0.75 0.00	61.42 0.64 0.00	57.56 0.66 0.00	45.75 0.51 0.00	45.53 0.52 0.00	40.07 0.52 0.00
ALBANY___4 23574	38.49 0.54 0.00	35.90 0.50 0.00	38.78 0.52 0.00	38.27 0.52 0.00	39.17 0.49 0.00	39.07 0.40 0.00	43.06 0.17 0.00	51.09 0.11 0.00	46.18 0.17 0.00	41.94 0.24 0.00	44.02 0.24 0.00	47.26 0.22 0.00	42.23 0.24 0.00	42.16 0.33 0.00	41.34 0.28 0.00	49.47 0.35 0.00	48.51 0.56 0.00	57.36 0.70 0.00	49.22 0.75 0.00	61.42 0.64 0.00	57.56 0.66 0.00	45.75 0.51 0.00	45.53 0.52 0.00	40.07 0.52 0.00
ALBANY___LFGE 323615	38.80 0.84 0.00	36.19 0.79 0.00	39.09 0.84 0.00	38.58 0.82 0.00	39.50 0.82 0.00	39.42 0.75 0.00	43.50 0.62 0.00	51.65 0.67 0.00	46.70 0.69 0.00	42.40 0.70 0.00	44.50 0.72 0.00	47.80 0.76 0.00	42.70 0.71 0.00	42.62 0.78 0.00	41.81 0.75 0.00	50.02 0.90 0.00	49.04 1.08 0.00	57.98 1.32 0.00	49.75 1.28 0.00	62.07 1.29 0.00	58.16 1.26 0.00	46.21 0.97 0.00	45.99 0.97 0.00	40.45 0.91 0.00
ALCOA_PA_115KV_PL-6C 55860	38.82 0.87 0.00	36.23 0.83 0.00	39.27 1.02 0.00	39.11 1.36 0.00	40.11 1.43 0.00	40.07 1.40 0.00	44.34 1.45 0.00	52.65 1.68 0.00	47.47 1.46 0.00	42.96 1.27 0.00	45.17 1.39 0.00	48.46 1.42 0.00	43.39 1.40 0.00	43.18 1.34 0.00	42.39 1.33 0.00	50.71 1.59 0.00	49.29 1.34 0.00	57.99 1.33 0.00	49.16 0.69 0.00	62.10 1.32 0.00	58.19 1.29 0.00	46.31 1.08 0.00	46.09 1.08 0.00	40.56 1.02 0.00
ALCOA_RYNLDS___DRP 24188	38.82 0.87 0.00	36.23 0.83 0.00	39.27 1.02 0.00	39.11 1.36 0.00	40.11 1.43 0.00	40.07 1.40 0.00	44.34 1.45 0.00	52.65 1.68 0.00	47.47 1.46 0.00	42.96 1.27 0.00	45.17 1.39 0.00	48.46 1.42 0.00	43.39 1.40 0.00	43.18 1.34 0.00	42.39 1.33 0.00	50.71 1.59 0.00	49.29 1.34 0.00	57.99 1.33 0.00	49.16 0.69 0.00	62.10 1.32 0.00	58.19 1.29 0.00	46.31 1.08 0.00	46.09 1.08 0.00	40.56 1.02 0.00
ALCOA___DSASP 323711	38.82 0.87 0.00	36.23 0.83 0.00	39.27 1.02 0.00	39.12 1.36 0.00	40.11 1.43 0.00	40.07 1.40 0.00	44.34 1.45 0.00	52.65 1.68 0.00	47.47 1.46 0.00	42.96 1.27 0.00	45.17 1.39 0.00	48.46 1.42 0.00	43.39 1.40 0.00	43.17 1.34 0.00	42.39 1.33 0.00	50.71 1.59 0.00	49.29 1.34 0.00	57.99 1.33 0.00	49.16 0.69 0.00	62.10 1.32 0.00	58.19 1.29 0.00	46.31 1.08 0.00	46.09 1.07 0.00	40.56 1.01 0.00
ALLEGHENY___COGEN 23514	37.66 -0.29 0.00	35.11 -0.29 0.00	37.86 -0.39 0.00	37.34 -0.41 0.00	38.15 -0.53 0.00	38.06 -0.61 0.00	42.40 -0.49 0.00	50.22 -0.76 0.00	45.47 -0.54 0.00	40.91 -0.78 0.00	42.75 -1.03 0.00	45.28 -1.76 0.00	38.85 -1.82 1.32	40.59 -1.92 -0.68	39.33 -1.89 -0.16	46.77 -2.35 0.00	40.01 -1.95 6.00	56.89 -1.69 -1.92	51.95 -1.11 -4.59	59.87 -0.90 0.00	55.63 -1.26 0.00	44.49 -0.74 0.00	44.39 -0.62 0.00	38.80 -0.75 0.00
ALTAMONT_115KV_TB 2 55880	38.68 0.73 0.00	36.05 0.65 0.00	38.96 0.71 0.00	38.43 0.68 0.00	39.37 0.69 0.00	39.33 0.66 0.00	43.59 0.70 0.00	51.80 0.82 0.00	46.79 0.78 0.00	42.44 0.74 0.00	44.55 0.76 0.00	47.88 0.84 0.00	42.75 0.76 0.00	42.64 0.80 0.00	41.82 0.75 0.00	50.04 0.93 0.00	49.01 1.05 0.00	57.97 1.31 0.00	49.72 1.25 0.00	62.12 1.35 0.00	58.20 1.31 0.00	46.24 1.00 0.00	46.03 1.02 0.00	40.44 0.90 0.00
ALTONA_WT_PWR 323606	39.43 1.48 0.00	36.92 1.52 0.00	40.45 2.19 0.00	39.69 1.94 0.00	40.61 1.93 0.00	40.45 1.78 0.00	44.65 1.76 0.00	52.81 1.83 0.00	47.29 1.28 0.00	42.59 0.90 0.00	45.30 1.52 0.00	48.51 1.47 0.00	43.75 1.76 0.00	43.65 1.82 0.00	42.87 1.80 0.00	50.93 1.81 0.00	49.17 1.22 0.00	56.25 -0.40 0.00	47.18 -1.29 0.00	59.44 -1.33 0.00	55.93 -0.96 0.00	44.29 -0.94 0.00	44.19 -0.83 0.00	39.30 -0.24 0.00
AMERICAN_REF_FUEL 24010	34.51 -3.44 0.00	32.28 -3.12 0.00	34.87 -3.39 0.00	34.35 -3.40 0.00	35.20 -3.48 0.00	35.08 -3.59 0.00	38.53 -4.36 0.00	45.35 -5.63 0.00	41.26 -4.75 0.00	37.41 -4.28 0.00	39.07 -4.71 0.00	41.78 -5.26 0.00	36.16 -5.00 0.84	36.48 -5.15 0.21	35.19 -4.97 0.91	43.12 -5.99 0.00	38.21 -6.03 3.72	49.15 -7.07 0.43	41.24 -6.21 1.02	53.53 -7.24 0.00	49.83 -7.06 0.00	40.11 -5.12 0.00	40.22 -4.80 0.00	35.43 -4.11 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.15 -1.79 0.00	33.75 -1.64 0.00	36.50 -1.76 0.00	35.58 -2.17 0.00	35.89 -2.79 0.00	35.85 -2.82 0.00	39.68 -3.21 0.00	47.16 -3.82 0.00	42.55 -3.46 0.00	38.51 -3.18 0.00	39.95 -3.84 0.00	42.94 -4.10 0.00	37.22 -3.73 1.04	38.20 -3.40 0.23	36.47 -3.52 1.08	45.34 -3.77 0.00	39.15 -4.08 4.72	51.67 -4.55 0.44	43.53 -3.91 1.04	56.35 -4.42 0.00	52.82 -4.07 0.00	42.54 -2.69 0.00	42.58 -2.43 0.00	37.13 -2.41 0.00
ARTHUR KILL_GT_1 23520	70.15 1.67 -30.53	57.39 1.47 -20.52	57.88 1.52 -18.10	39.21 1.46 0.00	40.13 1.45 0.00	46.10 1.58 -5.85	91.26 1.93 -46.44	110.20 2.56 -56.67	82.16 2.33 -33.82	112.65 2.20 -68.76	114.92 2.32 -68.82	114.89 2.78 -65.07	114.91 2.61 -70.30	114.92 2.65 -70.44	114.93 2.52 -71.35	114.92 2.94 -62.86	114.15 2.92 -63.27	113.42 3.34 -53.42	78.33 3.00 -26.86	88.64 3.30 -24.56	83.35 3.17 -23.29	115.12 2.65 -67.23	115.16 2.64 -67.51	71.31 2.16 -29.60
ARTHUR_KILL_2 23512	70.05 1.57 -30.53	57.30 1.38 -20.52	57.76 1.41 -18.10	39.10 1.35 0.00	40.04 1.35 0.00	45.98 1.46 -5.85	91.13 1.80 -46.44	110.05 2.41 -56.67	82.02 2.19 -33.82	112.53 2.08 -68.76	114.80 2.19 -68.82	114.76 2.65 -65.07	114.79 2.49 -70.30	114.80 2.52 -70.44	114.81 2.40 -71.35	114.77 2.79 -62.86	114.01 2.78 -63.27	113.24 3.17 -53.42	78.19 2.86 -26.86	88.45 3.11 -24.56	83.17 2.99 -23.29	114.98 2.52 -67.23	115.03 2.50 -67.51	71.19 2.04 -29.60
ARTHUR_KILL_3 23513	58.00 1.22 -18.83	57.53 1.08 -21.06	57.70 1.04 -18.40	38.76 1.01 0.00	39.67 0.99 0.00	45.57 1.05 -5.85	68.83 1.34 -24.59	62.74 1.87 -9.89	58.13 1.69 -10.43	58.08 1.60 -14.79	58.09 1.66 -12.64	57.83 2.10 -8.68	57.83 2.04 -13.80	57.83 2.05 -13.95	57.83 1.95 -14.82	57.85 2.27 -6.47	57.83 2.38 -7.49	59.73 2.74 -0.34	59.76 2.65 -8.64	63.20 2.74 0.32	59.45 2.62 0.06	57.93 2.02 -10.67	57.66 2.02 -10.63	57.97 1.74 -16.69

ARTHUR_KILL_COGEN 323718	70.15 1.67 -30.53	57.39 1.47 -20.52	57.88 1.52 -18.10	39.21 1.46 0.00	40.13 1.45 0.00	46.10 1.58 -5.85	91.26 1.93 -46.44	110.20 2.56 -56.67	82.16 2.33 -33.82	112.65 2.20 -68.76	114.92 2.32 -68.82	114.89 2.78 -65.07	114.91 2.61 -70.30	114.92 2.65 -70.44	114.93 2.52 -71.35	114.92 2.94 -62.86	114.15 2.92 -63.27	113.42 3.34 -53.42	78.33 3.00 -26.86	88.64 3.30 -24.56	83.35 3.17 -23.29	115.12 2.65 -67.23	115.16 2.64 -67.51	71.31 2.16 -29.60
ASHOKAN____ 23654	39.99 2.04 0.00	37.24 1.84 0.00	40.22 1.97 0.00	39.71 1.96 0.00	40.70 2.02 0.00	40.74 2.07 0.00	45.31 2.42 0.00	54.02 3.05 0.00	48.90 2.89 0.00	44.38 2.69 0.00	46.50 2.72 0.00	49.92 2.88 0.00	44.48 2.48 0.00	44.48 2.65 0.00	43.47 2.40 0.00	51.67 2.56 0.00	50.90 2.95 0.00	60.53 3.88 0.00	52.09 3.62 0.00	64.99 4.21 0.00	60.79 3.89 0.00	48.21 2.98 0.00	47.85 2.84 0.00	41.95 2.40 0.00
ASTORIA_EAST_ENERGY_CC1 323581	39.39 1.44 0.00	36.67 1.27 -0.01	39.36 1.10 0.00	38.90 1.15 0.00	39.82 1.14 0.00	39.87 1.20 0.00	44.42 1.53 0.00	53.07 2.09 0.00	47.96 1.95 0.00	43.45 1.76 0.00	45.66 1.88 0.00	49.35 2.31 0.00	44.19 2.20 0.00	44.07 2.23 0.00	43.18 2.12 0.00	51.62 2.50 0.00	50.53 2.57 0.00	59.55 2.89 0.00	51.29 2.82 0.00	63.76 2.98 0.00	59.78 2.88 0.00	47.56 2.33 0.00	47.27 2.26 0.00	41.48 1.93 0.00
ASTORIA_EAST_ENERGY_CC2 323582	39.39 1.44 0.00	36.67 1.27 -0.01	39.36 1.10 0.00	38.90 1.15 0.00	39.82 1.14 0.00	39.87 1.20 0.00	44.42 1.53 0.00	53.07 2.09 0.00	47.96 1.95 0.00	43.45 1.76 0.00	45.66 1.88 0.00	49.35 2.31 0.00	44.19 2.20 0.00	44.07 2.23 0.00	43.18 2.12 0.00	51.62 2.50 0.00	50.53 2.57 0.00	59.55 2.89 0.00	51.29 2.82 0.00	63.76 2.98 0.00	59.78 2.88 0.00	47.56 2.33 0.00	47.27 2.26 0.00	41.48 1.93 0.00
ASTORIA_GT2_1 24094	39.39 1.44 0.00	36.69 1.28 -0.01	39.37 1.12 0.00	38.92 1.17 0.00	39.84 1.16 0.00	39.89 1.22 0.00	44.44 1.55 0.00	53.09 2.12 0.00	47.98 1.97 0.00	43.47 1.78 0.00	45.69 1.90 0.00	49.39 2.35 0.00	44.21 2.21 0.00	44.09 2.26 0.00	43.19 2.13 0.00	51.64 2.53 0.00	50.55 2.60 0.00	59.59 2.93 0.00	51.31 2.84 0.00	63.79 3.02 0.00	59.82 2.93 0.00	47.59 2.36 0.00	47.29 2.28 0.00	41.50 1.95 0.00
ASTORIA_GT2_2 24095	39.39 1.44 0.00	36.69 1.28 -0.01	39.37 1.12 0.00	38.92 1.17 0.00	39.84 1.16 0.00	39.89 1.22 0.00	44.44 1.55 0.00	53.09 2.12 0.00	47.98 1.97 0.00	43.47 1.78 0.00	45.69 1.90 0.00	49.39 2.35 0.00	44.21 2.21 0.00	44.09 2.26 0.00	43.19 2.13 0.00	51.64 2.53 0.00	50.55 2.60 0.00	59.59 2.93 0.00	51.31 2.84 0.00	63.79 3.02 0.00	59.82 2.93 0.00	47.59 2.36 0.00	47.29 2.28 0.00	41.50 1.95 0.00
ASTORIA_GT2_3 24096	39.39 1.44 0.00	36.69 1.28 -0.01	39.37 1.12 0.00	38.92 1.17 0.00	39.84 1.16 0.00	39.89 1.22 0.00	44.44 1.55 0.00	53.09 2.12 0.00	47.98 1.97 0.00	43.47 1.78 0.00	45.69 1.90 0.00	49.39 2.35 0.00	44.21 2.21 0.00	44.09 2.26 0.00	43.19 2.13 0.00	51.64 2.53 0.00	50.55 2.60 0.00	59.59 2.93 0.00	51.31 2.84 0.00	63.79 3.02 0.00	59.82 2.93 0.00	47.59 2.36 0.00	47.29 2.28 0.00	41.50 1.95 0.00
ASTORIA_GT2_4 24097	39.39 1.44 0.00	36.69 1.28 -0.01	39.37 1.12 0.00	38.92 1.17 0.00	39.84 1.16 0.00	39.89 1.22 0.00	44.44 1.55 0.00	53.09 2.12 0.00	47.98 1.97 0.00	43.47 1.78 0.00	45.69 1.90 0.00	49.39 2.35 0.00	44.21 2.21 0.00	44.09 2.26 0.00	43.19 2.13 0.00	51.64 2.53 0.00	50.55 2.60 0.00	59.59 2.93 0.00	51.31 2.84 0.00	63.79 3.02 0.00	59.82 2.93 0.00	47.59 2.36 0.00	47.29 2.28 0.00	41.50 1.95 0.00
ASTORIA_GT3_1 24098	39.39 1.44 0.00	36.69 1.28 -0.01	39.37 1.12 0.00	38.92 1.17 0.00	39.84 1.16 0.00	39.89 1.22 0.00	44.44 1.55 0.00	53.09 2.12 0.00	47.98 1.97 0.00	43.47 1.78 0.00	45.69 1.90 0.00	49.39 2.35 0.00	44.21 2.21 0.00	44.09 2.26 0.00	43.19 2.13 0.00	51.64 2.53 0.00	50.55 2.60 0.00	59.59 2.93 0.00	51.31 2.84 0.00	63.79 3.02 0.00	59.82 2.93 0.00	47.59 2.36 0.00	47.29 2.28 0.00	41.50 1.95 0.00
ASTORIA_GT3_2 24099	39.39 1.44 0.00	36.69 1.28 -0.01	39.37 1.12 0.00	38.92 1.17 0.00	39.84 1.16 0.00	39.89 1.22 0.00	44.44 1.55 0.00	53.09 2.12 0.00	47.98 1.97 0.00	43.47 1.78 0.00	45.69 1.90 0.00	49.39 2.35 0.00	44.21 2.21 0.00	44.09 2.26 0.00	43.19 2.13 0.00	51.64 2.53 0.00	50.55 2.60 0.00	59.59 2.93 0.00	51.31 2.84 0.00	63.79 3.02 0.00	59.82 2.93 0.00	47.59 2.36 0.00	47.29 2.28 0.00	41.50 1.95 0.00
ASTORIA_GT3_3 24100	39.39 1.44 0.00	36.69 1.28 -0.01	39.37 1.12 0.00	38.92 1.17 0.00	39.84 1.16 0.00	39.89 1.22 0.00	44.44 1.55 0.00	53.09 2.12 0.00	47.98 1.97 0.00	43.47 1.78 0.00	45.69 1.90 0.00	49.39 2.35 0.00	44.21 2.21 0.00	44.09 2.26 0.00	43.19 2.13 0.00	51.64 2.53 0.00	50.55 2.60 0.00	59.59 2.93 0.00	51.31 2.84 0.00	63.79 3.02 0.00	59.82 2.93 0.00	47.59 2.36 0.00	47.29 2.28 0.00	41.50 1.95 0.00
ASTORIA_GT3_4 24101	39.39 1.44 0.00	36.69 1.28 -0.01	39.37 1.12 0.00	38.92 1.17 0.00	39.84 1.16 0.00	39.89 1.22 0.00	44.44 1.55 0.00	53.09 2.12 0.00	47.98 1.97 0.00	43.47 1.78 0.00	45.69 1.90 0.00	49.39 2.35 0.00	44.21 2.21 0.00	44.09 2.26 0.00	43.19 2.13 0.00	51.64 2.53 0.00	50.55 2.60 0.00	59.59 2.93 0.00	51.31 2.84 0.00	63.79 3.02 0.00	59.82 2.93 0.00	47.59 2.36 0.00	47.29 2.28 0.00	41.50 1.95 0.00
ASTORIA_GT4_1 24102	39.39 1.44 0.00	36.69 1.28 -0.01	39.37 1.12 0.00	38.92 1.17 0.00	39.84 1.16 0.00	39.89 1.22 0.00	44.44 1.55 0.00	53.09 2.12 0.00	47.98 1.97 0.00	43.47 1.78 0.00	45.69 1.90 0.00	49.39 2.35 0.00	44.21 2.21 0.00	44.09 2.26 0.00	43.19 2.13 0.00	51.64 2.53 0.00	50.55 2.60 0.00	59.59 2.93 0.00	51.31 2.84 0.00	63.79 3.02 0.00	59.82 2.93 0.00	47.59 2.36 0.00	47.29 2.28 0.00	41.50 1.95 0.00
ASTORIA_GT4_2 24103	39.39 1.44 0.00	36.69 1.28 -0.01	39.37 1.12 0.00	38.92 1.17 0.00	39.84 1.16 0.00	39.89 1.22 0.00	44.44 1.55 0.00	53.09 2.12 0.00	47.98 1.97 0.00	43.47 1.78 0.00	45.69 1.90 0.00	49.39 2.35 0.00	44.21 2.21 0.00	44.09 2.26 0.00	43.19 2.13 0.00	51.64 2.53 0.00	50.55 2.60 0.00	59.59 2.93 0.00	51.31 2.84 0.00	63.79 3.02 0.00	59.82 2.93 0.00	47.59 2.36 0.00	47.29 2.28 0.00	41.50 1.95 0.00
ASTORIA_GT4_3 24104	39.39 1.44 0.00	36.69 1.28 -0.01	39.37 1.12 0.00	38.92 1.17 0.00	39.84 1.16 0.00	39.89 1.22 0.00	44.44 1.55 0.00	53.09 2.12 0.00	47.98 1.97 0.00	43.47 1.78 0.00	45.69 1.90 0.00	49.39 2.35 0.00	44.21 2.21 0.00	44.09 2.26 0.00	43.19 2.13 0.00	51.64 2.53 0.00	50.55 2.60 0.00	59.59 2.93 0.00	51.31 2.84 0.00	63.79 3.02 0.00	59.82 2.93 0.00	47.59 2.36 0.00	47.29 2.28 0.00	41.50 1.95 0.00

ASTORIA_GT4_4 24105	39.39 1.44 0.00	36.69 1.28 -0.01	39.37 1.12 0.00	38.92 1.17 0.00	39.84 1.16 0.00	39.89 1.22 0.00	44.44 1.55 0.00	53.09 2.12 0.00	47.98 1.97 0.00	43.47 1.78 0.00	45.69 1.90 0.00	49.39 2.35 0.00	44.21 2.21 0.00	44.09 2.26 0.00	43.19 2.13 0.00	51.64 2.53 0.00	50.55 2.60 0.00	59.59 2.93 0.00	51.31 2.84 0.00	63.79 3.02 0.00	59.82 2.93 0.00	47.59 2.36 0.00	47.29 2.28 0.00	41.50 1.95 0.00
ASTORIA_GT_1 23523	39.47 1.52 0.00	36.74 1.33 -0.01	39.44 1.19 0.00	38.98 1.22 0.00	39.90 1.22 0.00	39.95 1.28 0.00	44.53 1.64 0.00	53.19 2.22 0.00	48.08 2.07 0.00	43.56 1.87 0.00	45.78 2.00 0.00	49.48 2.44 0.00	44.30 2.30 0.00	44.17 2.33 0.00	43.29 2.23 0.00	51.74 2.62 0.00	50.65 2.70 0.00	59.70 3.04 0.00	51.42 2.95 0.00	63.91 3.14 0.00	59.93 3.04 0.00	47.68 2.45 0.00	47.38 2.37 0.00	41.56 2.01 0.00
ASTORIA_GT_10 24110	39.47 1.52 0.00	36.79 1.38 -0.01	39.60 1.34 0.00	39.06 1.31 0.00	39.99 1.31 0.00	40.05 1.38 0.00	44.54 1.65 0.00	53.22 2.25 0.00	48.09 2.08 0.00	43.63 1.94 0.00	45.83 2.05 0.00	49.56 2.52 0.00	44.36 2.37 0.00	44.24 2.40 0.00	43.33 2.27 0.00	51.77 2.65 0.00	50.67 2.72 0.00	59.76 3.09 0.00	51.37 2.90 0.00	63.93 3.16 0.00	59.91 3.02 0.00	47.62 2.38 0.00	47.36 2.35 0.00	41.58 2.03 0.00
ASTORIA_GT_11 24225	39.47 1.52 0.00	36.79 1.38 -0.01	39.60 1.34 0.00	39.06 1.31 0.00	39.99 1.31 0.00	40.05 1.38 0.00	44.54 1.65 0.00	53.22 2.25 0.00	48.09 2.08 0.00	43.63 1.94 0.00	45.83 2.05 0.00	49.56 2.52 0.00	44.36 2.37 0.00	44.24 2.40 0.00	43.33 2.27 0.00	51.77 2.65 0.00	50.67 2.72 0.00	59.76 3.09 0.00	51.37 2.90 0.00	63.93 3.16 0.00	59.91 3.02 0.00	47.62 2.38 0.00	47.36 2.35 0.00	41.58 2.03 0.00
ASTORIA_GT_12 24226	39.47 1.52 0.00	36.79 1.38 -0.01	39.60 1.34 0.00	39.06 1.31 0.00	39.99 1.31 0.00	40.05 1.38 0.00	44.54 1.65 0.00	53.22 2.25 0.00	48.09 2.08 0.00	43.63 1.94 0.00	45.83 2.05 0.00	49.56 2.52 0.00	44.36 2.37 0.00	44.24 2.40 0.00	43.33 2.27 0.00	51.77 2.65 0.00	50.67 2.72 0.00	59.76 3.09 0.00	51.37 2.90 0.00	63.93 3.16 0.00	59.91 3.02 0.00	47.62 2.38 0.00	47.36 2.35 0.00	41.58 2.03 0.00
ASTORIA_GT_13 24227	39.47 1.52 0.00	36.79 1.38 -0.01	39.60 1.34 0.00	39.06 1.31 0.00	39.99 1.31 0.00	40.05 1.38 0.00	44.54 1.65 0.00	53.22 2.25 0.00	48.09 2.08 0.00	43.63 1.94 0.00	45.83 2.05 0.00	49.56 2.52 0.00	44.36 2.37 0.00	44.24 2.40 0.00	43.33 2.27 0.00	51.77 2.65 0.00	50.67 2.72 0.00	59.76 3.09 0.00	51.37 2.90 0.00	63.93 3.16 0.00	59.91 3.02 0.00	47.62 2.38 0.00	47.36 2.35 0.00	41.58 2.03 0.00
ASTORIA_GT_5 24106	39.47 1.52 0.00	36.74 1.34 -0.01	39.45 1.19 0.00	38.98 1.22 0.00	39.90 1.23 0.00	39.96 1.29 0.00	44.52 1.64 0.00	53.20 2.22 0.00	48.08 2.07 0.00	43.56 1.87 0.00	45.78 1.99 0.00	49.49 2.44 0.00	44.30 2.30 0.00	44.18 2.34 0.00	43.27 2.21 0.00	51.74 2.62 0.00	50.65 2.70 0.00	59.71 3.05 0.00	51.42 2.95 0.00	63.91 3.14 0.00	59.94 3.04 0.00	47.68 2.45 0.00	47.38 2.37 0.00	41.56 2.02 0.00
ASTORIA_GT_7 24107	39.47 1.52 0.00	36.74 1.34 -0.01	39.45 1.19 0.00	38.98 1.22 0.00	39.90 1.23 0.00	39.96 1.29 0.00	44.52 1.64 0.00	53.20 2.22 0.00	48.08 2.07 0.00	43.56 1.87 0.00	45.78 1.99 0.00	49.49 2.44 0.00	44.30 2.30 0.00	44.18 2.34 0.00	43.27 2.21 0.00	51.74 2.62 0.00	50.65 2.70 0.00	59.71 3.05 0.00	51.42 2.95 0.00	63.91 3.14 0.00	59.94 3.04 0.00	47.68 2.45 0.00	47.38 2.37 0.00	41.56 2.02 0.00
ASTORIA_GT_8 24108	39.47 1.52 0.00	36.74 1.34 -0.01	39.45 1.19 0.00	38.98 1.22 0.00	39.90 1.23 0.00	39.96 1.29 0.00	44.52 1.64 0.00	53.20 2.22 0.00	48.08 2.07 0.00	43.56 1.87 0.00	45.78 1.99 0.00	49.49 2.44 0.00	44.30 2.30 0.00	44.18 2.34 0.00	43.27 2.21 0.00	51.74 2.62 0.00	50.65 2.70 0.00	59.71 3.05 0.00	51.42 2.95 0.00	63.91 3.14 0.00	59.94 3.04 0.00	47.68 2.45 0.00	47.38 2.37 0.00	41.56 2.02 0.00
ASTORIA___2 24149	39.39 1.44 0.00	36.69 1.28 -0.01	39.37 1.12 0.00	38.92 1.17 0.00	39.84 1.16 0.00	39.89 1.22 0.00	44.44 1.55 0.00	53.09 2.12 0.00	47.98 1.97 0.00	43.47 1.78 0.00	45.69 1.90 0.00	49.39 2.35 0.00	44.21 2.22 0.00	44.09 2.25 0.00	43.21 2.15 0.00	51.64 2.52 0.00	50.56 2.60 0.00	59.58 2.92 0.00	51.31 2.84 0.00	63.79 3.02 0.00	59.82 2.93 0.00	47.59 2.36 0.00	47.29 2.28 0.00	41.50 1.95 0.00
ASTORIA___3 23516	39.48 1.53 0.00	36.79 1.38 -0.01	39.59 1.34 0.00	39.06 1.30 0.00	40.00 1.31 0.00	40.05 1.38 0.00	44.54 1.65 0.00	53.22 2.25 0.00	48.09 2.08 0.00	43.64 1.95 0.00	45.84 2.05 0.00	49.56 2.51 0.00	44.37 2.37 0.00	44.23 2.40 0.00	43.35 2.29 0.00	51.77 2.65 0.00	50.68 2.72 0.00	59.75 3.09 0.00	51.37 2.90 0.00	63.94 3.16 0.00	59.91 3.02 0.00	47.61 2.38 0.00	47.36 2.35 0.00	41.58 2.03 0.00
ASTORIA___4 23517	39.47 1.52 0.00	36.79 1.38 -0.01	39.60 1.34 0.00	39.06 1.31 0.00	39.99 1.31 0.00	40.05 1.38 0.00	44.54 1.65 0.00	53.22 2.25 0.00	48.09 2.08 0.00	43.63 1.94 0.00	45.83 2.05 0.00	49.56 2.52 0.00	44.36 2.37 0.00	44.24 2.40 0.00	43.33 2.27 0.00	51.77 2.65 0.00	50.67 2.72 0.00	59.76 3.09 0.00	51.37 2.90 0.00	63.93 3.16 0.00	59.91 3.02 0.00	47.62 2.38 0.00	47.36 2.35 0.00	41.58 2.03 0.00
ASTORIA___5 23518	39.48 1.53 0.00	36.79 1.38 -0.01	39.59 1.34 0.00	39.06 1.30 0.00	40.00 1.31 0.00	40.05 1.38 0.00	44.54 1.65 0.00	53.22 2.25 0.00	48.09 2.08 0.00	43.64 1.95 0.00	45.84 2.05 0.00	49.56 2.51 0.00	44.37 2.37 0.00	44.23 2.40 0.00	43.35 2.28 0.00	51.77 2.65 0.00	50.68 2.72 0.00	59.75 3.09 0.00	51.37 2.90 0.00	63.94 3.16 0.00	59.91 3.02 0.00	47.61 2.38 0.00	47.36 2.35 0.00	41.58 2.03 0.00
AST_ENERGY_2_CC3 323677	30.99 1.37 8.33	36.63 1.24 0.00	39.43 1.18 0.00	38.90 1.15 0.00	39.79 1.11 0.00	39.84 1.17 0.00	44.37 1.48 0.00	52.98 2.00 0.00	47.84 1.83 0.00	43.43 1.73 0.00	45.61 1.83 0.00	49.33 2.29 0.00	44.18 2.19 0.00	44.06 2.22 0.00	43.17 2.11 0.00	51.58 2.46 0.00	50.51 2.56 0.00	59.60 2.94 0.00	51.26 2.79 0.00	63.75 2.97 0.00	59.71 2.81 0.00	47.42 2.19 0.00	47.19 2.18 0.00	41.41 1.87 0.00
AST_ENERGY_2_CC4 323678	30.99 1.37 8.33	36.63 1.24 0.00	39.43 1.18 0.00	38.90 1.15 0.00	39.79 1.11 0.00	39.84 1.17 0.00	44.37 1.48 0.00	52.98 2.00 0.00	47.84 1.83 0.00	43.43 1.73 0.00	45.61 1.83 0.00	49.33 2.29 0.00	44.18 2.19 0.00	44.06 2.22 0.00	43.17 2.11 0.00	51.58 2.46 0.00	50.51 2.56 0.00	59.60 2.94 0.00	51.26 2.79 0.00	63.75 2.97 0.00	59.71 2.81 0.00	47.42 2.19 0.00	47.19 2.18 0.00	41.41 1.87 0.00

ATHENS_STG_1 23668	38.76 0.81 0.00	36.11 0.72 0.00	39.01 0.76 0.00	38.47 0.72 0.00	39.41 0.73 0.00	39.39 0.72 0.00	43.75 0.86 0.00	52.07 1.09 0.00	47.02 1.01 0.00	42.65 0.95 0.00	44.79 1.00 0.00	48.21 1.17 0.00	43.09 1.09 0.00	42.98 1.14 0.00	42.16 1.10 0.00	50.41 1.29 0.00	49.34 1.38 0.00	58.32 1.66 0.00	50.06 1.59 0.00	62.49 1.71 0.00	58.55 1.66 0.00	46.52 1.28 0.00	46.30 1.29 0.00	40.65 1.10 0.00
ATHENS_STG_2 23670	38.76 0.81 0.00	36.11 0.72 0.00	39.01 0.76 0.00	38.47 0.72 0.00	39.41 0.73 0.00	39.39 0.72 0.00	43.75 0.86 0.00	52.07 1.09 0.00	47.02 1.01 0.00	42.65 0.95 0.00	44.79 1.00 0.00	48.21 1.17 0.00	43.09 1.09 0.00	42.98 1.14 0.00	42.16 1.10 0.00	50.41 1.29 0.00	49.34 1.38 0.00	58.32 1.66 0.00	50.06 1.59 0.00	62.49 1.71 0.00	58.55 1.66 0.00	46.52 1.28 0.00	46.30 1.29 0.00	40.65 1.10 0.00
ATHENS_STG_3 23677	38.76 0.81 0.00	36.11 0.72 0.00	39.01 0.76 0.00	38.47 0.72 0.00	39.41 0.73 0.00	39.39 0.72 0.00	43.75 0.86 0.00	52.07 1.09 0.00	47.02 1.01 0.00	42.65 0.95 0.00	44.79 1.00 0.00	48.21 1.17 0.00	43.09 1.09 0.00	42.98 1.14 0.00	42.16 1.10 0.00	50.41 1.29 0.00	49.34 1.38 0.00	58.32 1.66 0.00	50.06 1.59 0.00	62.49 1.71 0.00	58.55 1.66 0.00	46.52 1.28 0.00	46.30 1.29 0.00	40.65 1.10 0.00
AUBURN___LFGE 323710	37.46 -0.50 0.00	34.91 -0.49 0.00	37.80 -0.45 0.00	37.26 -0.49 0.00	38.07 -0.61 0.00	38.08 -0.58 0.00	42.33 -0.56 0.00	50.32 -0.66 0.00	45.43 -0.58 0.00	41.11 -0.58 0.00	43.09 -0.69 0.00	46.27 -0.78 0.00	41.52 -0.82 -0.34	40.95 -0.90 -0.02	40.62 -0.70 -0.26	48.31 -0.81 0.00	48.78 -0.74 -1.57	55.97 -0.68 0.00	47.96 -0.52 0.00	60.13 -0.64 0.00	56.16 -0.74 0.00	44.69 -0.55 0.00	44.42 -0.59 0.00	39.07 -0.47 0.00
BABYLON_RES_REC 323704	39.92 1.97 0.00	37.19 1.80 0.00	39.96 1.71 0.00	39.29 1.53 0.00	40.18 1.50 0.00	40.38 1.72 0.00	44.95 2.06 0.00	53.41 2.43 0.00	47.84 1.83 0.00	43.33 1.64 0.00	45.47 1.69 0.00	49.51 2.46 0.00	44.36 2.36 0.00	44.36 2.52 0.00	43.38 2.31 0.00	53.74 3.32 -1.31	106.01 3.61 -54.44	158.89 4.18 -98.04	172.21 3.84 -119.90	64.90 4.13 0.00	60.67 3.78 0.00	48.20 2.97 0.00	47.95 2.94 0.00	41.88 2.33 0.00
BABYLON__69_KV_BK2 356345	40.29 2.34 0.00	37.52 2.13 0.00	40.30 2.05 0.00	39.61 1.86 0.00	40.50 1.83 0.00	40.75 2.08 0.00	45.58 2.69 0.00	54.26 3.28 0.00	48.62 2.61 0.00	44.03 2.34 0.00	46.19 2.41 0.00	50.34 3.30 0.00	45.11 3.12 0.00	45.11 3.28 0.00	44.01 2.94 0.00	54.25 3.83 -1.31	106.58 4.18 -54.44	159.53 4.83 -98.04	172.72 4.35 -119.90	65.56 4.78 0.00	61.30 4.41 0.00	48.68 3.45 0.00	48.41 3.39 0.00	42.24 2.69 0.00
BALL_HILL_WT_PWR 323825	35.88 -2.07 0.00	33.52 -1.88 0.00	36.27 -1.99 0.00	35.63 -2.12 0.00	36.26 -2.42 0.00	36.19 -2.48 0.00	39.94 -2.94 0.00	47.29 -3.69 0.00	42.75 -3.26 0.00	38.66 -3.03 0.00	40.30 -3.48 0.00	43.22 -3.82 0.00	37.29 -3.72 0.98	37.86 -3.69 0.28	36.31 -3.64 1.11	44.92 -4.19 0.00	39.20 -4.32 4.43	51.22 -4.85 0.58	42.90 -4.20 1.38	55.96 -4.81 0.00	52.25 -4.64 0.00	42.05 -3.18 0.00	42.12 -2.90 0.00	36.89 -2.65 0.00
BARON_WINDS___WT_PWR 323822	36.32 -1.64 0.00	33.84 -1.56 0.00	36.52 -1.74 0.00	35.98 -1.77 0.00	36.50 -2.18 0.00	36.19 -2.48 0.00	40.17 -2.72 0.00	47.39 -3.59 0.00	42.91 -3.10 0.00	38.62 -3.08 0.00	40.47 -3.32 0.00	43.15 -3.89 0.00	36.45 -3.91 1.64	36.47 -4.03 1.34	33.98 -3.84 3.24	44.70 -4.41 0.01	36.24 -4.28 7.44	48.71 -4.75 3.20	37.00 -3.85 7.63	56.45 -4.33 0.00	52.58 -4.32 0.00	42.28 -2.95 0.00	42.44 -2.58 0.00	37.04 -2.50 0.00
BARRETT_IC_1 23704	39.75 1.80 0.00	37.01 1.61 0.00	39.81 1.56 0.00	39.18 1.43 0.00	40.10 1.42 0.00	40.24 1.58 0.00	44.96 2.08 0.00	53.62 2.64 0.00	48.18 2.17 0.00	43.67 1.98 0.00	45.88 2.10 0.00	49.80 2.76 0.00	44.62 2.62 0.00	44.53 2.70 0.00	43.55 2.48 0.00	53.49 3.07 -1.31	105.47 3.07 -54.44	158.30 3.60 -98.04	171.69 3.32 -119.90	64.44 3.66 0.00	60.26 3.37 0.00	47.85 2.62 0.00	47.61 2.59 0.00	41.69 2.14 0.00
BARRETT_IC_10 23701	39.75 1.80 0.00	37.01 1.61 0.00	39.81 1.56 0.00	39.18 1.43 0.00	40.10 1.42 0.00	40.24 1.58 0.00	44.96 2.08 0.00	53.62 2.64 0.00	48.18 2.17 0.00	43.67 1.98 0.00	45.88 2.10 0.00	49.80 2.76 0.00	44.62 2.62 0.00	44.53 2.70 0.00	43.55 2.48 0.00	53.49 3.07 -1.31	105.47 3.07 -54.44	158.30 3.60 -98.04	171.69 3.32 -119.90	64.44 3.66 0.00	60.26 3.37 0.00	47.85 2.62 0.00	47.61 2.59 0.00	41.69 2.14 0.00
BARRETT_IC_11 23702	39.75 1.80 0.00	37.01 1.61 0.00	39.81 1.56 0.00	39.18 1.43 0.00	40.10 1.42 0.00	40.24 1.58 0.00	44.96 2.08 0.00	53.62 2.64 0.00	48.18 2.17 0.00	43.67 1.98 0.00	45.88 2.10 0.00	49.80 2.76 0.00	44.62 2.62 0.00	44.53 2.70 0.00	43.55 2.48 0.00	53.49 3.07 -1.31	105.47 3.07 -54.44	158.30 3.60 -98.04	171.69 3.32 -119.90	64.44 3.66 0.00	60.26 3.37 0.00	47.85 2.62 0.00	47.61 2.59 0.00	41.69 2.14 0.00
BARRETT_IC_12 23703	39.75 1.80 0.00	37.01 1.61 0.00	39.81 1.56 0.00	39.18 1.43 0.00	40.10 1.42 0.00	40.24 1.58 0.00	44.96 2.08 0.00	53.62 2.64 0.00	48.18 2.17 0.00	43.67 1.98 0.00	45.88 2.10 0.00	49.80 2.76 0.00	44.62 2.62 0.00	44.53 2.70 0.00	43.55 2.48 0.00	53.49 3.07 -1.31	105.47 3.07 -54.44	158.30 3.60 -98.04	171.69 3.32 -119.90	64.44 3.66 0.00	60.26 3.37 0.00	47.85 2.62 0.00	47.61 2.59 0.00	41.69 2.14 0.00
BARRETT_IC_2 23705	39.75 1.80 0.00	37.01 1.61 0.00	39.81 1.56 0.00	39.18 1.43 0.00	40.10 1.42 0.00	40.24 1.58 0.00	44.96 2.08 0.00	53.62 2.64 0.00	48.18 2.17 0.00	43.67 1.98 0.00	45.88 2.10 0.00	49.80 2.76 0.00	44.62 2.62 0.00	44.53 2.70 0.00	43.55 2.48 0.00	53.49 3.07 -1.31	105.47 3.07 -54.44	158.30 3.60 -98.04	171.69 3.32 -119.90	64.44 3.66 0.00	60.26 3.37 0.00	47.85 2.62 0.00	47.61 2.59 0.00	41.69 2.14 0.00
BARRETT_IC_3 23706	39.75 1.80 0.00	37.01 1.61 0.00	39.81 1.56 0.00	39.18 1.43 0.00	40.10 1.42 0.00	40.24 1.58 0.00	44.96 2.08 0.00	53.62 2.64 0.00	48.18 2.17 0.00	43.67 1.98 0.00	45.88 2.10 0.00	49.80 2.76 0.00	44.62 2.62 0.00	44.53 2.70 0.00	43.55 2.48 0.00	53.49 3.07 -1.31	105.47 3.07 -54.44	158.30 3.60 -98.04	171.69 3.32 -119.90	64.44 3.66 0.00	60.26 3.37 0.00	47.85 2.62 0.00	47.61 2.59 0.00	41.69 2.14 0.00
BARRETT_IC_4 23707	39.75 1.80 0.00	37.01 1.61 0.00	39.81 1.56 0.00	39.18 1.43 0.00	40.10 1.42 0.00	40.24 1.58 0.00	44.96 2.08 0.00	53.62 2.64 0.00	48.18 2.17 0.00	43.67 1.98 0.00	45.88 2.10 0.00	49.80 2.76 0.00	44.62 2.62 0.00	44.53 2.70 0.00	43.55 2.48 0.00	53.49 3.07 -1.31	105.47 3.07 -54.44	158.30 3.60 -98.04	171.69 3.32 -119.90	64.44 3.66 0.00	60.26 3.37 0.00	47.85 2.62 0.00	47.61 2.59 0.00	41.69 2.14 0.00

BARRETT_IC_5 23708	39.75 1.80 0.00	37.01 1.61 0.00	39.81 1.56 0.00	39.18 1.43 0.00	40.10 1.42 0.00	40.24 1.58 0.00	44.96 2.08 0.00	53.62 2.64 0.00	48.18 2.17 0.00	43.67 1.98 0.00	45.88 2.10 0.00	49.80 2.76 0.00	44.62 2.62 0.00	44.53 2.70 0.00	43.55 2.48 0.00	53.49 3.07 -1.31	105.47 3.07 -54.44	158.30 3.60 -98.04	171.69 3.32 -119.90	64.44 3.66 0.00	60.26 3.37 0.00	47.85 2.62 0.00	47.61 2.59 0.00	41.69 2.14 0.00
BARRETT_IC_6 23709	39.75 1.80 0.00	37.01 1.61 0.00	39.81 1.56 0.00	39.18 1.43 0.00	40.10 1.42 0.00	40.24 1.58 0.00	44.96 2.08 0.00	53.62 2.64 0.00	48.18 2.17 0.00	43.67 1.98 0.00	45.88 2.10 0.00	49.80 2.76 0.00	44.62 2.62 0.00	44.53 2.70 0.00	43.55 2.48 0.00	53.49 3.07 -1.31	105.47 3.07 -54.44	158.30 3.60 -98.04	171.69 3.32 -119.90	64.44 3.66 0.00	60.26 3.37 0.00	47.85 2.62 0.00	47.61 2.59 0.00	41.69 2.14 0.00
BARRETT_IC_7 23710	39.75 1.80 0.00	37.01 1.61 0.00	39.81 1.56 0.00	39.18 1.43 0.00	40.10 1.42 0.00	40.24 1.57 0.00	44.97 2.08 0.00	53.62 2.64 0.00	48.18 2.17 0.00	43.67 1.98 0.00	45.89 2.11 0.00	49.80 2.76 0.00	44.61 2.61 0.00	44.53 2.69 0.00	43.52 2.46 0.00	53.49 3.07 -1.31	105.46 3.07 -54.44	158.32 3.61 -98.04	171.69 3.32 -119.90	64.44 3.66 0.00	60.26 3.36 0.00	47.85 2.62 0.00	47.60 2.59 0.00	41.69 2.14 0.00
BARRETT_IC_8 23711	39.75 1.80 0.00	37.01 1.61 0.00	39.81 1.56 0.00	39.18 1.43 0.00	40.10 1.42 0.00	40.24 1.58 0.00	44.96 2.08 0.00	53.62 2.64 0.00	48.18 2.17 0.00	43.67 1.98 0.00	45.88 2.10 0.00	49.80 2.76 0.00	44.62 2.62 0.00	44.53 2.70 0.00	43.55 2.48 0.00	53.49 3.07 -1.31	105.47 3.07 -54.44	158.30 3.60 -98.04	171.69 3.32 -119.90	64.44 3.66 0.00	60.26 3.37 0.00	47.85 2.62 0.00	47.61 2.59 0.00	41.69 2.14 0.00
BARRETT_IC_9 23700	39.75 1.80 0.00	37.01 1.61 0.00	39.81 1.56 0.00	39.18 1.43 0.00	40.10 1.42 0.00	40.24 1.58 0.00	44.96 2.08 0.00	53.62 2.64 0.00	48.18 2.17 0.00	43.67 1.98 0.00	45.88 2.10 0.00	49.80 2.76 0.00	44.62 2.62 0.00	44.53 2.70 0.00	43.55 2.48 0.00	53.49 3.07 -1.31	105.47 3.07 -54.44	158.30 3.60 -98.04	171.69 3.32 -119.90	64.44 3.66 0.00	60.26 3.37 0.00	47.85 2.62 0.00	47.61 2.59 0.00	41.69 2.14 0.00
BARRETT___1 23545	39.75 1.80 0.00	37.01 1.61 0.00	39.81 1.56 0.00	39.18 1.43 0.00	40.10 1.42 0.00	40.24 1.58 0.00	44.96 2.08 0.00	53.62 2.64 0.00	48.18 2.17 0.00	43.67 1.98 0.00	45.88 2.10 0.00	49.80 2.76 0.00	44.62 2.62 0.00	44.53 2.70 0.00	43.55 2.48 0.00	53.49 3.07 -1.31	105.47 3.07 -54.44	158.30 3.60 -98.04	171.69 3.32 -119.90	64.44 3.66 0.00	60.26 3.37 0.00	47.85 2.62 0.00	47.61 2.59 0.00	41.69 2.14 0.00
BARRETT___2 23546	39.75 1.80 0.00	37.01 1.61 0.00	39.81 1.56 0.00	39.18 1.43 0.00	40.10 1.42 0.00	40.24 1.58 0.00	44.96 2.08 0.00	53.62 2.64 0.00	48.18 2.17 0.00	43.67 1.98 0.00	45.88 2.10 0.00	49.80 2.76 0.00	44.62 2.62 0.00	44.53 2.70 0.00	43.55 2.48 0.00	53.49 3.07 -1.31	105.47 3.07 -54.44	158.30 3.60 -98.04	171.69 3.32 -119.90	64.44 3.66 0.00	60.26 3.37 0.00	47.85 2.62 0.00	47.61 2.59 0.00	41.69 2.14 0.00
BATAVIA__115KV_TB1 55881	36.18 -1.78 0.00	33.80 -1.60 0.00	36.51 -1.74 0.00	35.96 -1.80 0.00	36.88 -1.80 0.00	36.87 -2.10 0.00	40.79 -2.08 0.00	48.22 -2.76 0.00	43.77 -2.23 0.00	39.63 -2.06 0.00	41.48 -2.30 0.00	44.32 -2.72 0.00	38.55 -2.72 0.73	38.86 -2.81 0.16	37.53 -2.78 0.75	45.78 -3.34 0.00	41.38 -3.32 3.25	52.70 -3.66 0.30	44.58 -3.17 0.72	57.22 -3.56 0.00	53.21 -3.68 0.00	42.60 -2.64 0.00	42.50 -2.51 0.00	37.34 -2.21 0.00
BAYONEEC___CTG1 323682	39.31 1.36 0.00	36.61 1.21 0.00	39.44 1.18 0.00	38.89 1.14 0.00	39.81 1.13 0.00	39.86 1.19 0.00	44.41 1.52 0.00	53.05 2.07 0.00	47.88 1.88 0.00	43.46 1.77 0.00	45.64 1.86 0.00	49.37 2.32 0.00	44.21 2.22 0.00	44.08 2.24 0.00	43.21 2.14 0.00	51.62 2.50 0.00	50.55 2.60 0.00	58.59 2.98 1.05	51.30 2.83 0.00	63.44 3.01 0.35	59.75 2.86 0.00	47.46 2.23 0.00	47.23 2.22 0.00	41.44 1.89 0.00
BAYONEEC___CTG10 323750	39.31 1.36 0.00	36.61 1.21 0.00	39.44 1.18 0.00	38.89 1.14 0.00	39.81 1.13 0.00	39.86 1.19 0.00	44.41 1.52 0.00	53.05 2.07 0.00	47.88 1.88 0.00	43.46 1.77 0.00	45.64 1.86 0.00	49.37 2.32 0.00	44.21 2.22 0.00	44.08 2.24 0.00	43.21 2.14 0.00	51.62 2.50 0.00	50.55 2.60 0.00	58.59 2.98 1.05	51.30 2.83 0.00	63.44 3.01 0.35	59.75 2.86 0.00	47.46 2.23 0.00	47.23 2.22 0.00	41.44 1.89 0.00
BAYONEEC___CTG2 323683	39.31 1.36 0.00	36.61 1.21 0.00	39.44 1.18 0.00	38.89 1.14 0.00	39.81 1.13 0.00	39.86 1.19 0.00	44.41 1.52 0.00	53.05 2.07 0.00	47.88 1.88 0.00	43.46 1.77 0.00	45.64 1.86 0.00	49.37 2.32 0.00	44.21 2.22 0.00	44.08 2.24 0.00	43.21 2.14 0.00	51.62 2.50 0.00	50.55 2.60 0.00	58.59 2.98 1.05	51.30 2.83 0.00	63.44 3.01 0.35	59.75 2.86 0.00	47.46 2.23 0.00	47.23 2.22 0.00	41.44 1.89 0.00
BAYONEEC___CTG3 323684	39.31 1.36 0.00	36.61 1.21 0.00	39.44 1.18 0.00	38.89 1.14 0.00	39.81 1.13 0.00	39.86 1.19 0.00	44.41 1.52 0.00	53.05 2.07 0.00	47.88 1.88 0.00	43.46 1.77 0.00	45.64 1.86 0.00	49.37 2.32 0.00	44.21 2.22 0.00	44.08 2.24 0.00	43.21 2.14 0.00	51.62 2.50 0.00	50.55 2.60 0.00	58.59 2.98 1.05	51.30 2.83 0.00	63.44 3.01 0.35	59.75 2.86 0.00	47.46 2.23 0.00	47.23 2.22 0.00	41.44 1.89 0.00
BAYONEEC___CTG4 323685	39.31 1.36 0.00	36.61 1.21 0.00	39.44 1.18 0.00	38.89 1.14 0.00	39.81 1.13 0.00	39.86 1.19 0.00	44.41 1.52 0.00	53.05 2.07 0.00	47.88 1.88 0.00	43.46 1.77 0.00	45.64 1.86 0.00	49.37 2.32 0.00	44.21 2.22 0.00	44.08 2.24 0.00	43.21 2.14 0.00	51.62 2.50 0.00	50.55 2.60 0.00	58.59 2.98 1.05	51.30 2.83 0.00	63.44 3.01 0.35	59.75 2.86 0.00	47.46 2.23 0.00	47.23 2.22 0.00	41.44 1.89 0.00
BAYONEEC___CTG5 323686	39.31 1.36 0.00	36.61 1.21 0.00	39.44 1.18 0.00	38.89 1.14 0.00	39.81 1.13 0.00	39.86 1.19 0.00	44.41 1.52 0.00	53.05 2.07 0.00	47.88 1.88 0.00	43.46 1.77 0.00	45.64 1.86 0.00	49.37 2.32 0.00	44.21 2.22 0.00	44.08 2.24 0.00	43.21 2.14 0.00	51.62 2.50 0.00	50.55 2.60 0.00	58.59 2.98 1.05	51.30 2.83 0.00	63.44 3.01 0.35	59.75 2.86 0.00	47.46 2.23 0.00	47.23 2.22 0.00	41.44 1.89 0.00
BAYONEEC___CTG6 323687	39.31 1.36 0.00	36.61 1.21 0.00	39.44 1.18 0.00	38.89 1.14 0.00	39.81 1.13 0.00	39.86 1.19 0.00	44.41 1.52 0.00	53.05 2.07 0.00	47.88 1.88 0.00	43.46 1.77 0.00	45.64 1.86 0.00	49.37 2.32 0.00	44.21 2.22 0.00	44.08 2.24 0.00	43.21 2.14 0.00	51.62 2.50 0.00	50.55 2.60 0.00	58.59 2.98 1.05	51.30 2.83 0.00	63.44 3.01 0.35	59.75 2.86 0.00	47.46 2.23 0.00	47.23 2.22 0.00	41.44 1.89 0.00

BAYONEEC___CTG7 323688	39.31 1.36 0.00	36.61 1.21 0.00	39.44 1.18 0.00	38.89 1.14 0.00	39.81 1.13 0.00	39.86 1.19 0.00	44.41 1.52 0.00	53.05 2.07 0.00	47.88 1.88 0.00	43.46 1.77 0.00	45.64 1.86 0.00	49.37 2.32 0.00	44.21 2.22 0.00	44.08 2.24 0.00	43.21 2.14 0.00	51.62 2.50 0.00	50.55 2.60 0.00	58.59 2.98 1.05	51.30 2.83 0.00	63.44 3.01 0.35	59.75 2.86 0.00	47.46 2.23 0.00	47.23 2.22 0.00	41.44 1.89 0.00
BAYONEEC___CTG8 323689	39.31 1.36 0.00	36.61 1.21 0.00	39.44 1.18 0.00	38.89 1.14 0.00	39.81 1.13 0.00	39.86 1.19 0.00	44.41 1.52 0.00	53.05 2.07 0.00	47.88 1.88 0.00	43.46 1.77 0.00	45.64 1.86 0.00	49.37 2.32 0.00	44.21 2.22 0.00	44.08 2.24 0.00	43.21 2.14 0.00	51.62 2.50 0.00	50.55 2.60 0.00	58.59 2.98 1.05	51.30 2.83 0.00	63.44 3.01 0.35	59.75 2.86 0.00	47.46 2.23 0.00	47.23 2.22 0.00	41.44 1.89 0.00
BAYONEEC___CTG9 323749	39.31 1.36 0.00	36.61 1.21 0.00	39.44 1.18 0.00	38.89 1.14 0.00	39.81 1.13 0.00	39.86 1.19 0.00	44.41 1.52 0.00	53.05 2.07 0.00	47.88 1.88 0.00	43.46 1.77 0.00	45.64 1.86 0.00	49.37 2.32 0.00	44.21 2.22 0.00	44.08 2.24 0.00	43.21 2.14 0.00	51.62 2.50 0.00	50.55 2.60 0.00	58.59 2.98 1.05	51.30 2.83 0.00	63.44 3.01 0.35	59.75 2.86 0.00	47.46 2.23 0.00	47.23 2.22 0.00	41.44 1.89 0.00
BEACON___LESR 323632	38.99 1.03 0.00	36.31 0.90 0.00	39.24 0.98 0.00	38.69 0.94 0.00	39.61 0.93 0.00	39.58 0.91 0.00	43.82 0.93 0.00	52.02 1.04 0.00	47.03 1.02 0.00	42.66 0.97 0.00	44.82 1.03 0.00	48.13 1.09 0.00	42.93 0.94 0.00	42.91 1.07 0.00	41.99 0.93 0.00	50.29 1.17 0.00	49.21 1.26 0.00	58.41 1.76 0.00	50.15 1.67 0.00	62.64 1.87 0.00	58.58 1.68 0.00	46.52 1.29 0.00	46.30 1.29 0.00	40.64 1.10 0.00
BEAVER RIVER___HYD 24048	39.62 1.66 0.00	36.90 1.51 0.00	39.67 1.42 0.00	39.07 1.31 0.00	40.23 1.55 0.00	40.02 1.35 0.00	44.03 1.14 0.00	53.09 2.11 0.00	47.55 1.54 0.00	42.33 0.64 0.00	44.58 0.79 0.00	47.91 0.87 0.00	42.90 0.90 0.00	42.34 0.50 0.00	41.46 0.40 0.00	49.67 0.55 0.00	48.56 0.61 0.00	57.12 0.46 0.00	48.88 0.41 0.00	61.46 0.69 0.00	57.36 0.46 0.00	45.50 0.27 0.00	45.14 0.13 0.00	39.47 -0.07 0.00
BEEBEE_GT_13 23619	36.14 -1.81 0.00	33.76 -1.64 0.00	36.45 -1.80 0.00	35.93 -1.82 0.00	36.84 -1.84 0.00	36.84 -1.83 0.00	40.79 -2.10 0.00	48.35 -2.63 0.00	43.79 -2.22 0.00	39.69 -2.00 0.00	41.59 -2.19 0.00	44.53 -2.51 0.00	39.03 -2.42 0.54	39.32 -2.48 0.03	38.22 -2.43 0.41	46.25 -2.87 0.00	42.56 -2.95 2.45	53.38 -3.28 0.00	45.60 -2.88 0.00	57.49 -3.28 0.00	53.57 -3.33 0.00	42.76 -2.47 0.00	42.59 -2.42 0.00	37.42 -2.13 0.00
BENSHRST_27_KV_BENSHRST_1 355998	70.43 1.95 -30.53	57.68 1.76 -20.52	58.16 1.80 -18.10	39.49 1.74 0.00	40.43 1.75 0.00	46.38 1.86 -5.85	91.56 2.23 -46.44	110.61 2.96 -56.67	82.57 2.73 -33.82	112.99 2.54 -68.76	115.30 2.70 -68.82	115.31 3.20 -65.07	115.27 2.97 -70.30	115.29 3.02 -70.44	115.27 2.86 -71.35	115.35 3.37 -62.86	114.63 3.40 -63.27	113.98 3.90 -53.42	78.86 3.53 -26.86	89.28 3.94 -24.56	83.92 3.74 -23.29	115.49 3.02 -67.23	115.49 2.97 -67.51	71.66 2.51 -29.60
BETHLEHEM___GRP 23843	38.49 0.54 0.00	35.90 0.50 0.00	38.78 0.52 0.00	38.27 0.52 0.00	39.17 0.49 0.00	39.07 0.40 0.00	43.06 0.17 0.00	51.09 0.11 0.00	46.18 0.17 0.00	41.94 0.24 0.00	44.02 0.24 0.00	47.26 0.22 0.00	42.23 0.24 0.00	42.16 0.33 0.00	41.34 0.28 0.00	49.47 0.35 0.00	48.51 0.56 0.00	57.36 0.70 0.00	49.22 0.75 0.00	61.42 0.64 0.00	57.56 0.66 0.00	45.75 0.51 0.00	45.53 0.52 0.00	40.07 0.52 0.00
BETHLEHEM___GS1 323560	38.49 0.54 0.00	35.90 0.51 0.00	38.78 0.53 0.00	38.27 0.52 0.00	39.18 0.50 0.00	39.07 0.40 0.00	43.06 0.17 0.00	51.09 0.11 0.00	46.19 0.18 0.00	41.94 0.24 0.00	44.02 0.24 0.00	47.26 0.22 0.00	42.24 0.25 0.00	42.16 0.33 0.00	41.35 0.29 0.00	49.47 0.35 0.00	48.51 0.56 0.00	57.36 0.70 0.00	49.22 0.75 0.00	61.42 0.64 0.00	57.56 0.66 0.00	45.75 0.51 0.00	45.54 0.53 0.00	40.07 0.52 0.00
BETHLEHEM___GS2 323561	38.49 0.54 0.00	35.90 0.51 0.00	38.78 0.53 0.00	38.27 0.52 0.00	39.18 0.50 0.00	39.07 0.40 0.00	43.06 0.17 0.00	51.09 0.11 0.00	46.19 0.18 0.00	41.94 0.24 0.00	44.02 0.24 0.00	47.26 0.22 0.00	42.24 0.25 0.00	42.16 0.33 0.00	41.35 0.29 0.00	49.47 0.35 0.00	48.51 0.56 0.00	57.36 0.70 0.00	49.22 0.75 0.00	61.42 0.64 0.00	57.56 0.66 0.00	45.75 0.51 0.00	45.54 0.53 0.00	40.07 0.52 0.00
BETHLEHEM___GS3 323562	38.49 0.54 0.00	35.90 0.51 0.00	38.78 0.53 0.00	38.27 0.52 0.00	39.18 0.50 0.00	39.07 0.40 0.00	43.06 0.17 0.00	51.09 0.11 0.00	46.19 0.18 0.00	41.94 0.24 0.00	44.02 0.24 0.00	47.26 0.22 0.00	42.24 0.25 0.00	42.16 0.33 0.00	41.35 0.29 0.00	49.47 0.35 0.00	48.51 0.56 0.00	57.36 0.70 0.00	49.22 0.75 0.00	61.42 0.64 0.00	57.56 0.66 0.00	45.75 0.51 0.00	45.54 0.53 0.00	40.07 0.52 0.00
BETHLEHEM___STEEL 23779	35.86 -2.10 0.00	33.52 -1.88 0.00	36.21 -2.05 0.00	35.65 -2.10 0.00	36.43 -2.25 0.00	36.34 -2.33 0.00	40.05 -2.84 0.00	47.28 -3.70 0.00	42.87 -3.14 0.00	38.84 -2.85 0.00	40.53 -3.25 0.00	43.39 -3.65 0.00	37.46 -3.58 0.95	37.89 -3.67 0.27	36.41 -3.57 1.08	44.91 -4.20 0.00	39.33 -4.32 4.31	51.17 -4.93 0.56	42.81 -4.32 1.34	55.90 -4.87 0.00	52.06 -4.83 0.00	41.87 -3.37 0.00	41.94 -3.07 0.00	36.83 -2.71 0.00
BETHLHEM_115KV_TB1 79974	38.53 0.58 0.00	35.94 0.54 0.00	38.82 0.56 0.00	38.30 0.55 0.00	39.22 0.53 0.00	39.12 0.45 0.00	43.16 0.27 0.00	51.24 0.26 0.00	46.31 0.30 0.00	42.05 0.36 0.00	44.13 0.35 0.00	47.40 0.36 0.00	42.34 0.34 0.00	42.27 0.44 0.00	41.46 0.39 0.00	49.59 0.47 0.00	48.62 0.67 0.00	57.49 0.83 0.00	49.33 0.85 0.00	61.58 0.80 0.00	57.69 0.79 0.00	45.86 0.63 0.00	45.63 0.62 0.00	40.15 0.60 0.00
BETHPAGE_CC_5 323564	39.82 1.87 0.00	37.09 1.69 0.00	39.86 1.60 0.00	39.20 1.45 0.00	40.10 1.42 0.00	40.25 1.58 0.00	44.96 2.07 0.00	53.50 2.52 0.00	48.07 2.07 0.00	43.57 1.87 0.00	45.70 1.92 0.00	49.70 2.66 0.00	44.57 2.57 0.00	44.54 2.70 0.00	43.47 2.41 0.00	53.45 3.03 -1.31	105.63 3.23 -54.44	158.48 3.78 -98.04	171.83 3.46 -119.90	64.52 3.75 0.00	60.33 3.43 0.00	47.98 2.75 0.00	47.87 2.86 0.00	41.83 2.29 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.05 -1.90 0.00	33.69 -1.71 0.00	36.41 -1.85 0.00	35.84 -1.91 0.00	36.61 -2.07 0.00	36.52 -2.15 0.00	40.27 -2.62 0.00	47.56 -3.42 0.00	43.12 -2.89 0.00	39.08 -2.61 0.00	40.75 -3.04 0.00	43.64 -3.40 0.00	37.65 -3.37 0.97	38.08 -3.49 0.26	36.63 -3.35 1.08	45.17 -3.94 0.00	39.52 -4.04 4.39	51.50 -4.63 0.53	43.18 -4.03 1.27	56.25 -4.53 0.00	52.38 -4.52 0.00	42.12 -3.11 0.00	42.20 -2.81 0.00	37.05 -2.49 0.00

BINGHAMTON___COGEN 23790	37.41 -0.55 0.00	34.86 -0.54 0.00	37.68 -0.58 0.00	37.11 -0.64 0.00	37.95 -0.73 0.00	37.97 -0.70 0.00	42.14 -0.75 0.00	50.15 -0.83 0.00	45.24 -0.77 0.00	40.90 -0.80 0.00	42.92 -0.86 0.00	46.20 -0.84 0.00	40.62 -0.96 0.42	40.82 -0.99 0.02	39.83 -0.91 0.32	48.10 -1.02 0.00	45.08 -0.97 1.91	55.72 -0.94 0.00	47.77 -0.70 0.00	59.90 -0.88 0.00	56.00 -0.89 0.00	44.62 -0.61 0.00	44.44 -0.57 0.00	38.94 -0.61 0.00
BIXINCNT_115KV_LOAD 355685	36.71 -1.24 0.00	34.32 -1.08 0.00	37.07 -1.19 0.00	36.50 -1.26 0.00	36.95 -1.73 0.00	36.75 -1.92 0.00	40.57 -2.33 0.00	47.96 -3.02 0.00	43.46 -2.54 0.00	39.46 -2.24 0.00	40.42 -3.36 0.00	43.25 -3.79 0.00	36.91 -4.01 1.07	37.37 -4.27 0.20	36.33 -3.69 1.05	44.80 -4.32 0.00	38.99 -4.12 4.85	51.66 -4.64 0.36	44.14 -3.49 0.85	56.58 -4.20 0.00	52.55 -4.34 0.00	42.64 -2.59 0.00	42.94 -2.07 0.00	37.52 -2.02 0.00
BLACK RIVER___HYD 24047	39.93 1.98 0.00	37.21 1.81 0.00	39.96 1.71 0.00	39.31 1.56 0.00	40.50 1.82 0.00	40.40 1.73 0.00	44.39 1.50 0.00	53.76 2.78 0.00	48.10 2.09 0.00	42.55 0.85 0.00	44.79 1.01 0.00	48.20 1.15 0.00	43.11 1.11 0.00	42.40 0.57 0.00	41.58 0.51 0.00	49.78 0.67 0.00	48.78 0.82 0.00	57.41 0.75 0.00	49.33 0.86 0.00	62.05 1.28 0.00	57.79 0.90 0.00	45.81 0.58 0.00	45.34 0.33 0.00	39.54 -0.01 0.00
BLACKRVR_115KV_TB2 79977	39.93 1.98 0.00	37.21 1.81 0.00	39.96 1.71 0.00	39.31 1.56 0.00	40.50 1.82 0.00	40.40 1.73 0.00	44.39 1.50 0.00	53.76 2.78 0.00	48.10 2.09 0.00	42.55 0.85 0.00	44.79 1.01 0.00	48.20 1.16 0.00	43.11 1.11 0.00	42.40 0.57 0.00	41.58 0.52 0.00	49.78 0.67 0.00	48.78 0.82 0.00	57.42 0.76 0.00	49.33 0.85 0.00	62.05 1.28 0.00	57.80 0.90 0.00	45.81 0.58 0.00	45.34 0.33 0.00	39.54 -0.01 0.00
BLISS_WT_PWR 323608	36.70 -1.24 0.00	34.31 -1.09 0.00	37.06 -1.20 0.00	36.47 -1.28 0.00	36.84 -1.84 0.00	36.62 -2.05 0.00	40.44 -2.45 0.00	47.79 -3.18 0.00	43.35 -2.66 0.00	39.38 -2.31 0.00	40.14 -3.64 0.00	42.89 -4.15 1.07	36.47 -4.45 0.20	36.90 -4.73 0.00	36.00 -4.01 1.05	44.41 -4.71 0.00	38.66 -4.44 4.85	51.34 -4.96 0.36	43.98 -3.65 0.85	56.30 -4.47 0.00	52.25 -4.65 0.00	42.50 -2.73 0.00	42.85 -2.16 0.00	37.40 -2.15 0.00
BLUESTONE___WT_PWR 323821	38.90 0.95 0.00	35.90 0.50 0.00	38.64 0.39 0.00	37.07 -0.68 0.00	37.52 -1.16 0.00	37.28 -1.39 0.00	41.54 -1.35 0.00	49.78 -1.20 0.00	45.65 -0.36 0.00	41.18 -0.52 0.00	43.10 -0.68 0.00	46.46 -0.58 0.00	41.24 -1.24 -0.48	40.39 -1.47 -0.03	40.76 -0.68 -0.38	47.70 -1.42 0.00	48.87 -1.29 -2.20	55.60 -1.06 0.00	47.75 -0.72 0.00	59.51 -1.26 0.00	55.68 -1.21 0.00	44.60 -0.64 0.00	44.62 -0.40 0.00	39.17 -0.37 0.00
BLUE_CIRC_CHEM_DRP 24182	38.85 0.90 0.00	36.25 0.85 0.00	39.17 0.92 0.00	38.65 0.90 0.00	39.58 0.90 0.00	39.51 0.84 0.00	43.72 0.83 0.00	51.90 0.92 0.00	46.86 0.85 0.00	42.52 0.82 0.00	44.59 0.80 0.00	47.82 0.78 0.00	42.65 0.66 0.00	42.66 0.83 0.00	41.75 0.68 0.00	49.95 0.83 0.00	49.12 1.17 0.00	58.13 1.47 0.00	49.87 1.39 0.00	62.28 1.51 0.00	58.36 1.46 0.00	46.37 1.14 0.00	46.17 1.16 0.00	40.58 1.03 0.00
BOC_GAS_DRP 24189	38.53 0.58 0.00	35.94 0.54 0.00	38.83 0.57 0.00	38.31 0.56 0.00	39.23 0.54 0.00	39.18 0.51 0.00	43.38 0.50 0.00	51.55 0.57 0.00	46.57 0.56 0.00	42.24 0.55 0.00	44.35 0.57 0.00	47.68 0.64 0.00	42.58 0.58 0.00	42.50 0.67 0.00	41.68 0.62 0.00	49.86 0.74 0.00	48.82 0.86 0.00	57.72 1.06 0.00	49.51 1.04 0.00	61.82 1.05 0.00	57.93 1.04 0.00	46.05 0.82 0.00	45.83 0.82 0.00	40.28 0.73 0.00
BOONVILLE_115KV_TB1 79983	39.19 1.24 0.00	36.49 1.09 0.00	39.32 1.06 0.00	38.74 0.99 0.00	39.84 1.16 0.00	39.74 1.07 0.00	44.00 1.11 0.00	52.69 1.71 0.00	47.37 1.36 0.00	42.61 0.91 0.00	44.85 1.07 0.00	48.19 1.15 0.00	42.99 0.99 0.00	42.62 0.79 0.00	41.78 0.72 0.00	50.07 0.95 0.00	48.98 1.02 0.00	57.81 1.16 0.00	49.50 1.03 0.00	62.05 1.28 0.00	57.95 1.06 0.00	45.98 0.75 0.00	45.64 0.63 0.00	39.98 0.43 0.00
BORALEX_4TH_BRANCH 23824	39.83 1.88 0.00	37.18 1.78 0.00	40.32 2.07 0.00	39.75 2.00 0.00	40.72 2.04 0.00	40.61 1.95 0.00	45.01 2.12 0.00	53.30 2.32 0.00	48.14 2.13 0.00	43.71 2.01 0.00	45.97 2.18 0.00	49.25 2.21 0.00	43.98 1.99 0.00	43.99 2.16 0.00	43.21 2.15 0.00	51.72 2.61 0.00	50.47 2.52 0.00	59.74 3.08 0.00	51.24 2.77 0.00	63.91 3.14 0.00	60.09 3.20 0.00	47.73 2.50 0.00	47.57 2.56 0.00	41.77 2.22 0.00
BOWLINE___1 23526	39.00 1.05 0.00	36.32 0.92 0.00	39.19 0.93 0.00	38.64 0.90 0.00	39.58 0.90 0.00	39.55 0.88 0.00	43.98 1.09 0.00	52.50 1.52 0.00	47.37 1.36 0.00	43.01 1.32 0.00	45.14 1.36 0.00	48.72 1.67 0.00	43.63 1.64 0.00	43.53 1.70 0.00	42.66 1.59 0.00	50.94 1.82 0.00	49.89 1.93 0.00	58.93 2.27 0.00	50.69 2.21 0.00	63.07 2.30 0.00	59.10 2.20 0.00	46.93 1.70 0.00	46.74 1.73 0.00	41.07 1.52 0.00
BOWLINE___2 23595	39.03 1.08 0.00	36.34 0.94 0.00	39.19 0.94 0.00	38.66 0.91 0.00	39.58 0.90 0.00	39.59 0.92 0.00	44.05 1.16 0.00	52.58 1.60 0.00	47.46 1.45 0.00	43.06 1.37 0.00	45.21 1.42 0.00	48.78 1.74 0.00	43.70 1.70 0.00	43.57 1.74 0.00	42.71 1.64 0.00	51.02 1.90 0.00	49.97 2.01 0.00	59.01 2.36 0.00	50.77 2.30 0.00	63.17 2.40 0.00	59.19 2.30 0.00	46.99 1.76 0.00	46.80 1.79 0.00	41.09 1.54 0.00
BRADY___115KV_TB2 356060	39.37 1.42 0.00	36.73 1.33 0.00	39.82 1.56 0.00	39.64 1.88 0.00	40.63 1.95 0.00	40.59 1.92 0.00	44.94 2.05 0.00	53.42 2.44 0.00	48.14 2.13 0.00	43.51 1.82 0.00	45.72 1.93 0.00	49.05 2.01 0.00	44.03 2.04 0.00	43.81 1.98 0.00	43.01 1.94 0.00	51.43 2.31 0.00	50.06 2.10 0.00	58.90 2.25 0.00	49.85 1.38 0.00	63.01 2.23 0.00	59.02 2.13 0.00	46.99 1.75 0.00	46.73 1.72 0.00	41.10 1.56 0.00
BRANSCOMB___SOLAR 323811	39.75 1.80 0.00	37.06 1.66 0.00	40.16 1.91 0.00	39.62 1.86 0.00	40.60 1.92 0.00	40.56 1.90 0.00	45.16 2.27 0.00	53.59 2.61 0.00	48.41 2.40 0.00	43.91 2.22 0.00	46.06 2.28 0.00	49.39 2.35 0.00	44.10 2.11 0.00	44.11 2.28 0.00	43.24 2.18 0.00	51.80 2.68 0.00	50.71 2.75 0.00	60.10 3.45 0.00	51.53 3.05 0.00	64.35 3.57 0.00	60.27 3.38 0.00	47.87 2.64 0.00	47.92 2.91 0.00	42.15 2.60 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	40.19 2.24 0.00	37.44 2.04 0.00	40.20 1.95 0.00	39.50 1.75 0.00	40.38 1.70 0.00	40.61 1.94 0.00	45.45 2.56 0.00	54.14 3.16 0.00	48.48 2.47 0.00	43.93 2.23 0.00	46.12 2.34 0.00	50.26 3.22 0.00	45.03 3.04 0.00	45.04 3.20 0.00	43.90 2.83 0.00	54.05 3.63 -1.31	106.39 3.99 -54.44	159.21 4.51 -98.04	172.43 4.06 -119.90	65.28 4.51 0.00	61.01 4.12 0.00	48.48 3.24 0.00	48.19 3.18 0.00	42.07 2.52 0.00

BRISTLHL_115KV_TB1 79998	37.70 -0.25 0.00	35.18 -0.22 0.00	37.93 -0.32 0.00	37.36 -0.39 0.00	38.34 -0.34 0.00	38.37 -0.30 0.00	42.62 -0.27 0.00	50.79 -0.19 0.00	45.81 -0.20 0.00	41.40 -0.29 0.00	43.48 -0.31 0.00	46.58 -0.46 0.00	41.67 -0.33 0.00	41.44 -0.39 0.00	40.86 -0.21 0.00	48.74 -0.38 0.00	47.59 -0.36 0.00	56.36 -0.30 0.00	48.32 -0.15 0.00	60.56 -0.22 0.00	56.49 -0.41 0.00	44.89 -0.34 0.00	44.52 -0.49 0.00	38.98 -0.56 0.00
BROOKHAVEN___DRP 24191	39.02 1.07 0.00	36.53 1.13 0.00	38.95 0.70 0.00	38.17 0.42 0.00	37.08 0.11 1.71	39.56 0.89 0.00	44.69 1.80 0.00	52.56 1.58 0.00	1.12 0.44 45.33	17.25 0.33 24.77	-28.69 0.37 72.85	-18.05 1.24 66.33	1.29 1.32 42.03	14.67 1.48 28.64	19.46 1.17 22.78	33.25 1.69 17.55	105.67 3.27 -54.44	158.02 3.32 -98.04	171.17 2.81 -119.90	30.86 1.88 31.79	50.87 2.70 8.73	47.85 2.62 0.00	47.63 2.62 0.00	41.56 2.01 0.00
BROOKLYN_NAVY_YARD 23515	39.39 1.44 0.00	36.70 1.30 0.00	39.49 1.24 0.00	38.94 1.19 0.00	39.85 1.17 0.00	39.90 1.22 0.00	44.43 1.54 0.00	53.06 2.08 0.00	47.91 1.90 0.00	43.48 1.79 0.00	45.69 1.91 0.00	49.41 2.37 0.00	44.24 2.25 0.00	44.11 2.28 0.00	43.23 2.17 0.00	51.66 2.55 0.00	50.60 2.64 0.00	59.68 3.02 0.00	51.34 2.86 0.00	63.84 3.06 0.00	59.80 2.91 0.00	47.48 2.25 0.00	47.28 2.27 0.00	41.47 1.93 0.00
BROOKLYN___ARMY_DRP 323595	70.24 1.76 -30.53	57.52 1.59 -20.52	57.98 1.63 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.93 -65.07	115.04 2.74 -70.30	115.05 2.77 -70.44	115.05 2.63 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.31 -29.60
BROOKVLE_69_KV_TB1 55790	39.99 2.04 0.00	37.24 1.84 0.00	40.04 1.79 0.00	39.40 1.65 0.00	40.33 1.65 0.00	40.49 1.82 0.00	45.26 2.37 0.00	53.94 2.96 0.00	48.44 2.44 0.00	43.90 2.21 0.00	46.17 2.39 0.00	50.17 3.13 0.00	44.94 2.95 0.00	44.88 3.04 0.00	43.86 2.80 0.00	53.88 3.46 -1.31	105.99 3.60 -54.44	158.84 4.13 -98.04	172.13 3.77 -119.90	64.91 4.13 0.00	60.68 3.79 0.00	48.21 2.98 0.00	48.05 3.03 0.00	42.01 2.46 0.00
BROOME_2_LFGE 323671	37.41 -0.54 0.00	34.86 -0.54 0.00	37.67 -0.58 0.00	37.11 -0.64 0.00	37.95 -0.73 0.00	37.97 -0.70 0.00	42.14 -0.75 0.00	50.15 -0.83 0.00	45.24 -0.77 0.00	40.90 -0.79 0.00	42.92 -0.86 0.00	46.20 -0.85 0.00	40.62 -0.96 0.42	40.82 -0.99 0.02	39.82 -0.91 0.32	48.10 -1.02 0.00	45.07 -0.98 1.91	55.72 -0.94 0.00	47.77 -0.70 0.00	59.90 -0.88 0.00	56.00 -0.89 0.00	44.62 -0.61 0.00	44.44 -0.57 0.00	38.94 -0.61 0.00
BROOME___LFGE 323600	37.41 -0.54 0.00	34.86 -0.54 0.00	37.67 -0.58 0.00	37.11 -0.64 0.00	37.95 -0.73 0.00	37.97 -0.70 0.00	42.14 -0.75 0.00	50.15 -0.83 0.00	45.24 -0.77 0.00	40.90 -0.79 0.00	42.92 -0.86 0.00	46.20 -0.85 0.00	40.62 -0.96 0.42	40.82 -0.99 0.02	39.82 -0.91 0.32	48.10 -1.02 0.00	45.07 -0.98 1.91	55.72 -0.94 0.00	47.77 -0.70 0.00	59.90 -0.88 0.00	56.00 -0.89 0.00	44.62 -0.61 0.00	44.44 -0.57 0.00	38.94 -0.61 0.00
BROWNFLS_115KV_TB_3_5 80003	39.30 1.35 0.00	36.64 1.24 0.00	39.54 1.29 0.00	39.11 1.36 0.00	40.15 1.47 0.00	39.94 1.26 0.00	43.99 1.11 0.00	52.73 1.75 0.00	47.35 1.34 0.00	42.40 0.71 0.00	44.62 0.84 0.00	47.97 0.93 0.00	43.12 1.13 0.00	42.71 0.87 0.00	41.88 0.81 0.00	50.14 1.02 0.00	48.90 0.95 0.00	57.43 0.77 0.00	48.81 0.34 0.00	61.52 0.75 0.00	57.48 0.59 0.00	45.75 0.51 0.00	45.48 0.46 0.00	39.87 0.33 0.00
BROWNSV1_27_KV_LOAD 356125	39.74 1.79 0.00	36.96 1.56 0.00	39.80 1.55 0.00	39.24 1.49 0.00	40.17 1.49 0.00	40.24 1.57 0.00	44.86 1.97 0.00	53.57 2.59 0.00	48.39 2.38 0.00	43.92 2.23 0.00	46.13 2.34 0.00	49.89 2.84 0.00	44.68 2.69 0.00	44.56 2.72 0.00	43.64 2.58 0.00	52.19 3.07 0.00	51.10 3.14 0.00	60.31 3.65 0.00	51.86 3.39 0.00	64.50 3.72 0.00	60.43 3.53 0.00	47.98 2.75 0.00	47.73 2.72 0.00	41.85 2.31 0.00
BURROWS___LYONSDAL 23803	39.29 1.34 0.00	36.59 1.19 0.00	39.38 1.12 0.00	38.78 1.03 0.00	39.91 1.23 0.00	39.76 1.09 0.00	43.93 1.04 0.00	52.72 1.74 0.00	47.34 1.33 0.00	42.46 0.76 0.00	44.69 0.90 0.00	48.03 0.88 0.00	42.88 0.60 0.00	42.44 0.51 0.00	41.58 0.70 0.00	49.82 0.77 0.00	48.73 0.82 0.00	57.48 0.74 0.00	49.21 0.95 0.00	61.72 0.76 0.00	57.66 0.48 0.00	45.72 0.37 0.00	45.38 0.37 0.00	39.72 0.18 0.00
CAITHNESS_CC_1 323624	38.92 0.97 0.00	36.46 1.06 0.00	38.85 0.60 0.00	38.07 0.32 0.00	36.99 0.02 1.71	39.46 0.79 0.00	44.59 1.71 0.00	52.44 1.46 0.00	1.02 0.34 45.33	17.16 0.24 24.77	-28.80 0.27 72.85	-18.15 1.14 66.33	1.21 1.24 42.03	14.58 1.39 28.64	19.39 1.11 22.78	33.15 1.59 17.55	105.56 3.17 -54.44	157.86 3.16 -98.04	171.04 2.67 -119.90	30.73 1.75 31.79	50.83 2.67 8.73	47.85 2.62 0.00	47.62 2.61 0.00	41.56 2.01 0.00
CALPINE BETH_PAGE_GT4 24209	39.86 1.91 0.00	37.14 1.74 0.00	39.92 1.67 0.00	39.25 1.50 0.00	40.15 1.47 0.00	40.26 1.59 0.00	44.97 2.08 0.00	53.50 2.52 0.00	48.07 2.06 0.00	43.56 1.86 0.00	45.71 1.92 0.00	49.71 2.66 0.00	44.56 2.57 0.00	44.51 2.67 0.00	43.45 2.39 0.00	53.45 3.03 -1.31	105.61 3.21 -54.44	158.49 3.79 -98.04	171.84 3.47 -119.90	64.53 3.75 0.00	60.32 3.43 0.00	47.99 2.76 0.00	47.82 2.81 0.00	41.79 2.25 0.00
CALPINE_BETH_PAGE_GT_4 323586	39.86 1.91 0.00	37.14 1.74 0.00	39.92 1.66 0.00	39.25 1.50 0.00	40.15 1.47 0.00	40.26 1.59 0.00	44.96 2.08 0.00	53.50 2.52 0.00	48.07 2.06 0.00	43.56 1.86 0.00	45.71 1.92 0.00	49.70 2.66 0.00	44.56 2.57 0.00	44.51 2.67 0.00	43.48 2.41 0.00	53.45 3.03 -1.31	105.62 3.22 -54.44	158.49 3.79 -98.04	171.84 3.47 -119.90	64.54 3.76 0.00	60.33 3.43 0.00	47.99 2.76 0.00	47.82 2.81 0.00	41.79 2.25 0.00
CALPINE_BP_GT1 23823	39.86 1.91 0.00	37.14 1.74 0.00	39.92 1.66 0.00	39.25 1.50 0.00	40.15 1.47 0.00	40.26 1.59 0.00	44.96 2.08 0.00	53.50 2.52 0.00	48.07 2.06 0.00	43.56 1.86 0.00	45.71 1.92 0.00	49.70 2.66 0.00	44.56 2.57 0.00	44.51 2.67 0.00	43.48 2.41 0.00	53.45 3.03 -1.31	105.62 3.22 -54.44	158.49 3.79 -98.04	171.84 3.47 -119.90	64.54 3.76 0.00	60.33 3.43 0.00	47.99 2.76 0.00	47.82 2.81 0.00	41.79 2.25 0.00
CALSPAN___DRP 24200	35.86 -2.10 0.00	33.52 -1.88 0.00	36.21 -2.05 0.00	35.65 -2.10 0.00	36.43 -2.25 0.00	36.34 -2.33 0.00	40.05 -2.84 0.00	47.28 -3.70 0.00	42.87 -3.14 0.00	38.84 -2.85 0.00	40.53 -3.25 0.00	43.39 -3.65 0.00	37.46 -3.58 0.95	37.89 -3.67 0.27	36.41 -3.57 1.08	44.91 -4.20 0.00	39.33 -4.32 4.31	51.17 -4.93 0.56	42.81 -4.32 1.34	55.90 -4.87 0.00	52.06 -4.83 0.00	41.87 -3.37 0.00	41.94 -3.07 0.00	36.83 -2.71 0.00

FPL FAR_ROCK_GT2 23815	40.13 2.18 0.00	37.35 1.95 0.00	40.18 1.93 0.00	39.55 1.80 0.00	40.48 1.80 0.00	40.63 1.97 0.00	45.43 2.54 0.00	54.20 3.22 0.00	48.74 2.73 0.00	44.16 2.47 0.00	46.42 2.63 0.00	50.33 3.29 0.00	45.09 3.09 0.00	45.02 3.19 0.00	44.03 2.96 0.00	54.08 3.65 -1.31	106.15 3.76 -54.44	159.12 4.41 -98.04	172.41 4.04 -119.90	65.29 4.52 0.00	61.02 4.13 0.00	48.46 3.23 0.00	48.18 3.17 0.00	42.16 2.62 0.00
FRANKLIN_FALL_HYD 24054	39.49 1.55 0.00	36.95 1.55 0.00	40.31 2.05 0.00	39.74 1.99 0.00	40.66 1.98 0.00	40.62 1.95 0.00	44.92 2.03 0.00	53.37 2.39 0.00	48.10 2.09 0.00	43.62 1.93 0.00	45.96 2.17 0.00	49.16 2.12 0.00	44.21 2.22 0.00	43.97 2.14 0.00	43.10 2.04 0.00	51.35 2.23 0.00	49.75 1.80 0.00	58.04 1.38 0.00	49.04 0.57 0.00	62.03 1.26 0.00	58.19 1.30 0.00	46.28 1.04 0.00	45.99 0.98 0.00	40.52 0.97 0.00
FREEPORT_EQUS_GT1 23764	39.94 1.99 0.00	37.18 1.78 0.00	39.97 1.72 0.00	39.32 1.57 0.00	40.24 1.56 0.00	40.41 1.74 0.00	45.16 2.28 0.00	53.84 2.86 0.00	48.37 2.36 0.00	43.82 2.13 0.00	45.99 2.21 0.00	49.98 2.94 0.00	44.79 2.79 0.00	44.72 2.89 0.00	43.72 2.66 0.00	53.73 3.30 -1.31	105.72 3.32 -54.44	158.79 4.09 -98.04	172.13 3.76 -119.90	64.90 4.13 0.00	60.67 3.77 0.00	48.21 2.97 0.00	47.94 2.93 0.00	41.91 2.37 0.00
FREEPORT___CT2 23818	39.94 1.99 0.00	37.18 1.78 0.00	39.97 1.72 0.00	39.32 1.57 0.00	40.24 1.56 0.00	40.41 1.74 0.00	45.16 2.28 0.00	53.84 2.86 0.00	48.37 2.36 0.00	43.82 2.13 0.00	45.99 2.21 0.00	49.98 2.94 0.00	44.79 2.79 0.00	44.72 2.89 0.00	43.72 2.66 0.00	53.73 3.30 -1.31	105.72 3.32 -54.44	158.79 4.09 -98.04	172.13 3.76 -119.90	64.90 4.13 0.00	60.67 3.77 0.00	48.21 2.97 0.00	47.94 2.93 0.00	41.91 2.37 0.00
FRESHKLS_33_KV_LOAD 356253	70.15 1.67 -30.53	57.39 1.47 -20.52	57.88 1.52 -18.10	39.21 1.45 0.00	40.14 1.46 0.00	46.10 1.58 -5.85	91.26 1.93 -46.44	110.20 2.56 -56.67	82.16 2.33 -33.82	112.66 2.20 -68.76	114.93 2.33 -68.82	114.89 2.78 -65.07	114.90 2.60 -70.30	114.92 2.65 -70.44	114.90 2.49 -71.35	114.92 2.94 -62.86	114.15 2.92 -63.27	113.42 3.34 -53.42	78.33 3.00 -26.86	88.62 3.29 -24.56	83.35 3.17 -23.29	115.12 2.66 -67.23	115.16 2.64 -67.51	71.30 2.16 -29.60
FULTON COGEN____ 23766	37.70 -0.25 0.00	35.18 -0.22 0.00	37.93 -0.32 0.00	37.36 -0.39 0.00	38.34 -0.34 0.00	38.37 -0.30 0.00	42.62 -0.27 0.00	50.79 -0.19 0.00	45.81 -0.20 0.00	41.40 -0.29 0.00	43.48 -0.31 0.00	46.58 -0.46 0.00	41.67 -0.33 0.00	41.44 -0.39 0.00	40.86 -0.21 0.00	48.74 -0.38 0.00	47.59 -0.36 0.00	56.36 -0.30 0.00	48.32 -0.15 0.00	60.56 -0.22 0.00	56.49 -0.41 0.00	44.89 -0.34 0.00	44.52 -0.49 0.00	38.98 -0.56 0.00
FULTON___LFGE 323630	40.08 2.12 0.00	37.32 1.92 0.00	40.23 1.98 0.00	39.69 1.94 0.00	40.72 2.05 0.00	40.78 2.12 0.00	45.46 2.57 0.00	54.27 3.30 0.00	48.89 2.88 0.00	44.16 2.47 0.00	46.15 2.36 0.00	49.62 2.58 0.00	44.15 2.15 0.00	43.85 2.01 0.00	42.96 1.90 0.00	51.60 2.48 0.00	50.44 2.48 0.00	60.08 3.42 0.00	51.59 3.11 0.00	64.65 3.87 0.00	60.35 3.46 0.00	47.90 2.67 0.00	47.55 2.54 0.00	41.66 2.12 0.00
G.F.CEMENT___DRP 24184	40.20 2.25 0.00	37.49 2.09 0.00	40.69 2.43 0.00	40.15 2.40 0.00	41.15 2.47 0.00	41.11 2.44 0.00	45.91 3.02 0.00	54.45 3.47 0.00	49.18 3.17 0.00	44.61 2.92 0.00	46.79 3.01 0.00	50.12 3.09 0.00	44.74 2.75 0.00	44.85 3.02 0.00	43.97 2.90 0.00	52.70 3.59 0.00	51.55 3.59 0.00	61.17 4.52 0.00	52.39 3.91 0.00	65.48 4.71 0.00	61.28 4.38 0.00	48.70 3.46 0.00	49.01 4.00 0.00	43.22 3.68 0.00
GARDENVILLE___LBMP 24039	35.74 -2.22 0.00	33.40 -2.00 0.00	36.09 -2.17 0.00	35.53 -2.22 0.00	36.29 -2.39 0.00	36.20 -2.47 0.00	39.89 -3.00 0.00	47.10 -3.88 0.00	42.70 -3.31 0.00	38.68 -3.01 0.00	40.36 -3.43 0.00	43.21 -3.83 0.00	37.30 -3.73 0.96	37.70 -3.82 0.31	36.20 -3.72 1.14	44.74 -4.37 0.00	39.15 -4.48 4.33	50.87 -5.13 0.66	42.44 -4.47 1.56	55.68 -5.09 0.00	51.88 -5.02 0.00	41.73 -3.51 0.00	41.80 -3.22 0.00	36.71 -2.83 0.00
GARDNVLA_35_KV_LD 355827	35.90 -2.05 0.00	33.56 -1.84 0.00	36.26 -2.00 0.00	35.70 -2.05 0.00	36.48 -2.21 0.00	36.40 -2.27 0.00	40.12 -2.77 0.00	47.37 -3.61 0.00	42.96 -3.05 0.00	38.92 -2.77 0.00	40.62 -3.17 0.00	43.48 -3.56 0.00	37.54 -3.50 0.95	37.96 -3.62 0.26	36.50 -3.51 1.06	44.99 -4.13 0.00	39.41 -4.24 4.31	51.30 -4.83 0.53	42.98 -4.23 1.26	56.01 -4.77 0.00	52.17 -4.73 0.00	41.94 -3.30 0.00	42.00 -3.02 0.00	36.89 -2.66 0.00
GELCKHM___115KV_LOAD 80723	37.05 -0.90 0.00	34.56 -0.84 0.00	37.31 -0.94 0.00	36.78 -0.97 0.00	37.71 -0.97 0.00	37.72 -0.95 0.00	41.88 -1.01 0.00	49.82 -1.16 0.00	44.97 -1.04 0.00	40.72 -0.97 0.00	42.74 -1.04 0.00	45.88 -1.16 0.00	40.91 -1.09 0.00	40.72 -1.11 0.00	40.03 -1.03 0.00	47.90 -1.22 0.00	46.79 -1.16 0.00	55.39 -1.27 0.00	47.46 -1.01 0.00	59.48 -1.29 0.00	55.59 -1.30 0.00	44.21 -1.02 0.00	43.95 -1.06 0.00	38.56 -0.99 0.00
GENERAL___MILLS 23808	35.86 -2.10 0.00	33.52 -1.88 0.00	36.21 -2.05 0.00	35.65 -2.10 0.00	36.43 -2.25 0.00	36.34 -2.33 0.00	40.05 -2.84 0.00	47.28 -3.70 0.00	42.87 -3.14 0.00	38.84 -2.85 0.00	40.53 -3.25 0.00	43.39 -3.65 0.00	37.46 -3.58 0.95	37.89 -3.67 0.27	36.41 -3.57 1.08	44.91 -4.20 0.00	39.33 -4.32 4.31	51.17 -4.93 0.56	42.81 -4.32 1.34	55.90 -4.87 0.00	52.06 -4.83 0.00	41.87 -3.37 0.00	41.94 -3.07 0.00	36.83 -2.71 0.00
GE_PLASTICS___DRP 24183	38.63 0.68 0.00	36.02 0.62 0.00	38.92 0.66 0.00	38.39 0.64 0.00	39.32 0.64 0.00	39.26 0.58 0.00	43.41 0.52 0.00	51.58 0.60 0.00	46.60 0.59 0.00	42.28 0.59 0.00	44.38 0.60 0.00	47.67 0.63 0.00	42.57 0.57 0.00	42.50 0.67 0.00	41.67 0.61 0.00	49.84 0.72 0.00	48.86 0.90 0.00	57.79 1.13 0.00	49.58 1.10 0.00	61.89 1.11 0.00	58.00 1.10 0.00	46.10 0.86 0.00	45.87 0.85 0.00	40.33 0.78 0.00
GILBOA___1 23756	38.54 0.59 0.00	35.92 0.53 0.00	38.81 0.56 0.00	38.28 0.53 0.00	39.19 0.51 0.00	39.18 0.51 0.00	43.50 0.61 0.00	51.74 0.76 0.00	46.72 0.72 0.00	42.36 0.67 0.00	44.47 0.69 0.00	47.87 0.82 0.00	42.75 0.75 0.00	42.62 0.79 0.00	41.82 0.76 0.00	50.02 0.90 0.00	48.94 0.98 0.00	57.83 1.17 0.00	49.61 1.13 0.00	62.03 1.26 0.00	58.09 1.20 0.00	46.17 0.94 0.00	45.96 0.94 0.00	40.36 0.81 0.00
GILBOA___2 23757	38.54 0.59 0.00	35.92 0.53 0.00	38.81 0.56 0.00	38.28 0.53 0.00	39.19 0.51 0.00	39.18 0.51 0.00	43.50 0.61 0.00	51.74 0.76 0.00	46.72 0.72 0.00	42.36 0.67 0.00	44.47 0.69 0.00	47.87 0.82 0.00	42.75 0.75 0.00	42.62 0.79 0.00	41.82 0.76 0.00	50.02 0.90 0.00	48.94 0.98 0.00	57.83 1.17 0.00	49.61 1.13 0.00	62.03 1.26 0.00	58.09 1.20 0.00	46.17 0.94 0.00	45.96 0.94 0.00	40.36 0.81 0.00

GILBOA___3 23758	38.54 0.59 0.00	35.92 0.53 0.00	38.81 0.56 0.00	38.28 0.53 0.00	39.19 0.51 0.00	39.18 0.51 0.00	43.50 0.61 0.00	51.74 0.76 0.00	46.72 0.72 0.00	42.36 0.67 0.00	44.47 0.69 0.00	47.87 0.82 0.00	42.75 0.75 0.00	42.62 0.79 0.00	41.82 0.76 0.00	50.02 0.90 0.00	48.94 0.98 0.00	57.83 1.17 0.00	49.61 1.13 0.00	62.03 1.26 0.00	58.09 1.20 0.00	46.17 0.94 0.00	45.96 0.94 0.00	40.36 0.81 0.00
GILBOA___4 23759	38.54 0.59 0.00	35.92 0.53 0.00	38.81 0.56 0.00	38.28 0.53 0.00	39.19 0.51 0.00	39.18 0.51 0.00	43.50 0.61 0.00	51.74 0.76 0.00	46.72 0.72 0.00	42.36 0.67 0.00	44.47 0.69 0.00	47.87 0.82 0.00	42.75 0.75 0.00	42.62 0.79 0.00	41.82 0.76 0.00	50.02 0.90 0.00	48.94 0.98 0.00	57.83 1.17 0.00	49.61 1.13 0.00	62.03 1.26 0.00	58.09 1.20 0.00	46.17 0.94 0.00	45.96 0.94 0.00	40.36 0.81 0.00
GILBOA___ 23599	38.54 0.59 0.00	35.92 0.53 0.00	38.81 0.56 0.00	38.28 0.53 0.00	39.20 0.51 0.00	39.18 0.51 0.00	43.50 0.61 0.00	51.74 0.76 0.00	46.73 0.72 0.00	42.36 0.67 0.00	44.48 0.69 0.00	47.87 0.82 0.00	42.74 0.75 0.00	42.62 0.79 0.00	41.81 0.75 0.00	50.02 0.90 0.00	48.94 0.98 0.00	57.83 1.17 0.00	49.61 1.13 0.00	62.03 1.26 0.00	58.09 1.20 0.00	46.17 0.93 0.00	45.96 0.94 0.00	40.36 0.81 0.00
GINNA___ 23603	34.77 -3.18 0.00	32.50 -2.90 0.00	35.09 -3.17 0.00	34.60 -3.15 0.00	35.48 -3.20 0.00	35.52 -3.15 0.00	39.39 -3.50 0.00	46.71 -4.27 0.00	42.25 -3.76 0.00	38.32 -3.37 0.00	40.16 -3.62 0.00	43.00 -4.04 0.00	37.75 -3.76 0.49	38.04 -3.77 0.03	36.99 -3.71 0.37	44.74 -4.37 0.00	41.35 -4.38 2.22	51.64 -5.01 0.00	44.14 -4.34 0.00	55.56 -5.21 0.00	51.78 -5.11 0.00	41.27 -3.96 0.00	41.07 -3.94 0.00	36.06 -3.49 0.00
GLEN PARK___ 23778	40.08 2.13 0.00	37.34 1.94 0.00	40.12 1.86 0.00	39.46 1.71 0.00	40.65 1.97 0.00	40.57 1.90 0.00	44.62 1.73 0.00	54.02 3.04 0.00	48.35 2.35 0.00	42.77 1.08 0.00	45.03 1.25 0.00	48.44 1.40 0.00	43.33 1.34 0.00	42.64 0.80 0.00	41.81 0.75 0.00	50.05 0.94 0.00	49.07 1.12 0.00	57.80 1.14 0.00	49.67 1.20 0.00	62.49 1.72 0.00	58.20 1.30 0.00	46.12 0.88 0.00	45.62 0.60 0.00	39.77 0.22 0.00
GLENDALE_27_KV_LOAD 356172	39.62 1.67 0.00	36.92 1.51 -0.01	39.75 1.50 0.00	39.20 1.45 0.00	40.14 1.46 0.00	40.21 1.54 0.00	44.76 1.87 0.00	53.51 2.53 0.00	48.35 2.34 0.00	43.87 2.17 0.00	46.09 2.31 0.00	49.84 2.80 0.00	44.61 2.62 0.00	44.48 2.65 0.00	43.57 2.51 0.00	52.06 2.95 0.00	50.98 3.03 0.00	60.10 3.45 0.00	51.69 3.21 0.00	64.30 3.53 0.00	60.25 3.36 0.00	47.88 2.65 0.00	47.61 2.60 0.00	41.77 2.23 0.00
GLENWOOD_IC_1_G5 23712	39.88 1.93 0.00	37.14 1.74 0.00	39.93 1.68 0.00	39.30 1.54 0.00	40.23 1.55 0.00	40.37 1.71 0.00	45.13 2.24 0.00	53.79 2.81 0.00	48.23 2.22 0.00	43.71 2.02 0.00	46.03 2.25 0.00	50.01 2.97 0.00	44.81 2.82 0.00	44.74 2.90 0.00	43.73 2.67 0.00	53.73 3.31 -1.31	105.82 3.42 -54.44	158.53 3.83 -98.04	171.88 3.52 -119.90	64.61 3.84 0.00	60.41 3.51 0.00	48.00 2.76 0.00	47.89 2.88 0.00	41.88 2.34 0.00
GLENWOOD_IC_2_G1 23688	39.78 1.83 0.00	37.04 1.65 0.00	39.85 1.59 0.00	39.22 1.47 0.00	40.14 1.46 0.00	40.28 1.61 0.00	45.00 2.11 0.00	53.65 2.68 0.00	48.22 2.21 0.00	43.69 2.00 0.00	45.88 2.10 0.00	49.85 2.81 0.00	44.67 2.68 0.00	44.60 2.76 0.00	43.61 2.55 0.00	53.56 3.14 -1.31	105.67 3.27 -54.44	158.49 3.79 -98.04	171.86 3.49 -119.90	64.58 3.81 0.00	60.39 3.49 0.00	47.97 2.73 0.00	47.76 2.74 0.00	41.78 2.24 0.00
GLENWOOD_IC_3_G1 23689	39.78 1.83 0.00	37.04 1.65 0.00	39.85 1.59 0.00	39.22 1.47 0.00	40.14 1.46 0.00	40.28 1.61 0.00	45.00 2.11 0.00	53.65 2.68 0.00	48.22 2.21 0.00	43.69 2.00 0.00	45.88 2.10 0.00	49.85 2.81 0.00	44.67 2.68 0.00	44.60 2.76 0.00	43.61 2.55 0.00	53.56 3.14 -1.31	105.67 3.27 -54.44	158.49 3.79 -98.04	171.86 3.49 -119.90	64.58 3.81 0.00	60.39 3.49 0.00	47.97 2.73 0.00	47.76 2.74 0.00	41.78 2.24 0.00
GLENWOOD___4 23550	39.88 1.93 0.00	37.14 1.74 0.00	39.93 1.68 0.00	39.30 1.54 0.00	40.23 1.55 0.00	40.37 1.71 0.00	45.13 2.24 0.00	53.80 2.82 0.00	48.28 2.27 0.00	43.76 2.07 0.00	46.03 2.25 0.00	50.01 2.97 0.00	44.81 2.82 0.00	44.74 2.90 0.00	43.73 2.67 0.00	53.73 3.31 -1.31	105.83 3.43 -54.44	158.59 3.89 -98.04	171.94 3.58 -119.90	64.67 3.90 0.00	60.48 3.58 0.00	48.04 2.80 0.00	47.89 2.88 0.00	41.88 2.34 0.00
GLENWOOD___5 23614	39.88 1.93 0.00	37.14 1.74 0.00	39.93 1.68 0.00	39.30 1.54 0.00	40.23 1.55 0.00	40.37 1.71 0.00	45.13 2.24 0.00	53.80 2.82 0.00	48.28 2.27 0.00	43.76 2.07 0.00	46.03 2.25 0.00	50.01 2.97 0.00	44.81 2.82 0.00	44.74 2.90 0.00	43.73 2.67 0.00	53.73 3.31 -1.31	105.83 3.43 -54.44	158.59 3.89 -98.04	171.94 3.58 -119.90	64.67 3.90 0.00	60.48 3.58 0.00	48.04 2.80 0.00	47.89 2.88 0.00	41.88 2.34 0.00
GLOBAL GREEN_PORT_GT1 23814	39.86 1.91 0.00	37.31 1.91 0.00	39.76 1.50 0.00	38.74 0.99 0.00	36.97 0.02 1.72	39.58 0.91 0.00	44.47 1.58 0.00	52.04 1.07 0.00	0.24 -0.16 45.60	16.63 -0.14 24.92	-29.46 0.05 73.29	-19.05 0.64 66.73	0.47 0.76 42.28	13.97 0.95 28.81	18.93 0.78 22.91	32.66 1.20 17.66	105.29 2.89 -54.44	157.05 2.35 -98.04	169.71 1.34 -119.90	30.16 1.37 31.98	50.19 2.08 8.79	47.25 2.02 0.00	46.96 1.94 0.00	40.91 1.36 0.00
GLOBE___DSASP 323697	34.56 -3.39 0.00	32.34 -3.06 0.00	34.92 -3.34 0.00	34.40 -3.35 0.00	35.25 -3.43 0.00	35.15 -3.52 0.00	38.64 -4.26 0.00	45.48 -5.50 0.00	41.33 -4.68 0.00	37.51 -4.18 0.00	39.19 -4.60 0.00	41.91 -5.13 0.00	36.29 -4.89 0.82	36.57 -5.05 0.22	35.22 -4.94 0.90	43.24 -5.88 0.00	38.17 -6.07 3.72	49.22 -7.00 0.44	41.19 -6.24 1.04	53.28 -7.49 0.00	49.59 -7.30 0.00	39.87 -5.36 0.00	40.01 -5.00 0.00	35.46 -4.08 0.00
GOETHSLN___LBMP 323567	39.16 1.21 0.00	36.47 1.07 0.00	39.30 1.04 0.00	38.76 1.01 0.00	39.66 0.99 0.00	39.72 1.05 0.00	44.23 1.34 0.00	52.85 1.87 0.00	47.69 1.68 0.00	43.29 1.59 0.00	45.45 1.67 0.00	49.14 2.10 0.00	44.02 2.02 0.00	43.88 2.05 0.00	42.98 1.92 0.00	51.38 2.27 0.00	50.33 2.37 0.00	58.35 2.74 1.05	51.11 2.64 0.00	63.15 2.73 0.35	59.51 2.62 0.00	47.25 2.01 0.00	47.02 2.01 0.00	41.27 1.73 0.00
GOLAH___69_KV_TB 1_2 80279	36.24 -1.71 0.00	33.86 -1.54 0.00	36.56 -1.69 0.00	36.05 -1.70 0.00	36.96 -1.73 0.00	36.96 -1.71 0.00	40.92 -1.97 0.00	48.49 -2.49 0.00	43.93 -2.08 0.00	39.82 -1.87 0.00	41.70 -2.09 0.00	44.61 -2.43 0.00	39.07 -2.37 0.56	39.39 -2.42 0.03	38.26 -2.38 0.43	46.29 -2.83 0.00	42.56 -2.87 2.52	53.49 -3.17 0.00	45.73 -2.75 0.00	57.68 -3.09 0.00	53.69 -3.20 0.00	42.89 -2.34 0.00	42.73 -2.28 0.00	37.52 -2.03 0.00

GOODYEAR_LAKE_HYD 323669	39.12 1.17 0.00	36.42 1.02 0.00	39.30 1.04 0.00	38.72 0.97 0.00	39.65 0.97 0.00	39.67 1.01 0.00	44.19 1.30 0.00	52.72 1.74 0.00	47.61 1.60 0.00	43.06 1.36 0.00	45.20 1.42 0.00	48.64 1.60 0.00	43.36 1.36 0.00	43.07 1.24 0.00	42.26 1.19 0.00	50.58 1.46 0.00	49.42 1.47 0.00	58.61 1.95 0.00	50.28 1.80 0.00	62.94 2.16 0.00	58.81 1.91 0.00	46.72 1.49 0.00	46.43 1.42 0.00	40.70 1.16 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	37.42 -0.53 0.00	34.87 -0.53 0.00	37.69 -0.56 0.00	37.13 -0.62 0.00	37.96 -0.72 0.00	37.97 -0.70 0.00	42.15 -0.75 0.00	50.15 -0.83 0.00	45.24 -0.77 0.00	40.88 -0.81 0.00	42.90 -0.88 0.00	46.19 -0.85 0.00	40.56 -0.97 0.46	40.83 -0.98 0.03	39.80 -0.91 0.36	48.09 -1.02 0.00	44.86 -1.00 2.10	55.69 -0.96 0.00	47.76 -0.71 0.00	59.88 -0.90 0.00	55.99 -0.91 0.00	44.63 -0.61 0.00	44.45 -0.57 0.00	38.94 -0.61 0.00
GOUDEY___7 23579	37.42 -0.53 0.00	34.87 -0.53 0.00	37.69 -0.56 0.00	37.13 -0.62 0.00	37.96 -0.72 0.00	37.97 -0.70 0.00	42.15 -0.75 0.00	50.15 -0.83 0.00	45.24 -0.77 0.00	40.88 -0.81 0.00	42.90 -0.88 0.00	46.19 -0.85 0.00	40.56 -0.97 0.46	40.83 -0.98 0.03	39.80 -0.91 0.36	48.09 -1.02 0.00	44.86 -1.00 2.10	55.69 -0.96 0.00	47.76 -0.71 0.00	59.88 -0.90 0.00	55.99 -0.91 0.00	44.63 -0.61 0.00	44.45 -0.57 0.00	38.94 -0.61 0.00
GOUDEY___8 23580	37.42 -0.53 0.00	34.87 -0.53 0.00	37.69 -0.56 0.00	37.13 -0.62 0.00	37.96 -0.72 0.00	37.97 -0.70 0.00	42.15 -0.75 0.00	50.15 -0.83 0.00	45.24 -0.77 0.00	40.88 -0.81 0.00	42.90 -0.88 0.00	46.19 -0.85 0.00	40.56 -0.97 0.46	40.83 -0.98 0.03	39.80 -0.91 0.36	48.09 -1.02 0.00	44.86 -1.00 2.10	55.69 -0.96 0.00	47.76 -0.71 0.00	59.88 -0.90 0.00	55.99 -0.91 0.00	44.63 -0.61 0.00	44.45 -0.57 0.00	38.94 -0.61 0.00
GOWANUS_GT1_1 24077	70.24 1.76 -30.53	57.52 1.59 -20.52	57.98 1.63 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.93 -65.07	115.03 2.73 -70.30	115.05 2.77 -70.44	115.04 2.63 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.56 3.23 -26.86	88.90 3.56 -24.56	83.58 3.40 -23.29	115.22 2.75 -67.23	115.24 2.72 -67.51	71.45 2.31 -29.60
GOWANUS_GT1_2 24078	70.24 1.76 -30.53	57.52 1.59 -20.52	57.98 1.63 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.93 -65.07	115.03 2.73 -70.30	115.05 2.77 -70.44	115.04 2.63 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.56 3.23 -26.86	88.90 3.56 -24.56	83.58 3.40 -23.29	115.22 2.75 -67.23	115.24 2.72 -67.51	71.45 2.31 -29.60
GOWANUS_GT1_3 24079	70.24 1.76 -30.53	57.52 1.59 -20.52	57.98 1.63 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.93 -65.07	115.03 2.73 -70.30	115.05 2.77 -70.44	115.04 2.63 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.56 3.23 -26.86	88.90 3.56 -24.56	83.58 3.40 -23.29	115.22 2.75 -67.23	115.24 2.72 -67.51	71.45 2.31 -29

GOWANUS_GT2_4 24117	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.94 -65.07	115.05 2.75 -70.30	115.04 2.77 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
GOWANUS_GT2_5 24118	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.94 -65.07	115.05 2.75 -70.30	115.04 2.77 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
GOWANUS_GT2_6 24119	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.94 -65.07	115.05 2.75 -70.30	115.04 2.77 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
GOWANUS_GT2_7 24120	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.94 -65.07	115.05 2.75 -70.30	115.04 2.77 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
GOWANUS_GT2_8 24121	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.94 -65.07	115.05 2.75 -70.30	115.04 2.77 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
GOWANUS_GT3_1 24122	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.93 -65.07	115.04 2.74 -70.30	115.04 2.76 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.56 3.23 -26.86	88.90 3.56 -24.56	83.58 3.40 -23.29	115.22 2.75 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
GOWANUS_GT3_2 24123	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.93 -65.07	115.04 2.74 -70.30	115.04 2.76 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.56 3.23 -26.86	88.90 3.56 -24.56	83.58 3.40 -23.29	115.22 2.75 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
GOWANUS_GT3_3 24124	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.93 -65.07	115.04 2.74 -70.30	115.04 2.76 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.56 3.23 -26.86	88.90 3.56 -24.56	83.58 3.40 -23.29	115.22 2.75 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
GOWANUS_GT3_4 24125	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.93 -65.07	115.04 2.74 -70.30	115.04 2.76 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.56 3.23 -26.86	88.90 3.56 -24.56	83.58 3.40 -23.29	115.22 2.75 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
GOWANUS_GT3_5 24126	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.93 -65.07	115.04 2.74 -70.30	115.04 2.76 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.56 3.23 -26.86	88.90 3.56 -24.56	83.58 3.40 -23.29	115.22 2.75 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
GOWANUS_GT3_6 24127	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.93 -65.07	115.04 2.74 -70.30	115.04 2.76 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.56 3.23 -26.86	88.90 3.56 -24.56	83.58 3.40 -23.29	115.22 2.75 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
GOWANUS_GT3_7 24128	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.93 -65.07	115.04 2.74 -70.30	115.04 2.76 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.56 3.23 -26.86	88.90 3.56 -24.56	83.58 3.40 -23.29	115.22 2.75 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
GOWANUS_GT3_8 24129	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.93 -65.07	115.04 2.74 -70.30	115.04 2.76 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.56 3.23 -26.86	88.90 3.56 -24.56	83.58 3.40 -23.29	115.22 2.75 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
GOWANUS_GT4_1 24130	70.24 1.76 -30.53	57.52 1.59 -20.52	57.98 1.63 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.93 -65.07	115.04 2.74 -70.30	115.05 2.77 -70.44	115.05 2.63 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.31 -29.60
GOWANUS_GT4_2 24131	70.24 1.76 -30.53	57.52 1.59 -20.52	57.98 1.63 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.93 -65.07	115.04 2.74 -70.30	115.05 2.77 -70.44	115.05 2.63 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.31 -29.60

GOWANUS_GT4_3 24132	70.24 1.76 -30.53	57.52 1.59 -20.52	57.98 1.63 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.93 -65.07	115.04 2.74 -70.30	115.05 2.77 -70.44	115.05 2.63 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.31 -29.60
GOWANUS_GT4_4 24133	70.24 1.76 -30.53	57.52 1.59 -20.52	57.98 1.63 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.93 -65.07	115.04 2.74 -70.30	115.05 2.77 -70.44	115.05 2.63 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.31 -29.60
GOWANUS_GT4_5 24134	70.24 1.76 -30.53	57.52 1.59 -20.52	57.98 1.63 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.93 -65.07	115.04 2.74 -70.30	115.05 2.77 -70.44	115.05 2.63 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.31 -29.60
GOWANUS_GT4_6 24135	70.24 1.76 -30.53	57.52 1.59 -20.52	57.98 1.63 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.93 -65.07	115.04 2.74 -70.30	115.05 2.77 -70.44	115.05 2.63 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.31 -29.60
GOWANUS_GT4_7 24136	70.24 1.76 -30.53	57.52 1.59 -20.52	57.98 1.63 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.93 -65.07	115.04 2.74 -70.30	115.05 2.77 -70.44	115.05 2.63 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.31 -29.60
GOWANUS_GT4_8 24137	70.24 1.76 -30.53	57.52 1.59 -20.52	57.98 1.63 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.93 -65.07	115.04 2.74 -70.30	115.05 2.77 -70.44	115.05 2.63 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.31 -29.60
GREENBSH_115KV_TB3 55895	38.57 0.62 0.00	35.98 0.58 0.00	38.86 0.61 0.00	38.35 0.60 0.00	39.26 0.58 0.00	39.17 0.50 0.00	43.20 0.31 0.00	51.28 0.30 0.00	46.35 0.34 0.00	42.09 0.39 0.00	44.16 0.38 0.00	47.42 0.38 0.00	42.36 0.36 0.00	42.29 0.45 0.00	41.47 0.40 0.00	49.59 0.48 0.00	48.66 0.70 0.00	57.54 0.88 0.00	49.38 0.90 0.00	61.63 0.85 0.00	57.74 0.84 0.00	45.88 0.65 0.00	45.68 0.66 0.00	40.18 0.64 0.00
GREENDGE_115KV_TB5 80291	37.18 -0.77 0.00	34.65 -0.75 0.00	37.42 -0.83 0.00	36.90 -0.86 0.00	37.71 -0.97 0.00	37.68 -0.99 0.00	41.91 -0.98 0.00	49.75 -1.23 0.00	44.95 -1.07 0.00	40.59 -1.11 0.00	42.46 -1.32 0.00	45.54 -1.50 0.00	37.63 -1.74 2.63	40.20 -1.80 -0.17	37.96 -1.56 1.54	47.36 -1.76 0.00	34.26 -1.76 11.93	55.66 -1.81 -0.81	49.00 -1.40 -1.93	59.06 -1.72 0.00	55.17 -1.73 0.00	44.13 -1.11 0.00	43.97 -1.04 0.00	38.45 -1.09 0.00
GREENIDGE___3 23582	37.18 -0.77 0.00	34.65 -0.75 0.00	37.42 -0.83 0.00	36.90 -0.86 0.00	37.71 -0.97 0.00	37.68 -0.99 0.00	41.91 -0.98 0.00	49.75 -1.23 0.00	44.95 -1.07 0.00	40.59 -1.11 0.00	42.46 -1.32 0.00	45.54 -1.50 0.00	37.63 -1.74 2.63	40.20 -1.80 -0.17	37.96 -1.56 1.54	47.36 -1.76 0.00	34.26 -1.76 11.93	55.66 -1.81 -0.81	49.00 -1.40 -1.93	59.06 -1.72 0.00	55.17 -1.73 0.00	44.13 -1.11 0.00	43.97 -1.04 0.00	38.45 -1.09 0.00
GREENIDGE___4 23583	37.18 -0.77 0.00	34.65 -0.75 0.00	37.42 -0.83 0.00	36.90 -0.85 0.00	37.71 -0.97 0.00	37.68 -0.99 0.00	41.91 -0.98 0.00	49.75 -1.23 0.00	44.94 -1.07 0.00	40.59 -1.11 0.00	42.46 -1.32 0.00	45.54 -1.50 0.00	37.62 -1.75 2.63	40.21 -1.80 -0.17	37.96 -1.56 1.54	47.37 -1.75 0.00	34.26 -1.76 11.93	55.67 -1.80 -0.81	49.00 -1.40 -1.93	59.05 -1.73 0.00	55.15 -1.75 0.00	44.13 -1.11 0.00	43.97 -1.05 0.00	38.45 -1.09 0.00
GREENLWN_69_KV_BK 3 55738	39.65 1.70 0.00	36.94 1.53 0.00	39.71 1.46 0.00	39.03 1.28 0.00	39.91 1.23 0.00	40.08 1.41 0.00	44.80 1.92 0.00	53.39 2.41 0.00	47.90 1.89 0.00	43.40 1.70 0.00	45.59 1.80 0.00	49.62 2.58 0.00	44.46 2.46 0.00	44.45 2.62 0.00	43.36 2.29 0.00	53.34 2.91 -1.31	105.58 3.19 -54.44	158.41 3.71 -98.04	171.77 3.40 -119.90	64.39 3.61 0.00	60.21 3.32 0.00	47.84 2.60 0.00	47.57 2.56 0.00	41.58 2.03 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	70.24 1.76 -30.53	57.52 1.59 -20.52	57.98 1.63 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.93 -65.07	115.04 2.74 -70.30	115.05 2.77 -70.44	115.05 2.63 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.31 -29.60
GRISSOM___SOLAR 323813	39.98 2.03 0.00	37.24 1.84 0.00	40.17 1.91 0.00	39.62 1.87 0.00	40.65 1.97 0.00	40.70 2.02 0.00	45.34 2.45 0.00	54.11 3.13 0.00	48.73 2.72 0.00	44.06 2.36 0.00	46.00 2.22 0.00	49.48 2.43 0.00	44.00 2.00 0.00	43.73 1.89 0.00	42.84 1.78 0.00	51.47 2.35 0.00	50.37 2.41 0.00	60.01 3.36 0.00	51.52 3.05 0.00	64.53 3.76 0.00	60.27 3.38 0.00	47.84 2.61 0.00	47.50 2.49 0.00	41.64 2.09 0.00
GROVEVILLE___HYD 323602	39.47 1.52 0.00	36.75 1.35 0.00	39.65 1.40 0.00	39.12 1.37 0.00	40.07 1.39 0.00	40.11 1.44 0.00	44.69 1.80 0.00	53.30 2.32 0.00	48.15 2.14 0.00	43.67 1.98 0.00	45.86 2.08 0.00	49.46 2.41 0.00	44.24 2.24 0.00	44.12 2.29 0.00	43.20 2.14 0.00	51.66 2.55 0.00	50.62 2.67 0.00	59.86 3.20 0.00	51.48 3.01 0.00	64.14 3.36 0.00	60.09 3.19 0.00	47.68 2.44 0.00	47.41 2.39 0.00	41.57 2.03 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.39 -0.56 0.00	34.88 -0.52 0.00	37.67 -0.59 0.00	37.14 -0.61 0.00	38.05 -0.63 0.00	38.08 -0.58 0.00	42.31 -0.59 0.00	50.33 -0.65 0.00	45.41 -0.60 0.00	41.11 -0.58 0.00	43.14 -0.64 0.00	46.31 -0.73 0.00	41.29 -0.71 0.00	41.09 -0.74 0.00	40.41 -0.65 0.00	48.37 -0.75 0.00	47.26 -0.69 0.00	55.97 -0.69 0.00	47.96 -0.52 0.00	60.10 -0.67 0.00	56.16 -0.73 0.00	44.65 -0.58 0.00	44.38 -0.63 0.00	38.93 -0.61 0.00

HAMLTNNY_34_KV_TB 80303	37.51 -0.44 0.00	34.95 -0.45 0.00	37.75 -0.50 0.00	37.22 -0.54 0.00	38.11 -0.57 0.00	38.12 -0.54 0.00	42.40 -0.48 0.00	50.46 -0.52 0.00	45.56 -0.45 0.00	41.25 -0.44 0.00	43.26 -0.52 0.00	46.44 -0.60 0.00	41.37 -0.63 0.00	41.17 -0.66 0.00	40.57 -0.49 0.00	48.55 -0.57 0.00	47.46 -0.50 0.00	56.24 -0.42 0.00	48.20 -0.27 0.00	60.45 -0.33 0.00	56.50 -0.40 0.00	44.89 -0.34 0.00	44.61 -0.40 0.00	39.15 -0.40 0.00
HAMPSHIRE___PAPER_HYD 323593	39.30 1.35 0.00	36.64 1.24 0.00	39.54 1.29 0.00	39.11 1.36 0.00	40.15 1.47 0.00	39.94 1.26 0.00	43.99 1.10 0.00	52.73 1.75 0.00	47.35 1.34 0.00	42.40 0.71 0.00	44.62 0.84 0.00	47.97 0.93 0.00	43.12 1.12 0.00	42.71 0.88 0.00	41.88 0.81 0.00	50.14 1.02 0.00	48.90 0.95 0.00	57.43 0.77 0.00	48.82 0.34 0.00	61.52 0.75 0.00	57.48 0.59 0.00	45.75 0.51 0.00	45.48 0.46 0.00	39.88 0.33 0.00
HARDSCRABBLE_WT_PWR 323673	38.20 0.25 0.00	35.46 0.06 0.00	38.11 -0.14 0.00	37.62 -0.13 0.00	38.47 -0.22 0.00	38.47 -0.20 0.00	42.72 -0.17 0.00	50.72 -0.26 0.00	45.86 -0.15 0.00	41.71 0.02 0.00	43.76 -0.03 0.00	47.22 0.17 0.00	42.01 0.02 0.00	41.87 0.04 0.00	40.95 -0.11 0.00	49.02 -0.10 0.00	47.71 -0.25 0.00	56.89 0.24 0.00	49.19 0.72 0.00	61.39 0.61 0.00	57.39 0.49 0.00	45.52 0.29 0.00	45.18 0.17 0.00	39.66 0.12 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.19 1.24 0.00	36.50 1.10 0.00	39.38 1.13 0.00	38.85 1.10 0.00	39.79 1.11 0.00	39.81 1.14 0.00	44.32 1.43 0.00	52.88 1.91 0.00	47.77 1.76 0.00	43.34 1.64 0.00	45.48 1.70 0.00	49.07 2.03 0.00	43.92 1.93 0.00	43.80 1.97 0.00	42.89 1.83 0.00	51.28 2.16 0.00	50.24 2.29 0.00	59.41 2.75 0.00	51.10 2.62 0.00	63.61 2.83 0.00	59.58 2.68 0.00	47.28 2.05 0.00	47.05 2.04 0.00	41.28 1.74 0.00
HARSNRAD_115KV_TB1 81005	35.02 -2.94 0.00	32.75 -2.65 0.00	35.38 -2.88 0.00	34.85 -2.90 0.00	35.69 -2.99 0.00	35.59 -3.08 0.00	39.15 -3.74 0.00	46.13 -4.84 0.00	41.95 -4.06 0.00	38.01 -3.68 0.00	39.70 -4.08 0.00	42.44 -4.60 0.00	36.80 -4.39 0.81	37.09 -4.53 0.21	35.77 -4.41 0.89	43.83 -5.28 0.00	38.97 -5.37 3.61	50.02 -6.21 0.43	42.00 -5.45 1.02	54.49 -6.28 0.00	50.71 -6.18 0.00	40.78 -4.45 0.00	40.85 -4.16 0.00	35.97 -3.58 0.00
HARZA MOOSE___RIVER 24016	39.29 1.34 0.00	36.59 1.19 0.00	39.38 1.12 0.00	38.78 1.03 0.00	39.91 1.23 0.00	39.76 1.09 0.00	43.93 1.04 0.00	52.72 1.74 0.00	47.34 1.33 0.00	42.46 0.76 0.00	44.69 0.90 0.00	48.03 0.99 0.00	42.88 0.88 0.00	42.44 0.60 0.00	41.58 0.51 0.00	49.82 0.70 0.00	48.73 0.77 0.00	57.48 0.82 0.00	49.21 0.74 0.00	61.72 0.95 0.00	57.66 0.76 0.00	45.72 0.48 0.00	45.38 0.37 0.00	39.72 0.18 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	36.99 -0.96 0.00	34.50 -0.90 0.00	37.24 -1.01 0.00	36.73 -1.03 0.00	37.64 -1.04 0.00	37.66 -1.01 0.00	41.81 -1.07 0.00	49.74 -1.23 0.00	44.91 -1.10 0.00	40.68 -1.01 0.00	42.70 -1.08 0.00	45.84 -1.20 0.00	40.86 -1.13 0.00	40.68 -1.15 0.00	39.97 -1.10 0.00	47.85 -1.27 0.00	46.74 -1.21 0.00	55.34 -1.32 0.00	47.41 -1.06 0.00	59.40 -1.37 0.00	55.51 -1.39 0.00	44.15 -1.08 0.00	43.91 -1.11 0.00	38.51 -1.03 0.00
HELLGATE_13_KV_LD 55870	39.49 1.53 0.00	36.79 1.38 -0.01	39.61 1.35 0.00	39.08 1.33 0.00	40.00 1.32 0.00	40.06 1.39 0.00	44.56 1.67 0.00	53.24 2.26 0.00	48.11 2.10 0.00	43.65 1.96 0.00	45.85 2.07 0.00	49.57 2.53 0.00	44.37 2.38 0.00	44.24 2.41 0.00	43.34 2.27 0.00	51.77 2.65 0.00	50.69 2.74 0.00	59.76 3.11 0.00	51.40 2.92 0.00	63.94 3.17 0.00	59.94 3.04 0.00	47.63 2.40 0.00	47.38 2.37 0.00	41.59 2.04 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.49 1.53 0.00	36.79 1.38 -0.01	39.61 1.35 0.00	39.08 1.33 0.00	40.00 1.32 0.00	40.06 1.39 0.00	44.56 1.67 0.00	53.24 2.26 0.00	48.11 2.10 0.00	43.65 1.96 0.00	45.85 2.07 0.00	49.57 2.53 0.00	44.37 2.38 0.00	44.24 2.41 0.00	43.34 2.27 0.00	51.77 2.65 0.00	50.69 2.74 0.00	59.76 3.11 0.00	51.40 2.92 0.00	63.94 3.17 0.00	59.94 3.04 0.00	47.63 2.40 0.00	47.38 2.37 0.00	41.59 2.04 0.00
HEMPSTEAD____ 23647	39.76 1.81 0.00	37.03 1.63 0.00	39.81 1.56 0.00	39.17 1.42 0.00	40.08 1.40 0.00	40.24 1.57 0.00	44.97 2.08 0.00	53.59 2.61 0.00	48.14 2.13 0.00	43.63 1.93 0.00	45.83 2.05 0.00	49.80 2.76 0.00	44.62 2.63 0.00	44.56 2.72 0.00	43.56 2.50 0.00	53.53 3.10 -1.31	105.63 3.23 -54.44	158.47 3.77 -98.04	171.84 3.47 -119.90	64.54 3.77 0.00	60.33 3.44 0.00	47.94 2.71 0.00	47.73 2.72 0.00	41.74 2.19 0.00
HEWLETT_69_KV_BK3 55828	39.98 2.02 0.00	37.21 1.82 0.00	40.04 1.78 0.00	39.40 1.65 0.00	40.33 1.65 0.00	40.48 1.80 0.00	45.25 2.36 0.00	53.97 2.99 0.00	48.52 2.51 0.00	43.98 2.28 0.00	46.22 2.43 0.00	50.13 3.09 0.00	44.90 2.91 0.00	44.84 3.00 0.00	43.83 2.77 0.00	53.84 3.42 -1.31	105.93 3.53 -54.44	158.84 4.13 -98.04	172.16 3.79 -119.90	64.99 4.21 0.00	60.76 3.87 0.00	48.25 3.02 0.00	47.98 2.96 0.00	41.99 2.45 0.00
HICKLING___1 23621	36.89 -1.07 0.00	34.35 -1.05 0.00	37.15 -1.11 0.00	36.59 -1.16 0.00	37.25 -1.43 0.00	37.21 -1.46 0.00	41.31 -1.58 0.00	49.01 -1.97 0.00	44.21 -1.80 0.00	39.82 -1.87 0.00	41.74 -2.04 0.00	44.90 -2.14 0.00	37.27 -2.30 2.42	39.43 -2.37 0.04	37.12 -2.21 1.73	46.63 -2.48 0.00	34.50 -2.46 11.00	54.34 -2.56 -0.24	47.03 -2.02 -0.58	58.45 -2.32 0.00	54.55 -2.34 0.00	43.67 -1.57 0.00	43.61 -1.40 0.00	38.10 -1.45 0.00
HICKLING___2 23622	36.89 -1.07 0.00	34.35 -1.05 0.00	37.15 -1.11 0.00	36.59 -1.16 0.00	37.25 -1.43 0.00	37.21 -1.46 0.00	41.31 -1.58 0.00	49.01 -1.97 0.00	44.21 -1.80 0.00	39.82 -1.87 0.00	41.74 -2.04 0.00	44.90 -2.14 0.00	37.27 -2.30 2.42	39.43 -2.37 0.04	37.12 -2.21 1.73	46.63 -2.48 0.00	34.50 -2.46 11.00	54.34 -2.56 -0.24	47.03 -2.02 -0.58	58.45 -2.32 0.00	54.55 -2.34 0.00	43.67 -1.57 0.00	43.61 -1.40 0.00	38.10 -1.45 0.00
HIGH FALLS___HY 23754	39.39 1.44 0.00	36.66 1.26 0.00	39.57 1.32 0.00	39.02 1.28 0.00	39.98 1.30 0.00	40.06 1.39 0.00	44.73 1.84 0.00	53.41 2.43 0.00	48.23 2.22 0.00	43.77 2.08 0.00	45.92 2.14 0.00	49.56 2.52 0.00	44.40 2.41 0.00	44.22 2.39 0.00	43.15 2.09 0.00	51.54 2.42 0.00	50.55 2.59 0.00	59.81 3.16 0.00	51.52 3.05 0.00	64.21 3.43 0.00	60.13 3.24 0.00	47.69 2.46 0.00	47.40 2.39 0.00	41.54 1.99 0.00
HIGH_RIVER___SOLAR 323847	39.22 1.27 0.00	36.55 1.15 0.00	39.48 1.22 0.00	38.96 1.20 0.00	39.92 1.24 0.00	39.94 1.28 0.00	44.41 1.52 0.00	52.80 1.82 0.00	47.60 1.59 0.00	43.12 1.42 0.00	45.14 1.36 0.00	48.52 1.48 0.00	43.18 1.19 0.00	42.98 1.14 0.00	42.17 1.10 0.00	50.68 1.56 0.00	49.60 1.65 0.00	58.87 2.21 0.00	50.48 2.01 0.00	63.19 2.41 0.00	59.11 2.21 0.00	46.94 1.71 0.00	46.68 1.67 0.00	40.98 1.44 0.00

HILLBURN___GT 23639	39.11 1.16 0.00	36.41 1.01 0.00	39.28 1.02 0.00	38.76 1.01 0.00	39.68 1.00 0.00	39.70 1.03 0.00	44.18 1.29 0.00	52.76 1.78 0.00	47.62 1.61 0.00	43.21 1.52 0.00	45.34 1.56 0.00	48.94 1.90 0.00	43.83 1.84 0.00	43.71 1.87 0.00	42.84 1.77 0.00	51.18 2.06 0.00	50.12 2.17 0.00	59.22 2.56 0.00	50.94 2.47 0.00	63.40 2.62 0.00	59.39 2.49 0.00	47.14 1.90 0.00	46.95 1.94 0.00	41.20 1.65 0.00
HILLSIDE_115KV_TB1 80332	36.42 -1.54 0.00	33.90 -1.50 0.00	36.72 -1.54 0.00	36.16 -1.60 0.00	36.86 -1.82 0.00	36.88 -1.79 0.00	40.91 -1.98 0.00	48.63 -2.35 0.00	43.82 -2.19 0.00	39.46 -2.23 0.00	41.39 -2.40 0.00	44.67 -2.37 0.00	37.24 -2.49 2.27	39.30 -2.49 0.04	37.03 -2.40 1.63	46.39 -2.72 0.00	34.97 -2.69 10.29	54.04 -2.83 -0.21	46.71 -2.27 -0.51	58.05 -2.72 0.00	54.25 -2.64 0.00	43.37 -1.86 0.00	43.27 -1.74 0.00	37.83 -1.72 0.00
HISHELDN_WT_PWR 323625	35.74 -2.21 0.00	33.38 -2.02 0.00	36.05 -2.21 0.00	35.49 -2.27 0.00	36.20 -2.48 0.00	35.96 -2.70 0.00	39.63 -3.26 0.00	46.68 -4.30 0.00	42.35 -3.66 0.00	38.24 -3.45 0.00	39.82 -3.96 0.00	42.47 -4.57 0.00	36.43 -4.41 1.15	36.67 -4.51 0.66	34.92 -4.32 1.82	44.03 -5.08 0.00	37.70 -5.03 5.23	49.40 -5.74 1.52	40.03 -4.83 3.61	55.25 -5.53 0.00	51.48 -5.42 0.00	41.48 -3.75 0.00	41.56 -3.45 0.00	36.43 -3.12 0.00
HOLTSVILLE_IC_1 23690	39.93 1.98 0.00	37.21 1.81 0.00	39.94 1.69 0.00	39.23 1.47 0.00	40.08 1.40 0.00	40.35 1.68 0.00	45.19 2.31 0.00	53.73 2.76 0.00	48.02 2.01 0.00	43.48 1.79 0.00	45.65 1.87 0.00	49.76 2.72 0.00	44.61 2.61 0.00	44.58 2.75 0.00	43.50 2.44 0.00	53.56 3.13 -1.31	106.04 3.64 -54.44	158.83 4.13 -98.04	172.08 3.71 -119.90	64.66 3.89 0.00	60.45 3.55 0.00	48.02 2.78 0.00	47.77 2.75 0.00	41.69 2.15 0.00
HOLTSVILLE_IC_10 23699	39.94 1.99 0.00	37.24 1.84 0.00	39.94 1.69 0.00	39.21 1.46 0.00	40.14 1.36 -0.10	40.40 1.73 0.00	45.32 2.43 0.00	53.80 2.82 0.00	50.73 1.97 -2.75	44.91 1.71 -1.50	49.97 1.76 -4.42	53.74 2.67 -4.03	47.12 2.58 -2.55	46.29 2.71 -1.74	44.85 2.40 -1.38	54.70 3.13 -2.45	106.24 3.85 -54.44	159.02 4.31 -98.04	172.18 3.81 -119.90	66.59 3.89 -1.93	61.16 3.74 -0.53	48.22 2.98 0.00	47.95 2.94 0.00	41.83 2.29 0.00
HOLTSVILLE_IC_2 23691	39.93 1.98 0.00	37.21 1.81 0.00	39.94 1.69 0.00	39.23 1.47 0.00	40.08 1.40 0.00	40.35 1.68 0.00	45.19 2.31 0.00	53.73 2.76 0.00	48.02 2.01 0.00	43.48 1.79 0.00	45.65 1.87 0.00	49.76 2.72 0.00	44.61 2.61 0.00	44.58 2.75 0.00	43.50 2.44 0.00	53.56 3.13 -1.31	106.04 3.64 -54.44	158.83 4.13 -98.04	172.08 3.71 -119.90	64.66 3.89 0.00	60.45 3.55 0.00	48.02 2.78 0.00	47.77 2.75 0.00	41.69 2.15 0.00
HOLTSVILLE_IC_3 23692	39.93 1.98 0.00	37.21 1.81 0.00	39.94 1.69 0.00	39.23 1.47 0.00	40.08 1.40 0.00	40.35 1.68 0.00	45.19 2.31 0.00	53.73 2.76 0.00	48.02 2.01 0.00	43.48 1.79 0.00	45.65 1.87 0.00	49.76 2.72 0.00	44.61 2.61 0.00	44.58 2.75 0.00	43.50 2.44 0.00	53.56 3.13 -1.31	106.04 3.64 -54.44	158.83 4.13 -98.04	172.08 3.71 -119.90	64.66 3.89 0.00	60.45 3.55 0.00	48.02 2.78 0.00	47.77 2.75 0.00	41.69 2.15 0.00
HOLTSVILLE_IC_4 23693	39.93 1.98 0.00	37.21 1.81 0.00	39.94 1.69 0.00	39.23 1.47 0.00	40.08 1.40 0.00	40.35 1.68 0.00	45.19 2.31 0.00	53.73 2.76 0.00	48.02 2.01 0.00	43.48 1.79 0.00	45.65 1.87 0.00	49.76 2.72 0.00	44.61 2.61 0.00	44.58 2.75 0.00	43.50 2.44 0.00	53.56 3.13 -1.31	106.04 3.64 -54.44	158.83 4.13 -98.04	172.08 3.71 -119.90	64.66 3.89 0.00	60.45 3.55 0.00	48.02 2.78 0.00	47.77 2.75 0.00	41.69 2.15 0.00
HOLTSVILLE_IC_5 23694	39.93 1.98 0.00	37.21 1.81 0.00	39.94 1.69 0.00	39.23 1.47 0.00	40.08 1.40 0.00	40.35 1.68 0.00	45.19 2.31 0.00	53.73 2.76 0.00	48.02 2.01 0.00	43.48 1.79 0.00	45.65 1.87 0.00	49.76 2.72 0.00	44.61 2.61 0.00	44.58 2.75 0.00	43.50 2.44 0.00	53.56 3.13 -1.31	106.04 3.64 -54.44	158.83 4.13 -98.04	172.08 3.71 -119.90	64.66 3.89 0.00	60.45 3.55 0.00	48.02 2.78 0.00	47.77 2.75 0.00	41.69 2.15 0.00
HOLTSVILLE_IC_6 23695	39.94 1.99 0.00	37.24 1.84 0.00	39.94 1.69 0.00	39.21 1.46 0.00	40.14 1.36 -0.10	40.40 1.73 0.00	45.32 2.43 0.00	53.80 2.82 0.00	50.73 1.97 -2.75	44.91 1.71 -1.50	49.97 1.76 -4.42	53.74 2.67 -4.03	47.12 2.58 -2.55	46.29 2.71 -1.74	44.85 2.40 -1.38	54.70 3.13 -2.45	106.24 3.85 -54.44	159.02 4.31 -98.04	172.18 3.81 -119.90	66.59 3.89 -1.93	61.16 3.74 -0.53	48.22 2.98 0.00	47.95 2.94 0.00	41.83 2.29 0.00
HOLTSVILLE_IC_7 23696	39.94 1.99 0.00	37.24 1.84 0.00	39.94 1.69 0.00	39.21 1.46 0.00	40.14 1.36 -0.10	40.40 1.73 0.00	45.32 2.43 0.00	53.80 2.82 0.00	50.73 1.97 -2.75	44.91 1.71 -1.50	49.97 1.76 -4.42	53.74 2.67 -4.03	47.12 2.58 -2.55	46.29 2.71 -1.74	44.85 2.40 -1.38	54.70 3.13 -2.45	106.24 3.85 -54.44	159.02 4.31 -98.04	172.18 3.81 -119.90	66.59 3.89 -1.93	61.16 3.74 -0.53	48.22 2.98 0.00	47.95 2.94 0.00	41.83 2.29 0.00
HOLTSVILLE_IC_8 23697	39.94 1.99 0.00	37.24 1.84 0.00	39.94 1.69 0.00	39.21 1.46 0.00	40.14 1.36 -0.10	40.40 1.73 0.00	45.32 2.43 0.00	53.80 2.82 0.00	50.73 1.97 -2.75	44.91 1.71 -1.50	49.97 1.76 -4.42	53.74 2.67 -4.03	47.12 2.58 -2.55	46.29 2.71 -1.74	44.85 2.40 -1.38	54.70 3.13 -2.45	106.24 3.85 -54.44	159.02 4.31 -98.04	172.18 3.81 -119.90	66.59 3.89 -1.93	61.16 3.74 -0.53	48.22 2.98 0.00	47.95 2.94 0.00	41.83 2.29 0.00
HOLTSVILLE_IC_9 23698	39.94 1.99 0.00	37.24 1.84 0.00	39.94 1.69 0.00	39.21 1.46 0.00	40.14 1.36 -0.10	40.40 1.73 0.00	45.32 2.43 0.00	53.80 2.82 0.00	50.73 1.97 -2.75	44.91 1.71 -1.50	49.97 1.76 -4.42	53.74 2.67 -4.03	47.12 2.58 -2.55	46.29 2.71 -1.74	44.85 2.40 -1.38	54.70 3.13 -2.45	106.24 3.85 -54.44	159.02 4.31 -98.04	172.18 3.81 -119.90	66.59 3.89 -1.93	61.16 3.74 -0.53	48.22 2.98 0.00	47.95 2.94 0.00	41.83 2.29 0.00
HOMER_HL_115KV_TB2 355744	36.76 -1.19 0.00	34.38 -1.02 0.00	37.26 -0.99 0.00	36.74 -1.01 0.00	37.46 -1.22 0.00	37.28 -1.39 0.00	40.99 -1.91 0.00	48.64 -2.34 0.00	43.72 -2.29 0.00	39.54 -2.15 0.00	41.36 -2.42 0.00	44.55 -2.49 0.00	38.33 -2.46 1.20	39.38 -2.34 0.11	37.76 -2.30 1.01	46.56 -2.56 0.00	39.87 -2.66 5.43	53.26 -3.28 0.12	45.52 -2.66 0.29	57.74 -3.04 0.00	53.93 -2.96 0.00	43.43 -1.80 0.00	43.67 -1.34 0.00	38.22 -1.33 0.00
HOWARD_WT_PWR 323690	36.40 -1.55 0.00	33.79 -1.61 0.00	36.42 -1.83 0.00	36.02 -1.73 0.00	36.52 -2.16 0.00	36.02 -2.64 0.00	39.99 -2.90 0.00	47.01 -3.97 0.00	42.68 -3.33 0.00	38.47 -3.22 0.00	40.07 -3.72 0.00	42.36 -4.69 0.00	34.68 -4.91 2.40	37.36 -5.01 -0.54	35.48 -4.78 0.80	43.75 -5.37 0.00	31.89 -5.17 10.89	52.56 -5.82 -1.72	47.83 -4.76 -4.11	55.51 -5.26 0.00	51.57 -5.32 0.00	41.86 -3.38 0.00	42.24 -2.78 0.00	36.90 -2.64 0.00

HQ_GEN_CEDARS 23644	38.96 1.01 0.00	36.36 0.96 0.00	39.40 1.15 0.00	39.24 1.49 0.00	40.24 1.56 0.00	40.17 1.50 0.00	44.44 1.55 0.00	52.79 1.81 0.00	47.59 1.58 0.00	43.05 1.36 0.00	45.26 1.48 0.00	48.58 1.54 0.00	43.53 1.54 0.00	43.31 1.48 0.00	42.52 1.46 0.00	50.86 1.74 0.00	49.44 1.49 0.00	58.15 1.49 0.00	49.26 0.79 0.00	62.22 1.45 0.00	58.32 1.43 0.00	46.44 1.21 0.00	46.21 1.20 0.00	40.68 1.13 0.00
HQ_GEN_CEDARS_PROXY 323590	38.96 1.01 0.00	36.36 0.96 0.00	39.40 1.14 0.00	39.24 1.49 0.00	40.24 1.56 0.00	40.17 1.50 0.00	44.44 1.55 0.00	52.79 1.81 0.00	47.59 1.58 0.00	43.05 1.36 0.00	45.26 1.47 0.00	48.58 1.54 0.00	43.53 1.53 0.00	43.31 1.48 0.00	42.52 1.46 0.00	50.86 1.74 0.00	49.44 1.49 0.00	58.15 1.49 0.00	49.26 0.79 0.00	62.22 1.45 0.00	58.32 1.43 0.00	46.44 1.21 0.00	46.21 1.20 0.00	40.68 1.13 0.00
HQ_GEN_IMPORT 323601	38.45 0.50 0.00	35.89 0.50 0.00	38.84 0.59 0.00	38.39 0.64 0.00	39.34 0.66 0.00	39.32 0.65 0.00	43.56 0.67 0.00	51.74 0.76 0.00	46.66 0.65 0.00	42.28 0.59 0.00	44.43 0.64 0.00	47.68 0.64 0.00	42.60 0.61 0.00	42.42 0.59 0.00	41.65 0.59 0.00	49.81 0.69 0.00	48.49 0.53 0.00	57.13 0.47 0.00	48.65 0.18 0.00	61.26 0.49 0.00	57.39 0.50 0.00	45.64 0.40 0.00	45.41 0.40 0.00	39.95 0.41 0.00
HQ_GEN_WHEEL 23651	38.45 0.50 0.00	35.89 0.50 0.00	38.84 0.59 0.00	38.39 0.64 0.00	39.34 0.66 0.00	39.32 0.65 0.00	43.56 0.67 0.00	51.74 0.76 0.00	46.66 0.65 0.00	42.28 0.59 0.00	44.43 0.64 0.00	47.68 0.64 0.00	42.60 0.61 0.00	42.42 0.59 0.00	41.65 0.59 0.00	49.81 0.69 0.00	48.49 0.53 0.00	57.13 0.47 0.00	48.65 0.18 0.00	61.26 0.49 0.00	57.39 0.50 0.00	45.64 0.40 0.00	45.41 0.40 0.00	39.95 0.41 0.00
HUDSON AVE_GT_3 23810	39.42 1.47 0.00	36.71 1.31 0.00	39.54 1.28 0.00	38.98 1.24 0.00	39.91 1.23 0.00	39.96 1.29 0.00	44.53 1.64 0.00	53.19 2.21 0.00	48.03 2.02 0.00	43.59 1.90 0.00	45.79 2.01 0.00	49.52 2.47 0.00	44.35 2.35 0.00	44.22 2.39 0.00	43.32 2.25 0.00	51.78 2.66 0.00	50.71 2.75 0.00	59.84 3.19 0.00	51.46 2.98 0.00	63.99 3.21 0.00	59.95 3.06 0.00	47.61 2.37 0.00	47.37 2.36 0.00	41.55 2.01 0.00
HUDSON AVE_GT_4 23540	39.42 1.47 0.00	36.71 1.31 0.00	39.54 1.28 0.00	38.98 1.24 0.00	39.91 1.23 0.00	39.96 1.29 0.00	44.53 1.64 0.00	53.19 2.21 0.00	48.03 2.02 0.00	43.59 1.90 0.00	45.79 2.01 0.00	49.52 2.47 0.00	44.35 2.35 0.00	44.22 2.39 0.00	43.32 2.25 0.00	51.78 2.66 0.00	50.71 2.75 0.00	59.84 3.19 0.00	51.46 2.98 0.00	63.99 3.21 0.00	59.95 3.06 0.00	47.61 2.37 0.00	47.37 2.36 0.00	41.55 2.01 0.00
HUDSON AVE_GT_5 23657	39.42 1.47 0.00	36.71 1.31 0.00	39.54 1.28 0.00	38.98 1.24 0.00	39.91 1.23 0.00	39.96 1.29 0.00	44.53 1.64 0.00	53.19 2.21 0.00	48.03 2.02 0.00	43.59 1.90 0.00	45.79 2.01 0.00	49.52 2.47 0.00	44.35 2.35 0.00	44.22 2.39 0.00	43.32 2.25 0.00	51.78 2.66 0.00	50.71 2.75 0.00	59.84 3.19 0.00	51.46 2.98 0.00	63.99 3.21 0.00	59.95 3.06 0.00	47.61 2.37 0.00	47.37 2.36 0.00	41.55 2.01 0.00
HUDSON_AVE_10 24168	39.39 1.44 0.00	36.70 1.30 0.00	39.50 1.24 0.00	38.94 1.19 0.00	39.85 1.17 0.00	39.90 1.22 0.00	44.43 1.54 0.00	53.06 2.09 0.00	47.92 1.90 0.00	43.48 1.79 0.00	45.69 1.91 0.00	49.41 2.37 0.00	44.24 2.24 0.00	44.12 2.28 0.00	43.21 2.15 0.00	51.66 2.55 0.00	50.60 2.65 0.00	59.68 3.02 0.00	51.34 2.87 0.00	63.84 3.06 0.00	59.80 2.91 0.00	47.49 2.26 0.00	47.28 2.26 0.00	41.48 1.93 0.00
HUDSON___115KV_TB 4 355613	39.48 1.53 0.00	36.82 1.42 0.00	39.76 1.51 0.00	39.26 1.51 0.00	40.23 1.55 0.00	40.17 1.51 0.00	44.46 1.57 0.00	52.85 1.87 0.00	47.78 1.77 0.00	43.36 1.66 0.00	45.45 1.67 0.00	48.66 1.62 0.00	43.30 1.31 0.00	43.38 1.55 0.00	42.34 1.28 0.00	50.37 1.26 0.00	49.87 1.91 0.00	59.25 2.60 0.00	50.88 2.41 0.00	63.49 2.72 0.00	59.42 2.52 0.00	47.15 1.92 0.00	46.85 1.84 0.00	41.16 1.62 0.00
HUNTER MOUNT___DRP 323613	39.72 1.77 0.00	37.04 1.64 0.00	40.02 1.76 0.00	39.50 1.75 0.00	40.49 1.81 0.00	40.45 1.78 0.00	44.78 1.89 0.00	53.22 2.24 0.00	48.14 2.13 0.00	43.68 1.99 0.00	45.76 1.98 0.00	48.93 1.89 0.00	43.48 1.49 0.00	43.59 1.76 0.00	42.55 1.48 0.00	50.65 1.54 0.00	50.16 2.21 0.00	59.66 3.00 0.00	51.22 2.75 0.00	63.92 3.15 0.00	59.81 2.91 0.00	47.44 2.21 0.00	47.13 2.12 0.00	41.40 1.85 0.00
HUNTINGTON_RES_REC 323705	39.77 1.82 0.00	37.05 1.66 0.00	39.79 1.54 0.00	39.09 1.33 0.00	39.95 1.27 0.00	40.19 1.52 0.00	45.00 2.11 0.00	53.55 2.57 0.00	47.92 1.91 0.00	43.37 1.68 0.00	45.53 1.74 0.00	49.63 2.59 0.00	44.49 2.49 0.00	44.48 2.64 0.00	43.38 2.32 0.00	53.40 2.98 -1.31	105.83 3.44 -54.44	158.65 3.94 -98.04	171.93 3.56 -119.90	64.51 3.74 0.00	60.39 3.49 0.00	47.98 2.75 0.00	47.70 2.69 0.00	41.64 2.09 0.00
HUNTLEY___63 23557	35.40 -2.55 0.00	33.10 -2.30 0.00	35.74 -2.51 0.00	35.20 -2.55 0.00	36.02 -2.66 0.00	35.94 -2.73 0.00	39.58 -3.31 0.00	46.67 -4.31 0.00	42.42 -3.59 0.00	38.46 -3.23 0.00	40.16 -3.62 0.00	42.95 -4.09 0.00	37.18 -3.96 0.85	37.51 -4.10 0.23	36.14 -3.98 0.94	44.38 -4.74 0.00	39.21 -4.89 3.85	50.60 -5.59 0.47	42.46 -4.90 1.11	55.07 -5.70 0.00	51.22 -5.67 0.00	41.17 -4.07 0.00	41.27 -3.74 0.00	36.37 -3.17 0.00
HUNTLEY___64 23558	35.40 -2.55 0.00	33.10 -2.30 0.00	35.74 -2.51 0.00	35.20 -2.55 0.00	36.02 -2.66 0.00	35.94 -2.73 0.00	39.58 -3.31 0.00	46.67 -4.31 0.00	42.42 -3.59 0.00	38.46 -3.23 0.00	40.16 -3.62 0.00	42.95 -4.09 0.00	37.18 -3.96 0.85	37.51 -4.10 0.23	36.14 -3.98 0.94	44.38 -4.74 0.00	39.21 -4.89 3.85	50.60 -5.59 0.47	42.46 -4.90 1.11	55.07 -5.70 0.00	51.22 -5.67 0.00	41.17 -4.07 0.00	41.27 -3.74 0.00	36.37 -3.17 0.00
HUNTLEY___65 23559	35.40 -2.55 0.00	33.10 -2.30 0.00	35.74 -2.51 0.00	35.20 -2.55 0.00	36.02 -2.66 0.00	35.94 -2.73 0.00	39.58 -3.31 0.00	46.67 -4.31 0.00	42.42 -3.59 0.00	38.46 -3.23 0.00	40.16 -3.62 0.00	42.95 -4.09 0.00	37.18 -3.96 0.85	37.51 -4.10 0.23	36.14 -3.98 0.94	44.38 -4.74 0.00	39.21 -4.89 3.85	50.60 -5.59 0.47	42.46 -4.90 1.11	55.07 -5.70 0.00	51.22 -5.67 0.00	41.17 -4.07 0.00	41.27 -3.74 0.00	36.37 -3.17 0.00
HUNTLEY___66 23560	35.40 -2.55 0.00	33.10 -2.30 0.00	35.74 -2.51 0.00	35.20 -2.55 0.00	36.02 -2.66 0.00	35.94 -2.73 0.00	39.58 -3.31 0.00	46.67 -4.31 0.00	42.42 -3.59 0.00	38.46 -3.23 0.00	40.16 -3.62 0.00	42.95 -4.09 0.00	37.18 -3.96 0.85	37.51 -4.10 0.23	36.14 -3.98 0.94	44.38 -4.74 0.00	39.21 -4.89 3.85	50.60 -5.59 0.47	42.46 -4.90 1.11	55.07 -5.70 0.00	51.22 -5.67 0.00	41.17 -4.07 0.00	41.27 -3.74 0.00	36.37 -3.17 0.00

HUNTLEY___67 23561	35.24 -2.71 0.00	32.95 -2.45 0.00	35.59 -2.67 0.00	35.05 -2.70 0.00	35.85 -2.83 0.00	35.76 -2.91 0.00	39.37 -3.52 0.00	46.44 -4.54 0.00	42.16 -3.85 0.00	38.22 -3.48 0.00	39.91 -3.88 0.00	42.70 -4.34 0.00	36.93 -4.18 0.89	37.27 -4.30 0.26	35.85 -4.20 1.02	44.15 -4.96 0.00	38.83 -5.11 4.02	50.25 -5.87 0.55	42.00 -5.17 1.30	54.85 -5.92 0.00	51.07 -5.83 0.00	41.06 -4.18 0.00	41.13 -3.88 0.00	36.19 -3.35 0.00
HUNTLEY___68 23562	35.24 -2.71 0.00	32.95 -2.45 0.00	35.59 -2.67 0.00	35.05 -2.70 0.00	35.85 -2.83 0.00	35.76 -2.91 0.00	39.37 -3.52 0.00	46.44 -4.54 0.00	42.16 -3.85 0.00	38.22 -3.48 0.00	39.91 -3.88 0.00	42.70 -4.34 0.00	36.93 -4.18 0.89	37.27 -4.30 0.26	35.85 -4.20 1.02	44.15 -4.96 0.00	38.83 -5.11 4.02	50.25 -5.87 0.55	42.00 -5.17 1.30	54.85 -5.92 0.00	51.07 -5.83 0.00	41.06 -4.18 0.00	41.13 -3.88 0.00	36.19 -3.35 0.00
HYLAND___LFGE 323620	37.82 -0.13 0.00	35.27 -0.13 0.00	38.03 -0.22 0.00	37.50 -0.25 0.00	38.32 -0.36 0.00	38.25 -0.43 0.00	42.63 -0.26 0.00	50.49 -0.49 0.00	45.72 -0.29 0.00	41.10 -0.59 0.00	42.94 -0.85 0.00	45.43 -1.61 0.00	38.98 -1.69 1.32	40.70 -1.82 -0.68	39.42 -1.80 -0.16	46.84 -2.28 0.00	40.18 -1.78 6.00	57.16 -1.42 -1.92	52.23 -0.83 -4.59	60.24 -0.53 0.00	55.96 -0.94 0.00	44.75 -0.49 0.00	44.62 -0.39 0.00	38.98 -0.56 0.00
INDECK___CORINTH 23802	39.80 1.84 0.00	37.10 1.70 0.00	40.26 2.00 0.00	39.72 1.97 0.00	40.72 2.03 0.00	40.70 2.02 0.00	45.42 2.53 0.00	53.88 2.91 0.00	48.67 2.66 0.00	44.16 2.47 0.00	46.27 2.49 0.00	49.61 2.56 0.00	44.29 2.30 0.00	44.41 2.57 0.00	43.53 2.47 0.00	52.17 3.05 0.00	50.99 3.04 0.00	60.49 3.83 0.00	51.79 3.32 0.00	64.74 3.97 0.00	60.57 3.68 0.00	48.23 2.99 0.00	48.97 3.96 0.00	43.26 3.71 0.00
INDECK___ILION 23567	38.15 0.19 0.00	35.50 0.10 0.00	38.26 0.01 0.00	37.76 0.01 0.00	38.65 -0.03 0.00	38.67 0.00 0.00	42.94 0.05 0.00	51.02 0.04 0.00	46.08 0.07 0.00	41.83 0.13 0.00	43.89 0.10 0.00	47.24 0.20 0.00	42.09 0.10 0.00	41.95 0.12 0.00	41.09 0.03 0.00	49.18 0.06 0.00	48.02 0.07 0.00	57.03 0.37 0.00	49.07 0.59 0.00	61.29 0.51 0.00	57.33 0.44 0.00	45.52 0.28 0.00	45.25 0.24 0.00	39.72 0.18 0.00
INDECK___OLEAN 23982	36.76 -1.19 0.00	34.38 -1.02 0.00	37.26 -0.99 0.00	36.74 -1.01 0.00	37.46 -1.22 0.00	37.28 -1.39 0.00	40.98 -1.91 0.00	48.64 -2.34 0.00	43.72 -2.29 0.00	39.55 -2.15 0.00	41.36 -2.42 0.00	44.55 -2.49 0.00	38.31 -2.49 1.20	39.37 -2.35 0.11	37.76 -2.30 1.01	46.56 -2.55 0.00	39.87 -2.65 5.43	53.27 -3.27 0.12	45.53 -2.65 0.29	57.73 -3.05 0.00	53.93 -2.96 0.00	43.44 -1.79 0.00	43.67 -1.34 0.00	38.21 -1.33 0.00
INDECK___OSWEGO 23783	38.07 0.11 0.00	35.51 0.10 0.00	38.29 0.03 0.00	37.70 -0.05 0.00	38.70 0.02 0.00	38.72 0.05 0.00	42.97 0.08 0.00	51.27 0.29 0.00	46.22 0.21 0.00	41.65 -0.04 0.00	43.79 0.01 0.00	46.98 -0.06 0.00	41.93 -0.06 0.00	41.69 -0.15 0.00	41.02 -0.04 0.00	49.04 -0.08 0.00	47.90 -0.06 0.00	56.73 0.07 0.00	48.64 0.16 0.00	60.97 0.19 0.00	56.89 -0.01 0.00	45.23 -0.01 0.00	44.86 -0.15 0.00	39.27 -0.28 0.00
INDECK___YERKES 23781	35.43 -2.52 0.00	33.13 -2.27 0.00	35.77 -2.48 0.00	35.23 -2.52 0.00	36.06 -2.62 0.00	35.96 -2.70 0.00	39.61 -3.27 0.00	46.71 -4.27 0.00	42.46 -3.55 0.00	38.50 -3.19 0.00	40.20 -3.58 0.00	42.99 -4.05 0.00	37.19 -3.95 0.85	37.55 -4.05 0.23	36.17 -3.94 0.94	44.43 -4.69 0.00	39.27 -4.84 3.85	50.67 -5.52 0.47	42.51 -4.85 1.11	55.13 -5.65 0.00	51.27 -5.62 0.00	41.21 -4.02 0.00	41.32 -3.69 0.00	36.41 -3.13 0.00
INDIAN POINT_GT_1 24139	39.12 1.16 0.00	36.43 1.03 0.00	39.28 1.03 0.00	38.74 0.99 0.00	39.66 0.98 0.00	39.69 1.02 0.00	44.21 1.32 0.00	52.76 1.78 0.00	47.62 1.61 0.00	43.20 1.51 0.00	45.36 1.58 0.00	48.96 1.92 0.00	43.84 1.84 0.00	43.72 1.89 0.00	42.84 1.78 0.00	51.23 2.11 0.00	50.16 2.21 0.00	59.25 2.59 0.00	50.94 2.47 0.00	63.41 2.63 0.00	59.42 2.53 0.00	47.17 1.94 0.00	46.96 1.95 0.00	41.20 1.66 0.00
INDIAN POINT_GT_2 23659	39.12 1.16 0.00	36.43 1.03 0.00	39.28 1.03 0.00	38.74 0.99 0.00	39.66 0.98 0.00	39.69 1.02 0.00	44.21 1.32 0.00	52.76 1.78 0.00	47.62 1.61 0.00	43.20 1.51 0.00	45.36 1.58 0.00	48.96 1.92 0.00	43.84 1.84 0.00	43.72 1.89 0.00	42.84 1.78 0.00	51.23 2.11 0.00	50.16 2.21 0.00	59.25 2.59 0.00	50.94 2.47 0.00	63.41 2.63 0.00	59.42 2.53 0.00	47.17 1.94 0.00	46.96 1.95 0.00	41.20 1.66 0.00
INDIAN POINT_GT_3 24019	39.12 1.16 0.00	36.43 1.03 0.00	39.28 1.03 0.00	38.74 0.99 0.00	39.66 0.98 0.00	39.69 1.02 0.00	44.21 1.32 0.00	52.76 1.78 0.00	47.62 1.61 0.00	43.20 1.51 0.00	45.36 1.58 0.00	48.96 1.92 0.00	43.84 1.84 0.00	43.72 1.89 0.00	42.84 1.78 0.00	51.23 2.11 0.00	50.16 2.21 0.00	59.25 2.59 0.00	50.94 2.47 0.00	63.41 2.63 0.00	59.42 2.53 0.00	47.17 1.94 0.00	46.96 1.95 0.00	41.20 1.66 0.00
INDIAN POINT___2 23530	39.09 1.14 0.00	36.39 0.99 0.00	39.26 1.00 0.00	38.72 0.97 0.00	39.64 0.96 0.00	39.66 0.99 0.00	44.17 1.28 0.00	52.71 1.73 0.00	47.57 1.56 0.00	43.16 1.47 0.00	45.30 1.52 0.00	48.91 1.87 0.00	43.80 1.81 0.00	43.68 1.84 0.00	42.81 1.74 0.00	51.15 2.03 0.00	50.11 2.15 0.00	59.17 2.52 0.00	50.89 2.42 0.00	63.34 2.57 0.00	59.34 2.44 0.00	47.11 1.88 0.00	46.92 1.91 0.00	41.16 1.62 0.00
INDIAN POINT___3 23531	39.10 1.15 0.00	36.41 1.01 0.00	39.26 1.01 0.00	38.72 0.97 0.00	39.65 0.97 0.00	39.67 1.00 0.00	44.17 1.28 0.00	52.71 1.73 0.00	47.55 1.54 0.00	43.16 1.47 0.00	45.31 1.52 0.00	48.91 1.87 0.00	43.79 1.79 0.00	43.67 1.84 0.00	42.79 1.73 0.00	51.15 2.03 0.00	50.10 2.15 0.00	59.17 2.51 0.00	50.89 2.42 0.00	63.34 2.56 0.00	59.34 2.44 0.00	47.11 1.88 0.00	46.92 1.90 0.00	41.17 1.63 0.00
INGHAM_C_115KV_TB7 356103	38.19 0.23 0.00	35.46 0.06 0.00	38.16 -0.09 0.00	37.67 -0.09 0.00	38.51 -0.17 0.00	38.55 -0.12 0.00	42.85 -0.04 0.00	50.90 -0.08 0.00	46.03 0.03 0.00	41.88 0.19 0.00	43.82 0.03 0.00	47.25 0.21 0.00	41.98 -0.02 0.00	41.86 0.02 0.00	40.96 -0.10 0.00	49.06 -0.06 0.00	47.96 0.01 0.00	57.28 0.62 0.00	49.48 1.01 0.00	61.64 0.87 0.00	57.66 0.77 0.00	45.76 0.53 0.00	45.44 0.43 0.00	39.88 0.33 0.00
IP CORINTH___1 23988	39.99 2.05 0.00	37.29 1.89 0.00	40.46 2.21 0.00	39.92 2.17 0.00	40.92 2.24 0.00	40.90 2.23 0.00	45.66 2.77 0.00	54.18 3.20 0.00	48.93 2.92 0.00	44.40 2.70 0.00	46.52 2.74 0.00	49.87 2.83 0.00	44.50 2.51 0.00	44.62 2.78 0.00	43.73 2.67 0.00	52.42 3.30 0.00	51.25 3.29 0.00	60.81 4.15 0.00	52.07 3.59 0.00	65.08 4.30 0.00	60.89 4.00 0.00	48.45 3.22 0.00	49.01 4.00 0.00	43.25 3.71 0.00

IP___TICONDEROGA 23804	41.38 3.43 0.00	38.59 3.19 0.00	42.12 3.86 0.00	41.57 3.82 0.00	42.54 3.86 0.00	42.32 3.65 0.00	47.66 4.77 0.00	56.36 5.38 0.00	50.53 4.52 0.00	45.87 4.17 0.00	48.34 4.56 0.00	51.48 4.44 0.00	45.96 3.97 0.00	46.33 4.50 0.00	45.47 4.41 0.00	54.44 5.33 0.00	53.16 5.20 0.00	63.48 6.82 0.00	54.62 6.15 0.00	68.50 7.73 0.00	64.09 7.20 0.00	50.75 5.52 0.00	50.64 5.62 0.00	44.83 5.29 0.00
ISLIP_RES_REC 323679	40.07 2.12 0.00	37.35 1.95 0.00	40.08 1.83 0.00	39.33 1.58 0.00	40.23 1.50 -0.05	40.54 1.87 0.00	45.50 2.61 0.00	54.03 3.06 0.00	49.62 2.20 -1.41	44.38 1.91 -0.77	48.02 1.97 -2.27	52.02 2.91 -2.07	46.10 2.79 -1.31	45.65 2.92 -0.90	44.39 2.62 -0.71	54.40 3.38 -1.90	106.49 4.09 -54.44	159.32 4.62 -98.04	172.43 4.06 -119.90	65.97 4.20 -0.99	61.17 4.00 -0.27	48.42 3.19 0.00	48.12 3.11 0.00	41.98 2.44 0.00
JAMAICA__27_KV_LOAD 355505	39.86 1.91 0.00	37.17 1.76 -0.01	39.91 1.65 0.00	39.32 1.57 0.00	40.23 1.55 0.00	40.21 1.54 0.00	44.73 1.84 0.00	53.44 2.46 0.00	48.22 2.21 0.00	43.76 2.07 0.00	46.04 2.26 0.00	49.75 2.71 0.00	44.53 2.53 0.00	44.39 2.56 0.00	43.48 2.42 0.00	52.02 2.90 0.00	50.96 3.00 0.00	60.02 3.36 0.00	51.69 3.22 0.00	64.29 3.51 0.00	60.17 3.28 0.00	47.79 2.56 0.00	47.63 2.62 0.00	41.79 2.25 0.00
JANIS___SOLAR 323808	39.01 1.06 0.00	36.28 0.87 0.00	39.12 0.87 0.00	38.40 0.64 0.00	39.33 0.66 0.00	39.17 0.50 0.00	43.67 0.78 0.00	52.02 1.04 0.00	47.01 1.00 0.00	42.25 0.56 0.00	44.31 0.52 0.00	47.50 0.46 0.00	44.66 0.35 -2.32	41.96 -0.06 -0.18	43.29 0.35 -1.88	49.60 0.49 0.00	58.96 0.49 -10.52	58.11 1.32 -0.13	50.04 1.27 -0.30	62.08 1.31 0.00	58.03 1.13 0.00	46.15 0.92 0.00	45.87 0.86 0.00	40.23 0.68 0.00
JARVIS____ 23743	38.01 0.06 0.00	35.43 0.04 0.00	38.26 0.00 0.00	37.75 0.00 0.00	38.68 0.00 0.00	38.67 0.00 0.00	42.89 0.00 0.00	50.98 0.00 0.00	46.00 0.00 0.00	41.69 0.00 0.00	43.78 0.00 0.00	47.08 0.04 0.00	42.01 0.01 0.00	41.85 0.02 0.00	41.06 -0.01 0.00	49.11 -0.01 0.00	48.00 0.05 0.00	56.75 0.09 0.00	48.63 0.16 0.00	60.89 0.11 0.00	56.99 0.09 0.00	45.29 0.06 0.00	45.07 0.06 0.00	39.57 0.03 0.00
JENNISON___1 23625	38.92 0.96 0.00	36.05 0.65 0.00	38.86 0.60 0.00	37.70 -0.05 0.00	38.39 -0.29 0.00	38.21 -0.46 0.00	42.57 -0.32 0.00	50.87 -0.11 0.00	46.31 0.30 0.00	41.73 0.04 0.00	43.73 -0.05 0.00	47.10 0.06 0.00	42.04 -0.44 -0.48	41.22 -0.64 -0.03	41.33 -0.11 -0.38	48.71 -0.41 0.00	49.81 -0.35 -2.20	56.76 0.10 0.00	48.71 0.24 0.00	60.78 0.01 0.00	56.85 -0.04 0.00	45.37 0.14 0.00	45.26 0.25 0.00	39.71 0.16 0.00
JENNISON___2 23626	38.92 0.96 0.00	36.05 0.65 0.00	38.86 0.60 0.00	37.70 -0.05 0.00	38.39 -0.29 0.00	38.21 -0.46 0.00	42.57 -0.32 0.00	50.87 -0.11 0.00	46.31 0.30 0.00	41.73 0.04 0.00	43.73 -0.05 0.00	47.10 0.06 0.00	42.04 -0.44 -0.48	41.22 -0.64 -0.03	41.33 -0.11 -0.38	48.71 -0.41 0.00	49.81 -0.35 -2.20	56.76 0.10 0.00	48.71 0.24 0.00	60.78 0.01 0.00	56.85 -0.04 0.00	45.37 0.14 0.00	45.26 0.25 0.00	39.71 0.16 0.00
JERICHO_RISE_WT_PWR 323719	38.80 0.84 0.00	36.31 0.91 0.00	39.55 1.29 0.00	39.00 1.24 0.00	39.93 1.26 0.00	39.89 1.22 0.00	44.09 1.20 0.00	52.28 1.30 0.00	47.09 1.08 0.00	42.60 0.91 0.00	44.93 1.15 0.00	48.07 1.03 0.00	43.17 1.18 0.00	42.99 1.16 0.00	42.16 1.09 0.00	50.30 1.18 0.00	48.67 0.72 0.00	56.58 -0.07 0.00	47.85 -0.62 0.00	60.46 -0.32 0.00	56.77 -0.12 0.00	45.09 -0.14 0.00	44.88 -0.13 0.00	39.62 0.08 0.00
KATONAH___115KV_46KV_TB4 355592	39.40 1.45 0.00	36.69 1.29 0.00	39.56 1.31 0.00	39.02 1.27 0.00	39.96 1.28 0.00	40.01 1.34 0.00	44.60 1.72 0.00	53.23 2.25 0.00	48.05 2.04 0.00	43.57 1.88 0.00	45.76 1.97 0.00	49.38 2.34 0.00	44.17 2.18 0.00	44.07 2.24 0.00	43.19 2.13 0.00	51.65 2.54 0.00	50.59 2.63 0.00	59.79 3.13 0.00	51.43 2.96 0.00	64.05 3.28 0.00	59.99 3.10 0.00	47.60 2.36 0.00	47.33 2.32 0.00	41.50 1.95 0.00
KCE_NY_1 323755	39.83 1.88 0.00	37.12 1.72 0.00	40.23 1.98 0.00	39.66 1.91 0.00	40.65 1.97 0.00	40.64 1.97 0.00	45.25 2.36 0.00	53.72 2.74 0.00	48.46 2.45 0.00	43.98 2.29 0.00	46.16 2.37 0.00	49.52 2.48 0.00	44.17 2.18 0.00	44.17 2.34 0.00	43.33 2.26 0.00	51.90 2.79 0.00	50.83 2.88 0.00	60.13 3.48 0.00	51.64 3.16 0.00	64.47 3.69 0.00	60.40 3.51 0.00	47.96 2.73 0.00	47.98 2.97 0.00	42.19 2.64 0.00
KCE_NY_6_ESR 323823	35.86 -2.09 0.00	33.53 -1.87 0.00	36.23 -2.03 0.00	35.68 -2.07 0.00	36.45 -2.22 0.00	36.36 -2.31 0.00	40.09 -2.80 0.00	47.32 -3.66 0.00	42.88 -3.13 0.00	38.86 -2.83 0.00	40.54 -3.24 0.00	43.38 -3.66 0.00	37.43 -3.61 0.95	37.87 -3.69 0.27	36.41 -3.57 1.09	44.91 -4.20 0.00	39.33 -4.31 4.31	51.17 -4.93 0.56	42.81 -4.32 1.34	55.87 -4.91 0.00	52.08 -4.82 0.00	41.87 -3.36 0.00	41.97 -3.04 0.00	36.85 -2.70 0.00
KEDC_PORT_JEFF_GT2 24210	39.93 1.98 0.00	37.22 1.82 0.00	39.93 1.67 0.00	39.19 1.45 0.00	39.92 1.36 0.12	40.33 1.66 0.00	45.22 2.33 0.00	53.68 2.70 0.00	44.65 1.80 3.16	41.43 1.47 1.73	40.23 1.53 5.08	44.80 2.39 4.62	41.38 2.32 2.93	42.31 2.47 2.00	41.63 2.16 1.59	51.98 2.87 0.01	105.97 3.57 -54.44	158.67 3.97 -98.04	171.76 3.39 -119.90	62.16 3.60 2.22	59.83 3.54 0.61	48.05 2.82 0.00	47.79 2.77 0.00	41.69 2.15 0.00
KEDC_PORT_JEFF_GT3 24211	39.93 1.98 0.00	37.22 1.82 0.00	39.93 1.67 0.00	39.19 1.45 0.00	39.92 1.36 0.12	40.33 1.66 0.00	45.22 2.33 0.00	53.68 2.70 0.00	44.65 1.80 3.16	41.43 1.47 1.73	40.23 1.53 5.08	44.80 2.39 4.62	41.38 2.32 2.93	42.31 2.47 2.00	41.63 2.16 1.59	51.98 2.87 0.01	105.97 3.57 -54.44	158.67 3.97 -98.04	171.76 3.39 -119.90	62.16 3.60 2.22	59.83 3.54 0.61	48.05 2.82 0.00	47.79 2.77 0.00	41.69 2.15 0.00
KEDC_GLWD_GT4 24219	39.88 1.93 0.00	37.14 1.74 0.00	39.93 1.67 0.00	39.30 1.54 0.00	40.23 1.55 0.00	40.37 1.70 0.00	45.12 2.23 0.00	53.79 2.81 0.00	48.22 2.21 0.00	43.71 2.02 0.00	46.03 2.25 0.00	50.00 2.96 0.00	44.82 2.82 0.00	44.73 2.90 0.00	43.75 2.68 0.00	53.73 3.31 -1.31	105.82 3.42 -54.44	158.53 3.83 -98.04	171.89 3.52 -119.90	64.61 3.84 0.00	60.41 3.51 0.00	48.00 2.76 0.00	47.89 2.88 0.00	41.88 2.34 0.00
KEDC_GLWD_GT5 24220	39.88 1.93 0.00	37.14 1.74 0.00	39.93 1.67 0.00	39.30 1.54 0.00	40.23 1.55 0.00	40.37 1.70 0.00	45.12 2.23 0.00	53.79 2.81 0.00	48.22 2.21 0.00	43.71 2.02 0.00	46.03 2.25 0.00	50.00 2.96 0.00	44.82 2.82 0.00	44.73 2.90 0.00	43.75 2.68 0.00	53.73 3.31 -1.31	105.82 3.42 -54.44	158.53 3.83 -98.04	171.89 3.52 -119.90	64.61 3.84 0.00	60.41 3.51 0.00	48.00 2.76 0.00	47.89 2.88 0.00	41.88 2.34 0.00

KENSICO____ 23655	39.23 1.28 0.00	36.54 1.14 0.00	39.38 1.13 0.00	38.84 1.09 0.00	39.76 1.09 0.00	39.80 1.13 0.00	44.35 1.46 0.00	52.92 1.95 0.00	47.76 1.75 0.00	43.34 1.64 0.00	45.51 1.72 0.00	49.14 2.10 0.00	43.99 2.00 0.00	43.88 2.04 0.00	42.99 1.93 0.00	51.40 2.29 0.00	50.34 2.39 0.00	59.45 2.79 0.00	51.12 2.65 0.00	63.62 2.85 0.00	59.60 2.70 0.00	47.33 2.09 0.00	47.10 2.09 0.00	41.32 1.77 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.40 1.45 0.00	36.68 1.28 0.00	39.59 1.34 0.00	39.06 1.31 0.00	40.01 1.33 0.00	40.09 1.42 0.00	44.72 1.83 0.00	53.37 2.40 0.00	48.20 2.19 0.00	43.73 2.04 0.00	45.88 2.10 0.00	49.49 2.45 0.00	44.31 2.32 0.00	44.16 2.32 0.00	43.07 2.01 0.00	51.49 2.37 0.00	50.52 2.56 0.00	59.79 3.13 0.00	51.48 3.01 0.00	64.17 3.39 0.00	60.09 3.19 0.00	47.66 2.43 0.00	47.37 2.35 0.00	41.53 1.98 0.00
KIAC_JFK_GT1 23816	39.63 1.68 0.00	36.96 1.55 -0.01	39.68 1.43 0.00	39.10 1.35 0.00	39.96 1.28 0.00	39.83 1.16 0.00	44.30 1.41 0.00	52.90 1.92 0.00	47.75 1.74 0.00	43.35 1.66 0.00	45.76 1.97 0.00	49.45 2.41 0.00	44.28 2.29 0.00	44.15 2.31 0.00	43.24 2.17 0.00	51.72 2.61 0.00	50.61 2.66 0.00	59.44 2.78 0.00	51.18 2.70 0.00	63.66 2.88 0.00	59.59 2.70 0.00	47.33 2.09 0.00	47.34 2.33 0.00	41.55 2.01 0.00
KIAC_JFK_GT2 23817	39.63 1.68 0.00	36.96 1.55 -0.01	39.68 1.43 0.00	39.10 1.35 0.00	39.96 1.28 0.00	39.83 1.16 0.00	44.30 1.41 0.00	52.90 1.92 0.00	47.75 1.74 0.00	43.35 1.66 0.00	45.76 1.97 0.00	49.45 2.41 0.00	44.28 2.29 0.00	44.15 2.31 0.00	43.24 2.17 0.00	51.72 2.61 0.00	50.61 2.66 0.00	59.44 2.78 0.00	51.18 2.70 0.00	63.66 2.88 0.00	59.59 2.70 0.00	47.33 2.09 0.00	47.34 2.33 0.00	41.55 2.01 0.00
KIAC_JFK____ 323774	39.63 1.68 0.00	36.96 1.55 -0.01	39.68 1.42 0.00	39.10 1.35 0.00	39.95 1.27 0.00	39.83 1.16 0.00	44.30 1.41 0.00	52.90 1.92 0.00	47.75 1.74 0.00	43.36 1.66 0.00	45.76 1.97 0.00	49.45 2.41 0.00	44.28 2.29 0.00	44.14 2.30 0.00	43.26 2.19 0.00	51.72 2.61 0.00	50.61 2.65 0.00	59.44 2.78 0.00	51.18 2.71 0.00	63.66 2.89 0.00	59.59 2.70 0.00	47.33 2.09 0.00	47.34 2.33 0.00	41.55 2.01 0.00
KINTIGH____ 23543	35.13 -2.82 0.00	32.85 -2.55 0.00	35.49 -2.77 0.00	34.97 -2.78 0.00	35.83 -2.85 0.00	35.75 -2.92 0.00	39.40 -3.49 0.00	46.55 -4.43 0.00	42.21 -3.80 0.00	38.26 -3.43 0.00	40.02 -3.76 0.00	42.86 -4.19 0.00	37.34 -3.98 0.67	37.60 -4.09 0.15	36.37 -4.01 0.69	44.37 -4.75 0.00	40.04 -4.87 3.04	50.78 -5.59 0.28	42.87 -4.93 0.67	55.07 -5.70 0.00	51.30 -5.59 0.00	41.13 -4.10 0.00	41.13 -3.88 0.00	36.21 -3.33 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	39.61 1.66 0.00	37.07 1.68 0.00	40.60 2.34 0.00	39.83 2.08 0.00	40.74 2.07 0.00	40.66 1.99 0.00	44.95 2.06 0.00	53.24 2.26 0.00	47.83 1.82 0.00	43.20 1.50 0.00	45.77 1.99 0.00	48.94 1.90 0.00	44.03 2.03 0.00	43.90 2.07 0.00	43.09 2.03 0.00	51.29 2.17 0.00	49.56 1.60 0.00	57.24 0.58 0.00	48.14 -0.33 0.00	60.69 -0.08 0.00	57.04 0.14 0.00	45.18 -0.05 0.00	45.01 0.00 0.00	39.92 0.37 0.00
LACHUTE__HYDRO 323717	41.38 3.43 0.00	38.59 3.19 0.00	42.12 3.86 0.00	41.57 3.82 0.00	42.54 3.86 0.00	42.33 3.66 0.00	47.66 4.77 0.00	56.36 5.38 0.00	50.53 4.52 0.00	45.87 4.17 0.00	48.34 4.56 0.00	51.48 4.44 0.00	45.96 3.97 0.00	46.34 4.51 0.00	45.48 4.41 0.00	54.44 5.32 0.00	53.16 5.20 0.00	63.47 6.81 0.00	54.62 6.15 0.00	68.50 7.73 0.00	64.09 7.19 0.00	50.75 5.52 0.00	50.63 5.62 0.00	44.83 5.29 0.00
LAWRNCV_115KV_TB1 80681	39.14 1.19 0.00	36.54 1.14 0.00	39.61 1.35 0.00	39.38 1.63 0.00	40.31 1.63 0.00	40.11 1.44 0.00	44.29 1.41 0.00	52.70 1.72 0.00	47.48 1.46 0.00	42.83 1.13 0.00	45.05 1.26 0.00	48.41 1.37 0.00	43.61 1.62 0.00	43.37 1.54 0.00	42.58 1.51 0.00	50.96 1.84 0.00	49.54 1.59 0.00	58.12 1.46 0.00	49.07 0.60 0.00	62.02 1.25 0.00	58.11 1.21 0.00	46.38 1.15 0.00	46.20 1.19 0.00	40.64 1.10 0.00
LEDERLE____ 23769	39.22 1.27 0.00	36.51 1.11 0.00	39.38 1.13 0.00	38.85 1.10 0.00	39.78 1.10 0.00	39.79 1.12 0.00	44.30 1.41 0.00	52.90 1.92 0.00	47.74 1.73 0.00	43.33 1.64 0.00	45.47 1.69 0.00	49.09 2.05 0.00	43.95 1.96 0.00	43.84 2.00 0.00	42.95 1.89 0.00	51.33 2.21 0.00	50.28 2.33 0.00	59.40 2.74 0.00	51.10 2.62 0.00	63.58 2.81 0.00	59.56 2.67 0.00	47.28 2.05 0.00	47.07 2.06 0.00	41.32 1.77 0.00
LIGHTHSE_115KV_TB6 355974	38.25 0.29 0.00	35.67 0.27 0.00	38.41 0.15 0.00	37.81 0.06 0.00	38.86 0.17 0.00	38.79 0.12 0.00	42.86 -0.03 0.00	51.37 0.40 0.00	46.20 0.19 0.00	41.44 -0.25 0.00	43.66 -0.12 0.00	46.89 -0.16 0.00	41.86 -0.13 0.00	41.48 -0.36 0.00	40.76 -0.31 0.00	48.75 -0.37 0.00	47.61 -0.34 0.00	56.25 -0.41 0.00	48.27 -0.20 0.00	60.56 -0.21 0.00	56.50 -0.39 0.00	44.98 -0.25 0.00	44.60 -0.41 0.00	39.02 -0.53 0.00
LINDEN COGEN____ 23786	39.14 1.19 0.00	36.46 1.06 0.00	39.27 1.02 0.00	38.74 0.99 0.00	39.65 0.97 0.00	39.70 1.03 0.00	44.21 1.32 0.00	52.81 1.83 0.00	47.66 1.65 0.00	43.27 1.57 0.00	45.42 1.64 0.00	49.12 2.08 0.00	44.01 2.02 0.00	43.86 2.03 0.00	43.00 1.94 0.00	51.36 2.24 0.00	50.31 2.35 0.00	58.31 2.70 1.05	51.10 2.63 0.00	63.13 2.70 0.35	59.48 2.58 0.00	47.23 1.99 0.00	47.01 2.00 0.00	41.25 1.71 0.00
LINDHRST_69_KV_BK1 356055	40.13 2.18 0.00	37.38 1.98 0.00	40.15 1.89 0.00	39.47 1.71 0.00	40.37 1.69 0.00	40.58 1.90 0.00	45.36 2.47 0.00	54.02 3.04 0.00	48.48 2.47 0.00	43.91 2.21 0.00	46.08 2.29 0.00	50.15 3.11 0.00	44.95 2.95 0.00	44.92 3.09 0.00	43.86 2.79 0.00	54.01 3.58 -1.31	106.26 3.86 -54.44	159.20 4.50 -98.04	172.46 4.09 -119.90	65.26 4.49 0.00	61.02 4.12 0.00	48.47 3.24 0.00	48.20 3.18 0.00	42.07 2.53 0.00
LIPA_MISC_IPP 23656	39.02 1.07 0.00	36.53 1.13 0.00	38.95 0.70 0.00	38.17 0.42 0.00	37.08 0.11 1.71	39.56 0.89 0.00	44.69 1.80 0.00	52.56 1.58 0.00	1.12 0.44 45.33	17.25 0.33 24.77	-28.69 0.37 72.85	-18.05 1.24 66.33	1.29 1.32 42.03	14.67 1.48 28.64	19.46 1.17 22.78	33.25 1.69 17.55	105.67 3.27 -54.44	158.02 3.32 -98.04	171.17 2.81 -119.90	30.86 1.88 31.79	50.87 2.70 8.73	47.85 2.62 0.00	47.63 2.62 0.00	41.56 2.01 0.00
LISF__SOLAR 323691	39.14 1.19 0.00	36.63 1.24 0.00	39.08 0.82 0.00	38.29 0.54 0.00	37.04 0.27 1.91	39.68 1.01 0.00	44.81 1.92 0.00	52.75 1.77 0.00	-4.01 0.64 50.66	14.52 0.51 27.68	-37.09 0.55 81.41	-25.65 1.44 74.13	-3.49 1.48 46.97	11.47 1.64 32.01	16.96 1.35 25.45	31.25 1.90 19.77	105.79 3.39 -54.44	158.19 3.49 -98.04	171.33 2.96 -119.90	27.41 2.16 35.53	50.02 2.88 9.76	47.95 2.72 0.00	47.72 2.71 0.00	41.63 2.08 0.00

LITTLE FALLS___HYD 24013	38.19 0.23 0.00	35.46 0.06 0.00	38.16 -0.09 0.00	37.67 -0.09 0.00	38.51 -0.17 0.00	38.55 -0.12 0.00	42.85 -0.04 0.00	50.90 -0.08 0.00	46.03 0.03 0.00	41.88 0.19 0.00	43.82 0.03 0.00	47.25 0.21 0.00	41.98 -0.02 0.00	41.86 0.02 0.00	40.96 -0.10 0.00	49.06 -0.06 0.00	47.96 0.01 0.00	57.28 0.62 0.00	49.48 1.01 0.00	61.64 0.87 0.00	57.66 0.77 0.00	45.76 0.53 0.00	45.44 0.43 0.00	39.88 0.33 0.00
LITTLRIV_115KV_TB1 356100	39.72 1.77 0.00	37.06 1.66 0.00	40.18 1.92 0.00	39.95 2.20 0.00	40.92 2.24 0.00	40.79 2.11 0.00	45.10 2.21 0.00	53.66 2.68 0.00	48.35 2.34 0.00	43.61 1.91 0.00	45.85 2.06 0.00	49.23 2.20 0.00	44.39 2.39 0.00	44.16 2.32 0.00	43.34 2.28 0.00	51.86 2.74 0.00	50.48 2.52 0.00	59.26 2.60 0.00	50.01 1.54 0.00	63.24 2.47 0.00	59.22 2.33 0.00	47.23 2.00 0.00	46.98 1.97 0.00	41.31 1.77 0.00
LI_NEWBRDGE___DRP 323616	39.58 1.63 0.00	36.86 1.46 0.00	39.65 1.39 0.00	38.99 1.24 0.00	39.90 1.22 0.00	40.05 1.38 0.00	44.75 1.86 0.00	53.34 2.36 0.00	47.89 1.88 0.00	43.41 1.72 0.00	45.60 1.82 0.00	49.53 2.49 0.00	44.37 2.38 0.00	44.33 2.49 0.00	43.30 2.23 0.00	53.23 2.80 -1.31	105.39 2.99 -54.44	158.17 3.47 -98.04	171.59 3.22 -119.90	64.21 3.43 0.00	60.06 3.16 0.00	47.71 2.48 0.00	47.47 2.46 0.00	41.52 1.98 0.00
LOCKPORT_115KV_TB60_63_64 80432	35.02 -2.93 0.00	32.75 -2.65 0.00	35.38 -2.87 0.00	34.85 -2.90 0.00	35.70 -2.98 0.00	35.61 -3.06 0.00	39.17 -3.72 0.00	46.16 -4.82 0.00	41.97 -4.04 0.00	38.04 -3.66 0.00	39.74 -4.04 0.00	42.48 -4.56 0.00	36.85 -4.35 0.79	37.13 -4.50 0.20	35.85 -4.36 0.86	43.87 -5.25 0.00	39.09 -5.32 3.55	50.09 -6.17 0.40	42.12 -5.41 0.94	54.54 -6.24 0.00	50.75 -6.14 0.00	40.81 -4.42 0.00	40.88 -4.13 0.00	35.98 -3.56 0.00
LOCKPORT___CC1 323769	35.02 -2.94 0.00	32.75 -2.65 0.00	35.38 -2.87 0.00	34.85 -2.90 0.00	35.70 -2.98 0.00	35.59 -3.08 0.00	39.15 -3.74 0.00	46.13 -4.84 0.00	41.95 -4.06 0.00	38.02 -3.68 0.00	39.71 -4.07 0.00	42.43 -4.60 0.00	36.78 -4.41 0.81	37.08 -4.53 0.21	35.76 -4.42 0.89	43.84 -5.28 0.00	39.00 -5.34 3.61	50.03 -6.19 0.43	42.01 -5.44 1.03	54.48 -6.30 0.00	50.72 -6.18 0.00	40.79 -4.45 0.00	40.85 -4.16 0.00	35.96 -3.58 0.00
LOCKPORT___CC2 323770	35.02 -2.94 0.00	32.75 -2.65 0.00	35.38 -2.87 0.00	34.85 -2.90 0.00	35.70 -2.98 0.00	35.59 -3.08 0.00	39.15 -3.74 0.00	46.13 -4.84 0.00	41.95 -4.06 0.00	38.02 -3.68 0.00	39.71 -4.07 0.00	42.43 -4.60 0.00	36.78 -4.41 0.81	37.08 -4.53 0.21	35.76 -4.42 0.89	43.84 -5.28 0.00	39.00 -5.34 3.61	50.03 -6.19 0.43	42.01 -5.44 1.03	54.48 -6.30 0.00	50.72 -6.18 0.00	40.79 -4.45 0.00	40.85 -4.16 0.00	35.96 -3.58 0.00
LOCKPORT___CC3 323771	35.02 -2.94 0.00	32.75 -2.65 0.00	35.38 -2.87 0.00	34.85 -2.90 0.00	35.70 -2.98 0.00	35.59 -3.08 0.00	39.15 -3.74 0.00	46.13 -4.84 0.00	41.95 -4.06 0.00	38.02 -3.68 0.00	39.71 -4.07 0.00	42.43 -4.60 0.00	36.78 -4.41 0.81	37.08 -4.53 0.21	35.76 -4.42 0.89	43.84 -5.28 0.00	39.00 -5.34 3.61	50.03 -6.19 0.43	42.01 -5.44 1.03	54.48 -6.30 0.00	50.72 -6.18 0.00	40.79 -4.45 0.00	40.85 -4.16 0.00	35.96 -3.58 0.00
LONG_LAKE_PHOENIX 24014	37.70 -0.25 0.00	35.18 -0.22 0.00	37.93 -0.32 0.00	37.36 -0.39 0.00	38.34 -0.34 0.00	38.37 -0.30 0.00	42.62 -0.27 0.00	50.79 -0.19 0.00	45.81 -0.20 0.00	41.40 -0.29 0.00	43.48 -0.31 0.00	46.58 -0.46 0.00	41.67 -0.33 0.00	41.44 -0.39 0.00	40.86 -0.21 0.00	48.74 -0.38 0.00	47.59 -0.36 0.00	56.36 -0.30 0.00	48.32 -0.15 0.00	60.56 -0.22 0.00	56.49 -0.41 0.00	44.89 -0.34 0.00	44.52 -0.49 0.00	38.98 -0.56 0.00
LOVETT___3 23632	39.03 1.08 0.00	36.34 0.94 0.00	39.21 0.96 0.00	38.67 0.92 0.00	39.61 0.93 0.00	39.59 0.92 0.00	44.05 1.16 0.00	52.57 1.60 0.00	47.46 1.45 0.00	43.06 1.37 0.00	45.21 1.42 0.00	48.81 1.77 0.00	43.70 1.71 0.00	43.59 1.76 0.00	42.72 1.65 0.00	51.05 1.93 0.00	50.01 2.05 0.00	59.06 2.40 0.00	50.79 2.32 0.00	63.21 2.43 0.00	59.22 2.32 0.00	47.02 1.79 0.00	46.83 1.82 0.00	41.11 1.57 0.00
LOVETT___4 23642	39.03 1.08 0.00	36.34 0.94 0.00	39.21 0.96 0.00	38.67 0.92 0.00	39.61 0.93 0.00	39.59 0.92 0.00	44.05 1.16 0.00	52.57 1.60 0.00	47.46 1.45 0.00	43.06 1.37 0.00	45.21 1.42 0.00	48.81 1.77 0.00	43.70 1.71 0.00	43.59 1.76 0.00	42.72 1.65 0.00	51.05 1.93 0.00	50.01 2.05 0.00	59.06 2.40 0.00	50.79 2.32 0.00	63.21 2.43 0.00	59.22 2.32 0.00	47.02 1.79 0.00	46.83 1.82 0.00	41.11 1.57 0.00
LOVETT___5 23593	39.03 1.08 0.00	36.34 0.94 0.00	39.21 0.96 0.00	38.67 0.92 0.00	39.61 0.93 0.00	39.59 0.92 0.00	44.05 1.16 0.00	52.57 1.60 0.00	47.46 1.45 0.00	43.06 1.37 0.00	45.21 1.42 0.00	48.81 1.77 0.00	43.70 1.71 0.00	43.59 1.76 0.00	42.72 1.65 0.00	51.05 1.93 0.00	50.01 2.05 0.00	59.06 2.40 0.00	50.79 2.32 0.00	63.21 2.43 0.00	59.22 2.32 0.00	47.02 1.79 0.00	46.83 1.82 0.00	41.11 1.57 0.00
LOWER RAQUET___HYD 24057	39.21 1.25 0.00	36.59 1.19 0.00	39.67 1.42 0.00	39.42 1.66 0.00	40.33 1.65 0.00	40.11 1.43 0.00	44.24 1.35 0.00	52.67 1.69 0.00	47.44 1.43 0.00	42.75 1.05 0.00	44.96 1.18 0.00	48.35 1.31 0.00	43.65 1.65 0.00	43.39 1.56 0.00	42.59 1.53 0.00	50.99 1.87 0.00	49.58 1.62 0.00	58.11 1.45 0.00	49.01 0.53 0.00	61.96 1.18 0.00	58.04 1.15 0.00	46.35 1.12 0.00	46.19 1.18 0.00	40.62 1.07 0.00
LOWER___HUDSON 24059	39.20 1.24 0.00	36.55 1.15 0.00	39.59 1.34 0.00	39.04 1.29 0.00	40.00 1.32 0.00	39.92 1.25 0.00	44.29 1.40 0.00	52.56 1.58 0.00	47.48 1.47 0.00	43.08 1.39 0.00	45.24 1.46 0.00	48.53 1.49 0.00	43.35 1.35 0.00	43.29 1.46 0.00	42.51 1.44 0.00	50.85 1.73 0.00	49.75 1.79 0.00	58.87 2.21 0.00	50.52 2.05 0.00	63.06 2.28 0.00	59.13 2.23 0.00	46.96 1.72 0.00	46.82 1.81 0.00	41.15 1.60 0.00
LOWVILLE_115KV_TB2 356335	39.56 1.61 0.00	36.84 1.44 0.00	39.59 1.34 0.00	38.94 1.19 0.00	40.14 1.46 0.00	39.88 1.21 0.00	43.86 0.97 0.00	52.89 1.91 0.00	47.36 1.35 0.00	42.22 0.53 0.00	44.50 0.72 0.00	47.80 0.76 0.00	42.71 0.71 0.00	42.12 0.29 0.00	41.23 0.17 0.00	49.38 0.26 0.00	48.31 0.35 0.00	56.92 0.26 0.00	48.75 0.28 0.00	61.22 0.44 0.00	57.13 0.24 0.00	45.29 0.06 0.00	44.93 -0.08 0.00	39.30 -0.24 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	39.80 1.85 0.00	37.10 1.71 0.00	40.20 1.94 0.00	39.65 1.90 0.00	40.64 1.96 0.00	40.62 1.95 0.00	45.21 2.32 0.00	53.67 2.69 0.00	48.45 2.45 0.00	43.96 2.27 0.00	46.12 2.34 0.00	49.49 2.45 0.00	44.16 2.17 0.00	44.16 2.32 0.00	43.30 2.23 0.00	51.87 2.75 0.00	50.77 2.82 0.00	60.13 3.47 0.00	51.57 3.09 0.00	64.41 3.63 0.00	60.32 3.43 0.00	47.90 2.66 0.00	47.93 2.92 0.00	42.16 2.62 0.00

LUTHERNY_35_KV_BK2 355980	39.83 1.88 0.00	37.12 1.72 0.00	40.24 1.98 0.00	39.66 1.91 0.00	40.65 1.97 0.00	40.64 1.97 0.00	45.25 2.36 0.00	53.72 2.74 0.00	48.46 2.45 0.00	43.99 2.29 0.00	46.16 2.38 0.00	49.52 2.48 0.00	44.18 2.18 0.00	44.18 2.34 0.00	43.32 2.26 0.00	51.90 2.79 0.00	50.84 2.88 0.00	60.13 3.48 0.00	51.64 3.16 0.00	64.47 3.69 0.00	60.40 3.51 0.00	47.96 2.73 0.00	47.98 2.97 0.00	42.19 2.64 0.00
LWR___OSWEGATCHIE_HYD 23850	39.30 1.35 0.00	36.64 1.24 0.00	39.54 1.29 0.00	39.11 1.36 0.00	40.15 1.47 0.00	39.94 1.26 0.00	43.99 1.11 0.00	52.73 1.75 0.00	47.35 1.34 0.00	42.40 0.71 0.00	44.62 0.84 0.00	47.97 0.93 0.00	43.12 1.13 0.00	42.71 0.87 0.00	41.88 0.81 0.00	50.14 1.02 0.00	48.90 0.95 0.00	57.43 0.77 0.00	48.81 0.34 0.00	61.52 0.75 0.00	57.48 0.59 0.00	45.75 0.51 0.00	45.48 0.46 0.00	39.87 0.33 0.00
LYONS_FALL_HYD 23570	39.29 1.34 0.00	36.59 1.19 0.00	39.38 1.12 0.00	38.78 1.03 0.00	39.91 1.23 0.00	39.76 1.09 0.00	43.93 1.04 0.00	52.72 1.74 0.00	47.34 1.33 0.00	42.45 0.76 0.00	44.69 0.91 0.00	48.03 0.99 0.00	42.88 0.88 0.00	42.44 0.60 0.00	41.57 0.51 0.00	49.81 0.70 0.00	48.73 0.77 0.00	57.48 0.82 0.00	49.21 0.74 0.00	61.72 0.95 0.00	57.66 0.76 0.00	45.72 0.48 0.00	45.38 0.37 0.00	39.73 0.18 0.00
MADISON___COUNTY_LFGE 323628	38.75 0.80 0.00	36.11 0.72 0.00	38.94 0.69 0.00	38.45 0.70 0.00	39.52 0.84 0.00	39.56 0.89 0.00	44.02 1.13 0.00	52.48 1.50 0.00	47.27 1.27 0.00	42.73 1.03 0.00	44.91 1.13 0.00	48.22 1.19 0.00	42.93 0.93 0.00	42.73 0.89 0.00	41.95 0.88 0.00	50.31 1.19 0.00	49.23 1.28 0.00	58.14 1.48 0.00	49.71 1.24 0.00	62.27 1.50 0.00	58.15 1.25 0.00	46.17 0.93 0.00	45.85 0.84 0.00	40.17 0.62 0.00
MALONE___115KV_TB1 356076	39.49 1.55 0.00	36.95 1.55 0.00	40.31 2.05 0.00	39.74 1.99 0.00	40.66 1.98 0.00	40.62 1.95 0.00	44.92 2.03 0.00	53.37 2.39 0.00	48.10 2.09 0.00	43.62 1.93 0.00	45.96 2.17 0.00	49.16 2.12 0.00	44.21 2.22 0.00	43.97 2.14 0.00	43.10 2.04 0.00	51.35 2.23 0.00	49.75 1.80 0.00	58.04 1.38 0.00	49.04 0.57 0.00	62.03 1.26 0.00	58.19 1.30 0.00	46.28 1.04 0.00	45.99 0.98 0.00	40.52 0.97 0.00
MAPLEWOD_115KV_TB3 80458	39.03 1.08 0.00	36.40 1.00 0.00	39.36 1.11 0.00	38.82 1.07 0.00	39.76 1.09 0.00	39.70 1.03 0.00	43.92 1.03 0.00	52.16 1.18 0.00	47.13 1.13 0.00	42.80 1.10 0.00	44.94 1.16 0.00	48.24 1.20 0.00	43.09 1.09 0.00	43.01 1.17 0.00	42.21 1.14 0.00	50.48 1.36 0.00	49.45 1.49 0.00	58.50 1.84 0.00	50.20 1.73 0.00	62.62 1.85 0.00	58.71 1.82 0.00	46.64 1.41 0.00	46.42 1.40 0.00	40.82 1.28 0.00
MAPLE_RIDGE_WT_1 323574	38.08 0.13 0.00	35.52 0.12 0.00	38.34 0.09 0.00	37.84 0.08 0.00	38.81 0.13 0.00	38.85 0.18 0.00	42.92 0.03 0.00	50.81 -0.17 0.00	45.59 -0.42 0.00	41.16 -0.54 0.00	43.27 -0.51 0.00	46.45 -0.59 0.00	41.47 -0.52 0.00	41.24 -0.60 0.00	40.42 -0.65 0.00	48.29 -0.83 0.00	47.08 -0.87 0.00	55.57 -1.09 0.00	47.36 -1.11 0.00	59.72 -1.06 0.00	55.90 -0.99 0.00	44.37 -0.86 0.00	44.12 -0.89 0.00	38.78 -0.77 0.00
MAPLE_RIDGE_WT_2 323611	38.08 0.13 0.00	35.52 0.12 0.00	38.34 0.09 0.00	37.84 0.08 0.00	38.81 0.13 0.00	38.85 0.18 0.00	42.92 0.03 0.00	50.81 -0.17 0.00	45.59 -0.42 0.00	41.16 -0.54 0.00	43.27 -0.51 0.00	46.45 -0.59 0.00	41.47 -0.52 0.00	41.24 -0.60 0.00	40.42 -0.65 0.00	48.29 -0.83 0.00	47.08 -0.87 0.00	55.57 -1.09 0.00	47.36 -1.11 0.00	59.72 -1.06 0.00	55.90 -0.99 0.00	44.37 -0.86 0.00	44.12 -0.89 0.00	38.78 -0.77 0.00
MARBLE_RIVER_WT_PWR 323696	39.37 1.42 0.00	36.89 1.49 0.00	40.45 2.19 0.00	39.69 1.94 0.00	40.61 1.93 0.00	40.44 1.77 0.00	44.61 1.72 0.00	52.69 1.71 0.00	47.14 1.13 0.00	42.38 0.69 0.00	45.15 1.36 0.00	48.40 1.36 0.00	43.69 1.70 0.00	43.60 1.76 0.00	42.80 1.74 0.00	50.84 1.72 0.00	48.98 1.03 0.00	55.67 -0.99 0.00	46.65 -1.83 0.00	58.78 -2.00 0.00	55.34 -1.56 0.00	43.82 -1.41 0.00	43.73 -1.28 0.00	38.91 -0.64 0.00
MARSHVLE_115KV_TB1 80742	40.07 2.12 0.00	37.30 1.90 0.00	40.19 1.93 0.00	39.66 1.91 0.00	40.69 2.01 0.00	40.73 2.05 0.00	45.38 2.49 0.00	54.22 3.24 0.00	48.83 2.82 0.00	44.04 2.34 0.00	46.12 2.34 0.00	49.53 2.49 0.00	44.14 2.15 0.00	43.78 1.94 0.00	42.89 1.83 0.00	51.48 2.36 0.00	50.17 2.21 0.00	59.66 3.00 0.00	51.22 2.74 0.00	64.30 3.52 0.00	59.97 3.08 0.00	47.68 2.45 0.00	47.30 2.29 0.00	41.45 1.91 0.00
MARSH_HILL_WT_PWR 323713	36.33 -1.62 0.00	33.72 -1.68 0.00	36.36 -1.89 0.00	35.95 -1.80 0.00	36.45 -2.23 0.00	35.98 -2.69 0.00	39.93 -2.96 0.00	46.93 -4.05 0.00	42.68 -3.33 0.00	38.43 -3.26 0.00	40.00 -3.78 0.00	42.32 -4.73 0.00	34.84 -4.96 2.20	37.41 -5.03 -0.61	35.70 -4.81 0.55	43.69 -5.43 0.00	32.74 -5.24 9.98	52.68 -5.86 -1.88	48.20 -4.76 -4.48	55.48 -5.30 0.00	51.53 -5.36 0.00	41.80 -3.43 0.00	42.17 -2.84 0.00	36.85 -2.69 0.00
MCINTYRE_115KV_TB2 80467	39.84 1.89 0.00	37.17 1.77 0.00	40.30 2.04 0.00	40.12 2.37 0.00	41.13 2.45 0.00	41.08 2.41 0.00	45.48 2.59 0.00	54.08 3.10 0.00	48.74 2.73 0.00	44.01 2.32 0.00	46.24 2.46 0.00	49.60 2.56 0.00	44.62 2.63 0.00	44.40 2.57 0.00	43.58 2.52 0.00	52.12 3.00 0.00	50.76 2.81 0.00	59.71 3.05 0.00	50.44 1.97 0.00	63.82 3.04 0.00	59.76 2.86 0.00	47.59 2.36 0.00	47.29 2.28 0.00	41.60 2.05 0.00
MECO_____69_KV_BK1 80468	40.41 2.46 0.00	37.63 2.23 0.00	40.58 2.32 0.00	40.04 2.28 0.00	41.08 2.40 0.00	41.17 2.50 0.00	45.91 3.02 0.00	54.83 3.86 0.00	49.38 3.37 0.00	44.67 2.98 0.00	46.66 2.87 0.00	50.13 3.09 0.00	44.59 2.60 0.00	44.34 2.51 0.00	43.42 2.35 0.00	52.17 3.06 0.00	51.01 3.05 0.00	60.80 4.14 0.00	52.17 3.70 0.00	65.38 4.60 0.00	61.01 4.11 0.00	48.40 3.17 0.00	48.01 2.99 0.00	42.05 2.51 0.00
MENANDS___115KV_TB5 355628	38.87 0.92 0.00	36.26 0.86 0.00	39.20 0.94 0.00	38.66 0.91 0.00	39.60 0.92 0.00	39.51 0.84 0.00	43.65 0.77 0.00	51.82 0.84 0.00	46.85 0.84 0.00	42.53 0.83 0.00	44.66 0.87 0.00	47.94 0.90 0.00	42.84 0.85 0.00	42.78 0.94 0.00	41.97 0.91 0.00	50.21 1.09 0.00	49.18 1.22 0.00	58.16 1.50 0.00	49.90 1.43 0.00	62.24 1.47 0.00	58.37 1.48 0.00	46.38 1.14 0.00	46.17 1.16 0.00	40.62 1.07 0.00
MG INDUSTRY___DRP 24185	38.85 0.90 0.00	36.25 0.85 0.00	39.17 0.92 0.00	38.65 0.90 0.00	39.58 0.90 0.00	39.51 0.84 0.00	43.72 0.83 0.00	51.90 0.92 0.00	46.86 0.85 0.00	42.52 0.82 0.00	44.59 0.80 0.00	47.82 0.78 0.00	42.65 0.66 0.00	42.66 0.83 0.00	41.75 0.68 0.00	49.95 0.83 0.00	49.12 1.17 0.00	58.13 1.47 0.00	49.87 1.39 0.00	62.28 1.51 0.00	58.36 1.46 0.00	46.37 1.14 0.00	46.17 1.16 0.00	40.58 1.03 0.00

MID___OSWEGATCHIE_HYD 23849	39.30 1.35 0.00	36.64 1.24 0.00	39.54 1.29 0.00	39.11 1.36 0.00	40.15 1.47 0.00	39.94 1.26 0.00	43.99 1.11 0.00	52.73 1.75 0.00	47.35 1.34 0.00	42.40 0.71 0.00	44.62 0.84 0.00	47.97 0.93 0.00	43.12 1.13 0.00	42.71 0.87 0.00	41.88 0.81 0.00	50.14 1.02 0.00	48.90 0.95 0.00	57.43 0.77 0.00	48.81 0.34 0.00	61.52 0.75 0.00	57.48 0.59 0.00	45.75 0.51 0.00	45.48 0.46 0.00	39.87 0.33 0.00
MID___RAQUETTE_HYD 23851	39.20 1.25 0.00	36.59 1.19 0.00	39.67 1.42 0.00	39.42 1.66 0.00	40.33 1.65 0.00	40.10 1.43 0.00	44.24 1.35 0.00	52.67 1.70 0.00	47.44 1.43 0.00	42.75 1.05 0.00	44.96 1.18 0.00	48.35 1.31 0.00	43.65 1.65 0.00	43.39 1.56 0.00	42.59 1.53 0.00	50.99 1.88 0.00	49.58 1.62 0.00	58.11 1.45 0.00	49.01 0.53 0.00	61.96 1.18 0.00	58.04 1.15 0.00	46.35 1.12 0.00	46.19 1.18 0.00	40.62 1.07 0.00
MILLIKEN___1 23584	38.02 0.07 0.00	35.41 0.02 0.00	38.27 0.01 0.00	37.70 -0.05 0.00	38.58 -0.10 0.00	38.60 -0.08 0.00	42.94 0.05 0.00	51.09 0.11 0.00	46.10 0.09 0.00	41.67 -0.02 0.00	43.70 -0.08 0.00	46.85 -0.19 0.00	44.50 -0.27 -2.78	41.63 -0.41 -0.21	43.12 -0.19 -2.25	49.00 -0.12 0.00	60.53 -0.05 -12.63	57.01 0.21 -0.14	49.08 0.28 -0.32	61.07 0.29 0.00	57.03 0.14 0.00	45.37 0.13 0.00	45.09 0.08 0.00	39.55 0.01 0.00
MILLIKEN___2 23585	38.02 0.07 0.00	35.41 0.02 0.00	38.27 0.01 0.00	37.70 -0.05 0.00	38.58 -0.10 0.00	38.60 -0.08 0.00	42.94 0.05 0.00	51.09 0.11 0.00	46.10 0.09 0.00	41.67 -0.02 0.00	43.70 -0.08 0.00	46.85 -0.19 0.00	44.50 -0.27 -2.78	41.63 -0.41 -0.21	43.12 -0.19 -2.25	49.00 -0.12 0.00	60.53 -0.05 -12.63	57.01 0.21 -0.14	49.08 0.28 -0.32	61.07 0.29 0.00	57.03 0.14 0.00	45.37 0.13 0.00	45.09 0.08 0.00	39.55 0.01 0.00
MILLIKEN___DIESEL 23629	38.02 0.07 0.00	35.41 0.02 0.00	38.27 0.01 0.00	37.70 -0.05 0.00	38.58 -0.10 0.00	38.60 -0.08 0.00	42.94 0.05 0.00	51.09 0.11 0.00	46.10 0.09 0.00	41.67 -0.02 0.00	43.70 -0.08 0.00	46.85 -0.19 0.00	44.50 -0.27 -2.78	41.63 -0.41 -0.21	43.12 -0.19 -2.25	49.00 -0.12 0.00	60.53 -0.05 -12.63	57.01 0.21 -0.14	49.08 0.28 -0.32	61.07 0.29 0.00	57.03 0.14 0.00	45.37 0.13 0.00	45.09 0.08 0.00	39.55 0.01 0.00
MILLSEAT___LFGE 323607	35.80 -2.15 0.00	33.46 -1.94 0.00	36.15 -2.11 0.00	35.60 -2.14 0.00	36.50 -2.18 0.00	36.47 -2.20 0.00	40.27 -2.61 0.00	47.57 -3.41 0.00	43.20 -2.80 0.00	39.13 -2.56 0.00	40.94 -2.85 0.00	43.73 -3.31 0.00	37.98 -3.26 0.75	38.31 -3.36 0.17	36.98 -3.30 0.78	45.16 -3.96 0.00	40.69 -3.93 3.34	51.90 -4.43 0.33	43.82 -3.87 0.79	56.37 -4.40 0.00	52.44 -4.46 0.00	42.03 -3.21 0.00	41.99 -3.02 0.00	36.90 -2.64 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.16 1.21 0.00	36.47 1.07 0.00	39.32 1.06 0.00	38.78 1.03 0.00	39.69 1.02 0.00	39.73 1.06 0.00	44.26 1.37 0.00	52.81 1.83 0.00	47.65 1.64 0.00	43.24 1.55 0.00	45.40 1.62 0.00	49.02 1.98 0.00	43.88 1.89 0.00	43.76 1.93 0.00	42.88 1.82 0.00	51.28 2.16 0.00	50.22 2.26 0.00	59.31 2.65 0.00	51.01 2.54 0.00	63.47 2.70 0.00	59.47 2.58 0.00	47.23 1.99 0.00	47.01 1.99 0.00	41.24 1.70 0.00
MILLWOOD_13_KV_LOAD 356217	39.21 1.26 0.00	36.51 1.11 0.00	39.36 1.11 0.00	38.82 1.07 0.00	39.74 1.07 0.00	39.77 1.10 0.00	44.31 1.42 0.00	52.88 1.90 0.00	47.73 1.72 0.00	43.31 1.61 0.00	45.47 1.69 0.00	49.08 2.04 0.00	43.94 1.94 0.00	43.83 2.00 0.00	42.94 1.88 0.00	51.35 2.23 0.00	50.30 2.34 0.00	59.40 2.74 0.00	51.08 2.61 0.00	63.58 2.80 0.00	59.56 2.66 0.00	47.28 2.05 0.00	47.06 2.05 0.00	41.29 1.75 0.00
MODEL_CITY_ENERGY 24167	34.65 -3.29 0.00	32.42 -2.98 0.00	35.01 -3.25 0.00	34.48 -3.27 0.00	35.34 -3.34 0.00	35.23 -3.43 0.00	38.71 -4.18 0.00	45.57 -5.40 0.00	41.46 -4.55 0.00	37.58 -4.11 0.00	39.26 -4.52 0.00	41.96 -5.08 0.00	36.36 -4.82 0.82	36.66 -4.96 0.21	35.38 -4.80 0.88	43.33 -5.78 0.00	38.53 -5.81 3.62	49.43 -6.81 0.41	41.52 -5.97 0.98	53.82 -6.96 0.00	50.10 -6.80 0.00	40.32 -4.91 0.00	40.41 -4.60 0.00	35.59 -3.96 0.00
MODERN_LFGE___ 323580	34.65 -3.29 0.00	32.42 -2.98 0.00	35.01 -3.25 0.00	34.48 -3.27 0.00	35.34 -3.34 0.00	35.23 -3.43 0.00	38.71 -4.18 0.00	45.57 -5.40 0.00	41.46 -4.55 0.00	37.58 -4.11 0.00	39.26 -4.52 0.00	41.96 -5.08 0.00	36.36 -4.82 0.82	36.66 -4.96 0.21	35.38 -4.80 0.88	43.33 -5.78 0.00	38.53 -5.81 3.62	49.43 -6.81 0.41	41.52 -5.97 0.98	53.82 -6.96 0.00	50.10 -6.80 0.00	40.32 -4.91 0.00	40.41 -4.60 0.00	35.59 -3.96 0.00
MOHAWK_PAPER___DRP 24187	39.03 1.08 0.00	36.40 1.00 0.00	39.36 1.11 0.00	38.82 1.07 0.00	39.76 1.09 0.00	39.70 1.03 0.00	43.92 1.03 0.00	52.16 1.18 0.00	47.13 1.13 0.00	42.80 1.10 0.00	44.94 1.16 0.00	48.24 1.20 0.00	43.09 1.09 0.00	43.01 1.17 0.00	42.21 1.14 0.00	50.48 1.36 0.00	49.45 1.49 0.00	58.50 1.84 0.00	50.20 1.73 0.00	62.62 1.85 0.00	58.71 1.82 0.00	46.64 1.41 0.00	46.42 1.40 0.00	40.82 1.28 0.00
MOHICAN___35_KV_115KV_LD 80490	40.20 2.25 0.00	37.49 2.09 0.00	40.69 2.43 0.00	40.15 2.40 0.00	41.15 2.47 0.00	41.11 2.44 0.00	45.91 3.02 0.00	54.45 3.47 0.00	49.18 3.17 0.00	44.61 2.92 0.00	46.79 3.01 0.00	50.12 3.09 0.00	44.74 2.75 0.00	44.85 3.02 0.00	43.97 2.90 0.00	52.70 3.59 0.00	51.55 3.59 0.00	61.17 4.52 0.00	52.39 3.91 0.00	65.48 4.71 0.00	61.28 4.38 0.00	48.70 3.46 0.00	49.01 4.00 0.00	43.22 3.68 0.00
MONGAUP___HYD 23641	39.41 1.46 0.00	36.69 1.29 0.00	39.59 1.34 0.00	39.05 1.30 0.00	40.00 1.32 0.00	40.05 1.38 0.00	44.64 1.75 0.00	53.24 2.27 0.00	48.03 2.02 0.00	43.58 1.89 0.00	45.66 1.88 0.00	49.22 2.18 0.00	43.95 1.95 0.00	43.85 2.02 0.00	42.39 1.33 0.00	50.96 1.84 0.00	50.28 2.32 0.00	59.50 2.84 0.00	51.34 2.87 0.00	64.03 3.25 0.00	59.97 3.08 0.00	47.59 2.35 0.00	47.30 2.29 0.00	41.48 1.93 0.00
MONTAUK___DIESEL 23721	39.96 2.01 0.00	37.40 2.01 0.00	39.86 1.60 0.00	38.75 1.00 0.00	36.71 -0.26 1.72	39.33 0.66 0.00	44.10 1.21 0.00	51.49 0.51 0.00	-0.11 -0.70 45.42	16.28 -0.59 24.82	-29.54 -0.33 72.99	-19.29 0.13 66.46	0.16 0.28 42.11	13.62 0.48 28.70	18.57 0.33 22.82	32.19 0.66 17.59	104.79 2.39 -54.44	156.64 1.94 -98.04	169.60 1.24 -119.90	29.64 0.72 31.85	49.63 1.48 8.75	46.74 1.51 0.00	46.44 1.42 0.00	40.45 0.90 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.47 -1.48 0.00	33.99 -1.41 0.00	36.73 -1.52 0.00	35.81 -1.94 0.00	36.08 -2.60 0.00	36.04 -2.63 0.00	40.03 -2.86 0.00	47.59 -3.39 0.00	42.86 -3.15 0.00	38.78 -2.91 0.00	40.23 -3.56 0.00	43.16 -3.88 0.00	37.52 -3.42 1.06	38.63 -2.99 0.22	36.94 -3.06 1.07	46.04 -3.07 0.00	39.87 -3.30 4.79	52.61 -3.64 0.41	44.39 -3.11 0.97	57.32 -3.45 0.00	53.67 -3.22 0.00	43.24 -2.00 0.00	43.28 -1.74 0.00	37.72 -1.82 0.00

MORRIS_RIDGE___SOLAR 323848	36.12 -1.84 0.00	33.68 -1.72 0.00	36.35 -1.90 0.00	35.81 -1.95 0.00	36.41 -2.27 0.00	36.12 -2.55 0.00	39.96 -2.93 0.00	47.09 -3.89 0.00	42.68 -3.33 0.00	38.44 -3.25 0.00	40.11 -3.68 0.00	42.67 -4.37 0.00	36.27 -4.27 1.45	36.35 -4.36 1.13	34.09 -4.19 2.79	44.24 -4.88 0.00	36.67 -4.69 6.60	48.71 -5.25 2.70	37.75 -4.29 6.43	55.92 -4.86 0.00	52.08 -4.82 0.00	41.94 -3.29 0.00	42.08 -2.93 0.00	36.78 -2.76 0.00
MORTIMER_115KV_TB3 55949	36.07 -1.89 0.00	33.69 -1.72 0.00	36.37 -1.88 0.00	35.86 -1.89 0.00	36.76 -1.92 0.00	36.76 -1.91 0.00	40.71 -2.18 0.00	48.24 -2.74 0.00	43.68 -2.33 0.00	39.60 -2.10 0.00	41.49 -2.30 0.00	44.42 -2.62 0.00	38.92 -2.53 0.55	39.23 -2.58 0.03	38.11 -2.54 0.42	46.13 -2.99 0.00	42.41 -3.07 2.47	53.23 -3.43 0.00	45.48 -3.00 0.00	57.35 -3.42 0.00	53.43 -3.46 0.00	42.65 -2.59 0.00	42.50 -2.52 0.00	37.33 -2.22 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.37 1.41 0.00	36.66 1.26 0.00	39.50 1.25 0.00	38.95 1.20 0.00	39.87 1.19 0.00	39.93 1.26 0.00	44.48 1.59 0.00	53.13 2.15 0.00	47.96 1.95 0.00	43.52 1.83 0.00	45.70 1.92 0.00	49.41 2.37 0.00	44.24 2.24 0.00	44.12 2.28 0.00	43.22 2.16 0.00	51.67 2.55 0.00	50.60 2.65 0.00	59.71 3.05 0.00	51.35 2.88 0.00	63.87 3.09 0.00	59.85 2.95 0.00	47.52 2.28 0.00	47.29 2.27 0.00	41.49 1.94 0.00
MUNSVILLE_WIND_PWR 323609	40.17 2.22 0.00	37.24 1.85 0.00	40.11 1.85 0.00	39.17 1.42 0.00	40.19 1.51 0.00	39.68 1.01 0.00	44.31 1.42 0.00	52.79 1.81 0.00	47.95 1.94 0.00	42.74 1.05 0.00	44.77 0.99 0.00	48.29 1.25 0.00	44.22 0.83 -1.40	42.46 0.51 -0.11	43.51 1.30 -1.15	50.33 1.21 0.00	55.20 0.90 -6.34	59.27 2.51 -0.10	50.99 2.29 -0.22	62.94 2.17 0.00	58.95 2.05 0.00	46.89 1.66 0.00	46.63 1.62 0.00	40.98 1.43 0.00
N SALMON___HYD 24042	39.50 1.55 0.00	36.95 1.55 0.00	40.31 2.05 0.00	39.74 1.99 0.00	40.66 1.98 0.00	40.62 1.95 0.00	44.92 2.03 0.00	53.37 2.39 0.00	48.10 2.09 0.00	43.62 1.93 0.00	45.96 2.17 0.00	49.16 2.12 0.00	44.20 2.21 0.00	43.97 2.14 0.00	43.11 2.04 0.00	51.35 2.23 0.00	49.75 1.80 0.00	58.05 1.38 0.00	49.04 0.57 0.00	62.03 1.26 0.00	58.19 1.30 0.00	46.27 1.04 0.00	45.99 0.98 0.00	40.52 0.97 0.00
N.AKRON__115KV_KNAPP 355671	35.60 -2.36 0.00	33.28 -2.12 0.00	35.96 -2.30 0.00	35.42 -2.33 0.00	36.29 -2.39 0.00	36.24 -2.43 0.00	39.98 -2.91 0.00	47.18 -3.80 0.00	42.87 -3.14 0.00	38.83 -2.86 0.00	40.60 -3.18 0.00	43.38 -3.66 0.00	37.69 -3.54 0.76	37.98 -3.67 0.18	36.66 -3.59 0.81	44.81 -4.31 0.00	40.20 -4.34 3.42	51.34 -4.96 0.36	43.30 -4.32 0.85	55.84 -4.94 0.00	51.93 -4.96 0.00	41.67 -3.56 0.00	41.68 -3.33 0.00	36.65 -2.90 0.00
N.BELMOR_69_KV_BK1 55787	39.88 1.93 0.00	37.14 1.74 0.00	39.93 1.67 0.00	39.29 1.53 0.00	40.20 1.52 0.00	40.36 1.69 0.00	45.10 2.21 0.00	53.75 2.77 0.00	48.30 2.28 0.00	43.75 2.06 0.00	45.93 2.15 0.00	49.91 2.87 0.00	44.73 2.74 0.00	44.68 2.84 0.00	43.64 2.58 0.00	53.65 3.22 -1.31	105.71 3.31 -54.44	158.70 3.99 -98.04	172.03 3.67 -119.90	64.79 4.01 0.00	60.57 3.68 0.00	48.12 2.89 0.00	47.88 2.86 0.00	41.86 2.32 0.00
N.E_GEN_SANDY PD 24062	39.08 1.13 0.00	36.28 1.02 0.14	39.58 1.17 -0.15	38.87 1.12 0.00	39.83 1.15 0.00	39.75 1.08 0.00	44.35 1.25 -0.21	52.37 1.41 0.02	47.32 1.32 0.00	42.94 1.25 0.00	45.14 1.35 0.00	48.51 1.47 0.00	43.35 1.35 0.00	43.29 1.46 0.00	42.53 1.47 0.00	50.88 1.76 0.00	49.77 1.81 0.00	58.86 2.20 0.00	50.55 2.08 0.00	63.03 2.26 0.00	60.25 2.27 -1.09	46.96 1.73 0.00	46.79 1.77 0.00	41.09 1.54 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.10 1.15 0.00	36.40 1.00 0.00	39.26 1.01 0.00	38.73 0.98 0.00	39.66 0.98 0.00	39.66 0.99 0.00	44.13 1.25 0.00	52.68 1.70 0.00	47.55 1.54 0.00	43.15 1.45 0.00	45.29 1.51 0.00	48.90 1.85 0.00	43.78 1.79 0.00	43.67 1.84 0.00	42.79 1.72 0.00	51.14 2.02 0.00	50.09 2.13 0.00	59.16 2.50 0.00	50.88 2.41 0.00	63.31 2.54 0.00	59.33 2.43 0.00	47.11 1.87 0.00	46.92 1.90 0.00	41.18 1.64 0.00
N.QUEENS_27_KV_LOAD 356247	39.47 1.52 0.00	36.74 1.34 -0.01	39.45 1.19 0.00	38.98 1.22 0.00	39.90 1.23 0.00	39.96 1.29 0.00	44.52 1.64 0.00	53.20 2.22 0.00	48.08 2.07 0.00	43.56 1.87 0.00	45.78 1.99 0.00	49.49 2.44 0.00	44.30 2.30 0.00	44.18 2.34 0.00	43.27 2.21 0.00	51.74 2.62 0.00	50.65 2.70 0.00	59.71 3.05 0.00	51.42 2.95 0.00	63.91 3.14 0.00	59.94 3.04 0.00	47.68 2.45 0.00	47.38 2.37 0.00	41.56 2.02 0.00
N.TROY___115KV_TB1 355778	39.20 1.24 0.00	36.55 1.15 0.00	39.59 1.34 0.00	39.04 1.29 0.00	39.99 1.31 0.00	39.92 1.25 0.00	44.29 1.40 0.00	52.56 1.59 0.00	47.48 1.47 0.00	43.08 1.38 0.00	45.24 1.46 0.00	48.53 1.49 0.00	43.34 1.35 0.00	43.29 1.46 0.00	42.50 1.44 0.00	50.85 1.73 0.00	49.75 1.79 0.00	58.87 2.21 0.00	50.52 2.05 0.00	63.06 2.28 0.00	59.13 2.23 0.00	46.96 1.72 0.00	46.83 1.81 0.00	41.15 1.60 0.00
NARROWS_GT1_1 24228	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.94 -65.07	115.05 2.75 -70.30	115.04 2.77 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
NARROWS_GT1_2 24229	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.94 -65.07	115.05 2.75 -70.30	115.04 2.77 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
NARROWS_GT1_3 24230	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.94 -65.07	115.05 2.75 -70.30	115.04 2.77 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
NARROWS_GT1_4 24231	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.94 -65.07	115.05 2.75 -70.30	115.04 2.77 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60

NARROWS_GT1_5 24232	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.94 -65.07	115.05 2.75 -70.30	115.04 2.77 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
NARROWS_GT1_6 24233	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.94 -65.07	115.05 2.75 -70.30	115.04 2.77 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
NARROWS_GT1_7 24234	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.94 -65.07	115.05 2.75 -70.30	115.04 2.77 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
NARROWS_GT1_8 24235	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.94 -65.07	115.05 2.75 -70.30	115.04 2.77 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
NARROWS_GT2_1 24236	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.94 -65.07	115.05 2.75 -70.30	115.04 2.77 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
NARROWS_GT2_2 24237	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.94 -65.07	115.05 2.75 -70.30	115.04 2.77 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
NARROWS_GT2_3 24238	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.94 -65.07	115.05 2.75 -70.30	115.04 2.77 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
NARROWS_GT2_4 24239	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.94 -65.07	115.05 2.75 -70.30	115.04 2.77 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
NARROWS_GT2_5 24240	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.94 -65.07	115.05 2.75 -70.30	115.04 2.77 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
NARROWS_GT2_6 24241	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.94 -65.07	115.05 2.75 -70.30	115.04 2.77 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
NARROWS_GT2_7 24242	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.94 -65.07	115.05 2.75 -70.30	115.04 2.77 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
NARROWS_GT2_8 24243	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.94 -65.07	115.05 2.75 -70.30	115.04 2.77 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.72 1.77 0.00	37.04 1.64 0.00	40.02 1.76 0.00	39.50 1.75 0.00	40.49 1.81 0.00	40.45 1.78 0.00	44.78 1.89 0.00	53.22 2.24 0.00	48.14 2.13 0.00	43.68 1.99 0.00	45.76 1.98 0.00	48.93 1.89 0.00	43.48 1.49 0.00	43.59 1.76 0.00	42.55 1.48 0.00	50.65 1.54 0.00	50.16 2.21 0.00	59.66 3.00 0.00	51.22 2.75 0.00	63.92 3.15 0.00	59.81 2.91 0.00	47.44 2.21 0.00	47.13 2.12 0.00	41.40 1.85 0.00
NCHELSEA_115KV_TR2 355582	39.41 1.46 0.00	36.70 1.30 0.00	39.61 1.36 0.00	39.06 1.31 0.00	40.01 1.33 0.00	40.05 1.38 0.00	44.62 1.73 0.00	53.22 2.25 0.00	48.10 2.09 0.00	43.63 1.93 0.00	45.81 2.03 0.00	49.41 2.36 0.00	44.19 2.20 0.00	44.08 2.24 0.00	43.16 2.10 0.00	51.58 2.46 0.00	50.55 2.59 0.00	59.77 3.10 0.00	51.40 2.92 0.00	64.03 3.26 0.00	59.98 3.09 0.00	47.60 2.37 0.00	47.34 2.33 0.00	41.50 1.96 0.00
NEG CAPITAL___MECHNVIL 23645	39.81 1.86 0.00	37.10 1.71 0.00	40.18 1.93 0.00	39.64 1.88 0.00	40.62 1.94 0.00	40.60 1.93 0.00	45.17 2.29 0.00	53.62 2.64 0.00	48.43 2.42 0.00	43.93 2.24 0.00	46.09 2.31 0.00	49.49 2.44 0.00	44.17 2.18 0.00	44.15 2.32 0.00	43.30 2.23 0.00	51.85 2.73 0.00	50.75 2.80 0.00	60.14 3.49 0.00	51.56 3.09 0.00	64.39 3.62 0.00	60.31 3.42 0.00	47.88 2.65 0.00	47.85 2.83 0.00	42.06 2.51 0.00

NEG CENTRAL_HIGH_ACRES 23767	35.76 -2.19 0.00	33.41 -1.99 0.00	36.07 -2.18 0.00	35.57 -2.18 0.00	36.46 -2.21 0.00	36.49 -2.18 0.00	40.48 -2.41 0.00	48.01 -2.97 0.00	43.44 -2.57 0.00	39.37 -2.33 0.00	41.24 -2.55 0.00	44.19 -2.85 0.00	38.85 -2.75 0.39	39.07 -2.74 0.02	38.11 -2.66 0.30	45.99 -3.13 0.00	43.01 -3.16 1.78	53.09 -3.57 0.00	45.40 -3.07 0.00	57.15 -3.63 0.00	53.25 -3.65 0.00	42.46 -2.77 0.00	42.25 -2.76 0.00	37.10 -2.45 0.00
NEG CENTRAL___DRP 24199	37.21 -0.74 0.00	34.70 -0.70 0.00	37.48 -0.77 0.00	36.95 -0.80 0.00	37.81 -0.87 0.00	37.84 -0.83 0.00	42.07 -0.82 0.00	50.00 -0.98 0.00	45.15 -0.86 0.00	40.84 -0.86 0.00	42.77 -1.01 0.00	45.93 -1.11 0.00	40.16 -1.25 0.59	40.55 -1.32 -0.04	39.61 -1.11 0.34	47.85 -1.27 0.00	44.04 -1.25 2.67	55.61 -1.23 -0.18	47.96 -0.95 -0.44	59.59 -1.18 0.00	55.65 -1.25 0.00	44.35 -0.88 0.00	44.13 -0.89 0.00	38.67 -0.88 0.00
NEG CENTRAL___INDECK 23768	37.34 -0.62 0.00	34.80 -0.59 0.00	37.55 -0.71 0.00	37.02 -0.73 0.00	37.83 -0.85 0.00	37.71 -0.96 0.00	41.95 -0.94 0.00	49.67 -1.31 0.00	44.99 -1.03 0.00	40.56 -1.13 0.00	42.40 -1.39 0.00	45.04 -2.01 0.00	38.59 -2.08 1.33	40.39 -2.13 -0.68	39.16 -2.07 -0.16	46.63 -2.49 0.00	39.67 -2.27 6.02	56.39 -2.21 -1.93	51.42 -1.66 -4.61	59.19 -1.59 0.00	55.00 -1.89 0.00	44.03 -1.21 0.00	43.94 -1.07 0.00	38.42 -1.12 0.00
NEG CENTRAL___SENECA 23627	37.24 -0.71 0.00	34.72 -0.68 0.00	37.50 -0.76 0.00	36.98 -0.77 0.00	37.82 -0.86 0.00	37.83 -0.84 0.00	42.09 -0.80 0.00	50.00 -0.98 0.00	45.16 -0.84 0.00	40.82 -0.87 0.00	42.73 -1.05 0.00	45.88 -1.16 0.00	39.46 -1.40 1.13	40.43 -1.45 -0.05	39.13 -1.24 0.69	47.73 -1.39 0.00	41.42 -1.39 5.15	55.59 -1.36 -0.29	48.11 -1.05 -0.69	59.51 -1.27 0.00	55.55 -1.34 0.00	44.35 -0.89 0.00	44.13 -0.88 0.00	38.62 -0.92 0.00
NEG CENTRAL___STATE_STREET 24147	37.46 -0.50 0.00	34.91 -0.49 0.00	37.80 -0.45 0.00	37.26 -0.49 0.00	38.07 -0.61 0.00	38.08 -0.58 0.00	42.33 -0.56 0.00	50.32 -0.66 0.00	45.43 -0.58 0.00	41.11 -0.58 0.00	43.09 -0.69 0.00	46.27 -0.78 0.00	41.52 -0.82 -0.34	40.95 -0.90 -0.02	40.62 -0.70 -0.26	48.31 -0.81 0.00	48.78 -0.74 -1.57	55.97 -0.68 0.00	47.96 -0.52 0.00	60.13 -0.64 0.00	56.16 -0.74 0.00	44.69 -0.55 0.00	44.42 -0.59 0.00	39.07 -0.47 0.00
NEG MILLWOOD___DRP 24198	39.51 1.56 0.00	36.79 1.39 0.00	39.69 1.43 0.00	39.14 1.39 0.00	40.09 1.40 0.00	40.13 1.46 0.00	44.75 1.87 0.00	53.41 2.43 0.00	48.31 2.30 0.00	43.81 2.11 0.00	46.00 2.22 0.00	49.62 2.58 0.00	44.38 2.39 0.00	44.28 2.45 0.00	43.36 2.30 0.00	51.79 2.78 0.00	50.73 2.78 0.00	59.99 3.33 0.00	51.61 3.13 0.00	64.29 3.51 0.00	60.20 3.31 0.00	47.77 2.53 0.00	47.48 2.47 0.00	41.62 2.07 0.00
NEG NORTH_FLCN_SEA 23793	39.45 1.50 0.00	36.92 1.52 0.00	40.42 2.17 0.00	39.66 1.90 0.00	40.58 1.90 0.00	40.43 1.76 0.00	44.69 1.80 0.00	52.87 1.89 0.00	47.41 1.40 0.00	42.78 1.09 0.00	45.42 1.64 0.00	48.60 1.56 0.00	43.80 1.81 0.00	43.69 1.86 0.00	42.87 1.81 0.00	50.97 1.85 0.00	49.24 1.29 0.00	56.66 0.00 0.00	47.60 -0.87 0.00	59.98 -0.80 0.00	56.37 -0.52 0.00	44.67 -0.56 0.00	44.54 -0.47 0.00	39.64 0.10 0.00
NEG NORTH_KES_CHATEGAY 23792	38.94 0.99 0.00	36.44 1.04 0.00	39.73 1.47 0.00	39.14 1.39 0.00	40.08 1.40 0.00	40.02 1.35 0.00	44.26 1.37 0.00	52.50 1.52 0.00	47.26 1.26 0.00	42.73 1.04 0.00	45.07 1.29 0.00	48.17 1.13 0.00	43.31 1.32 0.00	43.12 1.29 0.00	42.30 1.24 0.00	50.47 1.35 0.00	48.85 0.90 0.00	56.75 0.10 0.00	47.99 -0.48 0.00	60.65 -0.12 0.00	56.95 0.05 0.00	45.22 -0.01 0.00	44.99 -0.02 0.00	39.72 0.17 0.00
NEG NORTH___ALICE_FALLS 23915	39.61 1.66 0.00	37.07 1.68 0.00	40.60 2.34 0.00	39.83 2.08 0.00	40.74 2.07 0.00	40.66 1.99 0.00	44.95 2.06 0.00	53.24 2.26 0.00	47.83 1.82 0.00	43.20 1.50 0.00	45.77 1.99 0.00	48.94 1.90 0.00	44.03 2.03 0.00	43.90 2.07 0.00	43.09 2.03 0.00	51.29 2.17 0.00	49.56 1.60 0.00	57.24 0.58 0.00	48.14 -0.33 0.00	60.69 -0.08 0.00	57.04 0.14 0.00	45.18 -0.05 0.00	45.01 0.00 0.00	39.92 0.37 0.00
NEG NORTH___LWR_SARANAC 23913	39.61 1.66 0.00	37.07 1.68 0.00	40.60 2.34 0.00	39.83 2.08 0.00	40.74 2.07 0.00	40.66 1.99 0.00	44.95 2.06 0.00	53.24 2.26 0.00	47.83 1.82 0.00	43.20 1.50 0.00	45.77 1.99 0.00	48.94 1.90 0.00	44.03 2.03 0.00	43.90 2.07 0.00	43.09 2.03 0.00	51.29 2.17 0.00	49.56 1.60 0.00	57.24 0.58 0.00	48.14 -0.33 0.00	60.69 -0.08 0.00	57.04 0.14 0.00	45.18 -0.05 0.00	45.01 0.00 0.00	39.92 0.37 0.00
NEG NORTH___PLATTSBURG 23628	39.61 1.66 0.00	37.07 1.68 0.00	40.60 2.34 0.00	39.83 2.07 0.00	40.74 2.07 0.00	40.66 1.99 0.00	44.95 2.06 0.00	53.24 2.26 0.00	47.83 1.82 0.00	43.19 1.50 0.00	45.77 1.99 0.00	48.95 1.90 0.00	44.03 2.03 0.00	43.90 2.06 0.00	43.09 2.03 0.00	51.28 2.17 0.00	49.56 1.60 0.00	57.24 0.58 0.00	48.14 -0.33 0.00	60.69 -0.08 0.00	57.04 0.14 0.00	45.18 -0.05 0.00	45.01 0.00 0.00	39.92 0.37 0.00
NEG WEST_LEA_LOCKPORT 23791	35.02 -2.94 0.00	32.75 -2.65 0.00	35.38 -2.88 0.00	34.85 -2.90 0.00	35.69 -2.99 0.00	35.59 -3.08 0.00	39.15 -3.74 0.00	46.13 -4.84 0.00	41.95 -4.06 0.00	38.01 -3.68 0.00	39.70 -4.08 0.00	42.44 -4.60 0.00	36.80 -4.39 0.81	37.09 -4.53 0.21	35.77 -4.41 0.89	43.83 -5.28 0.00	38.97 -5.37 3.61	50.02 -6.21 0.43	42.00 -5.45 1.02	54.49 -6.28 0.00	50.71 -6.18 0.00	40.78 -4.45 0.00	40.85 -4.16 0.00	35.97 -3.58 0.00
NEG WEST___LANCASTER 23811	36.58 -1.37 0.00	34.17 -1.23 0.00	36.96 -1.29 0.00	36.41 -1.34 0.00	37.20 -1.48 0.00	37.13 -1.54 0.00	40.91 -1.98 0.00	48.39 -2.59 0.00	43.75 -2.26 0.00	39.65 -2.04 0.00	41.46 -2.32 0.00	44.49 -2.55 0.00	38.38 -2.59 1.02	38.96 -2.64 0.23	37.46 -2.54 1.06	46.14 -2.98 0.00	40.26 -3.09 4.61	52.60 -3.62 0.44	44.23 -3.19 1.05	57.26 -3.52 0.00	53.32 -3.58 0.00	42.85 -2.38 0.00	42.98 -2.04 0.00	37.73 -1.81 0.00
NEG_PENN_ALLEGHNY 23528	37.43 -0.52 0.00	34.88 -0.52 0.00	37.69 -0.57 0.00	37.13 -0.62 0.00	37.97 -0.71 0.00	38.00 -0.67 0.00	42.18 -0.72 0.00	50.21 -0.77 0.00	45.29 -0.72 0.00	40.94 -0.75 0.00	42.96 -0.82 0.00	46.24 -0.80 0.00	40.62 -0.95 0.42	40.84 -0.97 0.02	39.83 -0.90 0.33	48.13 -0.99 0.00	45.06 -0.95 1.94	55.78 -0.88 0.00	47.83 -0.64 0.00	59.96 -0.82 0.00	56.06 -0.83 0.00	44.67 -0.56 0.00	44.49 -0.52 0.00	38.97 -0.58 0.00
NEG___GEN_MONROE 24207	36.24 -1.71 0.00	33.86 -1.54 0.00	36.56 -1.69 0.00	36.05 -1.70 0.00	36.96 -1.73 0.00	36.96 -1.71 0.00	40.92 -1.97 0.00	48.49 -2.49 0.00	43.93 -2.08 0.00	39.82 -1.87 0.00	41.70 -2.09 0.00	44.61 -2.43 0.00	39.07 -2.37 0.56	39.39 -2.42 0.03	38.26 -2.38 0.43	46.29 -2.83 0.00	42.56 -2.87 2.52	53.49 -3.17 0.00	45.73 -2.75 0.00	57.68 -3.09 0.00	53.69 -3.20 0.00	42.89 -2.34 0.00	42.73 -2.28 0.00	37.52 -2.03 0.00

NEPA__ENERGY 23901	35.97 -1.98 0.00	33.55 -1.85 0.00	36.37 -1.89 0.00	35.74 -2.01 0.00	36.38 -2.30 0.00	36.40 -2.27 0.00	40.18 -2.71 0.00	47.69 -3.29 0.00	43.00 -3.01 0.00	38.78 -2.91 0.00	40.50 -3.29 0.00	43.67 -3.37 0.00	37.63 -3.35 1.02	38.28 -3.31 0.25	36.69 -3.29 1.09	45.37 -3.75 0.00	39.50 -3.84 4.62	51.98 -4.18 0.49	43.76 -3.54 1.17	56.65 -4.13 0.00	52.96 -3.93 0.00	42.57 -2.67 0.00	42.58 -2.43 0.00	37.24 -2.30 0.00
NEVERSink__HYD 23608	38.88 0.93 0.00	36.19 0.79 0.00	39.08 0.83 0.00	38.55 0.80 0.00	39.50 0.82 0.00	39.57 0.90 0.00	44.12 1.23 0.00	52.63 1.65 0.00	47.51 1.50 0.00	43.12 1.43 0.00	45.25 1.46 0.00	48.76 1.72 0.00	43.68 1.68 0.00	43.50 1.66 0.00	42.45 1.39 0.00	50.78 1.66 0.00	49.83 1.87 0.00	58.93 2.27 0.00	50.73 2.25 0.00	63.24 2.46 0.00	59.21 2.32 0.00	46.96 1.73 0.00	46.69 1.68 0.00	40.93 1.39 0.00
NEWKRMKL_115KV_TB1 55635	38.72 0.77 0.00	36.11 0.71 0.00	39.00 0.75 0.00	38.49 0.74 0.00	39.40 0.72 0.00	39.32 0.64 0.00	43.37 0.48 0.00	51.49 0.51 0.00	46.54 0.53 0.00	42.27 0.57 0.00	44.37 0.58 0.00	47.64 0.60 0.00	42.56 0.57 0.00	42.47 0.64 0.00	41.68 0.61 0.00	49.86 0.74 0.00	48.87 0.92 0.00	57.81 1.15 0.00	49.60 1.13 0.00	61.88 1.11 0.00	57.98 1.09 0.00	46.08 0.85 0.00	45.85 0.84 0.00	40.34 0.79 0.00
NEWTON__FALLS_HYD 23847	39.30 1.35 0.00	36.64 1.24 0.00	39.54 1.29 0.00	39.11 1.36 0.00	40.15 1.47 0.00	39.94 1.26 0.00	43.99 1.11 0.00	52.73 1.75 0.00	47.35 1.34 0.00	42.40 0.71 0.00	44.62 0.84 0.00	47.97 0.93 0.00	43.12 1.13 0.00	42.71 0.87 0.00	41.88 0.81 0.00	50.14 1.02 0.00	48.90 0.95 0.00	57.43 0.77 0.00	48.81 0.34 0.00	61.52 0.75 0.00	57.48 0.59 0.00	45.75 0.51 0.00	45.48 0.46 0.00	39.87 0.33 0.00
NGRID_A1_DSASP 323792	34.61 -3.34 0.00	32.39 -3.01 0.00	34.97 -3.29 0.00	34.45 -3.31 0.00	35.29 -3.39 0.00	35.19 -3.48 0.00	38.69 -4.20 0.00	45.53 -5.45 0.00	41.41 -4.60 0.00	37.57 -4.13 0.00	39.24 -4.54 0.00	41.96 -5.08 0.00	36.31 -4.87 0.82	36.62 -5.00 0.22	35.25 -4.91 0.90	43.30 -5.81 0.00	38.22 -6.01 3.73	49.29 -6.93 0.44	41.24 -6.19 1.04	53.38 -7.40 0.00	49.67 -7.23 0.00	39.93 -5.30 0.00	40.08 -4.93 0.00	35.51 -4.04 0.00
NGRID_A2_DSASP 323793	34.61 -3.34 0.00	32.39 -3.01 0.00	34.97 -3.29 0.00	34.45 -3.31 0.00	35.29 -3.39 0.00	35.19 -3.48 0.00	38.69 -4.20 0.00	45.53 -5.45 0.00	41.41 -4.60 0.00	37.57 -4.13 0.00	39.24 -4.54 0.00	41.96 -5.08 0.00	36.31 -4.87 0.82	36.62 -5.00 0.22	35.25 -4.91 0.90	43.30 -5.81 0.00	38.22 -6.01 3.73	49.29 -6.93 0.44	41.24 -6.19 1.04	53.38 -7.40 0.00	49.67 -7.23 0.00	39.93 -5.30 0.00	40.08 -4.93 0.00	35.51 -4.04 0.00
NGRID_A4_DSASP 323807	34.61 -3.34 0.00	32.39 -3.01 0.00	34.97 -3.29 0.00	34.45 -3.31 0.00	35.29 -3.39 0.00	35.19 -3.48 0.00	38.69 -4.20 0.00	45.53 -5.45 0.00	41.41 -4.60 0.00	37.57 -4.13 0.00	39.24 -4.54 0.00	41.96 -5.08 0.00	36.31 -4.87 0.82	36.62 -5.00 0.22	35.25 -4.91 0.90	43.30 -5.81 0.00	38.22 -6.01 3.73	49.29 -6.93 0.44	41.24 -6.19 1.04	53.38 -7.40 0.00	49.67 -7.23 0.00	39.93 -5.30 0.00	40.08 -4.93 0.00	35.51 -4.04 0.00
NIAGARA_115E_LBMP 323715	34.45 -3.51 0.00	32.22 -3.18 0.00	34.80 -3.45 0.00	34.29 -3.46 0.00	35.14 -3.54 0.00	35.01 -3.66 0.00	38.44 -4.45 0.00	45.24 -5.74 0.00	41.16 -4.85 0.00	37.32 -4.37 0.00	38.98 -4.80 0.00	41.68 -5.36 0.00	36.09 -5.08 0.83	36.39 -5.23 0.21	35.13 -5.04 0.90	43.03 -6.09 0.00	38.19 -6.11 3.66	49.04 -7.20 0.42	41.18 -6.30 1.00	53.41 -7.37 0.00	49.72 -7.18 0.00	40.04 -5.19 0.00	40.14 -4.87 0.00	35.36 -4.18 0.00
NIAGARA_115W_LBMP 323714	34.56 -3.39 0.00	32.35 -3.05 0.00	34.91 -3.34 0.00	34.40 -3.35 0.00	35.25 -3.43 0.00	35.14 -3.53 0.00	38.63 -4.26 0.00	45.46 -5.51 0.00	41.35 -4.66 0.00	37.51 -4.18 0.00	39.19 -4.59 0.00	41.91 -5.13 0.00	36.26 -4.92 0.82	36.57 -5.05 0.22	35.21 -4.95 0.90	43.25 -5.87 0.00	38.17 -6.06 3.72	49.23 -6.99 0.44	41.18 -6.25 1.04	53.27 -7.50 0.00	49.58 -7.31 0.00	39.87 -5.36 0.00	40.01 -5.00 0.00	35.46 -4.08 0.00
NIAGARA_230_LBMP 323716	34.72 -3.24 0.00	32.47 -2.93 0.00	35.07 -3.18 0.00	34.55 -3.20 0.00	35.39 -3.29 0.00	35.29 -3.38 0.00	38.81 -4.08 0.00	45.73 -5.24 0.00	41.56 -4.45 0.00	37.69 -4.00 0.00	39.39 -4.39 0.00	42.12 -4.92 0.00	36.48 -4.72 0.80	36.81 -4.82 0.21	35.46 -4.73 0.88	43.51 -5.60 0.00	38.55 -5.78 3.63	49.58 -6.66 0.42	41.55 -5.92 0.99	53.92 -6.85 0.00	50.19 -6.70 0.00	40.35 -4.89 0.00	40.42 -4.59 0.00	35.65 -3.89 0.00
NIAGARA__115KV_198_GIBSON 55903	34.56 -3.39 0.00	32.34 -3.06 0.00	34.92 -3.34 0.00	34.40 -3.35 0.00	35.25 -3.43 0.00	35.15 -3.52 0.00	38.64 -4.26 0.00	45.48 -5.50 0.00	41.33 -4.68 0.00	37.51 -4.18 0.00	39.19 -4.60 0.00	41.91 -5.13 0.00	36.29 -4.89 0.82	36.57 -5.05 0.22	35.22 -4.94 0.90	43.24 -5.88 0.00	38.17 -6.07 3.72	49.22 -7.00 0.44	41.19 -6.24 1.04	53.28 -7.49 0.00	49.59 -7.30 0.00	39.87 -5.36 0.00	40.01 -5.00 0.00	35.46 -4.08 0.00
NIAGARA____ 23760	34.72 -3.24 0.00	32.47 -2.93 0.00	35.07 -3.18 0.00	34.55 -3.20 0.00	35.39 -3.29 0.00	35.29 -3.38 0.00	38.81 -4.08 0.00	45.73 -5.24 0.00	41.56 -4.45 0.00	37.69 -4.00 0.00	39.39 -4.39 0.00	42.12 -4.92 0.00	36.47 -4.72 0.80	36.81 -4.82 0.21	35.46 -4.73 0.88	43.51 -5.60 0.00	38.54 -5.78 3.64	49.58 -6.66 0.42	41.55 -5.92 1.00	53.92 -6.85 0.00	50.19 -6.70 0.00	40.35 -4.89 0.00	40.42 -4.59 0.00	35.65 -3.89 0.00
NINE_MILE_1 23575	36.38 -1.57 0.00	33.94 -1.46 0.00	36.66 -1.60 0.00	36.15 -1.60 0.00	37.05 -1.63 0.00	37.04 -1.63 0.00	41.10 -1.79 0.00	48.84 -2.13 0.00	44.11 -1.90 0.00	39.96 -1.73 0.00	41.95 -1.84 0.00	45.05 -2.00 0.00	40.18 -1.82 0.00	40.00 -1.84 0.00	39.28 -1.78 0.00	46.99 -2.13 0.00	45.90 -2.06 0.00	54.28 -2.38 0.00	46.48 -2.00 0.00	58.27 -2.51 0.00	54.49 -2.41 0.00	43.34 -1.89 0.00	43.12 -1.89 0.00	37.87 -1.67 0.00
NINE_MILE_2 23744	36.38 -1.57 0.00	33.94 -1.46 0.00	36.66 -1.60 0.00	36.16 -1.59 0.00	37.05 -1.63 0.00	37.05 -1.62 0.00	41.10 -1.79 0.00	48.85 -2.12 0.00	44.11 -1.90 0.00	39.96 -1.73 0.00	41.95 -1.84 0.00	45.05 -1.99 0.00	40.18 -1.82 0.00	40.00 -1.83 0.00	39.28 -1.78 0.00	46.99 -2.12 0.00	45.90 -2.06 0.00	54.28 -2.38 0.00	46.48 -2.00 0.00	58.27 -2.51 0.00	54.49 -2.40 0.00	43.34 -1.89 0.00	43.12 -1.89 0.00	37.87 -1.67 0.00
NM_CAPITAL__DRP 24208	38.79 0.84 0.00	36.18 0.78 0.00	39.10 0.85 0.00	38.58 0.83 0.00	39.50 0.82 0.00	39.42 0.75 0.00	43.52 0.63 0.00	51.65 0.67 0.00	46.70 0.69 0.00	42.40 0.70 0.00	44.51 0.72 0.00	47.80 0.76 0.00	42.71 0.71 0.00	42.64 0.81 0.00	41.84 0.78 0.00	50.05 0.93 0.00	49.03 1.07 0.00	57.99 1.33 0.00	49.76 1.28 0.00	62.06 1.29 0.00	58.19 1.30 0.00	46.24 1.01 0.00	46.04 1.02 0.00	40.49 0.95 0.00

NM_CENTRAL___DRP 24181	37.08 -0.88 0.00	34.58 -0.82 0.00	37.32 -0.93 0.00	36.81 -0.94 0.00	37.73 -0.95 0.00	37.76 -0.92 0.00	41.93 -0.95 0.00	49.89 -1.09 0.00	45.04 -0.97 0.00	40.79 -0.91 0.00	42.81 -0.98 0.00	45.97 -1.07 0.00	40.97 -1.03 0.00	40.79 -1.05 0.00	40.08 -0.98 0.00	47.97 -1.15 0.00	46.86 -1.10 0.00	55.46 -1.19 0.00	47.52 -0.96 0.00	59.54 -1.23 0.00	55.64 -1.26 0.00	44.24 -0.99 0.00	43.99 -1.02 0.00	38.59 -0.96 0.00
NM_FRONTIER___DRP 24179	34.56 -3.39 0.00	32.34 -3.06 0.00	34.92 -3.34 0.00	34.40 -3.35 0.00	35.25 -3.43 0.00	35.15 -3.52 0.00	38.64 -4.26 0.00	45.48 -5.50 0.00	41.33 -4.68 0.00	37.51 -4.18 0.00	39.19 -4.60 0.00	41.91 -5.13 0.00	36.29 -4.89 0.82	36.57 -5.05 0.22	35.22 -4.94 0.90	43.24 -5.88 0.00	38.17 -6.07 3.72	49.22 -7.00 0.44	41.19 -6.24 1.04	53.28 -7.49 0.00	49.59 -7.30 0.00	39.87 -5.36 0.00	40.01 -5.00 0.00	35.46 -4.08 0.00
NM_ST_REGIS___HYD 24053	39.32 1.37 0.00	36.73 1.33 0.00	39.89 1.63 0.00	39.55 1.80 0.00	40.47 1.79 0.00	40.28 1.61 0.00	44.47 1.58 0.00	52.90 1.92 0.00	47.67 1.65 0.00	43.01 1.32 0.00	45.27 1.48 0.00	48.60 1.56 0.00	43.83 1.83 0.00	43.58 1.75 0.00	42.76 1.70 0.00	51.13 2.01 0.00	49.67 1.72 0.00	58.12 1.46 0.00	49.03 0.55 0.00	61.99 1.21 0.00	58.11 1.21 0.00	46.35 1.12 0.00	46.16 1.14 0.00	40.62 1.07 0.00
NORTHPORT___1 23551	39.86 1.91 0.00	37.15 1.75 0.00	39.89 1.64 0.00	39.17 1.42 0.00	40.06 1.37 0.00	40.23 1.56 0.00	44.95 2.06 0.00	53.54 2.56 0.00	47.98 1.97 0.00	43.53 1.83 0.00	45.76 1.97 0.00	49.86 2.81 0.00	44.68 2.68 0.00	44.69 2.86 0.00	43.53 2.47 0.00	53.51 3.09 -1.31	105.77 3.38 -54.44	158.61 3.91 -98.04	172.01 3.64 -119.90	64.60 3.83 0.00	60.35 3.46 0.00	48.01 2.78 0.00	47.77 2.76 0.00	41.70 2.15 0.00
NORTHPORT___2 23552	39.86 1.91 0.00	37.15 1.75 0.00	39.89 1.64 0.00	39.17 1.42 0.00	40.06 1.37 0.00	40.23 1.56 0.00	44.95 2.06 0.00	53.54 2.56 0.00	47.98 1.97 0.00	43.53 1.83 0.00	45.76 1.97 0.00	49.86 2.81 0.00	44.68 2.68 0.00	44.69 2.86 0.00	43.53 2.47 0.00	53.51 3.09 -1.31	105.77 3.38 -54.44	158.61 3.91 -98.04	172.01 3.64 -119.90	64.60 3.83 0.00	60.35 3.46 0.00	48.01 2.78 0.00	47.77 2.76 0.00	41.70 2.15 0.00
NORTHPORT___3 23553	39.58 1.63 0.00	36.88 1.48 0.00	39.64 1.39 0.00	38.95 1.20 0.00	39.84 1.16 0.00	40.00 1.33 0.00	44.71 1.82 0.00	53.27 2.29 0.00	47.78 1.77 0.00	43.30 1.61 0.00	45.47 1.69 0.00	49.51 2.46 0.00	44.37 2.38 0.00	44.37 2.53 0.00	43.29 2.22 0.00	53.22 2.79 -1.31	105.47 3.07 -54.44	158.28 3.57 -98.04	171.64 3.27 -119.90	64.22 3.45 0.00	60.04 3.15 0.00	47.72 2.49 0.00	47.48 2.47 0.00	41.49 1.94 0.00
NORTHPORT___4 23650	39.58 1.63 0.00	36.88 1.48 0.00	39.64 1.39 0.00	38.95 1.20 0.00	39.84 1.16 0.00	40.00 1.33 0.00	44.71 1.82 0.00	53.27 2.29 0.00	47.78 1.77 0.00	43.30 1.61 0.00	45.47 1.69 0.00	49.51 2.46 0.00	44.37 2.38 0.00	44.37 2.53 0.00	43.29 2.22 0.00	53.22 2.79 -1.31	105.47 3.07 -54.44	158.28 3.57 -98.04	171.64 3.27 -119.90	64.22 3.45 0.00	60.04 3.15 0.00	47.72 2.49 0.00	47.48 2.47 0.00	41.49 1.94 0.00
NORTHPORT___IC 23718	39.86 1.91 0.00	37.14 1.75 0.00	39.90 1.64 0.00	39.17 1.43 0.00	40.06 1.37 0.00	40.23 1.56 0.00	44.95 2.06 0.00	53.54 2.56 0.00	47.98 1.97 0.00	43.53 1.84 0.00	45.77 1.98 0.00	49.86 2.82 0.00	44.68 2.68 0.00	44.70 2.87 0.00	43.51 2.45 0.00	53.51 3.09 -1.31	105.77 3.38 -54.44	158.62 3.91 -98.04	172.01 3.64 -119.90	64.59 3.82 0.00	60.35 3.46 0.00	48.01 2.78 0.00	47.77 2.75 0.00	41.70 2.16 0.00
NORTH___COUNTRY_ESR 323785	38.80 0.84 0.00	36.31 0.91 0.00	39.55 1.29 0.00	39.00 1.24 0.00	39.93 1.26 0.00	39.89 1.22 0.00	44.09 1.20 0.00	52.28 1.30 0.00	47.09 1.08 0.00	42.60 0.91 0.00	44.93 1.15 0.00	48.07 1.03 0.00	43.17 1.18 0.00	42.99 1.16 0.00	42.16 1.09 0.00	50.30 1.18 0.00	48.67 0.72 0.00	56.58 -0.07 0.00	47.85 -0.62 0.00	60.46 -0.32 0.00	56.77 -0.12 0.00	45.09 -0.14 0.00	44.88 -0.13 0.00	39.62 0.08 0.00
NPX_GEN_1385_PROXY 323591	39.87 1.92 0.00	37.26 1.87 0.00	40.03 1.77 0.00	39.17 1.42 0.00	40.06 1.38 0.00	40.36 1.69 0.00	45.05 2.16 0.00	53.54 2.56 0.00	47.97 1.96 0.00	43.52 1.82 0.00	45.49 1.71 0.00	49.98 2.94 0.00	44.74 2.74 0.00	45.18 3.34 0.00	43.30 2.24 0.00	53.05 2.62 -1.31	105.77 3.38 -54.44	158.61 3.91 -98.04	172.01 3.64 -119.90	64.57 3.79 0.00	59.65 2.76 0.00	47.69 2.46 0.00	47.54 2.53 0.00	41.65 2.11 0.00
NPX_GEN_CSC 323557	39.09 1.14 0.00	36.57 1.17 0.00	39.02 0.76 0.00	38.24 0.49 0.00	37.27 0.19 1.60	39.67 1.00 0.00	44.84 1.95 0.00	52.70 1.72 0.00	4.17 0.46 42.29	18.93 0.35 23.11	-23.80 0.38 67.97	-13.58 1.27 61.89	4.14 1.36 39.21	16.62 1.51 26.72	21.04 1.23 21.25	34.56 1.73 16.28	105.82 3.42 -54.44	158.24 3.54 -98.04	171.35 2.98 -119.90	33.01 1.89 29.66	51.33 2.58 8.15	47.72 2.49 0.00	47.54 2.53 0.00	41.48 1.94 0.00
NSINS_S___GLNS_FALLS 23858	40.16 2.21 0.00	37.45 2.05 0.00	40.65 2.39 0.00	40.11 2.35 0.00	41.10 2.42 0.00	41.07 2.40 0.00	45.87 2.98 0.00	54.42 3.44 0.00	49.15 3.14 0.00	44.58 2.89 0.00	46.75 2.97 0.00	50.10 3.06 0.00	44.71 2.71 0.00	44.82 2.98 0.00	43.93 2.87 0.00	52.66 3.54 0.00	51.50 3.54 0.00	61.11 4.45 0.00	52.33 3.86 0.00	65.42 4.64 0.00	61.19 4.30 0.00	48.66 3.43 0.00	49.07 4.06 0.00	43.28 3.74 0.00
NUCOR_STEEL___DRP 24197	37.41 -0.54 0.00	34.87 -0.53 0.00	37.76 -0.49 0.00	37.23 -0.53 0.00	38.02 -0.66 0.00	38.04 -0.63 0.00	42.27 -0.62 0.00	50.26 -0.72 0.00	45.36 -0.65 0.00	41.05 -0.64 0.00	43.04 -0.74 0.00	46.21 -0.83 0.00	41.55 -0.84 -0.39	40.92 -0.94 -0.02	40.62 -0.74 -0.30	48.26 -0.85 0.00	48.97 -0.78 -1.79	55.92 -0.74 0.00	47.91 -0.57 0.00	60.07 -0.70 0.00	56.10 -0.80 0.00	44.63 -0.60 0.00	44.36 -0.65 0.00	39.06 -0.49 0.00
NUMBER_THREE_WT_PWR 323818	39.56 1.61 0.00	36.84 1.44 0.00	39.58 1.32 0.00	38.92 1.17 0.00	40.12 1.44 0.00	39.84 1.17 0.00	43.79 0.91 0.00	52.84 1.86 0.00	47.30 1.29 0.00	42.14 0.45 0.00	44.42 0.63 0.00	47.73 0.68 0.00	42.66 0.67 0.00	42.06 0.22 0.00	41.16 0.10 0.00	49.29 0.18 0.00	48.22 0.26 0.00	56.78 0.12 0.00	48.63 0.16 0.00	61.07 0.30 0.00	57.01 0.12 0.00	45.18 -0.05 0.00	44.83 -0.18 0.00	39.21 -0.33 0.00
NYISO_LBMP_REFERENCE 24008	37.95 0.00 0.00	35.40 0.00 0.00	38.26 0.00 0.00	37.75 0.00 0.00	38.68 0.00 0.00	38.67 0.00 0.00	42.89 0.00 0.00	50.98 0.00 0.00	46.01 0.00 0.00	41.69 0.00 0.00	43.78 0.00 0.00	47.04 0.00 0.00	41.99 0.00 0.00	41.83 0.00 0.00	41.06 0.00 0.00	49.12 0.00 0.00	47.96 0.00 0.00	56.66 0.00 0.00	48.47 0.00 0.00	60.78 0.00 0.00	56.90 0.00 0.00	45.23 0.00 0.00	45.01 0.00 0.00	39.55 0.00 0.00

NYPA_BRENTWD____GT 24164	40.19 2.24 0.00	37.44 2.04 0.00	40.20 1.94 0.00	39.50 1.75 0.00	40.38 1.70 0.00	40.61 1.94 0.00	45.45 2.56 0.00	54.14 3.17 0.00	48.48 2.47 0.00	43.92 2.22 0.00	46.11 2.32 0.00	50.26 3.22 0.00	45.03 3.04 0.00	45.03 3.20 0.00	43.91 2.85 0.00	54.05 3.62 -1.31	106.39 3.99 -54.44	159.21 4.51 -98.04	172.43 4.06 -119.90	65.29 4.52 0.00	61.01 4.11 0.00	48.47 3.24 0.00	48.19 3.18 0.00	42.07 2.52 0.00
NYPA_GOWANUS____GT5 24156	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.94 -65.07	115.05 2.75 -70.30	115.04 2.77 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
NYPA_GOWANUS____GT6 24157	70.25 1.77 -30.53	57.51 1.59 -20.52	57.98 1.62 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.94 -65.07	115.05 2.75 -70.30	115.04 2.77 -70.44	115.07 2.65 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.30 -29.60
NYPA_HARLEM__RVR__GT1 24160	39.41 1.46 0.00	36.70 1.30 -0.01	39.42 1.17 0.00	38.96 1.20 0.00	39.88 1.20 0.00	39.93 1.26 0.00	44.46 1.57 0.00	53.11 2.13 0.00	47.99 1.98 0.00	43.49 1.80 0.00	45.69 1.91 0.00	49.39 2.35 0.00	44.22 2.23 0.00	44.09 2.25 0.00	43.21 2.15 0.00	51.65 2.53 0.00	50.56 2.60 0.00	59.58 2.92 0.00	51.31 2.83 0.00	63.80 3.03 0.00	59.82 2.93 0.00	47.59 2.36 0.00	47.29 2.28 0.00	41.50 1.95 0.00
NYPA_HARLEM__RVR__GT2 24161	39.41 1.46 0.00	36.70 1.30 -0.01	39.42 1.17 0.00	38.96 1.20 0.00	39.88 1.20 0.00	39.93 1.26 0.00	44.46 1.57 0.00	53.11 2.13 0.00	47.99 1.98 0.00	43.49 1.80 0.00	45.69 1.91 0.00	49.39 2.35 0.00	44.22 2.23 0.00	44.09 2.25 0.00	43.21 2.15 0.00	51.65 2.53 0.00	50.56 2.60 0.00	59.58 2.92 0.00	51.31 2.83 0.00	63.80 3.03 0.00	59.82 2.93 0.00	47.59 2.36 0.00	47.29 2.28 0.00	41.50 1.95 0.00
NYPA_KENT____GT 24152	57.98 1.66 -18.37	49.26 1.50 -12.35	50.65 1.50 -10.89	39.21 1.46 0.00	40.15 1.47 0.00	43.74 1.55 -3.52	72.71 1.87 -27.95	87.59 2.51 -34.10	68.68 2.32 -20.35	85.37 2.16 -41.51	87.49 2.29 -41.42	88.96 2.76 -39.16	86.90 2.60 -42.31	86.85 2.63 -42.39	86.50 2.50 -42.94	32.93 2.90 19.09	21.29 2.94 29.60	28.14 3.34 31.86	45.26 3.09 6.30	54.20 3.38 9.95	74.13 3.22 -14.01	88.30 2.61 -40.46	88.21 2.58 -40.62	59.56 2.20 -17.81
NYPA_POUCH1____GT 24155	70.17 1.69 -30.53	57.44 1.52 -20.52	57.90 1.54 -18.10	39.23 1.48 0.00	40.15 1.47 0.00	46.11 1.59 -5.85	91.25 1.93 -46.44	110.21 2.56 -56.67	82.19 2.35 -33.82	112.66 2.21 -68.76	114.94 2.34 -68.82	114.92 2.81 -65.07	114.93 2.63 -70.30	114.94 2.67 -70.44	114.95 2.54 -71.35	114.92 2.94 -62.86	114.20 2.97 -63.27	113.47 3.39 -53.42	78.40 3.07 -26.86	88.71 3.38 -24.56	83.40 3.22 -23.29	115.12 2.66 -67.23	115.16 2.64 -67.51	71.35 2.20 -29.60
NYPA_VERNON____GT2 24162	45.73 1.57 -6.22	41.00 1.41 -4.18	43.32 1.39 -3.69	39.10 1.35 0.00	40.04 1.36 0.00	41.28 1.42 -1.19	54.07 1.73 -9.45	64.86 2.34 -11.54	55.06 2.16 -6.88	57.65 2.02 -13.93	59.92 2.13 -14.01	62.88 2.59 -13.25	58.77 2.46 -14.31	58.65 2.48 -14.34	57.95 2.36 -14.53	45.40 2.75 6.46	40.74 2.81 10.02	49.07 3.19 10.78	49.33 2.99 2.13	60.66 3.26 3.37	64.73 3.10 -4.74	61.38 2.46 -13.69	61.19 2.43 -13.74	47.66 2.09 -6.03
NYPA_VERNON____GT3 24163	45.73 1.57 -6.22	41.00 1.41 -4.18	43.32 1.39 -3.69	39.10 1.35 0.00	40.04 1.36 0.00	41.28 1.42 -1.19	54.07 1.73 -9.45	64.86 2.34 -11.54	55.06 2.16 -6.88	57.65 2.02 -13.93	59.92 2.13 -14.01	62.88 2.59 -13.25	58.77 2.46 -14.31	58.65 2.48 -14.34	57.95 2.36 -14.53	45.40 2.75 6.46	40.74 2.81 10.02	49.07 3.19 10.78	49.33 2.99 2.13	60.66 3.26 3.37	64.73 3.10 -4.74	61.38 2.46 -13.69	61.19 2.43 -13.74	47.66 2.09 -6.03
NYPA__ASTORIA_CC1 323568	39.48 1.53 0.00	36.79 1.38 -0.01	39.59 1.34 0.00	39.06 1.30 0.00	40.00 1.31 0.00	40.05 1.38 0.00	44.54 1.65 0.00	53.22 2.25 0.00	48.09 2.08 0.00	43.64 1.95 0.00	45.84 2.05 0.00	49.56 2.51 0.00	44.37 2.37 0.00	44.23 2.40 0.00	43.35 2.29 0.00	51.77 2.65 0.00	50.68 2.72 0.00	59.75 3.09 0.00	51.37 2.90 0.00	63.94 3.16 0.00	59.91 3.02 0.00	47.61 2.38 0.00	47.36 2.35 0.00	41.58 2.03 0.00
NYPA__ASTORIA_CC2 323569	39.48 1.53 0.00	36.79 1.38 -0.01	39.59 1.34 0.00	39.06 1.30 0.00	40.00 1.31 0.00	40.05 1.38 0.00	44.54 1.65 0.00	53.22 2.25 0.00	48.09 2.08 0.00	43.64 1.95 0.00	45.84 2.05 0.00	49.56 2.51 0.00	44.37 2.37 0.00	44.23 2.40 0.00	43.35 2.29 0.00	51.77 2.65 0.00	50.68 2.72 0.00	59.75 3.09 0.00	51.37 2.90 0.00	63.94 3.16 0.00	59.91 3.02 0.00	47.61 2.38 0.00	47.36 2.35 0.00	41.58 2.03 0.00
NYPA__HOLTSVILL 23794	39.93 1.98 0.00	37.21 1.81 0.00	39.94 1.69 0.00	39.23 1.47 0.00	40.08 1.40 0.00	40.35 1.68 0.00	45.19 2.31 0.00	53.73 2.76 0.00	48.02 2.01 0.00	43.48 1.79 0.00	45.65 1.87 0.00	49.76 2.72 0.00	44.61 2.61 0.00	44.58 2.75 0.00	43.50 2.44 0.00	53.56 3.13 -1.31	106.04 3.64 -54.44	158.83 4.13 -98.04	172.08 3.71 -119.90	64.66 3.89 0.00	60.45 3.55 0.00	48.02 2.78 0.00	47.77 2.75 0.00	41.69 2.15 0.00
NYPA__HELLGATE_GT1 24158	39.41 1.46 0.00	36.70 1.30 -0.01	39.42 1.17 0.00	38.96 1.20 0.00	39.88 1.20 0.00	39.93 1.26 0.00	44.46 1.57 0.00	53.11 2.13 0.00	47.99 1.98 0.00	43.49 1.80 0.00	45.69 1.91 0.00	49.39 2.35 0.00	44.22 2.23 0.00	44.09 2.25 0.00	43.21 2.15 0.00	51.65 2.53 0.00	50.55 2.59 0.00	59.57 2.92 0.00	51.31 2.83 0.00	63.78 3.00 0.00	59.82 2.93 0.00	47.59 2.36 0.00	47.29 2.28 0.00	41.50 1.95 0.00
NYPA__HELLGATE_GT2 24159	39.41 1.46 0.00	36.70 1.30 -0.01	39.42 1.17 0.00	38.96 1.20 0.00	39.88 1.20 0.00	39.93 1.26 0.00	44.46 1.57 0.00	53.11 2.13 0.00	47.99 1.98 0.00	43.49 1.80 0.00	45.69 1.91 0.00	49.39 2.35 0.00	44.22 2.23 0.00	44.09 2.25 0.00	43.21 2.15 0.00	51.65 2.53 0.00	50.55 2.59 0.00	59.57 2.92 0.00	51.31 2.83 0.00	63.78 3.00 0.00	59.82 2.93 0.00	47.59 2.36 0.00	47.29 2.28 0.00	41.50 1.95 0.00
NYS_BARGE__HYD 23848	35.02 -2.94 0.00	32.75 -2.64 0.00	35.38 -2.87 0.00	34.85 -2.90 0.00	35.70 -2.98 0.00	35.61 -3.06 0.00	39.17 -3.71 0.00	46.15 -4.83 0.00	41.97 -4.04 0.00	38.04 -3.65 0.00	39.74 -4.04 0.00	42.48 -4.56 0.79	36.83 -4.37 0.20	37.13 -4.50 0.20	35.84 -4.36 0.86	43.87 -5.24 0.00	39.12 -5.28 3.55	50.12 -6.14 0.40	42.13 -5.40 0.95	54.53 -6.24 0.00	50.76 -6.14 0.00	40.82 -4.42 0.00	40.88 -4.13 0.00	35.98 -3.57 0.00

OAK ORCHARD___HYD 24046	36.07 -1.89 0.00	33.69 -1.71 0.00	36.37 -1.88 0.00	35.86 -1.89 0.00	36.77 -1.91 0.00	36.76 -1.90 0.00	40.71 -2.18 0.00	48.24 -2.74 0.00	43.67 -2.33 0.00	39.60 -2.10 0.00	41.48 -2.30 0.00	44.42 -2.62 0.00	38.91 -2.53 0.55	39.23 -2.58 0.03	38.09 -2.56 0.42	46.13 -2.98 0.00	42.42 -3.06 2.47	53.23 -3.43 0.00	45.48 -3.00 0.00	57.34 -3.43 0.00	53.43 -3.46 0.00	42.65 -2.59 0.00	42.50 -2.52 0.00	37.33 -2.22 0.00
OAKDALE___35_KV_LOAD 356122	37.37 -0.58 0.00	34.82 -0.58 0.00	37.65 -0.61 0.00	37.09 -0.66 0.00	37.92 -0.76 0.00	37.93 -0.74 0.00	42.09 -0.80 0.00	50.10 -0.88 0.00	45.19 -0.82 0.00	40.85 -0.84 0.00	42.88 -0.91 0.00	46.15 -0.89 0.00	40.42 -0.99 0.58	40.80 -1.01 0.03	39.69 -0.93 0.45	48.05 -1.07 0.00	44.29 -1.02 2.65	55.65 -1.01 0.00	47.72 -0.75 0.00	59.81 -0.96 0.00	55.93 -0.97 0.00	44.57 -0.66 0.00	44.39 -0.62 0.00	38.90 -0.65 0.00
OCC_CHEM___DRP 24175	34.61 -3.34 0.00	32.39 -3.01 0.00	34.97 -3.29 0.00	34.45 -3.31 0.00	35.29 -3.39 0.00	35.19 -3.48 0.00	38.69 -4.20 0.00	45.54 -5.44 0.00	41.41 -4.60 0.00	37.57 -4.13 0.00	39.24 -4.54 0.00	41.96 -5.08 0.00	36.33 -4.84 0.82	36.62 -5.00 0.22	35.27 -4.89 0.90	43.30 -5.82 0.00	38.21 -6.01 3.73	49.28 -6.94 0.44	41.25 -6.18 1.04	53.39 -7.38 0.00	49.67 -7.23 0.00	39.94 -5.29 0.00	40.08 -4.93 0.00	35.51 -4.03 0.00
OH_GEN_PROXY 24063	34.75 -3.20 0.00	32.51 -2.89 0.00	35.11 -3.14 0.00	34.60 -3.15 0.00	35.43 -3.24 0.00	35.34 -3.33 0.00	38.88 -4.00 0.00	45.86 -5.12 0.00	41.65 -4.36 0.00	37.76 -3.93 0.00	39.47 -4.31 0.00	42.24 -4.80 0.00	36.59 -4.61 0.79	36.92 -4.72 0.19	35.60 -4.62 0.84	43.64 -5.47 0.00	38.71 -5.64 3.61	49.78 -6.50 0.38	41.80 -5.77 0.90	54.11 -6.67 0.00	50.37 -6.53 0.00	40.46 -4.77 0.00	40.52 -4.49 0.00	35.72 -3.83 0.00
OLIN_CORP_DRP 24177	34.51 -3.44 0.00	32.28 -3.12 0.00	34.87 -3.39 0.00	34.35 -3.40 0.00	35.20 -3.48 0.00	35.08 -3.59 0.00	38.53 -4.36 0.00	45.35 -5.63 0.00	41.26 -4.75 0.00	37.41 -4.28 0.00	39.08 -4.70 0.00	41.78 -5.26 0.00	36.19 -4.97 0.84	36.48 -5.14 0.21	35.19 -4.96 0.91	43.12 -5.99 0.00	38.17 -6.06 3.72	49.12 -7.11 0.43	41.23 -6.22 1.02	53.55 -7.22 0.00	49.84 -7.06 0.00	40.11 -5.12 0.00	40.22 -4.79 0.00	35.43 -4.11 0.00
OLIN_CORP_DSASP 323712	34.61 -3.34 0.00	32.39 -3.01 0.00	34.97 -3.29 0.00	34.45 -3.31 0.00	35.29 -3.39 0.00	35.19 -3.48 0.00	38.69 -4.20 0.00	45.53 -5.45 0.00	41.41 -4.60 0.00	37.57 -4.13 0.00	39.24 -4.54 0.00	41.96 -5.08 0.00	36.31 -4.87 0.82	36.62 -5.00 0.22	35.25 -4.91 0.90	43.30 -5.81 0.00	38.22 -6.01 3.73	49.29 -6.93 0.44	41.24 -6.19 1.04	53.38 -7.40 0.00	49.67 -7.23 0.00	39.93 -5.30 0.00	40.08 -4.93 0.00	35.51 -4.04 0.00
ONEIDA_HERK_LFGE 323681	39.15 1.20 0.00	36.46 1.06 0.00	39.28 1.03 0.00	38.71 0.96 0.00	39.80 1.12 0.00	39.71 1.04 0.00	43.98 1.09 0.00	52.62 1.65 0.00	47.33 1.32 0.00	42.59 0.90 0.00	44.82 1.04 0.00	48.17 1.13 0.00	42.96 0.97 0.00	42.61 0.77 0.00	41.77 0.70 0.00	50.05 0.93 0.00	48.95 0.99 0.00	57.80 1.14 0.00	49.48 1.01 0.00	62.04 1.26 0.00	57.94 1.04 0.00	45.98 0.74 0.00	45.63 0.62 0.00	39.98 0.43 0.00
ONEIDA___115KV_TB4 55905	38.75 0.80 0.00	36.11 0.72 0.00	38.94 0.69 0.00	38.45 0.70 0.00	39.52 0.84 0.00	39.56 0.89 0.00	44.02 1.13 0.00	52.48 1.50 0.00	47.27 1.27 0.00	42.73 1.03 0.00	44.91 1.13 0.00	48.22 1.19 0.00	42.93 0.93 0.00	42.73 0.89 0.00	41.95 0.88 0.00	50.31 1.19 0.00	49.23 1.28 0.00	58.14 1.48 0.00	49.71 1.24 0.00	62.27 1.50 0.00	58.15 1.25 0.00	46.17 0.93 0.00	45.85 0.84 0.00	40.17 0.62 0.00
ONONDAGA_REF_OCCRA 23987	37.35 -0.60 0.00	34.83 -0.57 0.00	37.59 -0.66 0.00	37.07 -0.68 0.00	37.99 -0.69 0.00	38.03 -0.64 0.00	42.23 -0.66 0.00	50.26 -0.72 0.00	45.36 -0.65 0.00	41.08 -0.62 0.00	43.11 -0.68 0.00	46.29 -0.75 0.00	41.53 -0.74 -0.28	41.07 -0.78 -0.02	40.57 -0.71 -0.21	48.33 -0.79 0.00	48.49 -0.74 -1.27	55.91 -0.75 0.00	47.91 -0.57 0.00	60.03 -0.75 0.00	56.09 -0.80 0.00	44.60 -0.63 0.00	44.33 -0.68 0.00	38.88 -0.67 0.00
ONONDAGA___COGEN 23986	37.39 -0.56 0.00	34.88 -0.52 0.00	37.67 -0.59 0.00	37.14 -0.61 0.00	38.05 -0.63 0.00	38.08 -0.58 0.00	42.31 -0.59 0.00	50.33 -0.65 0.00	45.41 -0.60 0.00	41.11 -0.58 0.00	43.14 -0.64 0.00	46.31 -0.73 0.00	41.29 -0.71 0.00	41.09 -0.74 0.00	40.41 -0.65 0.00	48.37 -0.75 0.00	47.26 -0.69 0.00	55.97 -0.69 0.00	47.96 -0.52 0.00	60.10 -0.67 0.00	56.16 -0.73 0.00	44.65 -0.58 0.00	44.38 -0.63 0.00	38.93 -0.61 0.00
ONTARIO___LFGE 23819	37.24 -0.71 0.00	34.72 -0.68 0.00	37.50 -0.76 0.00	36.98 -0.77 0.00	37.83 -0.85 0.00	37.84 -0.84 0.00	42.09 -0.80 0.00	49.99 -0.99 0.00	45.16 -0.85 0.00	40.82 -0.87 0.00	42.73 -1.05 0.00	45.87 -1.17 0.00	39.45 -1.41 1.13	40.44 -1.45 -0.05	39.13 -1.25 0.69	47.73 -1.39 0.00	41.41 -1.40 5.15	55.59 -1.36 -0.29	48.11 -1.05 -0.69	59.50 -1.28 0.00	55.54 -1.35 0.00	44.35 -0.89 0.00	44.13 -0.88 0.00	38.62 -0.93 0.00
ORANGEVILLE_WT_PWR 323706	35.84 -2.11 0.00	33.45 -1.95 0.00	36.13 -2.13 0.00	35.56 -2.19 0.00	36.23 -2.45 0.00	35.97 -2.70 0.00	39.67 -3.22 0.00	46.71 -4.27 0.00	42.37 -3.64 0.00	38.22 -3.48 0.00	39.78 -4.00 0.00	42.38 -4.66 0.00	36.25 -4.51 1.24	36.44 -4.60 0.79	34.55 -4.41 2.10	43.93 -5.18 0.00	37.26 -5.07 5.62	49.07 -5.74 1.86	39.28 -4.77 4.42	55.32 -5.46 0.00	51.55 -5.34 0.00	41.53 -3.70 0.00	41.64 -3.37 0.00	36.46 -3.09 0.00
ORANGEVILLE___ESR 323794	35.84 -2.11 0.00	33.45 -1.95 0.00	36.13 -2.13 0.00	35.56 -2.19 0.00	36.23 -2.45 0.00	35.97 -2.70 0.00	39.67 -3.22 0.00	46.71 -4.27 0.00	42.37 -3.64 0.00	38.22 -3.48 0.00	39.78 -4.00 0.00	42.38 -4.66 0.00	36.25 -4.51 1.24	36.44 -4.60 0.79	34.55 -4.41 2.10	43.93 -5.18 0.00	37.26 -5.07 5.62	49.07 -5.74 1.86	39.28 -4.77 4.42	55.32 -5.46 0.00	51.55 -5.34 0.00	41.53 -3.70 0.00	41.64 -3.37 0.00	36.46 -3.09 0.00
OSWEGATCHIE___HYD 24044	39.30 1.35 0.00	36.64 1.24 0.00	39.54 1.29 0.00	39.11 1.36 0.00	40.15 1.47 0.00	39.94 1.26 0.00	43.99 1.10 0.00	52.73 1.75 0.00	47.35 1.34 0.00	42.40 0.71 0.00	44.62 0.84 0.00	47.97 0.93 0.00	43.12 1.12 0.00	42.71 0.88 0.00	41.88 0.81 0.00	50.14 1.02 0.00	48.90 0.95 0.00	57.43 0.77 0.00	48.82 0.34 0.00	61.52 0.75 0.00	57.48 0.59 0.00	45.75 0.51 0.00	45.48 0.46 0.00	39.88 0.33 0.00
OSWEGO___5 23606	36.65 -1.30 0.00	34.20 -1.20 0.00	36.93 -1.32 0.00	36.43 -1.32 0.00	37.33 -1.35 0.00	37.32 -1.35 0.00	41.41 -1.47 0.00	49.23 -1.75 0.00	44.45 -1.56 0.00	40.26 -1.43 0.00	42.25 -1.53 0.00	45.38 -1.66 0.00	40.47 -1.53 0.00	40.28 -1.55 0.00	39.57 -1.49 0.00	47.35 -1.77 0.00	46.23 -1.72 0.00	54.70 -1.96 0.00	46.83 -1.64 0.00	58.72 -2.06 0.00	54.90 -1.99 0.00	43.68 -1.55 0.00	43.46 -1.56 0.00	38.16 -1.38 0.00

OSWEGO___6 23613	36.65 -1.30 0.00	34.20 -1.20 0.00	36.93 -1.32 0.00	36.43 -1.32 0.00	37.33 -1.35 0.00	37.32 -1.35 0.00	41.41 -1.47 0.00	49.23 -1.75 0.00	44.45 -1.56 0.00	40.26 -1.43 0.00	42.25 -1.53 0.00	45.38 -1.66 0.00	40.47 -1.53 0.00	40.28 -1.55 0.00	39.57 -1.49 0.00	47.35 -1.77 0.00	46.23 -1.72 0.00	54.70 -1.96 0.00	46.83 -1.64 0.00	58.72 -2.06 0.00	54.90 -1.99 0.00	43.68 -1.55 0.00	43.46 -1.56 0.00	38.16 -1.38 0.00
OUTOKUMPU-AB___DRP 24206	35.40 -2.55 0.00	33.10 -2.30 0.00	35.74 -2.51 0.00	35.20 -2.55 0.00	36.02 -2.66 0.00	35.94 -2.73 0.00	39.58 -3.31 0.00	46.67 -4.31 0.00	42.42 -3.59 0.00	38.46 -3.23 0.00	40.16 -3.62 0.00	42.95 -4.09 0.00	37.18 -3.96 0.85	37.51 -4.10 0.23	36.14 -3.98 0.94	44.38 -4.74 0.00	39.21 -4.89 3.85	50.60 -5.59 0.47	42.46 -4.90 1.11	55.07 -5.70 0.00	51.22 -5.67 0.00	41.17 -4.07 0.00	41.27 -3.74 0.00	36.37 -3.17 0.00
OXBOW___BTM 323836	34.91 -3.04 0.00	32.67 -2.73 0.00	35.27 -2.99 0.00	34.74 -3.01 0.00	35.57 -3.11 0.00	35.49 -3.18 0.00	39.04 -3.85 0.00	46.01 -4.97 0.00	41.83 -4.18 0.00	37.94 -3.75 0.00	39.63 -4.16 0.00	42.38 -4.66 0.00	36.65 -4.51 0.84	36.99 -4.62 0.22	35.62 -4.52 0.92	43.77 -5.34 0.00	38.64 -5.53 3.79	49.88 -6.32 0.45	41.78 -5.62 1.08	54.11 -6.66 0.00	50.35 -6.54 0.00	40.46 -4.77 0.00	40.59 -4.42 0.00	35.87 -3.68 0.00
OXBOW____ 24026	34.92 -3.04 0.00	32.67 -2.73 0.00	35.27 -2.99 0.00	34.74 -3.01 0.00	35.57 -3.11 0.00	35.49 -3.18 0.00	39.04 -3.85 0.00	46.00 -4.97 0.00	41.83 -4.18 0.00	37.94 -3.76 0.00	39.62 -4.16 0.00	42.38 -4.66 0.00	36.68 -4.48 0.84	36.99 -4.62 0.22	35.64 -4.51 0.92	43.76 -5.36 0.00	38.64 -5.53 3.79	49.86 -6.35 0.45	41.78 -5.62 1.08	54.12 -6.65 0.00	50.35 -6.54 0.00	40.47 -4.76 0.00	40.59 -4.42 0.00	35.87 -3.68 0.00
OXY_CHEM_DSASP 323612	34.61 -3.34 0.00	32.39 -3.01 0.00	34.97 -3.29 0.00	34.45 -3.31 0.00	35.29 -3.39 0.00	35.19 -3.48 0.00	38.69 -4.20 0.00	45.54 -5.44 0.00	41.41 -4.60 0.00	37.57 -4.13 0.00	39.24 -4.54 0.00	41.96 -5.08 0.00	36.33 -4.84 0.82	36.62 -5.00 0.22	35.27 -4.89 0.90	43.30 -5.82 0.00	38.21 -6.01 3.73	49.28 -6.94 0.44	41.25 -6.18 1.04	53.39 -7.38 0.00	49.67 -7.23 0.00	39.94 -5.29 0.00	40.08 -4.93 0.00	35.51 -4.03 0.00
OZONE_PARK_ESR 323760	39.72 1.77 0.00	36.94 1.55 0.00	39.78 1.53 0.00	39.23 1.48 0.00	40.16 1.48 0.00	40.24 1.57 0.00	44.87 1.98 0.00	53.62 2.64 0.00	48.43 2.42 0.00	43.93 2.24 0.00	46.14 2.35 0.00	49.89 2.85 0.00	44.67 2.67 0.00	44.56 2.72 0.00	43.65 2.58 0.00	52.20 3.09 0.00	51.12 3.16 0.00	60.33 3.67 0.00	51.89 3.41 0.00	64.53 3.75 0.00	60.45 3.56 0.00	47.99 2.76 0.00	47.74 2.73 0.00	41.85 2.31 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	34.61 -3.34 0.00	32.39 -3.01 0.00	34.97 -3.29 0.00	34.45 -3.31 0.00	35.29 -3.39 0.00	35.19 -3.48 0.00	38.69 -4.20 0.00	45.54 -5.44 0.00	41.41 -4.60 0.00	37.57 -4.13 0.00	39.24 -4.54 0.00	41.96 -5.08 0.00	36.33 -4.84 0.82	36.62 -5.00 0.22	35.27 -4.89 0.90	43.30 -5.82 0.00	38.21 -6.01 3.73	49.28 -6.94 0.44	41.25 -6.18 1.04	53.39 -7.38 0.00	49.67 -7.23 0.00	39.94 -5.29 0.00	40.08 -4.93 0.00	35.51 -4.03 0.00
PACKARD__115KV_DUPONT_184 80571	34.61 -3.34 0.00	32.39 -3.01 0.00	34.97 -3.29 0.00	34.45 -3.31 0.00	35.29 -3.39 0.00	35.19 -3.48 0.00	38.69 -4.20 0.00	45.54 -5.44 0.00	41.41 -4.60 0.00	37.57 -4.13 0.00	39.24 -4.54 0.00	41.96 -5.08 0.00	36.33 -4.84 0.82	36.62 -5.00 0.22	35.27 -4.89 0.90	43.30 -5.82 0.00	38.21 -6.01 3.73	49.28 -6.94 0.44	41.25 -6.18 1.04	53.39 -7.38 0.00	49.67 -7.23 0.00	39.94 -5.29 0.00	40.08 -4.93 0.00	35.51 -4.03 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	39.40 1.45 0.00	36.69 1.29 -0.01	39.51 1.26 0.00	39.03 1.28 0.00	39.96 1.28 0.00	40.01 1.34 0.00	44.49 1.60 0.00	53.12 2.15 0.00	48.00 1.99 0.00	43.51 1.81 0.00	45.71 1.92 0.00	49.40 2.35 0.00	44.22 2.23 0.00	44.10 2.27 0.00	43.21 2.14 0.00	51.65 2.54 0.00	50.57 2.62 0.00	59.65 3.00 0.00	51.35 2.88 0.00	63.84 3.07 0.00	59.84 2.94 0.00	47.57 2.34 0.00	47.29 2.28 0.00	41.49 1.94 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.46 1.51 0.00	36.79 1.38 -0.01	39.64 1.39 0.00	39.21 1.46 0.00	40.15 1.47 0.00	40.23 1.57 0.00	44.72 1.83 0.00	53.42 2.44 0.00	48.23 2.22 0.00	43.73 2.04 0.00	45.91 2.12 0.00	49.54 2.50 0.00	44.37 2.38 0.00	44.26 2.42 0.00	43.35 2.29 0.00	51.85 2.73 0.00	50.75 2.80 0.00	59.72 3.06 0.00	51.41 2.94 0.00	64.00 3.23 0.00	60.02 3.13 0.00	47.68 2.45 0.00	47.38 2.37 0.00	41.57 2.02 0.00
PATROON__115KV_TB1 80586	38.80 0.84 0.00	36.19 0.79 0.00	39.09 0.83 0.00	38.58 0.82 0.00	39.49 0.81 0.00	39.42 0.75 0.00	43.51 0.62 0.00	51.65 0.67 0.00	46.70 0.69 0.00	42.40 0.70 0.00	44.50 0.72 0.00	47.81 0.76 0.00	42.70 0.71 0.00	42.62 0.78 0.00	41.80 0.74 0.00	50.02 0.90 0.00	49.04 1.08 0.00	57.98 1.32 0.00	49.75 1.28 0.00	62.07 1.29 0.00	58.15 1.26 0.00	46.21 0.97 0.00	45.99 0.97 0.00	40.46 0.91 0.00
PATTRSNVILLE___SOLAR 323815	39.10 1.15 0.00	36.44 1.04 0.00	39.36 1.11 0.00	38.84 1.09 0.00	39.80 1.12 0.00	39.81 1.14 0.00	44.26 1.37 0.00	52.63 1.65 0.00	47.45 1.44 0.00	43.00 1.31 0.00	45.08 1.30 0.00	48.45 1.41 0.00	43.19 1.19 0.00	43.00 1.16 0.00	42.19 1.12 0.00	50.62 1.50 0.00	49.51 1.55 0.00	58.69 2.03 0.00	50.33 1.85 0.00	62.98 2.20 0.00	58.93 2.04 0.00	46.80 1.56 0.00	46.56 1.55 0.00	40.88 1.33 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	36.37 -1.58 0.00	33.99 -1.41 0.00	36.74 -1.51 0.00	36.19 -1.56 0.00	36.99 -1.69 0.00	36.91 -1.76 0.00	40.69 -2.20 0.00	48.10 -2.88 0.00	43.56 -2.45 0.00	39.48 -2.22 0.00	41.25 -2.53 0.00	44.23 -2.81 0.00	38.19 -2.82 0.98	38.70 -2.89 0.24	37.22 -2.80 1.05	45.84 -3.28 0.00	40.16 -3.39 4.41	52.24 -3.93 0.48	43.87 -3.45 1.15	56.95 -3.82 0.00	53.03 -3.86 0.00	42.61 -2.62 0.00	42.71 -2.31 0.00	37.49 -2.06 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	39.51 1.56 0.00	36.79 1.39 0.00	39.69 1.43 0.00	39.14 1.39 0.00	40.09 1.40 0.00	40.13 1.46 0.00	44.75 1.87 0.00	53.41 2.43 0.00	48.31 2.30 0.00	43.81 2.11 0.00	46.00 2.22 0.00	49.62 2.58 0.00	44.38 2.39 0.00	44.28 2.45 0.00	43.36 2.30 0.00	51.79 2.67 0.00	50.73 2.78 0.00	59.99 3.33 0.00	51.61 3.13 0.00	64.29 3.51 0.00	60.20 3.31 0.00	47.77 2.53 0.00	47.48 2.47 0.00	41.62 2.07 0.00
PEEKSKILL____ 23653	39.11 1.16 0.00	36.43 1.03 0.00	39.28 1.02 0.00	38.74 0.99 0.00	39.66 0.98 0.00	39.69 1.02 0.00	44.21 1.32 0.00	52.76 1.78 0.00	47.62 1.62 0.00	43.20 1.51 0.00	45.36 1.57 0.00	48.97 1.93 0.00	43.84 1.85 0.00	43.72 1.89 0.00	42.86 1.79 0.00	51.22 2.11 0.00	50.17 2.21 0.00	59.25 2.59 0.00	50.94 2.46 0.00	63.43 2.65 0.00	59.42 2.53 0.00	47.17 1.94 0.00	46.97 1.95 0.00	41.20 1.66 0.00

PGE MADISON___WINDPWR 24146	40.17 2.22 0.00	37.24 1.85 0.00	40.11 1.85 0.00	39.17 1.42 0.00	40.19 1.51 0.00	39.68 1.01 0.00	44.31 1.42 0.00	52.79 1.81 0.00	47.95 1.94 0.00	42.74 1.05 0.00	44.77 0.99 0.00	48.29 1.25 0.00	44.22 0.83 -1.40	42.46 0.51 -0.11	43.51 1.30 -1.15	50.33 1.21 0.00	55.20 0.90 -6.34	59.27 2.51 -0.10	50.99 2.29 -0.22	62.94 2.17 0.00	58.95 2.05 0.00	46.89 1.66 0.00	46.63 1.62 0.00	40.98 1.43 0.00
PIERCEFIELD___HYD 23852	39.20 1.25 0.00	36.59 1.19 0.00	39.67 1.42 0.00	39.42 1.66 0.00	40.33 1.65 0.00	40.10 1.43 0.00	44.24 1.35 0.00	52.67 1.70 0.00	47.44 1.43 0.00	42.75 1.05 0.00	44.96 1.18 0.00	48.35 1.31 0.00	43.65 1.65 0.00	43.39 1.56 0.00	42.59 1.53 0.00	50.99 1.88 0.00	49.58 1.62 0.00	58.11 1.45 0.00	49.01 0.53 0.00	61.96 1.18 0.00	58.04 1.15 0.00	46.35 1.12 0.00	46.19 1.18 0.00	40.62 1.07 0.00
PINELAWN_CC_1 323563	39.92 1.97 0.00	37.19 1.80 0.00	39.96 1.71 0.00	39.29 1.53 0.00	40.18 1.50 0.00	40.38 1.72 0.00	44.95 2.06 0.00	53.41 2.43 0.00	47.84 1.83 0.00	43.33 1.64 0.00	45.47 1.69 0.00	49.51 2.46 0.00	44.36 2.36 0.00	44.36 2.52 0.00	43.38 2.31 0.00	53.74 3.32 -1.31	106.01 3.61 -54.44	158.89 4.18 -98.04	172.21 3.84 -119.90	64.90 4.13 0.00	60.67 3.78 0.00	48.20 2.97 0.00	47.95 2.94 0.00	41.88 2.33 0.00
PJM_GEN_HTP_PROXY 323702	39.31 1.36 0.00	36.60 1.20 0.00	39.44 1.18 0.00	38.89 1.14 0.00	39.81 1.13 0.00	39.86 1.18 0.00	44.43 1.54 0.00	53.05 2.08 0.00	47.89 1.88 0.00	43.46 1.77 0.00	45.65 1.87 0.00	49.40 2.36 0.00	44.24 2.25 0.00	44.11 2.28 0.00	43.24 2.17 0.00	51.67 2.55 0.00	50.61 2.65 0.00	59.73 3.07 0.00	51.36 2.88 0.00	63.87 3.09 0.00	59.82 2.93 0.00	47.51 2.27 0.00	47.28 2.27 0.00	41.47 1.93 0.00
PJM_GEN_KEystone 24065	37.29 -0.67 0.00	34.76 -0.64 0.00	37.57 -0.68 0.00	37.06 -0.70 0.00	37.89 -0.79 0.00	37.88 -0.79 0.00	41.96 -0.93 0.00	49.96 -1.01 0.00	45.06 -0.95 0.00	40.78 -0.91 0.00	42.78 -1.01 0.00	46.13 -0.91 0.00	40.61 -0.87 0.51	40.92 -0.84 0.07	39.74 -0.86 0.46	48.12 -1.00 0.00	44.67 -0.96 2.32	55.50 -1.05 0.10	47.50 -0.73 0.23	59.71 -1.06 0.00	55.88 -1.01 0.00	44.57 -0.66 0.00	44.49 -0.52 0.00	39.02 -0.52 0.00
PJM_GEN_NEPTUNE_PROXY 323594	39.55 1.60 0.00	36.84 1.44 0.00	39.62 1.36 0.00	38.98 1.23 0.00	39.89 1.20 0.00	40.03 1.36 0.00	44.71 1.83 0.00	53.30 2.32 0.00	47.87 1.86 0.00	43.39 1.70 0.00	45.58 1.80 0.00	49.50 2.46 0.00	44.35 2.36 0.00	44.30 2.46 0.00	43.28 2.22 0.00	52.58 2.76 -0.70	80.07 2.96 -29.16	112.45 3.42 -52.37	115.71 3.19 -64.05	64.17 3.39 0.00	60.02 3.13 0.00	47.67 2.44 0.00	47.44 2.43 0.00	41.50 1.95 0.00
PJM_GEN_VFT_PROXY 323633	39.14 1.19 0.00	36.46 1.06 0.00	39.27 1.02 0.00	38.74 0.99 0.00	39.65 0.97 0.00	39.70 1.03 0.00	44.21 1.32 0.00	52.81 1.83 0.00	47.66 1.65 0.00	43.27 1.57 0.00	45.42 1.64 0.00	49.12 2.08 0.00	44.01 2.02 0.00	43.86 2.03 0.00	43.00 1.94 0.00	51.36 2.24 0.00	50.31 2.35 0.00	58.31 2.70 1.05	51.10 2.63 0.00	63.13 2.70 0.35	59.48 2.58 0.00	47.23 1.99 0.00	47.01 2.00 0.00	41.25 1.71 0.00
PLATSBURG_115KV_PMLD1 355749	39.50 1.55 0.00	36.96 1.56 0.00	40.47 2.22 0.00	39.71 1.96 0.00	40.62 1.94 0.00	40.48 1.81 0.00	44.74 1.85 0.00	52.94 1.97 0.00	47.49 1.48 0.00	42.84 1.15 0.00	45.47 1.68 0.00	48.65 1.61 0.00	43.85 1.85 0.00	43.74 1.90 0.00	42.92 1.86 0.00	51.02 1.90 0.00	49.31 1.36 0.00	56.71 0.05 0.00	47.65 -0.82 0.00	60.04 -0.74 0.00	56.44 -0.46 0.00	44.72 -0.51 0.00	44.59 -0.42 0.00	39.63 0.08 0.00
PLEASANTVLY___LBMP 24000	38.99 1.04 0.00	36.31 0.91 0.00	39.19 0.94 0.00	38.65 0.90 0.00	39.58 0.90 0.00	39.58 0.91 0.00	44.06 1.17 0.00	52.51 1.53 0.00	47.40 1.39 0.00	43.00 1.31 0.00	45.17 1.38 0.00	48.72 1.67 0.00	43.57 1.57 0.00	43.46 1.63 0.00	42.62 1.55 0.00	50.97 1.85 0.00	49.91 1.95 0.00	58.96 2.30 0.00	50.68 2.21 0.00	63.16 2.38 0.00	59.18 2.28 0.00	46.99 1.76 0.00	46.77 1.75 0.00	41.05 1.50 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	39.33 1.38 0.00	36.63 1.23 0.00	39.46 1.20 0.00	38.91 1.16 0.00	39.82 1.14 0.00	39.86 1.19 0.00	44.43 1.54 0.00	53.05 2.07 0.00	47.87 1.86 0.00	43.45 1.75 0.00	45.62 1.84 0.00	49.27 2.23 0.00	44.09 2.10 0.00	43.98 2.15 0.00	43.09 2.03 0.00	51.53 2.41 0.00	50.46 2.51 0.00	59.58 2.92 0.00	51.23 2.76 0.00	63.77 3.00 0.00	59.74 2.84 0.00	47.42 2.19 0.00	47.20 2.18 0.00	41.40 1.86 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	39.33 1.38 0.00	36.63 1.23 0.00	39.46 1.20 0.00	38.91 1.16 0.00	39.82 1.14 0.00	39.86 1.19 0.00	44.43 1.54 0.00	53.05 2.07 0.00	47.87 1.86 0.00	43.45 1.75 0.00	45.62 1.84 0.00	49.27 2.23 0.00	44.09 2.10 0.00	43.98 2.15 0.00	43.09 2.03 0.00	51.53 2.41 0.00	50.46 2.51 0.00	59.58 2.92 0.00	51.23 2.76 0.00	63.77 3.00 0.00	59.74 2.84 0.00	47.42 2.19 0.00	47.20 2.18 0.00	41.40 1.86 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.38 1.43 0.00	36.66 1.26 0.00	39.57 1.32 0.00	39.03 1.28 0.00	39.99 1.31 0.00	40.01 1.34 0.00	44.59 1.70 0.00	53.15 2.17 0.00	48.02 2.01 0.00	43.55 1.86 0.00	45.74 1.95 0.00	49.31 2.27 0.00	44.10 2.11 0.00	43.99 2.15 0.00	43.10 2.03 0.00	51.51 2.40 0.00	50.45 2.50 0.00	59.71 3.05 0.00	51.35 2.88 0.00	64.00 3.23 0.00	59.95 3.05 0.00	47.57 2.34 0.00	47.30 2.29 0.00	41.48 1.93 0.00
POLETTI___ 23519	39.32 1.37 0.00	36.64 1.24 0.00	39.44 1.19 0.00	38.90 1.15 0.00	39.79 1.11 0.00	39.84 1.17 0.00	44.37 1.48 0.00	52.98 2.00 0.00	47.84 1.83 0.00	43.42 1.73 0.00	45.61 1.83 0.00	49.33 2.29 0.00	44.18 2.18 0.00	44.06 2.22 0.00	43.16 2.09 0.00	51.58 2.46 0.00	50.52 2.56 0.00	59.62 2.96 0.00	51.26 2.79 0.00	63.74 2.96 0.00	59.71 2.82 0.00	47.43 2.19 0.00	47.19 2.18 0.00	41.41 1.87 0.00
POMONA___ESR 323819	39.09 1.14 0.00	36.40 1.00 0.00	39.26 1.01 0.00	38.73 0.98 0.00	39.65 0.97 0.00	39.66 0.99 0.00	44.13 1.24 0.00	52.68 1.70 0.00	47.55 1.53 0.00	43.15 1.45 0.00	45.29 1.51 0.00	48.90 1.86 0.00	43.79 1.79 0.00	43.67 1.83 0.00	42.80 1.73 0.00	51.13 2.02 0.00	50.09 2.13 0.00	59.16 2.50 0.00	50.88 2.41 0.00	63.32 2.54 0.00	59.33 2.43 0.00	47.10 1.87 0.00	46.92 1.90 0.00	41.18 1.64 0.00
PORT_JEFF_3 23555	39.98 2.03 0.00	37.26 1.86 0.00	39.99 1.74 0.00	39.27 1.52 0.00	40.11 1.43 0.00	40.35 1.68 0.00	45.20 2.31 0.00	53.69 2.71 0.00	47.81 1.81 0.00	43.13 1.44 0.00	45.28 1.50 0.00	49.39 2.35 0.00	44.28 2.28 0.00	44.27 2.43 0.00	43.19 2.12 0.00	53.26 2.84 -1.31	105.86 3.46 -54.44	158.54 3.83 -98.04	171.71 3.34 -119.90	64.38 3.60 0.00	60.41 3.52 0.00	47.99 2.75 0.00	47.73 2.72 0.00	41.67 2.12 0.00

PORT_JEFF_4 23616	39.98 2.03 0.00	37.26 1.86 0.00	39.99 1.74 0.00	39.27 1.52 0.00	40.11 1.43 0.00	40.35 1.68 0.00	45.20 2.31 0.00	53.69 2.71 0.00	47.81 1.81 0.00	43.13 1.44 0.00	45.28 1.50 0.00	49.39 2.35 0.00	44.28 2.28 0.00	44.27 2.43 0.00	43.19 2.12 0.00	53.26 2.84 -1.31	105.86 3.46 -54.44	158.54 3.83 -98.04	171.71 3.34 -119.90	64.38 3.60 0.00	60.41 3.52 0.00	47.99 2.75 0.00	47.73 2.72 0.00	41.67 2.12 0.00
PORT_JEFF_IC 23713	39.93 1.98 0.00	37.22 1.82 0.00	39.94 1.68 0.00	39.19 1.45 0.00	39.92 1.36 0.12	40.33 1.66 0.00	45.22 2.33 0.00	53.68 2.70 0.00	44.65 1.79 3.16	41.43 1.47 1.73	40.23 1.52 5.08	44.81 2.39 4.62	41.39 2.33 2.93	42.32 2.48 2.00	41.62 2.15 1.59	51.99 2.88 0.01	105.96 3.57 -54.44	158.67 3.97 -98.04	171.75 3.38 -119.90	62.15 3.59 2.22	59.83 3.55 0.61	48.05 2.81 0.00	47.78 2.77 0.00	41.69 2.15 0.00
PPL_PILGRIM_ST_GT1 24216	40.19 2.24 0.00	37.44 2.04 0.00	40.20 1.94 0.00	39.50 1.75 0.00	40.38 1.70 0.00	40.61 1.94 0.00	45.45 2.56 0.00	54.14 3.17 0.00	48.48 2.47 0.00	43.92 2.22 0.00	46.11 2.32 0.00	50.26 3.22 0.00	45.03 3.04 0.00	45.03 3.20 0.00	43.91 2.85 0.00	54.05 3.62 -1.31	106.39 3.99 -54.44	159.21 4.51 -98.04	172.43 4.06 -119.90	65.29 4.52 0.00	61.01 4.11 0.00	48.47 3.24 0.00	48.19 3.18 0.00	42.07 2.52 0.00
PPL_PILGRIM_ST_GT2 24217	40.19 2.24 0.00	37.44 2.04 0.00	40.20 1.94 0.00	39.50 1.75 0.00	40.38 1.70 0.00	40.61 1.94 0.00	45.45 2.56 0.00	54.14 3.17 0.00	48.48 2.47 0.00	43.92 2.22 0.00	46.11 2.32 0.00	50.26 3.22 0.00	45.03 3.04 0.00	45.03 3.20 0.00	43.91 2.85 0.00	54.05 3.62 -1.31	106.39 3.99 -54.44	159.21 4.51 -98.04	172.43 4.06 -119.90	65.29 4.52 0.00	61.01 4.11 0.00	48.47 3.24 0.00	48.19 3.18 0.00	42.07 2.52 0.00
PPL_SHRM_GT3 24213	39.21 1.25 0.00	36.67 1.27 0.00	39.14 0.89 0.00	38.36 0.61 0.00	37.98 0.35 1.05	39.77 1.10 0.00	44.92 2.03 0.00	52.85 1.88 0.00	18.95 0.66 27.72	27.06 0.52 15.15	-0.22 0.55 44.55	7.93 1.45 40.56	17.81 1.52 25.70	25.98 1.66 17.52	28.51 1.37 13.93	40.80 1.91 10.22	105.88 3.48 -54.44	158.35 3.65 -98.04	171.49 3.12 -119.90	43.49 2.16 19.44	54.27 2.72 5.34	47.77 2.53 0.00	47.58 2.57 0.00	41.51 1.97 0.00
PPL_SHRM_GT4 24214	39.21 1.25 0.00	36.67 1.27 0.00	39.14 0.89 0.00	38.36 0.61 0.00	37.98 0.35 1.05	39.77 1.10 0.00	44.92 2.03 0.00	52.85 1.88 0.00	18.95 0.66 27.72	27.06 0.52 15.15	-0.22 0.55 44.55	7.93 1.45 40.56	17.81 1.52 25.70	25.98 1.66 17.52	28.51 1.37 13.93	40.80 1.91 10.22	105.88 3.48 -54.44	158.35 3.65 -98.04	171.49 3.12 -119.90	43.49 2.16 19.44	54.27 2.72 5.34	47.77 2.53 0.00	47.58 2.57 0.00	41.51 1.97 0.00
PROJECT___ORANGE 1 24174	37.07 -0.88 0.00	34.57 -0.82 0.00	37.32 -0.94 0.00	36.80 -0.95 0.00	37.72 -0.96 0.00	37.75 -0.92 0.00	41.92 -0.97 0.00	49.86 -1.12 0.00	45.03 -0.98 0.00	40.78 -0.91 0.00	42.79 -0.99 0.00	45.96 -1.08 0.00	40.97 -1.03 0.00	40.79 -1.05 0.00	40.07 -0.99 0.00	47.96 -1.16 0.00	46.86 -1.10 0.00	55.46 -1.19 0.00	47.52 -0.96 0.00	59.53 -1.24 0.00	55.63 -1.27 0.00	44.24 -0.99 0.00	43.99 -1.02 0.00	38.59 -0.96 0.00
PROJECT___ORANGE 2 24166	37.07 -0.88 0.00	34.57 -0.82 0.00	37.32 -0.94 0.00	36.80 -0.95 0.00	37.72 -0.96 0.00	37.75 -0.92 0.00	41.92 -0.97 0.00	49.86 -1.12 0.00	45.03 -0.98 0.00	40.78 -0.91 0.00	42.79 -0.99 0.00	45.96 -1.08 0.00	40.97 -1.03 0.00	40.79 -1.05 0.00	40.07 -0.99 0.00	47.96 -1.16 0.00	46.86 -1.10 0.00	55.46 -1.19 0.00	47.52 -0.96 0.00	59.53 -1.24 0.00	55.63 -1.27 0.00	44.24 -0.99 0.00	43.99 -1.02 0.00	38.59 -0.96 0.00
PUCKETT___SOLAR 323809	38.03 0.08 0.00	35.38 -0.02 0.00	38.21 -0.05 0.00	37.46 -0.29 0.00	38.26 -0.42 0.00	38.21 -0.46 0.00	42.49 -0.40 0.00	50.65 -0.33 0.00	45.80 -0.21 0.00	41.33 -0.36 0.00	43.35 -0.43 0.00	46.63 -0.42 0.00	41.14 -0.85 0.00	40.78 -1.05 0.00	40.33 -0.73 0.00	48.45 -0.66 0.00	47.37 -0.59 0.00	56.29 -0.36 0.00	48.31 -0.17 0.00	60.45 -0.32 0.00	56.53 -0.37 0.00	45.06 -0.17 0.00	44.89 -0.12 0.00	39.35 -0.20 0.00
PYRITES___HYD 24023	39.88 1.93 0.00	37.20 1.81 0.00	40.33 2.08 0.00	40.12 2.37 0.00	41.09 2.41 0.00	41.01 2.34 0.00	45.38 2.49 0.00	54.00 3.02 0.00	48.66 2.65 0.00	43.92 2.22 0.00	46.16 2.37 0.00	49.53 2.49 0.00	44.64 2.65 0.00	44.43 2.60 0.00	43.61 2.55 0.00	52.17 3.05 0.00	50.78 2.82 0.00	59.65 2.99 0.00	50.34 1.87 0.00	63.69 2.91 0.00	59.63 2.74 0.00	47.51 2.28 0.00	47.25 2.24 0.00	41.55 2.00 0.00
QUAKERRD_115KV_BK1 80622	35.59 -2.36 0.00	33.24 -2.16 0.00	35.90 -2.35 0.00	35.40 -2.35 0.00	36.28 -2.39 0.00	36.30 -2.37 0.00	40.23 -2.65 0.00	47.71 -3.27 0.00	43.17 -2.84 0.00	39.14 -2.55 0.00	41.01 -2.77 0.00	43.94 -3.10 0.00	38.58 -2.94 0.48	38.84 -2.97 0.03	37.80 -2.90 0.36	45.70 -3.42 0.00	42.31 -3.46 2.19	52.74 -3.91 0.00	45.09 -3.39 0.00	56.77 -4.01 0.00	52.92 -3.98 0.00	42.20 -3.03 0.00	42.01 -3.00 0.00	36.90 -2.64 0.00
QUEENSBRY_115KV_TB8 356137	40.22 2.27 0.00	37.50 2.10 0.00	40.71 2.46 0.00	40.18 2.43 0.00	41.18 2.50 0.00	41.14 2.47 0.00	45.98 3.09 0.00	54.54 3.56 0.00	49.24 3.24 0.00	44.69 2.99 0.00	46.86 3.07 0.00	50.20 3.16 0.00	44.80 2.81 0.00	44.95 3.11 0.00	44.05 2.99 0.00	52.80 3.69 0.00	51.64 3.68 0.00	61.30 4.64 0.00	52.48 4.01 0.00	65.61 4.83 0.00	61.38 4.48 0.00	48.80 3.57 0.00	49.23 4.22 0.00	43.45 3.90 0.00
RAMAPO___LBMP 323565	38.98 1.03 0.00	36.29 0.89 0.00	39.15 0.90 0.00	38.62 0.88 0.00	39.56 0.88 0.00	39.56 0.90 0.00	44.03 1.14 0.00	52.55 1.57 0.00	47.42 1.41 0.00	43.03 1.34 0.00	45.16 1.38 0.00	48.73 1.69 0.00	43.65 1.65 0.00	43.53 1.70 0.00	42.64 1.57 0.00	50.97 1.85 0.00	49.92 1.97 0.00	58.96 2.30 0.00	50.72 2.25 0.00	63.11 2.33 0.00	59.15 2.25 0.00	46.95 1.72 0.00	46.77 1.76 0.00	41.04 1.50 0.00
RANKINE____ 23646	35.86 -2.10 0.00	33.52 -1.88 0.00	36.21 -2.05 0.00	35.65 -2.10 0.00	36.43 -2.25 0.00	36.34 -2.33 0.00	40.05 -2.84 0.00	47.28 -3.70 0.00	42.87 -3.14 0.00	38.84 -2.85 0.00	40.53 -3.25 0.00	43.39 -3.65 0.00	37.46 -3.58 0.95	37.89 -3.67 0.27	36.41 -3.57 1.08	44.91 -4.20 0.00	39.33 -4.32 4.31	51.17 -4.93 0.56	42.81 -4.32 1.34	55.90 -4.87 0.00	52.06 -4.83 0.00	41.87 -3.37 0.00	41.94 -3.07 0.00	36.83 -2.71 0.00
RAVENSWOOD_GT2_1 24244	39.37 1.42 0.00	36.67 1.28 0.00	39.50 1.25 0.00	38.96 1.20 0.00	39.88 1.20 0.00	39.93 1.26 0.00	44.48 1.59 0.00	53.13 2.15 0.00	47.97 1.96 0.00	43.53 1.84 0.00	45.73 1.94 0.00	49.43 2.39 0.00	44.26 2.27 0.00	44.14 2.31 0.00	43.24 2.18 0.00	51.70 2.58 0.00	50.61 2.66 0.00	59.74 3.08 0.00	51.36 2.89 0.00	63.88 3.10 0.00	59.85 2.96 0.00	47.54 2.31 0.00	47.30 2.28 0.00	41.49 1.95 0.00

RAVENSWOOD_GT2_2 24245	39.37 1.42 0.00	36.67 1.28 0.00	39.50 1.25 0.00	38.96 1.20 0.00	39.88 1.20 0.00	39.93 1.26 0.00	44.48 1.59 0.00	53.13 2.15 0.00	47.97 1.96 0.00	43.53 1.84 0.00	45.73 1.94 0.00	49.43 2.39 0.00	44.26 2.27 0.00	44.14 2.31 0.00	43.24 2.18 0.00	51.70 2.58 0.00	50.61 2.66 0.00	59.74 3.08 0.00	51.36 2.89 0.00	63.88 3.10 0.00	59.85 2.96 0.00	47.54 2.31 0.00	47.30 2.28 0.00	41.49 1.95 0.00
RAVENSWOOD_GT2_3 24246	39.38 1.43 0.00	36.67 1.28 0.00	39.52 1.27 0.00	38.97 1.22 0.00	39.89 1.20 0.00	39.94 1.27 0.00	44.51 1.61 0.00	53.15 2.17 0.00	47.99 1.98 0.00	43.55 1.86 0.00	45.75 1.96 0.00	49.46 2.42 0.00	44.28 2.29 0.00	44.17 2.33 0.00	43.27 2.20 0.00	51.72 2.60 0.00	50.65 2.69 0.00	59.76 3.09 0.00	51.40 2.92 0.00	63.92 3.14 0.00	59.88 2.98 0.00	47.55 2.32 0.00	47.32 2.31 0.00	41.51 1.97 0.00
RAVENSWOOD_GT2_4 24247	39.38 1.43 0.00	36.67 1.28 0.00	39.52 1.27 0.00	38.97 1.22 0.00	39.89 1.20 0.00	39.94 1.27 0.00	44.51 1.61 0.00	53.15 2.17 0.00	47.99 1.98 0.00	43.55 1.86 0.00	45.75 1.96 0.00	49.46 2.42 0.00	44.28 2.29 0.00	44.17 2.33 0.00	43.27 2.20 0.00	51.72 2.60 0.00	50.65 2.69 0.00	59.76 3.09 0.00	51.40 2.92 0.00	63.92 3.14 0.00	59.88 2.98 0.00	47.55 2.32 0.00	47.32 2.31 0.00	41.51 1.97 0.00
RAVENSWOOD_GT3_1 24248	39.37 1.42 0.00	36.67 1.28 0.00	39.50 1.25 0.00	38.96 1.20 0.00	39.87 1.19 0.00	39.93 1.26 0.00	44.48 1.59 0.00	53.13 2.15 0.00	47.97 1.95 0.00	43.53 1.84 0.00	45.72 1.94 0.00	49.43 2.38 0.00	44.26 2.27 0.00	44.14 2.31 0.00	43.23 2.17 0.00	51.69 2.58 0.00	50.61 2.66 0.00	59.74 3.08 0.00	51.36 2.89 0.00	63.88 3.10 0.00	59.85 2.96 0.00	47.54 2.31 0.00	47.30 2.28 0.00	41.49 1.95 0.00
RAVENSWOOD_GT3_2 24249	39.37 1.42 0.00	36.67 1.28 0.00	39.50 1.25 0.00	38.96 1.20 0.00	39.87 1.19 0.00	39.93 1.26 0.00	44.48 1.59 0.00	53.13 2.15 0.00	47.97 1.95 0.00	43.53 1.84 0.00	45.72 1.94 0.00	49.43 2.38 0.00	44.26 2.27 0.00	44.14 2.31 0.00	43.23 2.17 0.00	51.69 2.58 0.00	50.61 2.66 0.00	59.74 3.08 0.00	51.36 2.89 0.00	63.88 3.10 0.00	59.85 2.96 0.00	47.54 2.31 0.00	47.30 2.28 0.00	41.49 1.95 0.00
RAVENSWOOD_GT3_3 24250	39.42 1.47 0.00	36.71 1.31 0.00	39.56 1.31 0.00	39.01 1.26 0.00	39.92 1.25 0.00	39.98 1.31 0.00	44.55 1.66 0.00	53.21 2.23 0.00	48.04 2.03 0.00	43.61 1.91 0.00	45.80 2.02 0.00	49.52 2.47 0.00	44.33 2.33 0.00	44.21 2.38 0.00	43.31 2.25 0.00	51.77 2.66 0.00	50.71 2.75 0.00	59.84 3.18 0.00	51.45 2.97 0.00	63.99 3.21 0.00	59.95 3.05 0.00	47.61 2.37 0.00	47.37 2.36 0.00	41.55 2.00 0.00
RAVENSWOOD_GT3_4 24251	39.42 1.47 0.00	36.71 1.31 0.00	39.56 1.31 0.00	39.01 1.26 0.00	39.92 1.25 0.00	39.98 1.31 0.00	44.55 1.66 0.00	53.21 2.23 0.00	48.04 2.03 0.00	43.61 1.91 0.00	45.80 2.02 0.00	49.52 2.47 0.00	44.33 2.33 0.00	44.21 2.38 0.00	43.31 2.25 0.00	51.77 2.66 0.00	50.71 2.75 0.00	59.84 3.18 0.00	51.45 2.97 0.00	63.99 3.21 0.00	59.95 3.05 0.00	47.61 2.37 0.00	47.37 2.36 0.00	41.55 2.00 0.00
RAVENSWOOD_GT_1 23729	45.73 1.57 -6.22	41.00 1.41 -4.18	43.33 1.39 -3.69	39.10 1.35 0.00	40.04 1.35 0.00	41.28 1.42 -1.19	54.07 1.73 -9.45	64.86 2.34 -11.54	55.05 2.16 -6.88	57.64 2.02 -13.93	59.92 2.13 -14.01	62.89 2.60 -13.25	58.76 2.45 -14.31	58.66 2.48 -14.34	57.93 2.34 -14.53	45.41 2.75 6.46	40.75 2.81 10.02	49.08 3.20 10.78	49.33 2.99 2.13	60.65 3.25 3.37	64.74 3.10 -4.74	61.39 2.47 -13.69	61.19 2.43 -13.74	47.66 2.09 -6.03
RAVENSWOOD_GT_10 24258	40.08 1.41 -0.72	37.15 1.27 -0.48	39.93 1.25 -0.42	38.95 1.20 0.00	39.87 1.19 0.00	40.06 1.26 -0.14	45.57 1.59 -1.09	54.45 2.14 -1.33	48.75 1.95 -0.79	45.14 1.84 -1.61	47.33 1.93 -1.62	50.96 2.38 -1.53	45.91 2.27 -1.65	45.79 2.30 -1.65	44.91 2.17 -1.68	50.94 2.56 0.75	49.46 2.66 1.16	58.49 3.08 1.25	51.11 2.89 0.25	63.48 3.09 0.39	60.39 2.95 -0.55	49.11 2.30 -1.58	48.88 2.28 -1.59	42.19 1.95 -0.69
RAVENSWOOD_GT_11 24259	40.08 1.41 -0.72	37.15 1.27 -0.48	39.93 1.25 -0.42	38.95 1.20 0.00	39.87 1.19 0.00	40.06 1.26 -0.14	45.57 1.59 -1.09	54.45 2.14 -1.33	48.75 1.95 -0.79	45.14 1.84 -1.61	47.33 1.93 -1.62	50.96 2.38 -1.53	45.91 2.27 -1.65	45.79 2.30 -1.65	44.91 2.17 -1.68	50.94 2.56 0.75	49.46 2.66 1.16	58.49 3.08 1.25	51.11 2.89 0.25	63.48 3.09 0.39	60.39 2.95 -0.55	49.11 2.30 -1.58	48.88 2.28 -1.59	42.19 1.95 -0.69
RAVENSWOOD_GT_4 24252	44.08 1.40 -4.73	39.82 1.24 -3.18	42.29 1.23 -2.81	38.94 1.18 0.00	39.85 1.17 0.00	40.80 1.23 -0.91	51.66 1.57 -7.20	61.89 2.12 -8.78	53.17 1.92 -5.24	54.11 1.81 -10.61	56.35 1.90 -10.66	59.49 2.36 -10.09	55.13 2.24 -10.90	55.04 2.28 -10.92	54.28 2.15 -11.06	46.75 2.55 4.92	42.97 2.65 7.63	51.50 3.05 8.21	49.73 2.88 1.62	61.30 3.09 2.56	63.44 2.93 -3.61	57.94 2.28 -10.42	57.74 2.27 -10.46	46.07 1.93 -4.59
RAVENSWOOD_GT_5 24254	44.08 1.40 -4.73	39.82 1.24 -3.18	42.29 1.23 -2.81	38.94 1.18 0.00	39.85 1.17 0.00	40.80 1.23 -0.91	51.66 1.57 -7.20	61.89 2.12 -8.78	53.17 1.92 -5.24	54.11 1.81 -10.61	56.35 1.90 -10.66	59.49 2.36 -10.09	55.13 2.24 -10.90	55.04 2.28 -10.92	54.28 2.15 -11.06	46.75 2.55 4.92	42.97 2.65 7.63	51.50 3.05 8.21	49.73 2.88 1.62	61.30 3.09 2.56	63.44 2.93 -3.61	57.94 2.28 -10.42	57.74 2.27 -10.46	46.07 1.93 -4.59
RAVENSWOOD_GT_6 24253	44.08 1.40 -4.73	39.82 1.24 -3.18	42.29 1.23 -2.81	38.94 1.18 0.00	39.85 1.17 0.00	40.80 1.23 -0.91	51.66 1.57 -7.20	61.89 2.12 -8.78	53.17 1.92 -5.24	54.11 1.81 -10.61	56.35 1.90 -10.66	59.49 2.36 -10.09	55.13 2.24 -10.90	55.04 2.28 -10.92	54.28 2.15 -11.06	46.75 2.55 4.92	42.97 2.65 7.63	51.50 3.05 8.21	49.73 2.88 1.62	61.30 3.09 2.56	63.44 2.93 -3.61	57.94 2.28 -10.42	57.74 2.27 -10.46	46.07 1.93 -4.59
RAVENSWOOD_GT_7 24255	44.08 1.40 -4.73	39.82 1.24 -3.18	42.29 1.23 -2.81	38.94 1.18 0.00	39.85 1.17 0.00	40.80 1.23 -0.91	51.66 1.57 -7.20	61.89 2.12 -8.78	53.17 1.92 -5.24	54.11 1.81 -10.61	56.35 1.90 -10.66	59.49 2.36 -10.09	55.13 2.24 -10.90	55.04 2.28 -10.92	54.28 2.15 -11.06	46.75 2.55 4.92	42.97 2.65 7.63	51.50 3.05 8.21	49.73 2.88 1.62	61.30 3.09 2.56	63.44 2.93 -3.61	57.94 2.28 -10.42	57.74 2.27 -10.46	46.07 1.93 -4.59
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.08 1.41 -0.72	37.15 1.27 -0.48	39.93 1.25 -0.42	38.95 1.20 0.00	39.87 1.19 0.00	40.06 1.26 -0.14	45.57 1.59 -1.09	54.45 2.14 -1.33	48.75 1.95 -0.79	45.14 1.84 -1.61	47.33 1.93 -1.62	50.96 2.38 -1.53	45.91 2.27 -1.65	45.79 2.30 -1.65	44.91 2.17 -1.68	50.94 2.56 0.75	49.46 2.66 1.16	58.49 3.08 1.25	51.11 2.89 0.25	63.48 3.09 0.39	60.39 2.95 -0.55	49.11 2.30 -1.58	48.88 2.28 -1.59	42.19 1.95 -0.69

RAVENSWOOD_GT_9 24257	40.08 1.41 -0.72	37.15 1.27 -0.48	39.93 1.25 -0.42	38.95 1.20 0.00	39.87 1.19 0.00	40.06 1.26 -0.14	45.57 1.59 -1.09	54.45 2.14 -1.33	48.75 1.95 -0.79	45.14 1.84 -1.61	47.33 1.93 -1.62	50.96 2.38 -1.53	45.91 2.27 -1.65	45.79 2.30 -1.65	44.91 2.17 -1.68	50.94 2.56 0.75	49.46 2.66 1.16	58.49 3.08 1.25	51.11 2.89 0.25	63.48 3.09 0.39	60.39 2.95 -0.55	49.11 2.30 -1.58	48.88 2.28 -1.59	42.19 1.95 -0.69
RAVENSWOOD___1 23533	33.35 1.52 6.12	32.66 1.37 4.11	35.97 1.34 3.63	39.06 1.30 0.00	40.00 1.31 0.00	38.88 1.38 1.17	35.27 1.69 9.31	41.91 2.30 11.36	41.35 2.12 6.78	29.97 1.99 13.72	32.08 2.09 13.79	36.57 2.57 13.04	30.31 2.42 14.09	30.16 2.44 14.12	29.09 2.33 14.31	58.18 2.70 -6.36	60.61 2.79 -9.86	70.44 3.17 -10.61	53.54 2.97 -2.10	67.32 3.23 -3.32	55.28 3.05 4.67	34.17 2.42 13.48	33.87 2.39 13.53	35.66 2.05 5.93
RAVENSWOOD___2 23534	33.35 1.52 6.12	32.66 1.37 4.11	35.97 1.34 3.63	39.06 1.30 0.00	40.00 1.31 0.00	38.88 1.38 1.17	35.27 1.69 9.31	41.91 2.30 11.36	41.35 2.12 6.78	29.97 1.99 13.72	32.08 2.09 13.79	36.57 2.57 13.04	30.31 2.42 14.09	30.16 2.44 14.12	29.09 2.33 14.31	58.18 2.70 -6.36	60.61 2.79 -9.86	70.44 3.17 -10.61	53.54 2.97 -2.10	67.32 3.23 -3.32	55.28 3.05 4.67	34.17 2.42 13.48	33.87 2.39 13.53	35.66 2.05 5.93
RAVENSWOOD___3 23535	39.37 1.41 0.00	36.67 1.28 0.00	39.50 1.24 0.00	38.96 1.20 0.00	39.88 1.20 0.00	39.93 1.26 0.00	44.48 1.59 0.00	53.13 2.15 0.00	47.97 1.96 0.00	43.53 1.84 0.00	45.72 1.94 0.00	49.43 2.39 0.00	44.27 2.28 0.00	44.14 2.30 0.00	43.26 2.20 0.00	51.70 2.58 0.00	50.61 2.66 0.00	59.73 3.08 0.00	51.36 2.89 0.00	63.88 3.11 0.00	59.85 2.96 0.00	47.54 2.30 0.00	47.30 2.29 0.00	41.49 1.95 0.00
RAVENSWOOD___4 23820	33.35 1.52 6.12	32.66 1.37 4.11	35.97 1.34 3.63	39.06 1.30 0.00	40.00 1.31 0.00	38.88 1.38 1.17	35.27 1.69 9.31	41.91 2.30 11.36	41.35 2.12 6.78	29.97 1.99 13.72	32.08 2.09 13.79	36.57 2.57 13.04	30.31 2.42 14.09	30.16 2.44 14.12	29.09 2.33 14.31	58.18 2.70 -6.36	60.61 2.79 -9.86	70.44 3.17 -10.61	53.54 2.97 -2.10	67.32 3.23 -3.32	55.28 3.05 4.67	34.17 2.42 13.48	33.87 2.39 13.53	35.66 2.05 5.93
RCPL_TRUST___DRP 24196	39.33 1.38 0.00	36.63 1.23 0.00	39.46 1.21 0.00	38.91 1.16 0.00	39.83 1.15 0.00	39.88 1.21 0.00	44.46 1.57 0.00	53.10 2.12 0.00	47.93 1.92 0.00	43.50 1.81 0.00	45.69 1.90 0.00	49.45 2.40 0.00	44.28 2.28 0.00	44.15 2.32 0.00	43.26 2.20 0.00	51.72 2.60 0.00	50.65 2.69 0.00	59.78 3.12 0.00	51.40 2.93 0.00	63.91 3.14 0.00	59.87 2.98 0.00	47.54 2.31 0.00	47.31 2.30 0.00	41.49 1.95 0.00
RED___ROCHESTER 323720	36.32 -1.64 0.00	33.93 -1.47 0.00	36.63 -1.62 0.00	36.10 -1.65 0.00	37.01 -1.67 0.00	37.02 -1.65 0.00	41.01 -1.88 0.00	48.64 -2.34 0.00	44.04 -1.97 0.00	39.94 -1.75 0.00	41.84 -1.94 0.00	44.80 -2.24 0.00	39.26 -2.20 0.54	39.57 -2.23 0.03	38.44 -2.21 0.41	46.54 -2.58 0.00	42.84 -2.67 2.45	53.72 -2.94 0.00	45.91 -2.56 0.00	57.89 -2.88 0.00	53.92 -2.98 0.00	43.03 -2.20 0.00	42.85 -2.17 0.00	37.61 -1.93 0.00
REGAN___SOLAR 323812	40.22 2.27 0.00	37.46 2.06 0.00	40.40 2.15 0.00	39.86 2.11 0.00	40.90 2.22 0.00	40.97 2.30 0.00	45.67 2.78 0.00	54.50 3.53 0.00	49.09 3.08 0.00	44.41 2.72 0.00	46.29 2.51 0.00	49.77 2.72 0.00	44.25 2.25 0.00	44.03 2.19 0.00	43.10 2.03 0.00	51.81 2.69 0.00	50.71 2.76 0.00	60.50 3.84 0.00	51.91 3.44 0.00	65.02 4.25 0.00	60.72 3.83 0.00	48.18 2.94 0.00	47.82 2.81 0.00	41.89 2.35 0.00
RENSSELAER___COGEN 23796	38.56 0.61 0.00	35.98 0.58 0.00	38.86 0.60 0.00	38.35 0.60 0.00	39.27 0.58 0.00	39.17 0.50 0.00	43.20 0.31 0.00	51.28 0.31 0.00	46.35 0.34 0.00	42.09 0.39 0.00	44.16 0.37 0.00	47.42 0.38 0.00	42.36 0.36 0.00	42.28 0.45 0.00	41.46 0.40 0.00	49.60 0.48 0.00	48.66 0.70 0.00	57.54 0.89 0.00	49.38 0.90 0.00	61.63 0.85 0.00	57.74 0.85 0.00	45.88 0.65 0.00	45.67 0.66 0.00	40.18 0.63 0.00
REPUBLIC_115KV_BARTNBRK 55605	41.67 3.72 0.00	38.85 3.45 0.00	42.42 4.16 0.00	41.87 4.12 0.00	42.84 4.16 0.00	42.64 3.97 0.00	48.05 5.16 0.00	56.84 5.86 0.00	50.85 4.84 0.00	46.14 4.45 0.00	48.63 4.84 0.00	51.78 4.73 0.00	46.21 4.22 0.00	46.59 4.75 0.00	45.74 4.67 0.00	54.74 5.62 0.00	53.44 5.48 0.00	63.81 7.16 0.00	55.05 6.58 0.00	69.05 8.28 0.00	64.60 7.71 0.00	51.16 5.93 0.00	51.01 6.00 0.00	45.16 5.62 0.00
REVERE_CPFR_DRP 24186	39.31 1.36 0.00	36.61 1.21 0.00	39.47 1.22 0.00	38.95 1.20 0.00	40.02 1.34 0.00	40.05 1.38 0.00	44.54 1.65 0.00	53.18 2.20 0.00	47.91 1.89 0.00	43.23 1.54 0.00	45.50 1.72 0.00	48.88 1.84 0.00	43.49 1.50 0.00	43.24 1.41 0.00	42.44 1.37 0.00	50.92 1.80 0.00	49.83 1.88 0.00	58.89 2.23 0.00	50.34 1.87 0.00	63.08 2.30 0.00	58.87 1.98 0.00	46.72 1.49 0.00	46.36 1.34 0.00	40.59 1.05 0.00
REYNOLDS_115KV_TB3 80639	38.91 0.96 0.00	36.29 0.89 0.00	39.26 1.00 0.00	38.72 0.97 0.00	39.66 0.98 0.00	39.56 0.89 0.00	43.74 0.85 0.00	51.90 0.92 0.00	46.90 0.90 0.00	42.58 0.89 0.00	44.73 0.94 0.00	48.01 0.97 0.00	42.91 0.92 0.00	42.86 1.03 0.00	42.07 1.00 0.00	50.32 1.20 0.00	49.25 1.29 0.00	58.25 1.59 0.00	49.99 1.52 0.00	62.33 1.56 0.00	58.48 1.59 0.00	46.46 1.22 0.00	46.27 1.26 0.00	40.71 1.17 0.00
RIVERBAY____ 323610	39.46 1.51 0.00	36.79 1.38 -0.01	39.64 1.39 0.00	39.21 1.46 0.00	40.15 1.47 0.00	40.23 1.57 0.00	44.72 1.83 0.00	53.42 2.44 0.00	48.23 2.22 0.00	43.73 2.04 0.00	45.91 2.12 0.00	49.54 2.50 0.00	44.37 2.38 0.00	44.26 2.42 0.00	43.35 2.29 0.00	51.85 2.73 0.00	50.75 2.80 0.00	59.72 3.06 0.00	51.41 2.94 0.00	64.00 3.23 0.00	60.02 3.13 0.00	47.68 2.45 0.00	47.38 2.37 0.00	41.57 2.02 0.00
RIVERSIDE_115KV_TB3 55908	38.79 0.84 0.00	36.18 0.78 0.00	39.10 0.85 0.00	38.58 0.83 0.00	39.50 0.82 0.00	39.42 0.75 0.00	43.52 0.63 0.00	51.65 0.67 0.00	46.70 0.69 0.00	42.40 0.70 0.00	44.51 0.72 0.00	47.80 0.76 0.00	42.71 0.71 0.00	42.64 0.81 0.00	41.84 0.78 0.00	50.05 0.93 0.00	49.03 1.07 0.00	57.99 1.33 0.00	49.76 1.28 0.00	62.06 1.29 0.00	58.19 1.30 0.00	46.24 1.01 0.00	46.04 1.02 0.00	40.49 0.95 0.00
ROARING___BROOK_WT_PWR 323790	38.08 0.13 0.00	35.52 0.12 0.00	38.34 0.09 0.00	37.84 0.08 0.00	38.81 0.13 0.00	38.85 0.18 0.00	42.92 0.03 0.00	50.81 -0.17 0.00	45.59 -0.42 0.00	41.16 -0.54 0.00	43.27 -0.51 0.00	46.45 -0.59 0.00	41.47 -0.52 0.00	41.24 -0.60 0.00	40.42 -0.65 0.00	48.29 -0.83 0.00	47.08 -0.87 0.00	55.57 -1.09 0.00	47.36 -1.11 0.00	59.72 -1.06 0.00	55.90 -0.99 0.00	44.37 -0.86 0.00	44.12 -0.89 0.00	38.78 -0.77 0.00

ROCHESRG_115KV_T4 355643	35.94 -2.01 0.00	33.58 -1.82 0.00	36.26 -2.00 0.00	35.75 -2.00 0.00	36.64 -2.04 0.00	36.63 -2.04 0.00	40.54 -2.35 0.00	48.03 -2.94 0.00	43.50 -2.51 0.00	39.44 -2.25 0.00	41.31 -2.47 0.00	44.24 -2.80 0.00	38.79 -2.68 0.53	39.07 -2.74 0.03	37.97 -2.69 0.40	45.95 -3.17 0.00	42.29 -3.26 2.41	53.00 -3.66 0.00	45.28 -3.19 0.00	57.09 -3.68 0.00	53.21 -3.69 0.00	42.49 -2.75 0.00	42.35 -2.66 0.00	37.20 -2.34 0.00
ROCHESTER_9_IC 23652	36.14 -1.81 0.00	33.76 -1.64 0.00	36.45 -1.80 0.00	35.93 -1.82 0.00	36.84 -1.84 0.00	36.84 -1.83 0.00	40.79 -2.10 0.00	48.35 -2.63 0.00	43.79 -2.22 0.00	39.69 -2.00 0.00	41.59 -2.19 0.00	44.53 -2.51 0.00	39.03 -2.42 0.54	39.32 -2.48 0.03	38.22 -2.43 0.41	46.25 -2.87 0.00	42.56 -2.95 2.45	53.38 -3.28 0.00	45.60 -2.88 0.00	57.49 -3.28 0.00	53.57 -3.33 0.00	42.76 -2.47 0.00	42.59 -2.42 0.00	37.42 -2.13 0.00
ROCKVIEW_13_KV_LD 356306	39.43 1.48 0.00	36.70 1.30 0.00	39.50 1.25 0.00	38.95 1.20 0.00	39.88 1.20 0.00	39.93 1.26 0.00	44.54 1.65 0.00	53.19 2.21 0.00	48.01 2.00 0.00	43.56 1.87 0.00	45.75 1.97 0.00	49.43 2.38 0.00	44.24 2.24 0.00	44.12 2.29 0.00	43.22 2.16 0.00	51.70 2.58 0.00	50.62 2.67 0.00	59.77 3.10 0.00	51.40 2.93 0.00	63.96 3.19 0.00	59.91 3.02 0.00	47.58 2.34 0.00	47.33 2.32 0.00	41.52 1.98 0.00
ROME____115KV_TB2 80656	39.31 1.36 0.00	36.61 1.21 0.00	39.47 1.22 0.00	38.95 1.20 0.00	40.02 1.34 0.00	40.05 1.38 0.00	44.54 1.65 0.00	53.18 2.20 0.00	47.91 1.89 0.00	43.23 1.54 0.00	45.50 1.72 0.00	48.88 1.84 0.00	43.49 1.50 0.00	43.24 1.41 0.00	42.44 1.37 0.00	50.92 1.80 0.00	49.83 1.88 0.00	58.89 2.23 0.00	50.34 1.87 0.00	63.08 2.30 0.00	58.87 1.98 0.00	46.72 1.49 0.00	46.36 1.34 0.00	40.59 1.05 0.00
ROSETON___1 23587	38.95 1.00 0.00	36.27 0.87 0.00	39.15 0.89 0.00	38.61 0.86 0.00	39.54 0.87 0.00	39.54 0.88 0.00	44.01 1.12 0.00	52.47 1.49 0.00	47.35 1.34 0.00	42.96 1.27 0.00	45.11 1.32 0.00	48.66 1.61 0.00	43.52 1.53 0.00	43.41 1.58 0.00	42.56 1.50 0.00	50.88 1.77 0.00	49.83 1.87 0.00	58.88 2.22 0.00	50.61 2.14 0.00	63.06 2.28 0.00	59.08 2.18 0.00	46.91 1.68 0.00	46.69 1.68 0.00	40.98 1.44 0.00
ROSETON___2 23588	38.95 1.00 0.00	36.27 0.87 0.00	39.15 0.89 0.00	38.61 0.86 0.00	39.54 0.87 0.00	39.54 0.88 0.00	44.01 1.12 0.00	52.47 1.49 0.00	47.35 1.34 0.00	42.96 1.27 0.00	45.11 1.32 0.00	48.66 1.61 0.00	43.52 1.53 0.00	43.41 1.58 0.00	42.56 1.50 0.00	50.88 1.77 0.00	49.83 1.87 0.00	58.88 2.22 0.00	50.61 2.14 0.00	63.06 2.28 0.00	59.08 2.18 0.00	46.91 1.68 0.00	46.69 1.68 0.00	40.98 1.44 0.00
ROTRRDAM_115KV_TB3 80664	38.76 0.81 0.00	36.13 0.73 0.00	39.05 0.80 0.00	38.52 0.77 0.00	39.48 0.80 0.00	39.46 0.79 0.00	43.83 0.94 0.00	52.11 1.13 0.00	47.04 1.03 0.00	42.65 0.95 0.00	44.75 0.97 0.00	48.11 1.07 0.00	42.94 0.95 0.00	42.80 0.96 0.00	41.99 0.93 0.00	50.28 1.16 0.00	49.19 1.23 0.00	58.20 1.54 0.00	49.90 1.43 0.00	62.39 1.62 0.00	58.44 1.54 0.00	46.41 1.18 0.00	46.22 1.21 0.00	40.61 1.06 0.00
RUSSELL___1 23602	36.32 -1.63 0.00	33.93 -1.47 0.00	36.63 -1.63 0.00	36.10 -1.65 0.00	37.02 -1.66 0.00	37.02 -1.65 0.00	41.01 -1.88 0.00	48.64 -2.34 0.00	44.05 -1.96 0.00	39.94 -1.75 0.00	41.84 -1.94 0.00	44.80 -2.24 0.00	39.27 -2.19 0.54	39.57 -2.24 0.03	38.45 -2.20 0.41	46.54 -2.58 0.00	42.84 -2.67 2.45	53.72 -2.94 0.00	45.91 -2.56 0.00	57.90 -2.88 0.00	53.92 -2.98 0.00	43.03 -2.20 0.00	42.85 -2.17 0.00	37.61 -1.93 0.00
RUSSELL___2 23532	36.32 -1.63 0.00	33.93 -1.47 0.00	36.63 -1.63 0.00	36.10 -1.65 0.00	37.02 -1.66 0.00	37.02 -1.65 0.00	41.01 -1.88 0.00	48.64 -2.34 0.00	44.05 -1.96 0.00	39.94 -1.75 0.00	41.84 -1.94 0.00	44.80 -2.24 0.00	39.27 -2.19 0.54	39.57 -2.24 0.03	38.45 -2.20 0.41	46.54 -2.58 0.00	42.84 -2.67 2.45	53.72 -2.94 0.00	45.91 -2.56 0.00	57.90 -2.88 0.00	53.92 -2.98 0.00	43.03 -2.20 0.00	42.85 -2.17 0.00	37.61 -1.93 0.00
RUSSELL___3 23549	36.32 -1.63 0.00	33.93 -1.47 0.00	36.63 -1.63 0.00	36.10 -1.65 0.00	37.02 -1.66 0.00	37.02 -1.65 0.00	41.01 -1.88 0.00	48.64 -2.34 0.00	44.05 -1.96 0.00	39.94 -1.75 0.00	41.84 -1.94 0.00	44.80 -2.24 0.00	39.27 -2.19 0.54	39.57 -2.24 0.03	38.45 -2.20 0.41	46.54 -2.58 0.00	42.84 -2.67 2.45	53.72 -2.94 0.00	45.91 -2.56 0.00	57.90 -2.88 0.00	53.92 -2.98 0.00	43.03 -2.20 0.00	42.85 -2.17 0.00	37.61 -1.93 0.00
RUSSELL___4 23556	36.32 -1.63 0.00	33.93 -1.47 0.00	36.63 -1.63 0.00	36.10 -1.65 0.00	37.02 -1.66 0.00	37.02 -1.65 0.00	41.01 -1.88 0.00	48.64 -2.34 0.00	44.05 -1.96 0.00	39.94 -1.75 0.00	41.84 -1.94 0.00	44.80 -2.24 0.00	39.27 -2.19 0.54	39.57 -2.24 0.03	38.45 -2.20 0.41	46.54 -2.58 0.00	42.84 -2.67 2.45	53.72 -2.94 0.00	45.91 -2.56 0.00	57.90 -2.88 0.00	53.92 -2.98 0.00	43.03 -2.20 0.00	42.85 -2.17 0.00	37.61 -1.93 0.00
RUSSELL___STATION 23914	36.32 -1.63 0.00	33.93 -1.47 0.00	36.63 -1.63 0.00	36.10 -1.65 0.00	37.02 -1.66 0.00	37.02 -1.65 0.00	41.01 -1.88 0.00	48.64 -2.34 0.00	44.05 -1.96 0.00	39.94 -1.75 0.00	41.84 -1.94 0.00	44.80 -2.24 0.00	39.27 -2.19 0.54	39.57 -2.24 0.03	38.45 -2.20 0.41	46.54 -2.58 0.00	42.84 -2.67 2.45	53.72 -2.94 0.00	45.91 -2.56 0.00	57.90 -2.88 0.00	53.92 -2.98 0.00	43.03 -2.20 0.00	42.85 -2.17 0.00	37.61 -1.93 0.00
S SALMON___HYD 24043	38.24 0.29 0.00	35.66 0.26 0.00	38.41 0.15 0.00	37.82 0.06 0.00	38.86 0.17 0.00	38.79 0.12 0.00	42.86 -0.03 0.00	51.37 0.39 0.00	46.20 0.19 0.00	41.44 -0.25 0.00	43.66 -0.12 0.00	46.89 -0.16 0.00	41.86 -0.14 0.00	41.48 -0.35 0.00	40.75 -0.31 0.00	48.76 -0.36 0.00	47.61 -0.34 0.00	56.25 -0.40 0.00	48.27 -0.20 0.00	60.56 -0.21 0.00	56.50 -0.39 0.00	44.98 -0.25 0.00	44.60 -0.41 0.00	39.02 -0.53 0.00
S.PERRY__115KV_TB1 80734	37.33 -0.62 0.00	34.80 -0.59 0.00	37.55 -0.70 0.00	37.02 -0.73 0.00	37.83 -0.85 0.00	37.71 -0.96 0.00	41.95 -0.94 0.00	49.67 -1.31 0.00	44.99 -1.02 0.00	40.57 -1.12 0.00	42.40 -1.38 0.00	45.03 -2.01 0.00	38.61 -2.06 1.33	40.39 -2.13 -0.68	39.15 -2.07 -0.16	46.63 -2.49 0.00	39.67 -2.27 6.02	56.39 -2.20 -1.93	51.41 -1.67 -4.61	59.20 -1.57 0.00	55.01 -1.89 0.00	44.03 -1.21 0.00	43.94 -1.07 0.00	38.42 -1.12 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.33 -2.62 0.00	33.03 -2.37 0.00	35.68 -2.58 0.00	35.13 -2.62 0.00	35.94 -2.74 0.00	35.85 -2.82 0.00	39.48 -3.41 0.00	46.56 -4.41 0.00	42.29 -3.72 0.00	38.33 -3.36 0.00	40.04 -3.75 0.00	42.83 -4.21 0.00	37.04 -4.06 0.89	37.39 -4.19 0.26	35.96 -4.09 1.02	44.29 -4.83 0.00	38.96 -4.98 4.02	50.41 -5.70 0.54	42.14 -5.03 1.29	55.03 -5.75 0.00	51.23 -5.66 0.00	41.18 -4.05 0.00	41.23 -3.79 0.00	36.30 -3.25 0.00

SAWYER___23_KV_LOAD 55526	35.33 -2.62 0.00	33.03 -2.37 0.00	35.68 -2.58 0.00	35.13 -2.62 0.00	35.94 -2.74 0.00	35.85 -2.82 0.00	39.48 -3.41 0.00	46.56 -4.41 0.00	42.29 -3.72 0.00	38.33 -3.36 0.00	40.04 -3.75 0.00	42.83 -4.21 0.00	37.04 -4.06 0.89	37.39 -4.19 0.26	35.96 -4.09 1.02	44.29 -4.83 0.00	38.96 -4.98 4.02	50.41 -5.70 0.54	42.14 -5.03 1.29	55.03 -5.75 0.00	51.23 -5.66 0.00	41.18 -4.05 0.00	41.23 -3.79 0.00	36.30 -3.25 0.00
SELKIRK___I 23801	38.85 0.90 0.00	36.25 0.85 0.00	39.17 0.92 0.00	38.65 0.90 0.00	39.58 0.90 0.00	39.52 0.85 0.00	43.72 0.83 0.00	51.90 0.92 0.00	46.86 0.85 0.00	42.51 0.82 0.00	44.59 0.80 0.00	47.82 0.78 0.00	42.66 0.67 0.00	42.66 0.83 0.00	41.76 0.69 0.00	49.96 0.84 0.00	49.12 1.17 0.00	58.13 1.47 0.00	49.87 1.39 0.00	62.28 1.51 0.00	58.35 1.46 0.00	46.37 1.14 0.00	46.17 1.15 0.00	40.58 1.03 0.00
SELKIRK___II 23799	38.63 0.68 0.00	36.02 0.62 0.00	38.92 0.67 0.00	38.39 0.64 0.00	39.33 0.65 0.00	39.25 0.58 0.00	43.41 0.52 0.00	51.58 0.60 0.00	46.60 0.59 0.00	42.28 0.59 0.00	44.38 0.59 0.00	47.68 0.64 0.00	42.57 0.58 0.00	42.50 0.66 0.00	41.67 0.61 0.00	49.84 0.72 0.00	48.85 0.90 0.00	57.78 1.12 0.00	49.58 1.10 0.00	61.89 1.12 0.00	57.99 1.10 0.00	46.09 0.86 0.00	45.87 0.85 0.00	40.32 0.78 0.00
SENECA OSWGO___HYD 24041	37.71 -0.24 0.00	35.18 -0.22 0.00	37.93 -0.33 0.00	37.36 -0.39 0.00	38.34 -0.34 0.00	38.37 -0.30 0.00	42.62 -0.27 0.00	50.79 -0.19 0.00	45.81 -0.20 0.00	41.40 -0.29 0.00	43.48 -0.30 0.00	46.58 -0.46 0.00	41.67 -0.33 0.00	41.44 -0.39 0.00	40.85 -0.22 0.00	48.74 -0.38 0.00	47.59 -0.36 0.00	56.36 -0.30 0.00	48.32 -0.15 0.00	60.56 -0.22 0.00	56.49 -0.41 0.00	44.89 -0.34 0.00	44.52 -0.49 0.00	38.98 -0.56 0.00
SENECA___115KV_TB3 355854	35.91 -2.04 0.00	33.57 -1.83 0.00	36.27 -1.99 0.00	35.70 -2.05 0.00	36.49 -2.19 0.00	36.40 -2.27 0.00	40.12 -2.77 0.00	47.37 -3.61 0.00	42.95 -3.06 0.00	38.92 -2.78 0.00	40.61 -3.17 0.00	43.47 -3.57 0.00	37.54 -3.50 0.95	37.95 -3.61 0.27	36.49 -3.49 1.08	45.00 -4.11 0.00	39.41 -4.23 4.31	51.27 -4.83 0.56	42.91 -4.22 1.34	56.02 -4.76 0.00	52.17 -4.72 0.00	41.94 -3.29 0.00	42.02 -2.99 0.00	36.90 -2.64 0.00
SENECA___ENERGY 23797	36.95 -1.00 0.00	34.45 -0.95 0.00	37.22 -1.03 0.00	36.70 -1.05 0.00	37.55 -1.13 0.00	37.57 -1.10 0.00	41.77 -1.12 0.00	49.64 -1.33 0.00	44.83 -1.18 0.00	40.57 -1.12 0.00	42.50 -1.28 0.00	45.63 -1.42 0.00	40.32 -1.51 0.17	40.32 -1.56 -0.04	39.63 -1.39 0.05	47.52 -1.60 0.00	45.61 -1.57 0.77	55.16 -1.63 -0.13	47.49 -1.30 -0.32	59.16 -1.61 0.00	55.24 -1.66 0.00	44.02 -1.21 0.00	43.80 -1.21 0.00	38.40 -1.15 0.00
SHOEMAKER___GT 23640	38.86 0.91 0.00	36.19 0.79 0.00	39.06 0.81 0.00	38.53 0.79 0.00	39.47 0.79 0.00	39.49 0.82 0.00	43.93 1.04 0.00	52.37 1.39 0.00	47.26 1.25 0.00	42.88 1.19 0.00	45.00 1.21 0.00	48.49 1.45 0.00	43.40 1.40 0.00	43.27 1.44 0.00	42.32 1.26 0.00	50.60 1.48 0.00	49.62 1.66 0.00	58.66 1.99 0.00	50.44 1.97 0.00	62.86 2.09 0.00	58.89 2.00 0.00	46.77 1.53 0.00	46.54 1.53 0.00	40.84 1.29 0.00
SHOEMAKR_138KV_BK 111 55601	38.84 0.88 0.00	36.17 0.77 0.00	39.04 0.79 0.00	38.51 0.76 0.00	39.45 0.77 0.00	39.46 0.79 0.00	43.90 1.01 0.00	52.33 1.35 0.00	47.24 1.23 0.00	42.86 1.17 0.00	44.97 1.18 0.00	48.48 1.43 0.00	43.38 1.38 0.00	43.26 1.42 0.00	42.31 1.25 0.00	50.60 1.48 0.00	49.60 1.65 0.00	58.62 1.96 0.00	50.41 1.94 0.00	62.82 2.05 0.00	58.86 1.96 0.00	46.73 1.50 0.00	46.52 1.51 0.00	40.83 1.28 0.00
SHOREHAM_IC_1 23715	39.21 1.25 0.00	36.67 1.27 0.00	39.14 0.89 0.00	38.36 0.61 0.00	37.98 0.35 1.05	39.77 1.10 0.00	44.92 2.03 0.00	52.85 1.88 0.00	18.95 0.66 27.72	27.06 0.52 15.15	-0.22 0.55 44.55	7.93 1.45 40.56	17.81 1.52 25.70	25.98 1.66 17.52	28.51 1.37 13.93	40.80 1.91 10.22	105.88 3.48 -54.44	158.35 3.65 -98.04	171.49 3.12 -119.90	43.49 2.16 19.44	54.27 2.72 5.34	47.77 2.53 0.00	47.58 2.57 0.00	41.51 1.97 0.00
SHOREHAM_IC_2 23716	39.21 1.25 0.00	36.67 1.27 0.00	39.14 0.89 0.00	38.36 0.61 0.00	37.98 0.35 1.05	39.77 1.10 0.00	44.92 2.03 0.00	52.85 1.88 0.00	18.95 0.66 27.72	27.06 0.52 15.15	-0.22 0.55 44.55	7.93 1.45 40.56	17.81 1.52 25.70	25.98 1.66 17.52	28.51 1.37 13.93	40.80 1.91 10.22	105.88 3.48 -54.44	158.35 3.65 -98.04	171.49 3.12 -119.90	43.49 2.16 19.44	54.27 2.72 5.34	47.77 2.53 0.00	47.58 2.57 0.00	41.51 1.97 0.00
SISSONVILLE____ 23735	39.20 1.25 0.00	36.59 1.19 0.00	39.67 1.42 0.00	39.42 1.66 0.00	40.33 1.65 0.00	40.10 1.43 0.00	44.24 1.35 0.00	52.67 1.70 0.00	47.44 1.43 0.00	42.75 1.05 0.00	44.96 1.18 0.00	48.35 1.31 0.00	43.65 1.65 0.00	43.39 1.56 0.00	42.59 1.53 0.00	50.99 1.88 0.00	49.58 1.62 0.00	58.11 1.45 0.00	49.01 0.53 0.00	61.96 1.18 0.00	58.04 1.15 0.00	46.35 1.12 0.00	46.19 1.18 0.00	40.62 1.07 0.00
SITHE_IND_GS1 24169	36.34 -1.61 0.00	33.91 -1.48 0.00	36.62 -1.64 0.00	36.12 -1.63 0.00	37.02 -1.66 0.00	37.01 -1.66 0.00	41.05 -1.83 0.00	48.81 -2.17 0.00	44.07 -1.94 0.00	39.93 -1.76 0.00	41.91 -1.88 0.00	45.00 -2.04 0.00	40.14 -1.85 0.00	39.96 -1.88 0.00	39.24 -1.82 0.00	46.94 -2.17 0.00	45.85 -2.11 0.00	54.22 -2.43 0.00	46.43 -2.04 0.00	58.21 -2.57 0.00	54.44 -2.46 0.00	43.30 -1.93 0.00	43.08 -1.93 0.00	37.84 -1.71 0.00
SITHE_IND_GS2 24170	36.34 -1.61 0.00	33.91 -1.48 0.00	36.62 -1.64 0.00	36.12 -1.63 0.00	37.02 -1.66 0.00	37.01 -1.66 0.00	41.05 -1.83 0.00	48.81 -2.17 0.00	44.07 -1.94 0.00	39.93 -1.76 0.00	41.91 -1.88 0.00	45.00 -2.04 0.00	40.14 -1.85 0.00	39.96 -1.88 0.00	39.24 -1.82 0.00	46.94 -2.17 0.00	45.85 -2.11 0.00	54.22 -2.43 0.00	46.43 -2.04 0.00	58.21 -2.57 0.00	54.44 -2.46 0.00	43.30 -1.93 0.00	43.08 -1.93 0.00	37.84 -1.71 0.00
SITHE_IND_GS3 24171	36.34 -1.61 0.00	33.91 -1.48 0.00	36.62 -1.64 0.00	36.12 -1.63 0.00	37.02 -1.66 0.00	37.01 -1.66 0.00	41.05 -1.83 0.00	48.81 -2.17 0.00	44.07 -1.94 0.00	39.93 -1.76 0.00	41.91 -1.88 0.00	45.00 -2.04 0.00	40.14 -1.85 0.00	39.96 -1.88 0.00	39.24 -1.82 0.00	46.94 -2.17 0.00	45.85 -2.11 0.00	54.22 -2.43 0.00	46.43 -2.04 0.00	58.21 -2.57 0.00	54.44 -2.46 0.00	43.30 -1.93 0.00	43.08 -1.93 0.00	37.84 -1.71 0.00
SITHE_IND_GS4 24172	36.34 -1.61 0.00	33.91 -1.48 0.00	36.62 -1.64 0.00	36.12 -1.63 0.00	37.02 -1.66 0.00	37.01 -1.66 0.00	41.05 -1.83 0.00	48.81 -2.17 0.00	44.07 -1.94 0.00	39.93 -1.76 0.00	41.91 -1.88 0.00	45.00 -2.04 0.00	40.14 -1.85 0.00	39.96 -1.88 0.00	39.24 -1.82 0.00	46.94 -2.17 0.00	45.85 -2.11 0.00	54.22 -2.43 0.00	46.43 -2.04 0.00	58.21 -2.57 0.00	54.44 -2.46 0.00	43.30 -1.93 0.00	43.08 -1.93 0.00	37.84 -1.71 0.00

SITHE___BATAVIA 24024	36.22 -1.73 0.00	33.85 -1.55 0.00	36.56 -1.69 0.00	36.02 -1.73 0.00	36.93 -1.75 0.00	36.93 -1.74 0.00	40.86 -2.03 0.00	48.32 -2.66 0.00	43.86 -2.15 0.00	39.71 -1.98 0.00	41.56 -2.22 0.00	44.41 -2.63 0.00	38.62 -2.66 0.71	38.96 -2.72 0.15	37.64 -2.71 0.72	45.88 -3.24 0.00	41.58 -3.19 3.19	52.86 -3.52 0.28	44.75 -3.05 0.67	57.34 -3.44 0.00	53.33 -3.56 0.00	42.68 -2.55 0.00	42.59 -2.42 0.00	37.40 -2.14 0.00
SITHE___INDEPEND 23800	36.34 -1.61 0.00	33.91 -1.48 0.00	36.62 -1.64 0.00	36.12 -1.63 0.00	37.01 -1.67 0.00	37.01 -1.66 0.00	41.05 -1.83 0.00	48.80 -2.18 0.00	44.07 -1.94 0.00	39.93 -1.76 0.00	41.90 -1.88 0.00	45.00 -2.04 0.00	40.13 -1.86 0.00	39.96 -1.88 0.00	39.25 -1.81 0.00	46.94 -2.18 0.00	45.84 -2.11 0.00	54.22 -2.44 0.00	46.43 -2.04 0.00	58.21 -2.57 0.00	54.44 -2.46 0.00	43.30 -1.93 0.00	43.08 -1.93 0.00	37.84 -1.71 0.00
SITHE___MASSENA 23902	38.84 0.89 0.00	36.24 0.84 0.00	39.27 1.02 0.00	39.12 1.36 0.00	40.13 1.45 0.00	40.08 1.41 0.00	44.35 1.46 0.00	52.67 1.69 0.00	47.48 1.47 0.00	42.97 1.28 0.00	45.18 1.39 0.00	48.47 1.43 0.00	43.40 1.41 0.00	43.20 1.36 0.00	42.42 1.36 0.00	50.72 1.60 0.00	49.30 1.35 0.00	58.00 1.34 0.00	49.16 0.69 0.00	62.10 1.33 0.00	58.21 1.31 0.00	46.33 1.09 0.00	46.11 1.10 0.00	40.57 1.02 0.00
SITHE___OGDNSBRG 24021	39.69 1.75 0.00	37.04 1.64 0.00	40.15 1.90 0.00	39.98 2.22 0.00	40.97 2.30 0.00	40.93 2.26 0.00	45.32 2.43 0.00	53.88 2.90 0.00	48.56 2.55 0.00	43.86 2.17 0.00	46.09 2.31 0.00	49.44 2.39 0.00	44.44 2.45 0.00	44.23 2.39 0.00	43.40 2.34 0.00	51.91 2.80 0.00	50.54 2.59 0.00	59.47 2.81 0.00	50.29 1.82 0.00	63.58 2.81 0.00	59.54 2.64 0.00	47.41 2.18 0.00	47.13 2.12 0.00	41.45 1.91 0.00
SITHE___STERLING 23777	38.76 0.80 0.00	36.11 0.71 0.00	38.94 0.69 0.00	38.45 0.70 0.00	39.52 0.84 0.00	39.56 0.89 0.00	44.02 1.14 0.00	52.48 1.50 0.00	47.27 1.26 0.00	42.73 1.03 0.00	44.92 1.13 0.00	48.22 1.18 0.00	42.93 0.93 0.00	42.73 0.89 0.00	41.95 0.88 0.00	50.31 1.19 0.00	49.23 1.27 0.00	58.14 1.48 0.00	49.71 1.24 0.00	62.27 1.49 0.00	58.15 1.26 0.00	46.17 0.94 0.00	45.85 0.84 0.00	40.17 0.62 0.00
SLEIGHT__34_KV_TB1 80719	36.50 -1.45 0.00	34.06 -1.34 0.00	36.79 -1.47 0.00	36.27 -1.48 0.00	37.17 -1.51 0.00	37.19 -1.48 0.00	41.31 -1.58 0.00	49.03 -1.95 0.00	44.34 -1.67 0.00	40.19 -1.51 0.00	42.09 -1.70 0.00	45.11 -1.93 0.00	39.79 -1.92 0.28	39.88 -1.93 0.02	39.03 -1.81 0.21	47.01 -2.11 0.00	44.50 -2.16 1.29	54.33 -2.33 0.00	46.47 -2.00 0.00	58.45 -2.32 0.00	54.49 -2.41 0.00	43.41 -1.83 0.00	43.16 -1.85 0.00	37.89 -1.65 0.00
SOUTH CAIRO___GT 23612	40.19 2.23 0.00	37.46 2.06 0.00	40.48 2.23 0.00	39.96 2.21 0.00	40.97 2.29 0.00	40.96 2.29 0.00	45.40 2.51 0.00	54.00 3.02 0.00	48.88 2.87 0.00	44.35 2.66 0.00	46.41 2.62 0.00	49.54 2.50 0.00	43.90 1.90 0.00	44.09 2.25 0.00	42.94 1.88 0.00	51.05 1.93 0.00	50.78 2.83 0.00	60.53 3.88 0.00	52.03 3.55 0.00	64.89 4.11 0.00	60.67 3.77 0.00	48.09 2.85 0.00	47.73 2.71 0.00	41.90 2.35 0.00
SOUTH HAMPTN___IC 23720	39.44 1.49 0.00	36.92 1.52 0.00	39.36 1.10 0.00	38.50 0.76 0.00	37.19 0.22 1.71	39.74 1.07 0.00	44.82 1.94 0.00	52.62 1.64 0.00	1.15 0.39 45.25	17.28 0.31 24.73	-28.53 0.40 72.72	-17.99 1.18 66.21	1.32 1.28 41.95	14.68 1.44 28.59	19.53 1.20 22.74	33.29 1.69 17.52	105.76 3.36 -54.44	158.06 3.36 -98.04	171.13 -2.76 -119.90	30.96 1.92 31.74	50.82 2.64 8.72	47.75 2.52 0.00	47.51 2.50 0.00	41.42 1.88 0.00
SOUTHDOW_115KV_TB1 355954	37.19 -0.76 0.00	34.71 -0.69 0.00	37.53 -0.73 0.00	36.76 -0.99 0.00	37.25 -1.43 0.00	37.24 -1.43 0.00	41.32 -1.57 0.00	49.12 -1.85 0.00	44.31 -1.70 0.00	40.06 -1.64 0.00	41.72 -2.07 0.00	44.82 -2.23 0.00	38.78 -2.11 1.11	39.79 -1.87 0.18	38.08 -1.94 1.05	47.15 -1.97 0.00	40.76 -2.19 5.01	53.99 -2.36 0.31	45.76 -1.98 0.74	58.68 -2.09 0.00	54.86 -2.04 0.00	44.11 -1.13 0.00	44.12 -0.89 0.00	38.50 -1.04 0.00
SOUTHOLD_69_KV_BK 2 55809	39.86 1.91 0.00	37.31 1.91 0.00	39.76 1.51 0.00	38.74 0.99 0.00	36.98 0.02 1.72	39.58 0.91 0.00	44.47 1.58 0.00	52.05 1.06 0.00	0.27 -0.14 45.60	16.64 -0.13 24.92	-29.43 0.07 73.29	-19.05 0.64 66.73	0.48 0.76 42.28	13.98 0.96 28.81	18.92 0.77 22.91	32.66 1.20 17.66	105.28 2.89 -54.44	157.06 2.36 -98.04	169.71 1.34 -119.90	30.15 1.36 31.98	50.20 2.09 8.79	47.25 2.02 0.00	46.96 1.94 0.00	40.91 1.36 0.00
SOUTHOLD___IC 23719	39.86 1.91 0.00	37.31 1.91 0.00	39.76 1.50 0.00	38.74 0.99 0.00	36.97 0.02 1.72	39.58 0.91 0.00	44.47 1.58 0.00	52.04 1.07 0.00	0.24 -0.16 45.60	16.63 -0.14 24.92	-29.46 0.05 73.29	-19.05 0.64 66.73	0.47 0.76 42.28	13.97 0.95 28.81	18.93 0.78 22.91	32.66 1.20 17.66	105.29 2.89 -54.44	157.05 2.35 -98.04	169.71 1.34 -119.90	30.16 1.37 31.98	50.19 2.08 8.79	47.25 2.02 0.00	46.96 1.94 0.00	40.91 1.36 0.00
SOUTH_FORK_WT_PWR 323839	39.97 2.02 0.00	37.41 2.01 0.00	39.86 1.60 0.00	38.73 0.98 0.00	36.63 -0.34 1.72	39.26 0.59 0.00	43.99 1.10 0.00	51.33 0.35 0.00	-0.28 -0.87 45.41	16.15 -0.73 24.82	-29.69 -0.49 72.98	-19.44 -0.03 66.45	0.01 0.12 42.10	13.48 0.34 28.69	18.46 0.21 22.82	32.04 0.51 17.58	104.63 2.23 -54.44	156.47 1.77 -98.04	169.46 1.09 -119.90	29.47 0.54 31.85	49.45 1.30 8.75	46.60 1.37 0.00	46.29 1.28 0.00	40.32 0.78 0.00
SPIERFLS_115KV_TB 1 80737	39.99 2.05 0.00	37.29 1.89 0.00	40.46 2.21 0.00	39.92 2.17 0.00	40.92 2.24 0.00	40.90 2.23 0.00	45.66 2.77 0.00	54.18 3.20 0.00	48.93 2.92 0.00	44.40 2.70 0.00	46.52 2.74 0.00	49.87 2.83 0.00	44.50 2.51 0.00	44.62 2.78 0.00	43.73 2.67 0.00	52.42 3.30 0.00	51.25 3.29 0.00	60.81 4.15 0.00	52.07 3.59 0.00	65.08 4.30 0.00	60.89 4.00 0.00	48.45 3.22 0.00	49.01 4.00 0.00	43.25 3.71 0.00
ST LAWRENCE____ 23600	38.48 0.53 0.00	35.93 0.53 0.00	38.92 0.66 0.00	38.49 0.75 0.00	39.45 0.77 0.00	39.43 0.76 0.00	43.65 0.76 0.00	51.82 0.84 0.00	46.74 0.73 0.00	42.33 0.64 0.00	44.51 0.72 0.00	47.73 0.69 0.00	42.68 0.69 0.00	42.48 0.64 0.00	41.71 0.65 0.00	49.87 0.75 0.00	48.48 0.52 0.00	57.05 0.40 0.00	48.44 -0.04 0.00	61.14 0.37 0.00	57.30 0.41 0.00	45.57 0.34 0.00	45.35 0.34 0.00	39.91 0.37 0.00
STATE_CA_115KV_115_LB 55624	38.79 0.84 0.00	36.19 0.79 0.00	39.09 0.83 0.00	38.58 0.82 0.00	39.49 0.81 0.00	39.42 0.75 0.00	43.50 0.61 0.00	51.65 0.67 0.00	46.69 0.68 0.00	42.39 0.70 0.00	44.50 0.72 0.00	47.81 0.76 0.00	42.70 0.70 0.00	42.62 0.78 0.00	41.80 0.74 0.00	50.02 0.90 0.00	49.04 1.08 0.00	57.98 1.32 0.00	49.74 1.27 0.00	62.07 1.29 0.00	58.15 1.26 0.00	46.20 0.96 0.00	45.99 0.97 0.00	40.46 0.91 0.00

STATE_ST_34_KV_LOAD 55959	37.46 -0.50 0.00	34.91 -0.49 0.00	37.80 -0.45 0.00	37.26 -0.49 0.00	38.07 -0.61 0.00	38.08 -0.58 0.00	42.33 -0.56 0.00	50.32 -0.66 0.00	45.43 -0.58 0.00	41.11 -0.58 0.00	43.09 -0.69 0.00	46.27 -0.78 0.00	41.52 -0.82 -0.34	40.95 -0.90 -0.02	40.62 -0.70 -0.26	48.31 -0.81 0.00	48.78 -0.74 -1.57	55.97 -0.68 0.00	47.96 -0.52 0.00	60.13 -0.64 0.00	56.16 -0.74 0.00	44.69 -0.55 0.00	44.42 -0.59 0.00	39.07 -0.47 0.00
STATION 5_MISC_HYD 23604	36.14 -1.81 0.00	33.76 -1.64 0.00	36.45 -1.80 0.00	35.94 -1.81 0.00	36.84 -1.84 0.00	36.84 -1.83 0.00	40.79 -2.10 0.00	48.35 -2.63 0.00	43.78 -2.23 0.00	39.69 -2.00 0.00	41.60 -2.19 0.00	44.53 -2.51 0.00	39.02 -2.44 0.54	39.33 -2.48 0.03	38.21 -2.44 0.41	46.25 -2.86 0.00	42.55 -2.96 2.45	53.38 -3.27 0.00	45.60 -2.88 0.00	57.49 -3.28 0.00	53.57 -3.33 0.00	42.76 -2.47 0.00	42.59 -2.42 0.00	37.42 -2.13 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.96 -0.99 0.00	34.49 -0.91 0.00	37.24 -1.02 0.00	36.72 -1.03 0.00	37.62 -1.06 0.00	37.66 -1.01 0.00	41.88 -1.02 0.00	49.73 -1.25 0.00	44.98 -1.03 0.00	40.73 -0.97 0.00	42.67 -1.11 0.00	45.73 -1.31 0.00	39.86 -1.44 0.70	40.37 -1.43 0.04	39.42 -1.33 0.32	47.68 -1.44 0.00	43.21 -1.57 3.18	55.09 -1.57 0.00	47.30 -1.17 0.00	59.57 -1.21 0.00	55.57 -1.33 0.00	44.25 -0.98 0.00	44.00 -1.01 0.00	38.57 -0.98 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.01 -1.94 0.00	33.64 -1.76 0.00	36.32 -1.94 0.00	35.80 -1.95 0.00	36.71 -1.97 0.00	36.72 -1.95 0.00	40.67 -2.22 0.00	48.23 -2.74 0.00	43.68 -2.33 0.00	39.60 -2.09 0.00	41.49 -2.29 0.00	44.43 -2.61 0.00	38.97 -2.50 0.53	39.26 -2.55 0.03	38.16 -2.51 0.40	46.17 -2.95 0.00	42.54 -3.02 2.40	53.28 -3.37 0.00	45.54 -2.93 0.00	57.39 -3.38 0.00	53.47 -3.43 0.00	42.66 -2.57 0.00	42.48 -2.53 0.00	37.31 -2.23 0.00
STA_56___34_KV_BUS2 355983	36.01 -1.94 0.00	33.64 -1.76 0.00	36.32 -1.94 0.00	35.80 -1.95 0.00	36.71 -1.97 0.00	36.72 -1.95 0.00	40.67 -2.22 0.00	48.23 -2.74 0.00	43.68 -2.33 0.00	39.60 -2.09 0.00	41.49 -2.29 0.00	44.43 -2.61 0.00	38.97 -2.50 0.53	39.26 -2.55 0.03	38.16 -2.51 0.40	46.17 -2.95 0.00	42.54 -3.02 2.40	53.28 -3.37 0.00	45.54 -2.93 0.00	57.39 -3.38 0.00	53.47 -3.43 0.00	42.66 -2.57 0.00	42.48 -2.53 0.00	37.31 -2.23 0.00
STA_67___115KV_BK2 355882	36.05 -1.90 0.00	33.69 -1.72 0.00	36.37 -1.88 0.00	35.86 -1.89 0.00	36.75 -1.93 0.00	36.75 -1.92 0.00	40.68 -2.21 0.00	48.22 -2.76 0.00	43.67 -2.33 0.00	39.59 -2.11 0.00	41.47 -2.31 0.00	44.41 -2.63 0.00	38.92 -2.54 0.54	39.22 -2.59 0.03	38.11 -2.55 0.41	46.11 -3.00 0.00	42.44 -3.08 2.44	53.22 -3.44 0.00	45.47 -3.00 0.00	57.33 -3.45 0.00	53.41 -3.48 0.00	42.64 -2.59 0.00	42.48 -2.53 0.00	37.32 -2.22 0.00
STA_7___115KV_9TRANS 80674	36.32 -1.63 0.00	33.93 -1.47 0.00	36.63 -1.63 0.00	36.10 -1.65 0.00	37.02 -1.66 0.00	37.02 -1.65 0.00	41.01 -1.88 0.00	48.64 -2.34 0.00	44.05 -1.96 0.00	39.94 -1.75 0.00	41.84 -1.94 0.00	44.80 -2.24 0.00	39.27 -2.19 0.54	39.57 -2.24 0.03	38.45 -2.20 0.41	46.54 -2.58 0.00	42.84 -2.67 2.45	53.72 -2.94 0.00	45.91 -2.56 0.00	57.90 -2.88 0.00	53.92 -2.98 0.00	43.03 -2.20 0.00	42.85 -2.17 0.00	37.61 -1.93 0.00
STA_82___115KV_TB1 80780	36.05 -1.90 0.00	33.69 -1.72 0.00	36.37 -1.88 0.00	35.86 -1.89 0.00	36.75 -1.93 0.00	36.75 -1.92 0.00	40.69 -2.20 0.00	48.23 -2.75 0.00	43.67 -2.33 0.00	39.59 -2.11 0.00	41.48 -2.30 0.00	44.42 -2.63 0.00	38.91 -2.54 0.54	39.22 -2.59 0.03	38.10 -2.55 0.42	46.11 -3.00 0.00	42.41 -3.07 2.47	53.22 -3.44 0.00	45.48 -3.00 0.00	57.34 -3.43 0.00	53.42 -3.48 0.00	42.65 -2.59 0.00	42.48 -2.53 0.00	37.32 -2.22 0.00
STEEL___WIND 323596	35.86 -2.09 0.00	33.53 -1.87 0.00	36.23 -2.03 0.00	35.68 -2.07 0.00	36.45 -2.22 0.00	36.36 -2.31 0.00	40.09 -2.80 0.00	47.32 -3.66 0.00	42.88 -3.13 0.00	38.86 -2.83 0.00	40.54 -3.24 0.00	43.38 -3.66 0.00	37.43 -3.61 0.95	37.87 -3.69 0.27	36.41 -3.57 1.09	44.91 -4.20 0.00	39.33 -4.31 4.31	51.17 -4.93 0.56	42.81 -4.32 1.34	55.87 -4.91 0.00	52.08 -4.82 0.00	41.87 -3.36 0.00	41.97 -3.04 0.00	36.85 -2.70 0.00
STEPHTWN_115KV_BK_2 55603	38.98 1.03 0.00	36.31 0.91 0.00	39.23 0.97 0.00	38.69 0.94 0.00	39.61 0.93 0.00	39.58 0.91 0.00	43.82 0.93 0.00	52.02 1.04 0.00	47.03 1.02 0.00	42.66 0.97 0.00	44.82 1.03 0.00	48.13 1.09 0.00	42.93 0.93 0.00	42.91 1.08 0.00	41.98 0.92 0.00	50.29 1.17 0.00	49.21 1.26 0.00	58.42 1.76 0.00	50.15 1.68 0.00	62.64 1.87 0.00	58.58 1.68 0.00	46.52 1.29 0.00	46.30 1.29 0.00	40.64 1.10 0.00
STEUBEN_REC_LFGE 323667	36.65 -1.30 0.00	34.05 -1.34 0.00	36.71 -1.55 0.00	36.31 -1.44 0.00	36.84 -1.84 0.00	36.42 -2.25 0.00	40.43 -2.46 0.00	47.59 -3.39 0.00	43.16 -2.84 0.00	38.93 -2.77 0.00	40.55 -3.23 0.00	42.96 -4.09 0.00	34.69 -4.31 3.00	37.77 -4.38 -0.32	35.36 -4.14 1.56	44.47 -4.64 0.00	29.82 -4.51 13.62	52.82 -5.09 -1.25	47.34 -4.12 -2.98	56.23 -4.54 0.00	52.27 -4.62 0.00	42.36 -2.88 0.00	42.67 -2.34 0.00	37.28 -2.26 0.00
STILLWATER___SOLAR 323814	39.75 1.80 0.00	37.06 1.66 0.00	40.16 1.90 0.00	39.61 1.86 0.00	40.59 1.91 0.00	40.56 1.89 0.00	45.15 2.26 0.00	53.59 2.61 0.00	48.40 2.39 0.00	43.89 2.20 0.00	46.05 2.27 0.00	49.41 2.37 0.00	44.10 2.10 0.00	44.09 2.25 0.00	43.24 2.18 0.00	51.78 2.67 0.00	50.69 2.74 0.00	60.06 3.40 0.00	51.50 3.03 0.00	64.32 3.54 0.00	60.23 3.34 0.00	47.84 2.61 0.00	47.87 2.85 0.00	42.11 2.56 0.00
STONY___BROOK 24151	39.91 1.95 0.00	37.19 1.79 0.00	39.90 1.65 0.00	39.18 1.43 0.00	39.94 1.34 0.08	40.32 1.65 0.00	45.21 2.32 0.00	53.70 2.72 0.00	45.75 1.86 2.12	42.09 1.55 1.16	41.99 1.61 3.40	46.43 2.49 3.10	42.44 2.42 1.96	43.06 2.57 1.34	42.25 2.25 1.07	52.51 2.96 -0.43	106.04 3.64 -54.44	158.78 4.07 -98.04	171.90 3.53 -119.90	63.00 3.71 1.49	60.10 3.61 0.41	48.09 2.86 0.00	47.81 2.80 0.00	41.73 2.18 0.00
STURGEON_POOL_HYD 23609	39.18 1.23 0.00	36.48 1.08 0.00	39.38 1.13 0.00	38.84 1.09 0.00	39.78 1.10 0.00	39.82 1.15 0.00	44.37 1.48 0.00	52.93 1.95 0.00	47.81 1.79 0.00	43.38 1.68 0.00	45.53 1.75 0.00	49.14 2.10 0.00	43.97 1.97 0.00	43.84 2.01 0.00	42.94 1.88 0.00	51.30 2.18 0.00	50.23 2.28 0.00	59.39 2.73 0.00	51.08 2.61 0.00	63.65 2.88 0.00	59.63 2.74 0.00	47.33 2.09 0.00	47.06 2.05 0.00	41.28 1.74 0.00
ST_LAW_115_BK7_LBMP 345037	38.52 0.56 0.00	35.96 0.56 0.00	38.96 0.70 0.00	38.57 0.82 0.00	39.52 0.85 0.00	39.50 0.83 0.00	43.72 0.83 0.00	51.91 0.93 0.00	46.81 0.80 0.00	42.39 0.70 0.00	44.57 0.79 0.00	47.81 0.77 0.00	42.76 0.76 0.00	42.56 0.72 0.00	41.78 0.72 0.00	49.95 0.83 0.00	48.56 0.61 0.00	57.14 0.48 0.00	48.49 0.01 0.00	61.23 0.46 0.00	57.38 0.48 0.00	45.65 0.41 0.00	45.42 0.40 0.00	39.98 0.44 0.00

ST_LAW_115_BK8_LBMP 345038	38.52 0.56 0.00	35.96 0.56 0.00	38.96 0.70 0.00	38.57 0.82 0.00	39.52 0.85 0.00	39.50 0.83 0.00	43.72 0.83 0.00	51.91 0.93 0.00	46.81 0.80 0.00	42.39 0.70 0.00	44.57 0.79 0.00	47.81 0.77 0.00	42.76 0.76 0.00	42.56 0.72 0.00	41.78 0.72 0.00	49.95 0.83 0.00	48.56 0.61 0.00	57.14 0.48 0.00	48.49 0.01 0.00	61.23 0.46 0.00	57.38 0.48 0.00	45.65 0.41 0.00	45.42 0.40 0.00	39.98 0.44 0.00
ST_LAW_230_BK5_LBMP 345035	38.48 0.53 0.00	35.93 0.53 0.00	38.92 0.66 0.00	38.49 0.75 0.00	39.45 0.77 0.00	39.43 0.76 0.00	43.65 0.76 0.00	51.82 0.84 0.00	46.74 0.73 0.00	42.33 0.64 0.00	44.51 0.72 0.00	47.73 0.69 0.00	42.68 0.69 0.00	42.48 0.64 0.00	41.71 0.65 0.00	49.87 0.75 0.00	48.48 0.52 0.00	57.05 0.40 0.00	48.44 -0.04 0.00	61.14 0.37 0.00	57.30 0.41 0.00	45.57 0.34 0.00	45.35 0.34 0.00	39.91 0.37 0.00
ST_LAW_230_BK6_LBMP 345036	38.48 0.53 0.00	35.93 0.53 0.00	38.92 0.66 0.00	38.49 0.75 0.00	39.45 0.77 0.00	39.43 0.76 0.00	43.65 0.76 0.00	51.82 0.84 0.00	46.74 0.73 0.00	42.33 0.64 0.00	44.51 0.72 0.00	47.73 0.69 0.00	42.68 0.69 0.00	42.48 0.64 0.00	41.71 0.65 0.00	49.87 0.75 0.00	48.48 0.52 0.00	57.05 0.40 0.00	48.44 -0.04 0.00	61.14 0.37 0.00	57.30 0.41 0.00	45.57 0.34 0.00	45.35 0.34 0.00	39.91 0.37 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.94 0.99 0.00	36.27 0.87 0.00	39.15 0.90 0.00	38.61 0.86 0.00	39.54 0.86 0.00	39.56 0.89 0.00	44.01 1.12 0.00	52.50 1.53 0.00	47.40 1.39 0.00	43.00 1.31 0.00	45.12 1.34 0.00	48.68 1.64 0.00	43.57 1.57 0.00	43.46 1.62 0.00	42.56 1.50 0.00	50.87 1.75 0.00	49.83 1.88 0.00	58.90 2.24 0.00	50.65 2.17 0.00	63.08 2.30 0.00	59.09 2.19 0.00	46.91 1.68 0.00	46.71 1.69 0.00	40.98 1.44 0.00
SWANROAD_115KV_TB1 355699	34.56 -3.39 0.00	32.33 -3.07 0.00	34.92 -3.34 0.00	34.40 -3.35 0.00	35.26 -3.42 0.00	35.13 -3.54 0.00	38.59 -4.30 0.00	45.42 -5.56 0.00	41.32 -4.68 0.00	37.46 -4.23 0.00	39.13 -4.65 0.00	41.83 -5.21 0.00	36.26 -4.91 0.82	36.55 -5.08 0.21	35.27 -4.90 0.89	43.17 -5.94 0.00	38.34 -5.98 3.63	49.23 -7.02 0.41	41.36 -6.13 0.98	53.64 -7.13 0.00	49.92 -6.97 0.00	40.20 -5.04 0.00	40.30 -4.72 0.00	35.49 -4.06 0.00
SYNERGY___BIOGAS 323694	36.22 -1.73 0.00	33.85 -1.55 0.00	36.56 -1.69 0.00	36.02 -1.73 0.00	36.93 -1.75 0.00	36.93 -1.74 0.00	40.86 -2.03 0.00	48.32 -2.66 0.00	43.86 -2.15 0.00	39.71 -1.98 0.00	41.56 -2.22 0.00	44.41 -2.63 0.00	38.62 -2.66 0.71	38.96 -2.72 0.15	37.64 -2.71 0.72	45.88 -3.24 0.00	41.58 -3.19 3.19	52.86 -3.52 0.28	44.75 -3.05 0.67	57.34 -3.44 0.00	53.33 -3.56 0.00	42.68 -2.55 0.00	42.59 -2.42 0.00	37.40 -2.14 0.00
SYRACUSE___ENERGY_ST1 323597	37.39 -0.56 0.00	34.88 -0.52 0.00	37.67 -0.59 0.00	37.14 -0.61 0.00	38.05 -0.63 0.00	38.08 -0.58 0.00	42.31 -0.59 0.00	50.33 -0.65 0.00	45.41 -0.60 0.00	41.11 -0.58 0.00	43.14 -0.64 0.00	46.31 -0.73 0.00	41.29 -0.71 0.00	41.09 -0.74 0.00	40.41 -0.65 0.00	48.37 -0.75 0.00	47.26 -0.69 0.00	55.97 -0.69 0.00	47.96 -0.52 0.00	60.10 -0.67 0.00	56.16 -0.73 0.00	44.65 -0.58 0.00	44.38 -0.63 0.00	38.93 -0.61 0.00
SYRACUSE___ENERGY_ST2 323598	37.39 -0.56 0.00	34.88 -0.52 0.00	37.67 -0.59 0.00	37.14 -0.61 0.00	38.05 -0.63 0.00	38.08 -0.58 0.00	42.31 -0.59 0.00	50.33 -0.65 0.00	45.41 -0.60 0.00	41.11 -0.58 0.00	43.14 -0.64 0.00	46.31 -0.73 0.00	41.29 -0.71 0.00	41.09 -0.74 0.00	40.41 -0.65 0.00	48.37 -0.75 0.00	47.26 -0.69 0.00	55.97 -0.69 0.00	47.96 -0.52 0.00	60.10 -0.67 0.00	56.16 -0.73 0.00	44.65 -0.58 0.00	44.38 -0.63 0.00	38.93 -0.61 0.00
SYRACUSE___POWER 24017	37.29 -0.66 0.00	34.79 -0.61 0.00	37.55 -0.71 0.00	37.03 -0.73 0.00	37.95 -0.73 0.00	37.97 -0.70 0.00	42.19 -0.70 0.00	50.20 -0.78 0.00	45.31 -0.70 0.00	41.02 -0.67 0.00	43.06 -0.72 0.00	46.24 -0.80 0.00	41.44 -0.80 -0.24	41.02 -0.83 -0.01	40.49 -0.76 -0.18	48.26 -0.86 0.00	48.23 -0.81 -1.08	55.85 -0.81 0.00	47.85 -0.63 0.00	59.95 -0.83 0.00	56.02 -0.88 0.00	44.54 -0.69 0.00	44.28 -0.73 0.00	38.83 -0.72 0.00
TALLMAN___138KV_BK151 55660	39.06 1.11 0.00	36.37 0.97 0.00	39.23 0.97 0.00	38.70 0.95 0.00	39.62 0.94 0.00	39.64 0.97 0.00	44.10 1.21 0.00	52.66 1.68 0.00	47.53 1.52 0.00	43.13 1.44 0.00	45.26 1.47 0.00	48.87 1.83 0.00	43.76 1.77 0.00	43.64 1.81 0.00	42.75 1.69 0.00	51.10 1.98 0.00	50.06 2.10 0.00	59.12 2.46 0.00	50.87 2.39 0.00	63.28 2.50 0.00	59.28 2.39 0.00	47.07 1.83 0.00	46.88 1.87 0.00	41.15 1.61 0.00
TEALLAVE_115KV_TB7 355573	37.08 -0.88 0.00	34.58 -0.82 0.00	37.32 -0.93 0.00	36.81 -0.94 0.00	37.73 -0.95 0.00	37.76 -0.92 0.00	41.93 -0.95 0.00	49.89 -1.09 0.00	45.04 -0.97 0.00	40.79 -0.91 0.00	42.81 -0.98 0.00	45.97 -1.07 0.00	40.97 -1.03 0.00	40.79 -1.05 0.00	40.08 -0.98 0.00	47.97 -1.15 0.00	46.86 -1.10 0.00	55.46 -1.19 0.00	47.52 -0.96 0.00	59.54 -1.23 0.00	55.64 -1.26 0.00	44.24 -0.99 0.00	43.99 -1.02 0.00	38.59 -0.96 0.00
TELGRAPH_34_KV_EAST 80808	35.43 -2.52 0.00	33.15 -2.25 0.00	35.81 -2.45 0.00	35.27 -2.48 0.00	36.14 -2.54 0.00	36.08 -2.59 0.00	39.77 -3.12 0.00	46.92 -4.05 0.00	42.66 -3.36 0.00	38.65 -3.05 0.00	40.40 -3.39 0.00	43.16 -3.88 0.00	37.52 -3.72 0.76	37.80 -3.86 0.18	36.51 -3.76 0.80	44.61 -4.51 0.00	40.00 -4.56 3.40	51.05 -5.26 0.35	43.04 -4.60 0.83	55.51 -5.26 0.00	51.65 -5.24 0.00	41.46 -3.77 0.00	41.47 -3.54 0.00	36.47 -3.07 0.00
TEMPLE___115KV_TB 2 55572	37.07 -0.88 0.00	34.57 -0.82 0.00	37.32 -0.94 0.00	36.80 -0.95 0.00	37.72 -0.96 0.00	37.75 -0.92 0.00	41.92 -0.97 0.00	49.86 -1.12 0.00	45.03 -0.98 0.00	40.78 -0.91 0.00	42.79 -0.99 0.00	45.96 -1.08 0.00	40.97 -1.03 0.00	40.79 -1.05 0.00	40.07 -0.99 0.00	47.96 -1.16 0.00	46.86 -1.10 0.00	55.46 -1.19 0.00	47.52 -0.96 0.00	59.53 -1.24 0.00	55.63 -1.27 0.00	44.24 -0.99 0.00	43.99 -1.02 0.00	38.59 -0.96 0.00
TIANA____69_KV_BK 1 55817	39.36 1.40 0.00	36.83 1.44 0.00	39.28 1.03 0.00	38.44 0.69 0.00	37.23 0.27 1.72	39.77 1.10 0.00	44.90 2.01 0.00	52.75 1.77 0.00	1.03 0.55 45.54	17.24 0.44 24.89	-28.89 0.52 73.19	-18.26 1.33 66.64	1.19 1.41 42.22	14.64 1.58 28.77	19.48 1.30 22.88	33.32 1.84 17.64	105.88 3.48 -54.44	158.26 3.56 -98.04	171.32 2.96 -119.90	30.93 2.09 31.94	50.94 2.81 8.77	47.89 2.66 0.00	47.65 2.64 0.00	41.56 2.01 0.00
TILDEN___115KV_TB1 80814	37.29 -0.66 0.00	34.79 -0.61 0.00	37.55 -0.71 0.00	37.03 -0.73 0.00	37.95 -0.73 0.00	37.97 -0.70 0.00	42.19 -0.70 0.00	50.20 -0.78 0.00	45.31 -0.70 0.00	41.02 -0.67 0.00	43.06 -0.72 0.00	46.24 -0.80 0.00	41.44 -0.80 -0.24	41.02 -0.83 -0.01	40.49 -0.76 -0.18	48.26 -0.86 0.00	48.23 -0.81 -1.08	55.85 -0.81 0.00	47.85 -0.63 0.00	59.95 -0.83 0.00	56.02 -0.88 0.00	44.54 -0.69 0.00	44.28 -0.73 0.00	38.83 -0.72 0.00

TRIGEN___CC 323695	39.71 1.76 0.00	36.98 1.59 0.00	39.77 1.52 0.00	39.15 1.40 0.00	40.07 1.39 0.00	40.21 1.54 0.00	44.92 2.03 0.00	53.55 2.57 0.00	48.15 2.14 0.00	43.65 1.96 0.00	45.84 2.06 0.00	49.75 2.71 0.00	44.57 2.57 0.00	44.50 2.67 0.00	43.50 2.44 0.00	53.44 3.01 -1.31	105.55 3.15 -54.44	158.39 3.69 -98.04	171.76 3.39 -119.90	64.48 3.70 0.00	60.28 3.39 0.00	47.88 2.65 0.00	47.65 2.64 0.00	41.70 2.15 0.00
TRINITY___115KV___4 BK 55933	38.72 0.77 0.00	36.12 0.72 0.00	39.03 0.78 0.00	38.50 0.76 0.00	39.43 0.75 0.00	39.34 0.67 0.00	43.42 0.53 0.00	51.53 0.55 0.00	46.58 0.57 0.00	42.29 0.60 0.00	44.41 0.62 0.00	47.67 0.63 0.00	42.59 0.60 0.00	42.52 0.69 0.00	41.72 0.66 0.00	49.92 0.80 0.00	48.91 0.95 0.00	57.84 1.18 0.00	49.62 1.15 0.00	61.91 1.13 0.00	58.04 1.14 0.00	46.12 0.89 0.00	45.91 0.90 0.00	40.40 0.86 0.00
UNION___PROCESSING_DRP 323587	36.07 -1.89 0.00	33.69 -1.72 0.00	36.37 -1.88 0.00	35.86 -1.89 0.00	36.76 -1.92 0.00	36.76 -1.91 0.00	40.71 -2.18 0.00	48.24 -2.74 0.00	43.68 -2.33 0.00	39.60 -2.10 0.00	41.49 -2.30 0.00	44.42 -2.62 0.00	38.92 -2.53 0.55	39.23 -2.58 0.03	38.11 -2.54 0.42	46.13 -2.99 0.00	42.41 -3.07 2.47	53.23 -3.43 0.00	45.48 -3.00 0.00	57.35 -3.42 0.00	53.43 -3.46 0.00	42.65 -2.59 0.00	42.50 -2.52 0.00	37.33 -2.22 0.00
UPPER HUDSON___HYD 24058	39.99 2.04 0.00	37.29 1.89 0.00	40.46 2.21 0.00	39.92 2.17 0.00	40.91 2.24 0.00	40.89 2.23 0.00	45.66 2.77 0.00	54.18 3.20 0.00	48.93 2.93 0.00	44.39 2.70 0.00	46.52 2.74 0.00	49.87 2.83 0.00	44.51 2.52 0.00	44.62 2.79 0.00	43.74 2.67 0.00	52.42 3.30 0.00	51.25 3.29 0.00	60.80 4.15 0.00	52.07 3.59 0.00	65.07 4.29 0.00	60.89 3.99 0.00	48.45 3.22 0.00	49.01 4.00 0.00	43.26 3.71 0.00
UPPER RAQUET___HYD 24056	39.21 1.25 0.00	36.59 1.19 0.00	39.67 1.42 0.00	39.42 1.66 0.00	40.33 1.65 0.00	40.11 1.43 0.00	44.24 1.35 0.00	52.67 1.69 0.00	47.44 1.43 0.00	42.75 1.05 0.00	44.96 1.18 0.00	48.35 1.31 0.00	43.65 1.65 0.00	43.39 1.56 0.00	42.59 1.53 0.00	50.99 1.87 0.00	49.58 1.62 0.00	58.11 1.45 0.00	49.01 0.53 0.00	61.96 1.18 0.00	58.04 1.15 0.00	46.35 1.12 0.00	46.19 1.18 0.00	40.62 1.07 0.00
VALLEY44_115KV_TB2 355964	36.66 -1.29 0.00	34.29 -1.11 0.00	37.15 -1.10 0.00	36.65 -1.10 0.00	37.39 -1.29 0.00	37.23 -1.44 0.00	40.92 -1.97 0.00	48.53 -2.45 0.00	43.67 -2.34 0.00	39.51 -2.18 0.00	41.33 -2.45 0.00	44.50 -2.54 0.00	38.33 -2.52 1.14	39.27 -2.42 0.15	37.66 -2.38 1.03	46.43 -2.69 0.00	40.00 -2.78 5.18	53.02 -3.41 0.23	45.12 -2.80 0.55	57.58 -3.20 0.00	53.76 -3.13 0.00	43.27 -1.96 0.00	43.49 -1.52 0.00	38.09 -1.46 0.00
VALLEY___115KV_TB 1-4 80826	38.23 0.28 0.00	35.52 0.12 0.00	38.22 -0.04 0.00	37.72 -0.03 0.00	38.58 -0.10 0.00	38.59 -0.08 0.00	42.86 -0.03 0.00	50.89 -0.09 0.00	45.99 -0.02 0.00	41.80 0.11 0.00	43.87 0.09 0.00	47.30 0.26 0.00	42.12 0.12 0.00	41.98 0.14 0.00	41.07 0.01 0.00	49.16 0.04 0.00	47.88 -0.07 0.00	56.98 0.32 0.00	49.16 0.69 0.00	61.41 0.63 0.00	57.40 0.51 0.00	45.55 0.32 0.00	45.23 0.22 0.00	39.71 0.16 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.54 1.59 0.00	36.85 1.45 0.00	39.80 1.55 0.00	39.26 1.51 0.00	40.20 1.52 0.00	40.23 1.56 0.00	44.79 1.90 0.00	53.34 2.36 0.00	48.23 2.22 0.00	43.69 2.00 0.00	45.85 2.07 0.00	49.30 2.26 0.00	43.94 1.95 0.00	43.75 1.92 0.00	42.89 1.82 0.00	51.29 2.17 0.00	50.19 2.23 0.00	59.46 2.80 0.00	50.98 2.51 0.00	63.79 3.02 0.00	59.64 2.74 0.00	47.39 2.16 0.00	47.15 2.14 0.00	41.33 1.78 0.00
VISCHER___FERRY HYD 24020	39.20 1.24 0.00	36.55 1.15 0.00	39.59 1.34 0.00	39.04 1.29 0.00	40.00 1.32 0.00	39.92 1.25 0.00	44.29 1.40 0.00	52.56 1.58 0.00	47.48 1.47 0.00	43.08 1.39 0.00	45.24 1.46 0.00	48.53 1.49 0.00	43.35 1.35 0.00	43.29 1.46 0.00	42.51 1.44 0.00	50.85 1.73 0.00	49.75 1.79 0.00	58.87 2.21 0.00	50.52 2.05 0.00	63.06 2.28 0.00	59.13 2.23 0.00	46.96 1.72 0.00	46.82 1.81 0.00	41.15 1.60 0.00
V_A_10_SYNC_DSASP 323832	35.13 -2.82 0.00	32.85 -2.55 0.00	35.49 -2.77 0.00	34.97 -2.78 0.00	35.83 -2.85 0.00	35.75 -2.92 0.00	39.39 -3.49 0.00	46.55 -4.43 0.00	42.21 -3.80 0.00	38.27 -3.42 0.00	40.02 -3.76 0.00	42.85 -4.19 0.00	37.32 -4.01 0.67	37.61 -4.08 0.15	36.36 -4.02 0.69	44.37 -4.74 0.00	40.04 -4.87 3.04	50.79 -5.59 0.28	42.87 -4.93 0.67	55.06 -5.71 0.00	51.29 -5.60 0.00	41.14 -4.10 0.00	41.13 -3.88 0.00	36.21 -3.34 0.00
V_CMM_10_SYNC_DSASP 323787	38.70 0.75 0.00	36.14 0.74 0.00	39.18 0.93 0.00	38.76 1.01 0.00	39.72 1.04 0.00	39.70 1.03 0.00	43.94 1.05 0.00	52.16 1.18 0.00	47.05 1.04 0.00	42.60 0.91 0.00	44.79 1.00 0.00	48.05 1.01 0.00	42.96 0.97 0.00	42.76 0.92 0.00	41.98 0.91 0.00	50.19 1.08 0.00	48.80 0.84 0.00	57.42 0.77 0.00	48.72 0.25 0.00	61.53 0.76 0.00	57.67 0.77 0.00	45.87 0.64 0.00	45.64 0.63 0.00	40.17 0.62 0.00
V_CMP_10_SYNC_DSASP 323788	39.50 1.55 0.00	36.96 1.56 0.00	40.47 2.21 0.00	39.71 1.96 0.00	40.62 1.94 0.00	40.48 1.81 0.00	44.74 1.85 0.00	52.94 1.97 0.00	47.49 1.48 0.00	42.84 1.15 0.00	45.47 1.68 0.00	48.65 1.61 0.00	43.84 1.85 0.00	43.74 1.90 0.00	42.92 1.86 0.00	51.02 1.90 0.00	49.31 1.36 0.00	56.72 0.06 0.00	47.65 -0.82 0.00	60.04 -0.74 0.00	56.44 -0.46 0.00	44.72 -0.51 0.00	44.59 -0.42 0.00	39.63 0.08 0.00
V_D_10_SYNC_DSASP 323841	38.82 0.87 0.00	36.23 0.83 0.00	39.27 1.02 0.00	39.12 1.36 0.00	40.11 1.43 0.00	40.07 1.40 0.00	44.34 1.45 0.00	52.65 1.68 0.00	47.47 1.46 0.00	42.96 1.27 0.00	45.17 1.39 0.00	48.46 1.42 0.00	43.39 1.40 0.00	43.17 1.34 0.00	42.39 1.33 0.00	50.71 1.59 0.00	49.29 1.34 0.00	57.99 1.33 0.00	49.16 0.69 0.00	62.10 1.32 0.00	58.19 1.29 0.00	46.31 1.08 0.00	46.09 1.07 0.00	40.56 1.01 0.00
V_E_10_SYNC_DSASP 323830	40.17 2.22 0.00	37.24 1.85 0.00	40.11 1.85 0.00	39.17 1.42 0.00	40.19 1.51 0.00	39.68 1.01 0.00	44.31 1.42 0.00	52.79 1.81 0.00	47.95 1.94 0.00	42.74 1.05 0.00	44.77 0.99 0.00	48.29 1.25 0.00	44.22 0.83 -1.40	42.46 0.51 -0.11	43.51 1.30 -1.15	50.33 1.21 0.00	55.20 0.90 -6.34	59.27 2.51 -0.10	50.99 2.29 -0.22	62.94 2.17 0.00	58.95 2.05 0.00	46.89 1.66 0.00	46.63 1.62 0.00	40.98 1.43 0.00
V_F_30_NSYNC___DSASP 323816	39.80 1.85 0.00	37.10 1.71 0.00	40.20 1.94 0.00	39.65 1.90 0.00	40.64 1.96 0.00	40.62 1.95 0.00	45.21 2.32 0.00	53.66 2.69 0.00	48.45 2.44 0.00	43.96 2.27 0.00	46.12 2.33 0.00	49.49 2.44 0.00	44.17 2.17 0.00	44.15 2.32 0.00	43.30 2.23 0.00	51.86 2.75 0.00	50.77 2.82 0.00	60.13 3.47 0.00	51.57 3.09 0.00	64.40 3.63 0.00	60.32 3.43 0.00	47.90 2.66 0.00	47.93 2.92 0.00	42.16 2.62 0.00

V_F_30_SYNC_DSASP 323786	38.80 0.84 0.00	36.19 0.79 0.00	39.09 0.83 0.00	38.58 0.82 0.00	39.49 0.81 0.00	39.42 0.75 0.00	43.51 0.62 0.00	51.65 0.67 0.00	46.70 0.69 0.00	42.40 0.70 0.00	44.50 0.72 0.00	47.81 0.76 0.00	42.70 0.71 0.00	42.62 0.78 0.00	41.80 0.74 0.00	50.02 0.90 0.00	49.04 1.08 0.00	57.98 1.32 0.00	49.75 1.28 0.00	62.07 1.29 0.00	58.15 1.26 0.00	46.21 0.97 0.00	45.99 0.97 0.00	40.46 0.91 0.00
V_XM_10_SYNC_DSASP 323789	39.50 1.55 0.00	36.96 1.56 0.00	40.47 2.21 0.00	39.71 1.96 0.00	40.62 1.94 0.00	40.48 1.81 0.00	44.74 1.85 0.00	52.94 1.97 0.00	47.49 1.48 0.00	42.84 1.15 0.00	45.47 1.68 0.00	48.65 1.61 0.00	43.84 1.85 0.00	43.74 1.90 0.00	42.92 1.86 0.00	51.02 1.90 0.00	49.31 1.36 0.00	56.72 0.06 0.00	47.65 -0.82 0.00	60.04 -0.74 0.00	56.44 -0.46 0.00	44.72 -0.51 0.00	44.59 -0.42 0.00	39.63 0.08 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.18 1.23 0.00	36.48 1.08 0.00	39.35 1.09 0.00	38.81 1.06 0.00	39.74 1.07 0.00	39.76 1.09 0.00	44.26 1.37 0.00	52.83 1.85 0.00	47.69 1.68 0.00	43.27 1.58 0.00	45.42 1.64 0.00	49.04 2.00 0.00	43.90 1.90 0.00	43.79 1.96 0.00	42.90 1.84 0.00	51.28 2.16 0.00	50.23 2.27 0.00	59.33 2.67 0.00	51.04 2.56 0.00	63.51 2.74 0.00	59.50 2.61 0.00	47.23 2.00 0.00	47.02 2.01 0.00	41.28 1.74 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.33 1.38 0.00	36.64 1.24 0.00	39.46 1.21 0.00	38.91 1.16 0.00	39.84 1.15 0.00	39.89 1.21 0.00	44.46 1.57 0.00	53.10 2.12 0.00	47.93 1.92 0.00	43.50 1.81 0.00	45.69 1.91 0.00	49.45 2.41 0.00	44.28 2.29 0.00	44.17 2.33 0.00	43.27 2.20 0.00	51.72 2.60 0.00	50.65 2.70 0.00	59.79 3.13 0.00	51.40 2.93 0.00	63.92 3.15 0.00	59.88 2.99 0.00	47.55 2.32 0.00	47.32 2.30 0.00	41.50 1.95 0.00
W50THST__13_KV_LOAD 356117	39.48 1.53 0.00	36.76 1.36 0.00	39.60 1.35 0.00	39.04 1.29 0.00	39.96 1.28 0.00	40.03 1.36 0.00	44.61 1.73 0.00	53.31 2.33 0.00	48.13 2.12 0.00	43.70 2.00 0.00	45.90 2.12 0.00	49.65 2.61 0.00	44.47 2.48 0.00	44.35 2.52 0.00	43.46 2.40 0.00	51.93 2.82 0.00	50.86 2.91 0.00	60.04 3.38 0.00	51.61 3.14 0.00	64.16 3.39 0.00	60.09 3.20 0.00	47.73 2.49 0.00	47.48 2.46 0.00	41.65 2.10 0.00
WADING RIVER_IC_1 23522	39.07 1.11 0.00	36.55 1.15 0.00	39.00 0.75 0.00	38.21 0.46 0.00	37.25 0.16 1.60	39.66 0.99 0.00	44.83 1.94 0.00	52.68 1.70 0.00	4.15 0.43 42.29	18.91 0.32 23.11	-23.84 0.35 67.97	-13.60 1.25 61.89	4.13 1.35 39.21	16.60 1.49 26.72	21.01 1.20 21.25	34.54 1.71 16.28	105.82 3.42 -54.44	158.23 3.53 -98.04	171.34 2.97 -119.90	32.97 1.85 29.66	51.31 2.56 8.15	47.71 2.48 0.00	47.53 2.51 0.00	41.47 1.93 0.00
WADING RIVER_IC_2 23547	39.07 1.11 0.00	36.55 1.15 0.00	39.00 0.75 0.00	38.21 0.46 0.00	37.25 0.16 1.60	39.66 0.99 0.00	44.83 1.94 0.00	52.68 1.70 0.00	4.15 0.43 42.29	18.91 0.32 23.11	-23.84 0.35 67.97	-13.60 1.25 61.89	4.13 1.35 39.21	16.60 1.49 26.72	21.01 1.20 21.25	34.54 1.71 16.28	105.82 3.42 -54.44	158.23 3.53 -98.04	171.34 2.97 -119.90	32.97 1.85 29.66	51.31 2.56 8.15	47.71 2.48 0.00	47.53 2.51 0.00	41.47 1.93 0.00
WADING RIVER_IC_3 23601	39.07 1.11 0.00	36.55 1.15 0.00	39.00 0.75 0.00	38.21 0.46 0.00	37.25 0.16 1.60	39.66 0.99 0.00	44.83 1.94 0.00	52.68 1.70 0.00	4.15 0.43 42.29	18.91 0.32 23.11	-23.84 0.35 67.97	-13.60 1.25 61.89	4.13 1.35 39.21	16.60 1.49 26.72	21.01 1.20 21.25	34.54 1.71 16.28	105.82 3.42 -54.44	158.23 3.53 -98.04	171.34 2.97 -119.90	32.97 1.85 29.66	51.31 2.56 8.15	47.71 2.48 0.00	47.53 2.51 0.00	41.47 1.93 0.00
WALDENNY_12_KV_BK2 80841	35.87 -2.09 0.00	33.51 -1.89 0.00	36.21 -2.05 0.00	35.64 -2.11 0.00	36.44 -2.24 0.00	36.36 -2.31 0.00	40.08 -2.81 0.00	47.30 -3.68 0.00	42.93 -3.08 0.00	38.89 -2.80 0.00	40.59 -3.19 0.00	43.45 -3.59 0.00	37.54 -3.52 0.94	37.95 -3.62 0.27	36.49 -3.51 1.06	44.97 -4.15 0.00	39.46 -4.25 4.24	51.24 -4.87 0.55	42.90 -4.27 1.30	55.96 -4.81 0.00	52.11 -4.78 0.00	41.88 -3.35 0.00	41.94 -3.07 0.00	36.85 -2.70 0.00
WALDEN__HYDRO 24148	39.16 1.21 0.00	36.47 1.07 0.00	39.35 1.09 0.00	38.81 1.06 0.00	39.76 1.08 0.00	39.78 1.11 0.00	44.30 1.41 0.00	52.83 1.85 0.00	47.73 1.72 0.00	43.29 1.60 0.00	45.43 1.65 0.00	49.01 1.96 0.00	43.86 1.86 0.00	43.74 1.90 0.00	42.81 1.75 0.00	51.16 2.04 0.00	50.14 2.19 0.00	59.29 2.63 0.00	51.00 2.52 0.00	63.53 2.76 0.00	59.51 2.61 0.00	47.23 2.00 0.00	46.99 1.98 0.00	41.22 1.68 0.00
WARRENSBURG____ 23737	39.99 2.04 0.00	37.29 1.89 0.00	40.46 2.21 0.00	39.92 2.17 0.00	40.91 2.24 0.00	40.89 2.23 0.00	45.66 2.77 0.00	54.18 3.20 0.00	48.93 2.93 0.00	44.39 2.70 0.00	46.52 2.74 0.00	49.87 2.83 0.00	44.51 2.52 0.00	44.62 2.79 0.00	43.74 2.67 0.00	52.42 3.30 0.00	51.25 3.29 0.00	60.80 4.15 0.00	52.07 3.59 0.00	65.07 4.29 0.00	60.89 3.99 0.00	48.45 3.22 0.00	49.01 4.00 0.00	43.26 3.71 0.00
WATERSIDE____6 8 9 23538	33.35 1.52 6.12	32.66 1.37 4.11	35.97 1.34 3.63	39.06 1.31 0.00	39.99 1.31 0.00	38.88 1.38 1.17	35.27 1.69 9.31	41.91 2.30 11.36	41.35 2.12 6.78	29.96 1.98 13.72	32.09 2.10 13.79	36.57 2.57 13.04	30.31 2.41 14.09	30.16 2.45 14.12	29.07 2.31 14.31	58.18 2.70 -6.36	60.61 2.79 -9.86	70.45 3.18 -10.61	53.55 2.97 -2.10	67.31 3.22 -3.32	55.29 3.06 4.67	34.17 2.42 13.48	33.86 2.39 13.53	35.66 2.05 5.93
WATKINRD_115KV_LN8_ILLION 55919	38.15 0.19 0.00	35.50 0.10 0.00	38.26 0.01 0.00	37.76 0.01 0.00	38.65 -0.03 0.00	38.67 0.00 0.00	42.94 0.05 0.00	51.02 0.04 0.00	46.08 0.07 0.00	41.83 0.13 0.00	43.89 0.10 0.00	47.24 0.20 0.00	42.09 0.10 0.00	41.95 0.12 0.00	41.09 0.03 0.00	49.18 0.06 0.00	48.02 0.07 0.00	57.03 0.37 0.00	49.07 0.59 0.00	61.29 0.51 0.00	57.33 0.44 0.00	45.52 0.28 0.00	45.25 0.24 0.00	39.72 0.18 0.00
WATSON__69_KV_BK 1 55734	40.33 2.38 0.00	37.57 2.17 0.00	40.34 2.08 0.00	39.63 1.87 0.00	40.52 1.85 0.00	40.81 2.14 0.00	45.70 2.81 0.00	54.38 3.40 0.00	48.66 2.65 0.00	44.07 2.37 0.00	46.23 2.45 0.00	50.43 3.38 0.00	45.20 3.20 0.00	45.19 3.36 0.00	44.07 3.01 0.00	54.30 3.88 -1.31	106.72 4.33 -54.44	159.66 4.95 -98.04	172.81 4.44 -119.90	65.62 4.84 0.00	61.37 4.48 0.00	48.74 3.51 0.00	48.45 3.44 0.00	42.26 2.72 0.00
WDELAWARE__HYD 323627	38.61 0.66 0.00	35.94 0.55 0.00	38.81 0.55 0.00	38.27 0.52 0.00	39.23 0.54 0.00	39.29 0.62 0.00	43.82 0.93 0.00	52.27 1.30 0.00	47.19 1.18 0.00	42.84 1.15 0.00	44.94 1.16 0.00	48.44 1.40 0.00	43.39 1.39 0.00	43.21 1.38 0.00	42.17 1.11 0.00	50.43 1.31 0.00	49.50 1.55 0.00	58.53 1.87 0.00	50.41 1.94 0.00	62.81 2.04 0.00	58.83 1.94 0.00	46.65 1.42 0.00	46.38 1.37 0.00	40.66 1.11 0.00

WEST BABYLON___IC 23714	40.22 2.27 0.00	37.47 2.07 0.00	40.25 2.00 0.00	39.55 1.80 0.00	40.46 1.78 0.00	40.69 2.02 0.00	45.49 2.60 0.00	54.14 3.16 0.00	48.53 2.52 0.00	43.95 2.26 0.00	46.11 2.33 0.00	50.24 3.20 0.00	45.03 3.03 0.00	45.00 3.17 0.00	43.93 2.87 0.00	54.16 3.74 -1.31	106.46 4.06 -54.44	159.41 4.70 -98.04	172.62 4.25 -119.90	65.45 4.67 0.00	61.20 4.30 0.00	48.60 3.37 0.00	48.33 3.32 0.00	42.18 2.63 0.00
WEST CANADA___HYD 24049	38.01 0.06 0.00	35.43 0.04 0.00	38.26 0.00 0.00	37.75 0.00 0.00	38.68 0.00 0.00	38.67 0.00 0.00	42.89 0.00 0.00	50.98 0.00 0.00	46.00 0.00 0.00	41.69 0.00 0.00	43.78 0.00 0.00	47.08 0.04 0.00	42.01 0.01 0.00	41.85 0.02 0.00	41.06 -0.01 0.00	49.11 -0.01 0.00	48.00 0.05 0.00	56.75 0.09 0.00	48.63 0.16 0.00	60.89 0.11 0.00	56.99 0.09 0.00	45.29 0.06 0.00	45.07 0.06 0.00	39.57 0.03 0.00
WESTERN_NY_WIND 24143	36.18 -1.78 0.00	33.80 -1.60 0.00	36.51 -1.74 0.00	35.96 -1.80 0.00	36.88 -1.80 0.00	36.87 -1.80 0.00	40.79 -2.10 0.00	48.22 -2.76 0.00	43.77 -2.23 0.00	39.63 -2.06 0.00	41.48 -2.30 0.00	44.32 -2.72 0.00	38.55 -2.72 0.73	38.86 -2.81 0.16	37.53 -2.78 0.75	45.78 -3.34 0.00	41.38 -3.32 3.25	52.70 -3.66 0.30	44.58 -3.17 0.72	57.22 -3.56 0.00	53.21 -3.68 0.00	42.60 -2.64 0.00	42.50 -2.51 0.00	37.34 -2.21 0.00
WESTOVER___LESR 323668	37.42 -0.53 0.00	34.87 -0.53 0.00	37.69 -0.56 0.00	37.13 -0.62 0.00	37.96 -0.72 0.00	37.97 -0.70 0.00	42.15 -0.75 0.00	50.15 -0.83 0.00	45.24 -0.77 0.00	40.88 -0.81 0.00	42.90 -0.88 0.00	46.19 -0.85 0.00	40.56 -0.97 0.46	40.83 -0.98 0.03	39.80 -0.91 0.36	48.09 -1.02 0.00	44.86 -1.00 2.10	55.69 -0.96 0.00	47.76 -0.71 0.00	59.88 -0.90 0.00	55.99 -0.91 0.00	44.63 -0.61 0.00	44.45 -0.57 0.00	38.94 -0.61 0.00
WETHRSFD_WT_PWR 323626	35.86 -2.09 0.00	33.47 -1.93 0.00	36.15 -2.11 0.00	35.59 -2.16 0.00	36.25 -2.43 0.00	35.97 -2.70 0.00	39.69 -3.20 0.00	46.74 -4.23 0.00	42.39 -3.62 0.00	38.22 -3.48 0.00	39.79 -4.00 0.00	42.38 -4.66 0.00	36.22 -4.51 1.26	36.40 -4.61 0.83	34.48 -4.41 2.17	43.93 -5.18 0.00	37.18 -5.05 5.72	48.99 -5.72 1.95	39.10 -4.74 4.63	55.36 -5.42 0.00	51.58 -5.32 0.00	41.57 -3.66 0.00	41.67 -3.34 0.00	36.47 -3.07 0.00
WHAVSTOR_138KV_BK127 55557	39.03 1.08 0.00	36.34 0.94 0.00	39.20 0.95 0.00	38.66 0.91 0.00	39.60 0.92 0.00	39.59 0.92 0.00	44.04 1.16 0.00	52.56 1.58 0.00	47.44 1.43 0.00	43.05 1.36 0.00	45.19 1.40 0.00	48.79 1.75 0.00	43.69 1.70 0.00	43.59 1.75 0.00	42.71 1.64 0.00	51.03 1.91 0.00	49.97 2.02 0.00	59.02 2.37 0.00	50.77 2.30 0.00	63.17 2.40 0.00	59.20 2.30 0.00	47.00 1.76 0.00	46.82 1.80 0.00	41.11 1.57 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.03 1.08 0.00	36.34 0.94 0.00	39.20 0.95 0.00	38.66 0.91 0.00	39.60 0.92 0.00	39.59 0.92 0.00	44.04 1.16 0.00	52.56 1.58 0.00	47.44 1.43 0.00	43.05 1.36 0.00	45.19 1.40 0.00	48.79 1.75 0.00	43.69 1.70 0.00	43.59 1.75 0.00	42.71 1.64 0.00	51.03 1.91 0.00	49.97 2.02 0.00	59.02 2.37 0.00	50.77 2.30 0.00	63.17 2.40 0.00	59.20 2.30 0.00	47.00 1.76 0.00	46.82 1.80 0.00	41.11 1.57 0.00
WHITEHAL_115KV_TB1 80871	40.67 2.72 0.00	37.94 2.54 0.00	41.39 3.14 0.00	40.87 3.12 0.00	41.81 3.13 0.00	41.55 2.88 0.00	46.70 3.81 0.00	55.11 4.13 0.00	49.66 3.66 0.00	45.07 3.37 0.00	47.54 3.76 0.00	50.62 3.57 0.00	45.30 3.30 0.00	45.66 3.83 0.00	44.87 3.80 0.00	53.72 4.61 0.00	52.50 4.55 0.00	62.52 5.86 0.00	53.56 5.08 0.00	67.18 6.41 0.00	62.81 5.92 0.00	49.75 4.52 0.00	49.71 4.69 0.00	44.02 4.48 0.00
WHITEPLN_13_KV_LOAD 356215	39.69 1.74 0.00	36.95 1.55 0.00	39.83 1.57 0.00	39.27 1.52 0.00	40.22 1.54 0.00	40.28 1.61 0.00	44.93 2.05 0.00	53.67 2.70 0.00	48.46 2.45 0.00	43.97 2.27 0.00	46.18 2.39 0.00	49.86 2.82 0.00	44.61 2.61 0.00	44.50 2.66 0.00	43.61 2.55 0.00	52.16 3.04 0.00	51.06 3.11 0.00	60.36 3.71 0.00	51.90 3.43 0.00	64.56 3.78 0.00	60.44 3.54 0.00	47.95 2.71 0.00	47.70 2.69 0.00	41.82 2.28 0.00
WM_FLOYD_69_KV_BK2 356380	39.30 1.34 0.00	36.76 1.36 0.00	39.24 0.98 0.00	38.46 0.71 0.00	37.08 0.45 2.05	39.82 1.14 0.00	44.95 2.05 0.00	52.96 1.98 0.00	-7.45 0.88 54.34	12.73 0.73 29.70	-42.77 0.77 87.33	-30.80 1.67 79.52	-6.69 1.70 50.38	9.35 1.86 34.33	15.30 1.54 27.30	29.95 2.14 21.30	105.94 3.55 -54.44	158.39 3.69 -98.04	171.52 3.16 -119.90	25.14 2.48 38.11	49.52 3.10 10.47	48.08 2.84 0.00	47.83 2.81 0.00	41.72 2.17 0.00
WOODARD___115KV_TB2 355635	37.12 -0.83 0.00	34.63 -0.77 0.00	37.38 -0.88 0.00	36.85 -0.90 0.00	37.77 -0.91 0.00	37.80 -0.87 0.00	41.97 -0.91 0.00	49.94 -1.04 0.00	45.09 -0.93 0.00	40.81 -0.88 0.00	42.84 -0.94 0.00	46.00 -1.04 0.00	41.01 -0.98 0.00	40.82 -1.01 0.00	40.12 -0.94 0.00	48.01 -1.11 0.00	46.90 -1.06 0.00	55.52 -1.14 0.00	47.57 -0.91 0.00	59.61 -1.17 0.00	55.69 -1.21 0.00	44.28 -0.95 0.00	44.02 -0.99 0.00	38.61 -0.93 0.00
YORK___WARBASSE 23770	70.24 1.76 -30.53	57.52 1.59 -20.52	57.98 1.63 -18.10	39.32 1.57 0.00	40.27 1.59 0.00	46.21 1.69 -5.85	91.35 2.02 -46.44	110.33 2.69 -56.67	82.31 2.48 -33.82	112.76 2.31 -68.76	115.04 2.44 -68.82	115.04 2.93 -65.07	115.04 2.74 -70.30	115.05 2.77 -70.44	115.05 2.63 -71.35	115.06 3.08 -62.86	114.34 3.11 -63.27	113.64 3.56 -53.42	78.57 3.24 -26.86	88.91 3.57 -24.56	83.58 3.40 -23.29	115.22 2.76 -67.23	115.24 2.72 -67.51	71.45 2.31 -29.60