

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/28/2024

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	37.55	38.26	44.92	39.84	32.91	37.93	37.68	32.13	33.41	35.48	47.53	45.25	35.33	33.16	32.45	33.43	38.96	39.70	42.25	37.29	33.26	31.72	30.68	26.59
24138	2.02	1.92	2.33	2.05	1.68	1.91	1.90	1.70	1.82	1.95	2.88	2.83	2.13	2.05	2.01	2.04	1.79	2.57	2.41	1.95	1.76	1.62	1.45	1.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.71	0.00	-0.01	-0.05	-10.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	37.65	38.37	45.07	39.97	33.01	38.04	37.77	32.20	33.49	35.55	47.62	45.33	35.39	33.22	32.54	33.51	39.04	39.80	42.36	37.39	33.34	31.80	30.77	26.66
24260	2.11	2.03	2.47	2.17	1.77	2.02	1.99	1.78	1.90	2.02	2.97	2.91	2.19	2.11	2.09	2.11	1.87	2.67	2.52	2.06	1.84	1.71	1.53	1.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.71	0.00	-0.01	-0.05	-10.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	37.65	38.37	45.07	39.97	33.01	38.04	37.77	32.20	33.49	35.55	47.62	45.33	35.39	33.22	32.54	33.51	39.04	39.80	42.36	37.39	33.34	31.80	30.77	26.66
24261	2.11	2.03	2.47	2.17	1.77	2.02	1.99	1.78	1.90	2.02	2.97	2.91	2.19	2.11	2.09	2.11	1.87	2.67	2.52	2.06	1.84	1.71	1.53	1.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.71	0.00	-0.01	-0.05	-10.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	37.47	38.28	44.82	39.82	32.93	37.97	37.83	32.27	33.52	35.59	47.27	44.94	35.50	32.99	32.27	33.33	41.71	39.71	42.42	37.48	33.37	31.73	30.72	26.66
24011	1.94	1.94	2.22	2.03	1.69	1.94	2.05	1.84	1.93	2.05	2.63	2.52	1.85	1.89	1.83	1.92	1.77	2.58	2.59	2.15	1.87	1.64	1.49	1.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.17	0.00	-0.01	-0.07	-13.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	37.68	38.52	45.05	40.02	33.11	38.17	38.04	32.45	33.69	35.75	47.47	45.13	35.64	33.15	32.42	33.47	41.86	39.93	42.66	37.68	33.54	31.86	30.84	26.80
23798	2.15	2.18	2.45	2.22	1.88	2.15	2.27	2.02	2.10	2.22	2.82	2.70	1.98	2.04	1.97	2.06	1.91	2.80	2.82	2.34	2.04	1.77	1.61	1.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.17	0.00	-0.01	-0.07	-13.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	37.47	38.28	44.82	39.82	32.93	37.97	37.83	32.27	33.52	35.59	47.27	44.94												

ALBANY___2 23572	36.77 1.24 0.00	37.52 1.18 0.00	44.02 1.42 0.00	39.07 1.28 0.00	32.31 1.08 0.00	37.25 1.23 0.00	37.00 1.22 0.00	31.50 1.07 0.00	32.72 1.13 0.00	34.70 1.16 0.00	46.04 1.39 0.00	43.46 1.04 0.00	34.41 0.82 -2.10	31.97 0.87 0.00	31.33 0.88 -0.01	32.27 0.86 -0.07	40.31 0.76 -12.68	38.26 1.13 0.00	40.83 1.00 0.00	36.13 0.79 0.00	32.28 0.78 0.00	30.80 0.71 0.00	29.86 0.62 0.00	25.96 0.55 0.00
ALBANY___3 23573	36.77 1.24 0.00	37.52 1.18 0.00	44.02 1.42 0.00	39.07 1.28 0.00	32.31 1.08 0.00	37.25 1.23 0.00	37.00 1.22 0.00	31.50 1.07 0.00	32.72 1.13 0.00	34.70 1.16 0.00	46.04 1.39 0.00	43.46 1.04 0.00	34.41 0.82 -2.10	31.97 0.87 0.00	31.33 0.88 -0.01	32.27 0.86 -0.07	40.31 0.76 -12.68	38.26 1.13 0.00	40.83 1.00 0.00	36.13 0.79 0.00	32.28 0.78 0.00	30.80 0.71 0.00	29.86 0.62 0.00	25.96 0.55 0.00
ALBANY___4 23574	36.77 1.24 0.00	37.52 1.18 0.00	44.02 1.42 0.00	39.07 1.28 0.00	32.31 1.08 0.00	37.25 1.23 0.00	37.00 1.22 0.00	31.50 1.07 0.00	32.72 1.13 0.00	34.70 1.16 0.00	46.04 1.39 0.00	43.46 1.04 0.00	34.41 0.82 -2.10	31.97 0.87 0.00	31.33 0.88 -0.01	32.27 0.86 -0.07	40.31 0.76 -12.68	38.26 1.13 0.00	40.83 1.00 0.00	36.13 0.79 0.00	32.28 0.78 0.00	30.80 0.71 0.00	29.86 0.62 0.00	25.96 0.55 0.00
ALBANY___LFGE 323615	37.03 1.49 0.00	37.78 1.44 0.00	44.32 1.72 0.00	39.35 1.56 0.00	32.53 1.29 0.00	37.52 1.49 0.00	37.26 1.48 0.00	31.73 1.30 0.00	32.97 1.38 0.00	34.97 1.43 0.00	46.41 1.76 0.00	43.88 1.45 0.00	34.74 1.13 -2.12	32.27 1.16 0.00	31.61 1.16 -0.01	32.57 1.16 -0.07	40.70 1.03 -12.79	38.65 1.52 0.00	41.23 1.40 0.00	36.48 1.15 0.00	32.58 1.08 0.00	31.08 0.99 0.00	30.11 0.88 0.00	26.16 0.76 0.00
ALCOA_PA_115KV_PL-6C 55860	36.05 0.52 0.00	36.91 0.57 0.00	43.23 0.64 0.00	38.32 0.53 0.00	31.64 0.40 0.00	36.47 0.45 0.00	36.27 0.49 0.00	30.97 0.54 0.00	31.98 0.39 0.00	34.01 0.48 0.00	45.25 0.61 0.00	42.97 0.55 0.00	31.57 0.06 -0.02	29.45 -1.66 0.00	28.69 -1.75 0.00	29.37 -1.97 0.00	26.07 -0.97 -0.17	36.94 -0.19 0.00	40.04 0.21 0.00	35.72 0.38 0.00	31.76 0.26 0.00	30.38 0.28 0.00	29.74 0.50 0.00	25.90 0.50 0.00
ALCOA_RYNLDS___DRP 24188	36.05 0.52 0.00	36.91 0.57 0.00	43.23 0.64 0.00	38.32 0.53 0.00	31.64 0.40 0.00	36.47 0.45 0.00	36.27 0.49 0.00	30.97 0.54 0.00	31.98 0.39 0.00	34.01 0.48 0.00	45.25 0.61 0.00	42.97 0.55 0.00	31.57 0.06 -0.02	29.45 -1.66 0.00	28.69 -1.75 0.00	29.37 -1.97 0.00	26.07 -0.97 -0.17	36.94 -0.19 0.00	40.04 0.21 0.00	35.72 0.38 0.00	31.76 0.26 0.00	30.38 0.28 0.00	29.74 0.50 0.00	25.90 0.50 0.00
ALCOA___DSASP 323711	36.05 0.52 0.00	36.91 0.57 0.00	43.24 0.64 0.00	38.32 0.53 0.00	31.64 0.40 0.00	36.47 0.45 0.00	36.27 0.49 0.00	30.97 0.54 0.00	31.99 0.39 0.00	34.01 0.48 0.00	45.25 0.61 0.00	42.97 0.55 0.00	31.57 0.06 -0.02	29.45 -1.66 0.00	28.69 -1.75 0.00	29.37 -1.97 0.00	26.07 -0.97 -0.17	36.94 -0.19 0.00	40.04 0.21 0.00	35.72 0.38 0.00	31.76 0.26 0.00	30.38 0.28 0.00	29.74 0.50 0.00	25.90 0.50 0.00
ALLEGHENY___COGEN 23514	33.94 -1.59 0.00	35.07 -1.27 0.00	40.95 -1.64 0.00	36.22 -1.57 0.00	30.06 -1.18 0.00	34.75 -1.27 0.00	34.75 -1.47 -0.45	49.90 -1.51 -20.98	30.06 -1.53 0.00	31.67 -1.87 0.00	41.73 -2.92 0.00	39.73 -2.69 0.00	29.80 -1.99 -0.30	29.97 -1.14 0.00	29.24 -1.20 0.00	30.33 -1.03 -0.01	28.04 -0.61 -1.79	36.72 -0.41 0.00	38.98 -0.85 0.00	34.47 -0.86 0.00	30.60 -0.90 0.00	29.06 -1.03 0.00	28.18 -1.05 0.00	24.35 -1.05 0.00
ALTAMONT_115KV_TB 2 55880	36.63 1.10 0.00	37.40 1.06 0.00	43.88 1.28 0.00	38.94 1.15 0.00	32.19 0.95 0.00	37.12 1.09 0.00	36.86 1.08 0.00	31.37 0.94 0.00	32.60 1.01 0.00	34.57 1.04 0.00	46.00 1.35 0.00	43.62 1.20 0.00	34.51 0.92 -2.10	32.05 0.94 0.00	31.37 0.93 -0.01	32.35 0.94 -0.07	40.41 0.85 -12.69	38.38 1.25 0.00	40.98 1.15 0.00	36.27 0.93 0.00	32.37 0.87 0.00	30.88 0.79 0.00	29.94 0.70 0.00	26.00 0.59 0.00
ALTONA_WT_PWR 323606	36.32 0.79 0.00	37.19 0.85 0.00	43.44 0.84 0.00	38.47 0.67 0.00	31.77 0.54 0.00	36.65 0.63 0.00	36.54 0.77 0.00	31.11 0.68 0.00	32.22 0.62 0.00	34.24 0.70 0.00	45.59 0.94 0.00	43.28 0.86 0.00	31.88 0.39 0.00	29.76 -1.34 0.00	29.00 -1.44 0.00	29.68 -1.66 0.00	26.13 -0.75 0.00	37.20 0.07 0.00	40.15 0.31 0.00	35.88 0.54 0.00	31.83 0.33 0.00	30.44 0.35 0.00	29.63 0.40 0.00	25.83 0.42 0.00
AMERICAN_REF_FUEL 24010	30.87 -4.66 0.00	31.67 -4.67 0.00	37.01 -5.59 0.00	32.81 -4.98 0.00	27.19 -4.05 0.00	31.47 -4.55 0.00	30.91 -4.76 0.10	21.19 -4.54 4.71	26.53 -5.06 0.00	28.15 -5.39 0.00	37.51 -7.13 0.00	35.93 -6.49 0.00	27.37 -4.39 -0.27	27.69 -3.41 0.00	26.83 -3.60 0.00	27.85 -3.50 -0.01	25.26 -3.21 -1.60	32.70 -4.43 0.00	34.64 -5.20 0.00	30.81 -4.53 0.00	27.51 -3.99 0.00	26.21 -3.88 0.00	25.50 -3.74 0.00	22.08 -3.32 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.16 -4.37 0.00	31.90 -4.44 0.00	37.37 -5.23 0.00	33.22 -4.57 0.00	27.42 -3.82 0.00	31.89 -4.13 0.00	31.22 -4.45 0.10	21.10 -4.42 4.91	26.86 -4.73 0.00	28.72 -4.82 0.00	38.35 -6.30 0.00	37.08 -5.34 0.00	28.36 -3.43 -0.30	28.66 -2.45 0.00	27.95 -2.50 0.00	29.20 -2.15 -0.01	26.62 -2.04 -1.78	34.59 -2.54 0.00	36.07 -3.77 0.00	31.98 -3.36 0.00	28.63 -2.87 0.00	27.35 -2.74 0.00	26.65 -2.58 0.00	23.08 -2.32 0.00
ARTHUR KILL_GT_1 23520	58.43 2.05 -20.85	54.05 1.97 -15.74	54.07 2.43 -9.05	54.05 2.15 -14.11	54.03 1.74 -21.05	54.05 1.97 -16.06	53.78 1.94 -16.07	53.73 1.71 -21.59	53.88 1.81 -20.48	54.24 1.93 -18.77	102.84 2.85 -55.34	54.50 2.68 -9.39	57.50 2.03 -23.98	47.18 2.09 -13.98	47.24 2.04 -14.76	47.38 2.07 -13.97	48.77 1.86 -20.04	47.43 2.70 -7.60	73.58 2.44 -31.30	94.81 1.98 -57.49	87.77 1.74 -54.53	93.04 1.69 -61.25	50.04 1.55 -19.26	46.29 1.34 -19.55
ARTHUR_KILL_2 23512	58.32 1.94 -20.85	53.95 1.87 -15.74	53.95 2.30 -9.05	53.95 2.05 -14.11	53.95 1.66 -21.05	53.95 1.87 -16.06	53.68 1.84 -16.07	53.64 1.62 -21.59	53.79 1.72 -20.48	54.14 1.84 -18.77	102.70 2.72 -55.34	54.37 2.56 -9.39	57.41 1.93 -23.98	47.08 2.00 -13.98	47.14 1.94 -14.76	47.28 1.97 -13.97	48.68 1.77 -20.04	47.31 2.58 -7.60	73.45 2.31 -31.30	94.69 1.87 -57.49	87.67 1.64 -54.53	92.95 1.60 -61.25	49.95 1.46 -19.26	46.22 1.27 -19.55
ARTHUR_KILL_3 23513	59.14 1.66 -21.95	54.47 1.56 -16.57	54.05 1.92 -9.53	54.34 1.70 -14.86	54.77 1.37 -22.17	54.48 1.54 -16.91	54.20 1.52 -16.91	54.53 1.37 -22.73	54.57 1.47 -21.51	54.55 1.53 -19.48	104.01 2.32 -57.04	54.12 2.30 -9.40	57.44 1.73 -24.22	47.11 1.65 -14.35	47.03 1.63 -14.96	47.02 1.65 -14.04	48.55 1.46 -20.22	47.25 2.13 -8.00	74.74 1.95 -32.96	96.34 1.55 -59.46	87.42 1.38 -54.54	95.07 1.27 -63.70	49.74 1.11 -19.40	46.58 0.91 -20.27

ARTHUR_KILL_COGEN 323718	58.43 2.05 -20.85	54.05 1.97 -15.74	54.07 2.43 -9.05	54.05 2.15 -14.11	54.03 1.74 -21.05	54.05 1.97 -16.06	53.78 1.94 -16.07	53.73 1.71 -21.59	53.88 1.81 -20.48	54.24 1.93 -18.77	102.84 2.85 -55.34	54.50 2.68 -9.39	57.50 2.03 -23.98	47.18 2.09 -13.98	47.24 2.04 -14.76	47.38 2.07 -13.97	48.77 1.86 -20.04	47.43 2.70 -7.60	73.58 2.44 -31.30	94.81 1.98 -57.49	87.77 1.74 -54.53	93.04 1.69 -61.25	50.04 1.55 -19.26	46.29 1.34 -19.55
ASHOKAN____ 23654	38.81 3.28 0.00	39.49 3.15 0.00	46.32 3.72 0.00	41.03 3.24 0.00	33.91 2.67 0.00	39.13 3.11 0.00	38.90 3.12 0.00	33.22 2.79 0.00	34.62 3.03 0.00	36.81 3.27 0.00	49.11 4.46 0.00	46.61 4.19 0.00	36.37 2.99 -1.90	33.90 2.80 0.00	33.22 2.77 -0.01	34.32 2.92 -0.06	40.94 2.62 -11.45	41.18 4.05 0.00	43.86 4.02 0.00	38.68 3.35 0.00	34.43 2.94 0.00	32.78 2.69 0.00	31.64 2.41 0.00	27.34 1.93 0.00
ASTORIA_EAST_ENERGY_CC1 323581	37.37 1.84 0.00	38.07 1.73 0.00	44.75 2.15 0.00	39.67 1.88 0.00	32.77 1.54 0.00	37.76 1.74 0.00	37.49 1.72 0.00	31.95 1.53 0.00	33.26 1.67 0.00	35.25 1.72 0.00	47.24 2.59 0.00	44.94 2.52 0.00	35.14 1.95 -1.71	33.01 1.90 0.00	32.31 1.87 -0.01	33.31 1.91 -0.05	38.86 1.69 -10.30	39.54 2.41 0.00	42.06 2.22 0.00	37.16 1.82 0.00	33.17 1.67 0.00	31.61 1.52 0.00	30.60 1.37 0.00	26.50 1.10 0.00
ASTORIA_EAST_ENERGY_CC2 323582	37.37 1.84 0.00	38.07 1.73 0.00	44.75 2.15 0.00	39.67 1.88 0.00	32.77 1.54 0.00	37.76 1.74 0.00	37.49 1.72 0.00	31.95 1.53 0.00	33.26 1.67 0.00	35.25 1.72 0.00	47.24 2.59 0.00	44.94 2.52 0.00	35.14 1.95 -1.71	33.01 1.90 0.00	32.31 1.87 -0.01	33.31 1.91 -0.05	38.86 1.69 -10.30	39.54 2.41 0.00	42.06 2.22 0.00	37.16 1.82 0.00	33.17 1.67 0.00	31.61 1.52 0.00	30.60 1.37 0.00	26.50 1.10 0.00
ASTORIA_GT2_1 24094	37.39 1.86 0.00	38.07 1.73 0.00	44.78 2.18 0.00	39.69 1.90 0.00	32.79 1.55 0.00	37.78 1.76 0.00	37.51 1.73 0.00	31.97 1.54 0.00	33.28 1.69 0.00	35.26 1.73 0.00	47.27 2.62 0.00	44.97 2.55 0.00	35.16 1.96 -1.71	33.02 1.92 0.00	32.33 1.89 -0.01	33.31 1.92 -0.05	38.88 1.70 -10.30	39.56 2.43 0.00	42.08 2.24 0.00	37.18 1.85 0.00	33.19 1.69 0.00	31.63 1.54 0.00	30.62 1.39 0.00	26.51 1.11 0.00
ASTORIA_GT2_2 24095	37.39 1.86 0.00	38.07 1.73 0.00	44.78 2.18 0.00	39.69 1.90 0.00	32.79 1.55 0.00	37.78 1.76 0.00	37.51 1.73 0.00	31.97 1.54 0.00	33.28 1.69 0.00	35.26 1.73 0.00	47.27 2.62 0.00	44.97 2.55 0.00	35.16 1.96 -1.71	33.02 1.92 0.00	32.33 1.89 -0.01	33.31 1.92 -0.05	38.88 1.70 -10.30	39.56 2.43 0.00	42.08 2.24 0.00	37.18 1.85 0.00	33.19 1.69 0.00	31.63 1.54 0.00	30.62 1.39 0.00	26.51 1.11 0.00
ASTORIA_GT2_3 24096	37.39 1.86 0.00	38.07 1.73 0.00	44.78 2.18 0.00	39.69 1.90 0.00	32.79 1.55 0.00	37.78 1.76 0.00	37.51 1.73 0.00	31.97 1.54 0.00	33.28 1.69 0.00	35.26 1.73 0.00	47.27 2.62 0.00	44.97 2.55 0.00	35.16 1.96 -1.71	33.02 1.92 0.00	32.33 1.89 -0.01	33.31 1.92 -0.05	38.88 1.70 -10.30	39.56 2.43 0.00	42.08 2.24 0.00	37.18 1.85 0.00	33.19 1.69 0.00	31.63 1.54 0.00	30.62 1.39 0.00	26.51 1.11 0.00
ASTORIA_GT2_4 24097	37.39 1.86 0.00	38.07 1.73 0.00	44.78 2.18 0.00	39.69 1.90 0.00	32.79 1.55 0.00	37.78 1.76 0.00	37.51 1.73 0.00	31.97 1.54 0.00	33.28 1.69 0.00	35.26 1.73 0.00	47.27 2.62 0.00	44.97 2.55 0.00	35.16 1.96 -1.71	33.02 1.92 0.00	32.33 1.89 -0.01	33.31 1.92 -0.05	38.88 1.70 -10.30	39.56 2.43 0.00	42.08 2.24 0.00	37.18 1.85 0.00	33.19 1.69 0.00	31.63 1.54 0.00	30.62 1.39 0.00	26.51 1.11 0.00
ASTORIA_GT3_1 24098	37.39 1.86 0.00	38.07 1.73 0.00	44.78 2.18 0.00	39.69 1.90 0.00	32.79 1.55 0.00	37.78 1.76 0.00	37.51 1.73 0.00	31.97 1.54 0.00	33.28 1.69 0.00	35.26 1.73 0.00	47.27 2.62 0.00	44.97 2.55 0.00	35.16 1.96 -1.71	33.02 1.92 0.00	32.33 1.89 -0.01	33.31 1.92 -0.05	38.88 1.70 -10.30	39.56 2.43 0.00	42.08 2.24 0.00	37.18 1.85 0.00	33.19 1.69 0.00	31.63 1.54 0.00	30.62 1.39 0.00	26.51 1.11 0.00
ASTORIA_GT3_2 24099	37.39 1.86 0.00	38.07 1.73 0.00	44.78 2.18 0.00	39.69 1.90 0.00	32.79 1.55 0.00	37.78 1.76 0.00	37.51 1.73 0.00	31.97 1.54 0.00	33.28 1.69 0.00	35.26 1.73 0.00	47.27 2.62 0.00	44.97 2.55 0.00	35.16 1.96 -1.71	33.02 1.92 0.00	32.33 1.89 -0.01	33.31 1.92 -0.05	38.88 1.70 -10.30	39.56 2.43 0.00	42.08 2.24 0.00	37.18 1.85 0.00	33.19 1.69 0.00	31.63 1.54 0.00	30.62 1.39 0.00	26.51 1.11 0.00
ASTORIA_GT3_3 24100	37.39 1.86 0.00	38.07 1.73 0.00	44.78 2.18 0.00	39.69 1.90 0.00	32.79 1.55 0.00	37.78 1.76 0.00	37.51 1.73 0.00	31.97 1.54 0.00	33.28 1.69 0.00	35.26 1.73 0.00	47.27 2.62 0.00	44.97 2.55 0.00	35.16 1.96 -1.71	33.02 1.92 0.00	32.33 1.89 -0.01	33.31 1.92 -0.05	38.88 1.70 -10.30	39.56 2.43 0.00	42.08 2.24 0.00	37.18 1.85 0.00	33.19 1.69 0.00	31.63 1.54 0.00	30.62 1.39 0.00	26.51 1.11 0.00
ASTORIA_GT3_4 24101	37.39 1.86 0.00	38.07 1.73 0.00	44.78 2.18 0.00	39.69 1.90 0.00	32.79 1.55 0.00	37.78 1.76 0.00	37.51 1.73 0.00	31.97 1.54 0.00	33.28 1.69 0.00	35.26 1.73 0.00	47.27 2.62 0.00	44.97 2.55 0.00	35.16 1.96 -1.71	33.02 1.92 0.00	32.33 1.89 -0.01	33.31 1.92 -0.05	38.88 1.70 -10.30	39.56 2.43 0.00	42.08 2.24 0.00	37.18 1.85 0.00	33.19 1.69 0.00	31.63 1.54 0.00	30.62 1.39 0.00	26.51 1.11 0.00
ASTORIA_GT4_1 24102	37.39 1.86 0.00	38.07 1.73 0.00	44.78 2.18 0.00	39.69 1.90 0.00	32.79 1.55 0.00	37.78 1.76 0.00	37.51 1.73 0.00	31.97 1.54 0.00	33.28 1.69 0.00	35.26 1.73 0.00	47.27 2.62 0.00	44.97 2.55 0.00	35.16 1.96 -1.71	33.02 1.92 0.00	32.33 1.89 -0.01	33.31 1.92 -0.05	38.88 1.70 -10.30	39.56 2.43 0.00	42.08 2.24 0.00	37.18 1.85 0.00	33.19 1.69 0.00	31.63 1.54 0.00	30.62 1.39 0.00	26.51 1.11 0.00
ASTORIA_GT4_2 24103	37.39 1.86 0.00	38.07 1.73 0.00	44.78 2.18 0.00	39.69 1.90 0.00	32.79 1.55 0.00	37.78 1.76 0.00	37.51 1.73 0.00	31.97 1.54 0.00	33.28 1.69 0.00	35.26 1.73 0.00	47.27 2.62 0.00	44.97 2.55 0.00	35.16 1.96 -1.71	33.02 1.92 0.00	32.33 1.89 -0.01	33.31 1.92 -0.05	38.88 1.70 -10.30	39.56 2.43 0.00	42.08 2.24 0.00	37.18 1.85 0.00	33.19 1.69 0.00	31.63 1.54 0.00	30.62 1.39 0.00	26.51 1.11 0.00
ASTORIA_GT4_3 24104	37.39 1.86 0.00	38.07 1.73 0.00	44.78 2.18 0.00	39.69 1.90 0.00	32.79 1.55 0.00	37.78 1.76 0.00	37.51 1.73 0.00	31.97 1.54 0.00	33.28 1.69 0.00	35.26 1.73 0.00	47.27 2.62 0.00	44.97 2.55 0.00	35.16 1.96 -1.71	33.02 1.92 0.00	32.33 1.89 -0.01	33.31 1.92 -0.05	38.88 1.70 -10.30	39.56 2.43 0.00	42.08 2.24 0.00	37.18 1.85 0.00	33.19 1.69 0.00	31.63 1.54 0.00	30.62 1.39 0.00	26.51 1.11 0.00

ASTORIA_GT4_4 24105	37.39 1.86 0.00	38.07 1.73 0.00	44.78 2.18 0.00	39.69 1.90 0.00	32.79 1.55 0.00	37.78 1.76 0.00	37.51 1.73 0.00	31.97 1.54 0.00	33.28 1.69 0.00	35.26 1.73 0.00	47.27 2.62 0.00	44.97 2.55 0.00	35.16 1.96 -1.71	33.02 1.92 0.00	32.33 1.89 -0.01	33.31 1.92 -0.05	38.88 1.70 -10.30	39.56 2.43 0.00	42.08 2.24 0.00	37.18 1.85 0.00	33.19 1.69 0.00	31.63 1.54 0.00	30.62 1.39 0.00	26.51 1.11 0.00
ASTORIA_GT_1 23523	37.45 1.92 0.00	38.15 1.81 0.00	44.83 2.24 0.00	39.74 1.95 0.00	32.84 1.60 0.00	37.83 1.81 0.00	37.57 1.79 0.00	32.02 1.59 0.00	33.34 1.75 0.00	35.32 1.79 0.00	47.35 2.70 0.00	45.06 2.63 0.00	35.22 2.02 -1.71	33.09 1.99 0.00	32.39 1.95 -0.01	33.39 1.99 -0.05	38.93 1.76 -10.30	39.64 2.51 0.00	42.16 2.32 0.00	37.25 1.92 0.00	33.25 1.75 0.00	31.69 1.60 0.00	30.66 1.43 0.00	26.56 1.16 0.00
ASTORIA_GT_10 24110	37.52 1.99 0.00	38.24 1.90 0.00	44.92 2.32 0.00	39.83 2.03 0.00	32.89 1.66 0.00	37.90 1.88 0.00	37.62 1.84 0.00	32.08 1.65 0.00	33.37 1.78 0.00	35.41 1.87 0.00	47.43 2.78 0.00	45.13 2.71 0.00	35.24 2.04 -1.71	33.07 1.97 0.00	32.39 1.94 -0.01	33.35 1.96 -0.05	38.89 1.71 -10.30	39.58 2.45 0.00	42.12 2.29 0.00	37.20 1.86 0.00	33.19 1.69 0.00	31.67 1.57 0.00	30.64 1.41 0.00	26.57 1.16 0.00
ASTORIA_GT_11 24225	37.52 1.99 0.00	38.24 1.90 0.00	44.92 2.32 0.00	39.83 2.03 0.00	32.89 1.66 0.00	37.90 1.88 0.00	37.62 1.84 0.00	32.08 1.65 0.00	33.37 1.78 0.00	35.41 1.87 0.00	47.43 2.78 0.00	45.13 2.71 0.00	35.24 2.04 -1.71	33.07 1.97 0.00	32.39 1.94 -0.01	33.35 1.96 -0.05	38.89 1.71 -10.30	39.58 2.45 0.00	42.12 2.29 0.00	37.20 1.86 0.00	33.19 1.69 0.00	31.67 1.57 0.00	30.64 1.41 0.00	26.57 1.16 0.00
ASTORIA_GT_12 24226	37.52 1.99 0.00	38.24 1.90 0.00	44.92 2.32 0.00	39.83 2.03 0.00	32.89 1.66 0.00	37.90 1.88 0.00	37.62 1.84 0.00	32.08 1.65 0.00	33.37 1.78 0.00	35.41 1.87 0.00	47.43 2.78 0.00	45.13 2.71 0.00	35.24 2.04 -1.71	33.07 1.97 0.00	32.39 1.94 -0.01	33.35 1.96 -0.05	38.89 1.71 -10.30	39.58 2.45 0.00	42.12 2.29 0.00	37.20 1.86 0.00	33.19 1.69 0.00	31.67 1.57 0.00	30.64 1.41 0.00	26.57 1.16 0.00
ASTORIA_GT_13 24227	37.52 1.99 0.00	38.24 1.90 0.00	44.92 2.32 0.00	39.83 2.03 0.00	32.89 1.66 0.00	37.90 1.88 0.00	37.62 1.84 0.00	32.08 1.65 0.00	33.37 1.78 0.00	35.41 1.87 0.00	47.43 2.78 0.00	45.13 2.71 0.00	35.24 2.04 -1.71	33.07 1.97 0.00	32.39 1.94 -0.01	33.35 1.96 -0.05	38.89 1.71 -10.30	39.58 2.45 0.00	42.12 2.29 0.00	37.20 1.86 0.00	33.19 1.69 0.00	31.67 1.57 0.00	30.64 1.41 0.00	26.57 1.16 0.00
ASTORIA_GT_5 24106	37.45 1.92 0.00	38.14 1.80 0.00	44.84 2.24 0.00	39.74 1.95 0.00	32.83 1.60 0.00	37.83 1.81 0.00	37.56 1.79 0.00	32.03 1.60 0.00	33.34 1.75 0.00	35.33 1.79 0.00	47.35 2.70 0.00	45.06 2.64 0.00	35.22 2.03 -1.71	33.09 1.99 0.00	32.39 1.95 -0.01	33.38 1.99 -0.05	38.93 1.76 -10.30	39.63 2.50 0.00	42.16 2.32 0.00	37.25 1.92 0.00	33.25 1.75 0.00	31.69 1.60 0.00	30.67 1.44 0.00	26.56 1.16 0.00
ASTORIA_GT_7 24107	37.45 1.92 0.00	38.14 1.80 0.00	44.84 2.24 0.00	39.74 1.95 0.00	32.83 1.60 0.00	37.83 1.81 0.00	37.56 1.79 0.00	32.03 1.60 0.00	33.34 1.75 0.00	35.33 1.79 0.00	47.35 2.70 0.00	45.06 2.64 0.00	35.22 2.03 -1.71	33.09 1.99 0.00	32.39 1.95 -0.01	33.38 1.99 -0.05	38.93 1.76 -10.30	39.63 2.50 0.00	42.16 2.32 0.00	37.25 1.92 0.00	33.25 1.75 0.00	31.69 1.60 0.00	30.67 1.44 0.00	26.56 1.16 0.00
ASTORIA_GT_8 24108	37.45 1.92 0.00	38.14 1.80 0.00	44.84 2.24 0.00	39.74 1.95 0.00	32.83 1.60 0.00	37.83 1.81 0.00	37.56 1.79 0.00	32.03 1.60 0.00	33.34 1.75 0.00	35.33 1.79 0.00	47.35 2.70 0.00	45.06 2.64 0.00	35.22 2.03 -1.71	33.09 1.99 0.00	32.39 1.95 -0.01	33.38 1.99 -0.05	38.93 1.76 -10.30	39.63 2.50 0.00	42.16 2.32 0.00	37.25 1.92 0.00	33.25 1.75 0.00	31.69 1.60 0.00	30.67 1.44 0.00	26.56 1.16 0.00
ASTORIA___2 24149	37.39 1.86 0.00	38.08 1.74 0.00	44.77 2.17 0.00	39.69 1.90 0.00	32.79 1.55 0.00	37.78 1.76 0.00	37.51 1.74 0.00	31.97 1.54 0.00	33.28 1.69 0.00	35.26 1.73 0.00	47.28 2.63 0.00	44.98 2.56 0.00	35.16 1.96 -1.71	33.03 1.92 0.00	32.33 1.88 -0.01	33.32 1.92 -0.05	38.88 1.70 -10.30	39.56 2.44 0.00	42.08 2.24 0.00	37.18 1.85 0.00	33.19 1.69 0.00	31.63 1.54 0.00	30.61 1.38 0.00	26.51 1.11 0.00
ASTORIA___3 23516	37.52 1.99 0.00	38.24 1.90 0.00	44.92 2.32 0.00	39.83 2.04 0.00	32.89 1.66 0.00	37.90 1.88 0.00	37.62 1.84 0.00	32.07 1.64 0.00	33.37 1.78 0.00	35.41 1.87 0.00	47.43 2.78 0.00	45.13 2.71 0.00	35.24 2.04 -1.71	33.08 1.97 0.00	32.39 1.94 -0.01	33.36 1.97 -0.05	38.89 1.71 -10.30	39.58 2.45 0.00	42.11 2.28 0.00	37.19 1.85 0.00	33.18 1.69 0.00	31.66 1.57 0.00	30.63 1.40 0.00	26.57 1.16 0.00
ASTORIA___4 23517	37.51 1.99 0.00	38.24 1.90 0.00	44.92 2.32 0.00	39.83 2.03 0.00	32.89 1.65 0.00	37.90 1.88 0.00	37.62 1.84 0.00	32.08 1.65 0.00	33.37 1.78 0.00	35.41 1.87 0.00	47.43 2.78 0.00	45.13 2.71 0.00	35.24 2.04 -1.71	33.07 1.97 0.00	32.39 1.94 -0.01	33.35 1.96 -0.05	38.89 1.71 -10.30	39.58 2.45 0.00	42.12 2.29 0.00	37.20 1.86 0.00	33.19 1.69 0.00	31.67 1.57 0.00	30.64 1.41 0.00	26.57 1.16 0.00
ASTORIA___5 23518	37.52 1.99 0.00	38.24 1.90 0.00	44.92 2.32 0.00	39.83 2.04 0.00	32.89 1.66 0.00	37.90 1.88 0.00	37.62 1.84 0.00	32.07 1.64 0.00	33.37 1.78 0.00	35.41 1.87 0.00	47.43 2.78 0.00	45.13 2.71 0.00	35.24 2.04 -1.71	33.08 1.97 0.00	32.39 1.94 -0.01	33.36 1.97 -0.05	38.89 1.71 -10.30	39.58 2.45 0.00	42.11 2.28 0.00	37.19 1.85 0.00	33.18 1.69 0.00	31.66 1.57 0.00	30.63 1.40 0.00	26.57 1.16 0.00
AST_ENERGY_2_CC3 323677	37.25 1.72 0.00	37.98 1.64 0.00	44.64 2.04 0.00	39.59 1.80 0.00	32.70 1.46 0.00	37.67 1.65 0.00	37.40 1.62 0.00	31.87 1.44 0.00	33.13 1.55 0.00	35.15 1.62 0.00	47.12 2.47 0.00	44.87 2.45 0.00	35.06 1.86 -1.71	32.86 1.75 0.00	32.17 1.73 -0.01	33.14 1.74 -0.05	38.71 1.54 -10.30	39.35 2.22 0.00	41.88 2.04 0.00	36.97 1.64 0.00	32.97 1.47 0.00	31.46 1.37 0.00	30.44 1.20 0.00	26.38 0.98 0.00
AST_ENERGY_2_CC4 323678	37.25 1.72 0.00	37.98 1.64 0.00	44.64 2.04 0.00	39.59 1.80 0.00	32.70 1.46 0.00	37.67 1.65 0.00	37.40 1.62 0.00	31.87 1.44 0.00	33.13 1.55 0.00	35.15 1.62 0.00	47.12 2.47 0.00	44.87 2.45 0.00	35.06 1.86 -1.71	32.86 1.75 0.00	32.17 1.73 -0.01	33.14 1.74 -0.05	38.71 1.54 -10.30	39.35 2.22 0.00	41.88 2.04 0.00	36.97 1.64 0.00	32.97 1.47 0.00	31.46 1.37 0.00	30.44 1.20 0.00	26.38 0.98 0.00

ATHENS_STG_1 23668	36.65 1.12 0.00	37.41 1.07 0.00	43.91 1.31 0.00	38.95 1.16 0.00	32.19 0.96 0.00	37.12 1.10 0.00	36.84 1.07 0.00	31.36 0.94 0.00	32.60 1.01 0.00	34.59 1.05 0.00	46.09 1.44 0.00	43.79 1.37 0.00	34.44 1.05 -1.91	32.17 1.07 0.00	31.49 1.05 -0.01	32.46 1.06 -0.06	39.31 0.95 -11.49	38.51 1.38 0.00	41.09 1.25 0.00	36.34 1.00 0.00	32.42 0.92 0.00	30.94 0.85 0.00	29.99 0.75 0.00	26.04 0.64 0.00
ATHENS_STG_2 23670	36.65 1.12 0.00	37.41 1.07 0.00	43.91 1.31 0.00	38.95 1.16 0.00	32.19 0.96 0.00	37.12 1.10 0.00	36.84 1.07 0.00	31.36 0.94 0.00	32.60 1.01 0.00	34.59 1.05 0.00	46.09 1.44 0.00	43.79 1.37 0.00	34.44 1.05 -1.91	32.17 1.07 0.00	31.49 1.05 -0.01	32.46 1.06 -0.06	39.31 0.95 -11.49	38.51 1.38 0.00	41.09 1.25 0.00	36.34 1.00 0.00	32.42 0.92 0.00	30.94 0.85 0.00	29.99 0.75 0.00	26.04 0.64 0.00
ATHENS_STG_3 23677	36.65 1.12 0.00	37.41 1.07 0.00	43.91 1.31 0.00	38.95 1.16 0.00	32.19 0.96 0.00	37.12 1.10 0.00	36.84 1.07 0.00	31.36 0.94 0.00	32.60 1.01 0.00	34.59 1.05 0.00	46.09 1.44 0.00	43.79 1.37 0.00	34.44 1.05 -1.91	32.17 1.07 0.00	31.49 1.05 -0.01	32.46 1.06 -0.06	39.31 0.95 -11.49	38.51 1.38 0.00	41.09 1.25 0.00	36.34 1.00 0.00	32.42 0.92 0.00	30.94 0.85 0.00	29.99 0.75 0.00	26.04 0.64 0.00
AUBURN___LFGE 323710	34.77 -0.76 0.00	35.53 -0.81 0.00	41.61 -0.99 0.00	37.00 -0.79 0.00	30.58 -0.66 0.00	35.25 -0.77 0.00	34.98 -0.79 0.00	29.70 -0.73 0.00	30.97 -0.62 0.00	32.72 -0.81 0.00	43.46 -1.19 0.00	41.31 -1.12 0.00	31.01 -0.69 -0.22	30.72 -0.39 0.00	30.06 -0.38 0.00	31.03 -0.32 -0.01	27.96 -0.21 -1.30	36.85 -0.28 0.00	39.32 -0.52 0.00	34.74 -0.59 0.00	31.00 -0.50 0.00	29.65 -0.44 0.00	28.81 -0.42 0.00	25.02 -0.38 0.00
BABYLON_RES_REC 323704	38.36 2.83 0.00	39.01 2.67 0.00	45.84 3.24 0.00	40.70 2.91 0.00	33.66 2.42 0.00	38.67 2.64 0.00	38.43 2.66 0.00	32.89 2.46 0.00	34.07 2.48 0.00	36.08 2.54 0.00	48.54 3.89 0.00	46.25 3.82 0.00	35.80 2.60 -1.71	33.72 2.61 0.00	33.08 2.64 -0.01	33.99 2.60 -0.05	39.43 2.26 -10.31	40.26 3.13 0.00	42.99 3.16 0.00	38.03 2.69 0.00	33.93 2.43 0.00	32.50 2.35 -0.05	31.31 2.07 0.00	27.10 1.69 0.00
BABYLON__69_KV_BK2 356345	38.83 3.30 0.00	39.45 3.11 0.00	46.35 3.76 0.00	41.15 3.36 0.00	34.04 2.81 0.00	39.11 3.08 0.00	38.86 3.09 0.00	33.29 2.86 0.00	34.48 2.89 0.00	36.50 2.96 0.00	49.13 4.49 0.00	46.83 4.41 0.00	36.21 3.01 -1.71	34.13 3.02 0.00	33.53 3.08 -0.01	34.44 3.04 -0.05	39.81 2.63 -10.31	40.79 3.66 0.00	43.57 3.74 0.00	38.52 3.19 0.00	34.38 2.88 0.00	32.91 2.77 -0.05	31.69 2.46 0.00	27.40 2.00 0.00
BALL_HILL_WT_PWR 323825	31.69 -3.84 0.00	32.48 -3.86 0.00	37.95 -4.65 0.00	33.68 -4.11 0.00	27.88 -3.35 0.00	32.33 -3.69 0.00	31.65 -3.99 0.14	19.91 -3.93 6.59	27.31 -4.28 0.00	29.09 -4.44 0.00	38.80 -5.85 0.00	37.29 -5.13 0.00	28.40 -3.38 -0.28	28.67 -2.44 0.00	27.86 -2.58 0.00	28.98 -2.37 -0.01	26.38 -2.21 -1.72	34.26 -2.87 0.00	36.10 -3.74 0.00	32.02 -3.31 0.00	28.59 -2.91 0.00	27.23 -2.86 0.00	26.55 -2.69 0.00	22.98 -2.42 0.00
BARON_WINDS___WT_PWR 323822	33.04 -2.49 0.00	33.80 -2.54 0.00	39.52 -3.08 0.00	34.98 -2.82 0.00	29.04 -2.20 0.00	33.40 -2.62 0.00	31.97 -3.07 0.73	-6.63 -2.86 34.20	28.89 -2.70 0.00	30.59 -2.95 0.00	40.71 -3.94 0.00	38.93 -3.49 0.00	29.47 -2.40 -0.38	29.20 -1.91 0.00	28.53 -1.91 0.00	29.60 -1.76 -0.01	27.59 -1.56 -2.28	35.06 -2.07 0.00	37.15 -2.69 0.00	32.63 -2.70 0.00	29.14 -2.36 0.00	27.63 -2.46 0.00	26.94 -2.29 0.00	23.38 -2.02 0.00
BARRETT_IC_1 23704	37.85 2.32 0.00	38.56 2.22 0.00	45.25 2.66 0.00	40.17 2.37 0.00	33.21 1.98 0.00	38.19 2.16 0.00	37.88 2.11 0.00	32.39 1.96 0.00	33.60 2.01 0.00	35.61 2.07 0.00	47.91 3.26 0.00	45.66 3.24 0.00	35.39 2.19 -1.71	33.27 2.16 0.00	32.61 2.17 -0.01	33.53 2.14 -0.05	38.99 1.82 -10.31	39.55 2.42 0.00	42.20 2.37 0.00	37.32 1.99 0.00	33.33 1.83 0.00	31.93 1.79 -0.05	30.87 1.63 0.00	26.79 1.39 0.00
BARRETT_IC_10 23701	37.85 2.32 0.00	38.56 2.22 0.00	45.25 2.66 0.00	40.17 2.37 0.00	33.21 1.98 0.00	38.19 2.16 0.00	37.88 2.11 0.00	32.39 1.96 0.00	33.60 2.01 0.00	35.61 2.07 0.00	47.91 3.26 0.00	45.66 3.24 0.00	35.39 2.19 -1.71	33.27 2.16 0.00	32.61 2.17 -0.01	33.53 2.14 -0.05	38.99 1.82 -10.31	39.55 2.42 0.00	42.20 2.37 0.00	37.32 1.99 0.00	33.33 1.83 0.00	31.93 1.79 -0.05	30.87 1.63 0.00	26.79 1.39 0.00
BARRETT_IC_11 23702	37.85 2.32 0.00	38.56 2.22 0.00	45.25 2.66 0.00	40.17 2.37 0.00	33.21 1.98 0.00	38.19 2.16 0.00	37.88 2.11 0.00	32.39 1.96 0.00	33.60 2.01 0.00	35.61 2.07 0.00	47.91 3.26 0.00	45.66 3.24 0.00	35.39 2.19 -1.71	33.27 2.16 0.00	32.61 2.17 -0.01	33.53 2.14 -0.05	38.99 1.82 -10.31	39.55 2.42 0.00	42.20 2.37 0.00	37.32 1.99 0.00	33.33 1.83 0.00	31.93 1.79 -0.05	30.87 1.63 0.00	26.79 1.39 0.00
BARRETT_IC_12 23703	37.85 2.32 0.00	38.56 2.22 0.00	45.25 2.66 0.00	40.17 2.37 0.00	33.21 1.98 0.00	38.19 2.16 0.00	37.88 2.11 0.00	32.39 1.96 0.00	33.60 2.01 0.00	35.61 2.07 0.00	47.91 3.26 0.00	45.66 3.24 0.00	35.39 2.19 -1.71	33.27 2.16 0.00	32.61 2.17 -0.01	33.53 2.14 -0.05	38.99 1.82 -10.31	39.55 2.42 0.00	42.20 2.37 0.00	37.32 1.99 0.00	33.33 1.83 0.00	31.93 1.79 -0.05	30.87 1.63 0.00	26.79 1.39 0.00
BARRETT_IC_2 23705	37.85 2.32 0.00	38.56 2.22 0.00	45.25 2.66 0.00	40.17 2.37 0.00	33.21 1.98 0.00	38.19 2.16 0.00	37.88 2.11 0.00	32.39 1.96 0.00	33.60 2.01 0.00	35.61 2.07 0.00	47.91 3.26 0.00	45.66 3.24 0.00	35.39 2.19 -1.71	33.27 2.16 0.00	32.61 2.17 -0.01	33.53 2.14 -0.05	38.99 1.82 -10.31	39.55 2.42 0.00	42.20 2.37 0.00	37.32 1.99 0.00	33.33 1.83 0.00	31.93 1.79 -0.05	30.87 1.63 0.00	26.79 1.39 0.00
BARRETT_IC_3 23706	37.85 2.32 0.00	38.56 2.22 0.00	45.25 2.66 0.00	40.17 2.37 0.00	33.21 1.98 0.00	38.19 2.16 0.00	37.88 2.11 0.00	32.39 1.96 0.00	33.60 2.01 0.00	35.61 2.07 0.00	47.91 3.26 0.00	45.66 3.24 0.00	35.39 2.19 -1.71	33.27 2.16 0.00	32.61 2.17 -0.01	33.53 2.14 -0.05	38.99 1.82 -10.31	39.55 2.42 0.00	42.20 2.37 0.00	37.32 1.99 0.00	33.33 1.83 0.00	31.93 1.79 -0.05	30.87 1.63 0.00	26.79 1.39 0.00
BARRETT_IC_4 23707	37.85 2.32 0.00	38.56 2.22 0.00	45.25 2.66 0.00	40.17 2.37 0.00	33.21 1.98 0.00	38.19 2.16 0.00	37.88 2.11 0.00	32.39 1.96 0.00	33.60 2.01 0.00	35.61 2.07 0.00	47.91 3.26 0.00	45.66 3.24 0.00	35.39 2.19 -1.71	33.27 2.16 0.00	32.61 2.17 -0.01	33.53 2.14 -0.05	38.99 1.82 -10.31	39.55 2.42 0.00	42.20 2.37 0.00	37.32 1.99 0.00	33.33 1.83 0.00	31.93 1.79 -0.05	30.87 1.63 0.00	26.79 1.39 0.00

BARRETT_IC_5 23708	37.85 2.32 0.00	38.56 2.22 0.00	45.25 2.66 0.00	40.17 2.37 0.00	33.21 1.98 0.00	38.19 2.16 0.00	37.88 2.11 0.00	32.39 1.96 0.00	33.60 2.01 0.00	35.61 2.07 0.00	47.91 3.26 0.00	45.66 3.24 0.00	35.39 2.19 -1.71	33.27 2.16 0.00	32.61 2.17 -0.01	33.53 2.14 -0.05	38.99 1.82 -10.31	39.55 2.42 0.00	42.20 2.37 0.00	37.32 1.99 0.00	33.33 1.83 0.00	31.93 1.79 -0.05	30.87 1.63 0.00	26.79 1.39 0.00
BARRETT_IC_6 23709	37.85 2.32 0.00	38.56 2.22 0.00	45.25 2.66 0.00	40.17 2.37 0.00	33.21 1.98 0.00	38.19 2.16 0.00	37.88 2.11 0.00	32.39 1.96 0.00	33.60 2.01 0.00	35.61 2.07 0.00	47.91 3.26 0.00	45.66 3.24 0.00	35.39 2.19 -1.71	33.27 2.16 0.00	32.61 2.17 -0.01	33.53 2.14 -0.05	38.99 1.82 -10.31	39.55 2.42 0.00	42.20 2.37 0.00	37.32 1.99 0.00	33.33 1.83 0.00	31.93 1.79 -0.05	30.87 1.63 0.00	26.79 1.39 0.00
BARRETT_IC_7 23710	37.86 2.32 0.00	38.56 2.22 0.00	45.25 2.65 0.00	40.16 2.37 0.00	33.21 1.97 0.00	38.19 2.16 0.00	37.88 2.11 0.00	32.39 1.96 0.00	33.60 2.01 0.00	35.61 2.08 0.00	47.91 3.26 0.00	45.66 3.24 0.00	35.39 2.19 -1.71	33.26 2.15 0.00	32.62 2.17 -0.01	33.53 2.14 -0.05	39.00 1.82 -10.31	39.55 2.42 0.00	42.20 2.37 0.00	37.33 1.99 0.00	33.32 1.83 0.00	31.94 1.79 -0.05	30.87 1.63 0.00	26.79 1.39 0.00
BARRETT_IC_8 23711	37.85 2.32 0.00	38.56 2.22 0.00	45.25 2.66 0.00	40.17 2.37 0.00	33.21 1.98 0.00	38.19 2.16 0.00	37.88 2.11 0.00	32.39 1.96 0.00	33.60 2.01 0.00	35.61 2.07 0.00	47.91 3.26 0.00	45.66 3.24 0.00	35.39 2.19 -1.71	33.27 2.16 0.00	32.61 2.17 -0.01	33.53 2.14 -0.05	38.99 1.82 -10.31	39.55 2.42 0.00	42.20 2.37 0.00	37.32 1.99 0.00	33.33 1.83 0.00	31.93 1.79 -0.05	30.87 1.63 0.00	26.79 1.39 0.00
BARRETT_IC_9 23700	37.85 2.32 0.00	38.56 2.22 0.00	45.25 2.66 0.00	40.17 2.37 0.00	33.21 1.98 0.00	38.19 2.16 0.00	37.88 2.11 0.00	32.39 1.96 0.00	33.60 2.01 0.00	35.61 2.07 0.00	47.91 3.26 0.00	45.66 3.24 0.00	35.39 2.19 -1.71	33.27 2.16 0.00	32.61 2.17 -0.01	33.53 2.14 -0.05	38.99 1.82 -10.31	39.55 2.42 0.00	42.20 2.37 0.00	37.32 1.99 0.00	33.33 1.83 0.00	31.93 1.79 -0.05	30.87 1.63 0.00	26.79 1.39 0.00
BARRETT___1 23545	37.85 2.32 0.00	38.56 2.22 0.00	45.25 2.66 0.00	40.17 2.37 0.00	33.21 1.98 0.00	38.19 2.16 0.00	37.88 2.11 0.00	32.39 1.96 0.00	33.60 2.01 0.00	35.61 2.07 0.00	47.91 3.26 0.00	45.66 3.24 0.00	35.39 2.19 -1.71	33.27 2.16 0.00	32.61 2.17 -0.01	33.53 2.14 -0.05	38.99 1.82 -10.31	39.55 2.42 0.00	42.20 2.37 0.00	37.32 1.99 0.00	33.33 1.83 0.00	31.93 1.79 -0.05	30.87 1.63 0.00	26.79 1.39 0.00
BARRETT___2 23546	37.85 2.32 0.00	38.56 2.22 0.00	45.25 2.66 0.00	40.17 2.37 0.00	33.21 1.98 0.00	38.19 2.16 0.00	37.88 2.11 0.00	32.39 1.96 0.00	33.60 2.01 0.00	35.61 2.07 0.00	47.91 3.26 0.00	45.66 3.24 0.00	35.39 2.19 -1.71	33.27 2.16 0.00	32.61 2.17 -0.01	33.53 2.14 -0.05	38.99 1.82 -10.31	39.55 2.42 0.00	42.20 2.37 0.00	37.32 1.99 0.00	33.33 1.83 0.00	31.93 1.79 -0.05	30.87 1.63 0.00	26.79 1.39 0.00
BATAVIA__115KV_TB1 55881	32.71 -2.82 0.00	33.50 -2.84 0.00	39.15 -3.45 0.00	34.69 -3.10 0.00	28.74 -2.49 0.00	33.27 -2.75 0.00	32.81 -2.90 0.07	24.27 -2.93 3.24	28.36 -3.24 0.00	30.01 -3.52 0.00	40.03 -4.61 0.00	38.22 -4.20 0.00	28.75 -2.98 -0.24	29.13 -1.98 0.00	28.29 -2.15 0.00	29.44 -1.91 -0.01	26.66 -1.68 -1.47	34.84 -2.28 0.00	36.98 -2.86 0.00	32.81 -2.53 0.00	29.23 -2.27 0.00	27.82 -2.28 0.00	27.02 -2.22 0.00	23.36 -2.05 0.00
BAYONEEC___CTG1 323682	37.36 1.83 0.00	38.08 1.74 0.00	44.73 2.13 0.00	39.67 1.88 0.00	32.76 1.52 0.00	37.75 1.72 0.00	37.47 1.69 0.00	31.95 1.52 0.00	33.22 1.63 0.00	35.25 1.72 0.00	47.22 2.57 0.00	44.95 2.53 0.00	35.10 1.91 -1.71	32.94 1.83 0.00	32.25 1.81 -0.01	33.21 1.82 -0.05	38.79 1.61 -10.30	39.46 2.33 0.00	42.00 2.16 0.00	37.07 1.74 0.00	33.06 1.56 0.00	31.53 1.44 0.00	30.50 1.27 0.00	26.45 1.04 0.00
BAYONEEC___CTG10 323750	37.36 1.83 0.00	38.08 1.74 0.00	44.73 2.13 0.00	39.67 1.88 0.00	32.76 1.52 0.00	37.75 1.72 0.00	37.47 1.69 0.00	31.95 1.52 0.00	33.22 1.63 0.00	35.25 1.72 0.00	47.22 2.57 0.00	44.95 2.53 0.00	35.10 1.91 -1.71	32.94 1.83 0.00	32.25 1.81 -0.01	33.21 1.82 -0.05	38.79 1.61 -10.30	39.46 2.33 0.00	42.00 2.16 0.00	37.07 1.74 0.00	33.06 1.56 0.00	31.53 1.44 0.00	30.50 1.27 0.00	26.45 1.04 0.00
BAYONEEC___CTG2 323683	37.36 1.83 0.00	38.08 1.74 0.00	44.73 2.13 0.00	39.67 1.88 0.00	32.76 1.52 0.00	37.75 1.72 0.00	37.47 1.69 0.00	31.95 1.52 0.00	33.22 1.63 0.00	35.25 1.72 0.00	47.22 2.57 0.00	44.95 2.53 0.00	35.10 1.91 -1.71	32.94 1.83 0.00	32.25 1.81 -0.01	33.21 1.82 -0.05	38.79 1.61 -10.30	39.46 2.33 0.00	42.00 2.16 0.00	37.07 1.74 0.00	33.06 1.56 0.00	31.53 1.44 0.00	30.50 1.27 0.00	26.45 1.04 0.00
BAYONEEC___CTG3 323684	37.36 1.83 0.00	38.08 1.74 0.00	44.73 2.13 0.00	39.67 1.88 0.00	32.76 1.52 0.00	37.75 1.72 0.00	37.47 1.69 0.00	31.95 1.52 0.00	33.22 1.63 0.00	35.25 1.72 0.00	47.22 2.57 0.00	44.95 2.53 0.00	35.10 1.91 -1.71	32.94 1.83 0.00	32.25 1.81 -0.01	33.21 1.82 -0.05	38.79 1.61 -10.30	39.46 2.33 0.00	42.00 2.16 0.00	37.07 1.74 0.00	33.06 1.56 0.00	31.53 1.44 0.00	30.50 1.27 0.00	26.45 1.04 0.00
BAYONEEC___CTG4 323685	37.36 1.83 0.00	38.08 1.74 0.00	44.73 2.13 0.00	39.67 1.88 0.00	32.76 1.52 0.00	37.75 1.72 0.00	37.47 1.69 0.00	31.95 1.52 0.00	33.22 1.63 0.00	35.25 1.72 0.00	47.22 2.57 0.00	44.95 2.53 0.00	35.10 1.91 -1.71	32.94 1.83 0.00	32.25 1.81 -0.01	33.21 1.82 -0.05	38.79 1.61 -10.30	39.46 2.33 0.00	42.00 2.16 0.00	37.07 1.74 0.00	33.06 1.56 0.00	31.53 1.44 0.00	30.50 1.27 0.00	26.45 1.04 0.00
BAYONEEC___CTG5 323686	37.36 1.83 0.00	38.08 1.74 0.00	44.73 2.13 0.00	39.67 1.88 0.00	32.76 1.52 0.00	37.75 1.72 0.00	37.47 1.69 0.00	31.95 1.52 0.00	33.22 1.63 0.00	35.25 1.72 0.00	47.22 2.57 0.00	44.95 2.53 0.00	35.10 1.91 -1.71	32.94 1.83 0.00	32.25 1.81 -0.01	33.21 1.82 -0.05	38.79 1.61 -10.30	39.46 2.33 0.00	42.00 2.16 0.00	37.07 1.74 0.00	33.06 1.56 0.00	31.53 1.44 0.00	30.50 1.27 0.00	26.45 1.04 0.00
BAYONEEC___CTG6 323687	37.36 1.83 0.00	38.08 1.74 0.00	44.73 2.13 0.00	39.67 1.88 0.00	32.76 1.52 0.00	37.75 1.72 0.00	37.47 1.69 0.00	31.95 1.52 0.00	33.22 1.63 0.00	35.25 1.72 0.00	47.22 2.57 0.00	44.95 2.53 0.00	35.10 1.91 -1.71	32.94 1.83 0.00	32.25 1.81 -0.01	33.21 1.82 -0.05	38.79 1.61 -10.30	39.46 2.33 0.00	42.00 2.16 0.00	37.07 1.74 0.00	33.06 1.56 0.00	31.53 1.44 0.00	30.50 1.27 0.00	26.45 1.04 0.00

BAYONEEC___CTG7 323688	37.36 1.83 0.00	38.08 1.74 0.00	44.73 2.13 0.00	39.67 1.88 0.00	32.76 1.52 0.00	37.75 1.72 0.00	37.47 1.69 0.00	31.95 1.52 0.00	33.22 1.63 0.00	35.25 1.72 0.00	47.22 2.57 0.00	44.95 2.53 0.00	35.10 1.91 -1.71	32.94 1.83 0.00	32.25 1.81 -0.01	33.21 1.82 -0.05	38.79 1.61 -10.30	39.46 2.33 0.00	42.00 2.16 0.00	37.07 1.74 0.00	33.06 1.56 0.00	31.53 1.44 0.00	30.50 1.27 0.00	26.45 1.04 0.00
BAYONEEC___CTG8 323689	37.36 1.83 0.00	38.08 1.74 0.00	44.73 2.13 0.00	39.67 1.88 0.00	32.76 1.52 0.00	37.75 1.72 0.00	37.47 1.69 0.00	31.95 1.52 0.00	33.22 1.63 0.00	35.25 1.72 0.00	47.22 2.57 0.00	44.95 2.53 0.00	35.10 1.91 -1.71	32.94 1.83 0.00	32.25 1.81 -0.01	33.21 1.82 -0.05	38.79 1.61 -10.30	39.46 2.33 0.00	42.00 2.16 0.00	37.07 1.74 0.00	33.06 1.56 0.00	31.53 1.44 0.00	30.50 1.27 0.00	26.45 1.04 0.00
BAYONEEC___CTG9 323749	37.36 1.83 0.00	38.08 1.74 0.00	44.73 2.13 0.00	39.67 1.88 0.00	32.76 1.52 0.00	37.75 1.72 0.00	37.47 1.69 0.00	31.95 1.52 0.00	33.22 1.63 0.00	35.25 1.72 0.00	47.22 2.57 0.00	44.95 2.53 0.00	35.10 1.91 -1.71	32.94 1.83 0.00	32.25 1.81 -0.01	33.21 1.82 -0.05	38.79 1.61 -10.30	39.46 2.33 0.00	42.00 2.16 0.00	37.07 1.74 0.00	33.06 1.56 0.00	31.53 1.44 0.00	30.50 1.27 0.00	26.45 1.04 0.00
BEACON___LESR 323632	37.32 1.78 0.00	38.07 1.72 0.00	44.58 1.99 0.00	39.65 1.86 0.00	32.75 1.52 0.00	37.79 1.76 0.00	37.60 1.82 0.00	31.95 1.52 0.00	33.20 1.61 0.00	35.26 1.72 0.00	46.71 2.06 0.00	44.24 1.82 0.00	35.00 1.42 -2.10	32.54 1.43 0.00	31.87 1.42 -0.01	32.88 1.48 -0.07	40.82 1.28 -12.67	39.01 1.88 0.00	41.56 1.73 0.00	36.77 1.43 0.00	32.86 1.36 0.00	31.30 1.20 0.00	30.37 1.14 0.00	26.34 0.94 0.00
BEAVER RIVER___HYD 24048	35.32 -0.21 0.00	35.92 -0.42 0.00	42.44 -0.16 0.00	37.69 -0.10 0.00	31.13 -0.10 0.00	35.82 -0.21 0.00	35.48 -0.30 0.00	30.35 -0.08 0.00	31.56 -0.03 0.00	33.49 -0.04 0.00	44.05 -0.60 0.00	41.49 -0.93 0.00	30.87 -0.69 -0.07	30.13 -0.98 0.00	29.72 -0.72 0.00	30.37 -0.97 0.00	26.68 -0.59 -0.41	36.50 -0.63 0.00	39.05 -0.79 0.00	34.62 -0.72 0.00	30.88 -0.62 0.00	29.55 -0.54 0.00	28.83 -0.41 0.00	25.09 -0.31 0.00
BEEBEE_GT_13 23619	33.16 -2.37 0.00	33.95 -2.39 0.00	39.69 -2.91 0.00	35.20 -2.59 0.00	29.14 -2.10 0.00	33.69 -2.33 0.00	33.32 -2.45 0.00	28.00 -2.43 0.00	28.99 -2.60 0.00	30.76 -2.78 0.00	40.96 -3.68 0.00	39.09 -3.33 0.00	29.44 -2.26 -0.21	29.49 -1.62 0.00	28.71 -1.74 0.00	29.71 -1.64 -0.01	26.70 -1.44 -1.27	35.15 -1.98 0.00	37.40 -2.44 0.00	33.18 -2.15 0.00	29.56 -1.94 0.00	28.18 -1.91 0.00	27.39 -1.85 0.00	23.73 -1.68 0.00
BENSHRST_27_KV_BENSHRST_1 355998	58.72 2.34 -20.85	54.34 2.26 -15.74	54.39 2.74 -9.05	54.30 2.40 -14.11	54.25 1.96 -21.05	54.30 2.22 -16.06	54.03 2.19 -16.07	53.97 1.95 -21.59	54.15 2.08 -20.48	54.52 2.21 -18.77	103.23 3.25 -55.34	54.93 3.12 -9.39	57.83 2.36 -23.98	47.43 2.34 -13.98	47.49 2.29 -14.76	47.64 2.33 -13.97	48.96 2.05 -20.04	47.68 2.95 -7.60	73.93 2.79 -31.30	95.12 2.29 -57.49	88.08 2.05 -54.53	93.28 1.94 -61.25	50.26 1.76 -19.26	46.42 1.47 -19.55
BETHLEHEM___GRP 23843	36.77 1.24 0.00	37.52 1.18 0.00	44.02 1.42 0.00	39.07 1.28 0.00	32.31 1.08 0.00	37.25 1.23 0.00	37.00 1.22 0.00	31.50 1.07 0.00	32.72 1.13 0.00	34.70 1.16 0.00	46.04 1.39 0.00	43.46 1.04 0.00	34.41 0.82 -2.10	31.97 0.87 0.00	31.33 0.88 -0.01	32.27 0.86 -0.07	40.31 0.76 -12.68	38.26 1.13 0.00	40.83 1.00 0.00	36.13 0.79 0.00	32.28 0.78 0.00	30.80 0.71 0.00	29.86 0.62 0.00	25.96 0.55 0.00
BETHLEHEM___GS1 323560	36.77 1.24 0.00	37.52 1.18 0.00	44.02 1.42 0.00	39.09 1.29 0.00	32.31 1.07 0.00	37.26 1.23 0.00	37.00 1.22 0.00	31.50 1.07 0.00	32.72 1.13 0.00	34.70 1.16 0.00	46.04 1.39 0.00	43.46 1.04 0.00	34.41 0.82 -2.10	31.97 0.87 0.00	31.33 0.89 -0.01	32.26 0.86 -0.07	40.31 0.76 -12.68	38.26 1.13 0.00	40.83 1.00 0.00	36.13 0.79 0.00	32.28 0.78 0.00	30.80 0.71 0.00	29.85 0.62 0.00	25.96 0.55 0.00
BETHLEHEM___GS2 323561	36.77 1.24 0.00	37.52 1.18 0.00	44.02 1.42 0.00	39.09 1.29 0.00	32.31 1.07 0.00	37.26 1.23 0.00	37.00 1.22 0.00	31.50 1.07 0.00	32.72 1.13 0.00	34.70 1.16 0.00	46.04 1.39 0.00	43.46 1.04 0.00	34.41 0.82 -2.10	31.97 0.87 0.00	31.33 0.89 -0.01	32.26 0.86 -0.07	40.31 0.76 -12.68	38.26 1.13 0.00	40.83 1.00 0.00	36.13 0.79 0.00	32.28 0.78 0.00	30.80 0.71 0.00	29.85 0.62 0.00	25.96 0.55 0.00
BETHLEHEM___GS3 323562	36.77 1.24 0.00	37.52 1.18 0.00	44.02 1.42 0.00	39.09 1.29 0.00	32.31 1.07 0.00	37.26 1.23 0.00	37.00 1.22 0.00	31.50 1.07 0.00	32.72 1.13 0.00	34.70 1.16 0.00	46.04 1.39 0.00	43.46 1.04 0.00	34.41 0.82 -2.10	31.97 0.87 0.00	31.33 0.89 -0.01	32.26 0.86 -0.07	40.31 0.76 -12.68	38.26 1.13 0.00	40.83 1.00 0.00	36.13 0.79 0.00	32.28 0.78 0.00	30.80 0.71 0.00	29.85 0.62 0.00	25.96 0.55 0.00
BETHLEHEM___STEEL 23779	31.99 -3.54 0.00	32.79 -3.55 0.00	38.29 -4.31 0.00	33.93 -3.86 0.00	28.11 -3.13 0.00	32.54 -3.49 0.00	31.89 -3.75 0.13	20.55 -3.75 6.12	27.50 -4.09 0.00	29.24 -4.29 0.00	38.96 -5.69 0.00	37.36 -5.06 0.00	28.40 -3.37 -0.28	28.69 -2.41 0.00	27.87 -2.57 0.00	28.92 -2.43 -0.01	26.34 -2.25 -1.72	34.09 -3.04 0.00	36.11 -3.73 0.00	32.07 -3.27 0.00	28.58 -2.92 0.00	27.21 -2.88 0.00	26.52 -2.72 0.00	22.95 -2.46 0.00
BETHLHEM_115KV_TB1 79974	36.74 1.21 0.00	37.49 1.15 0.00	43.98 1.38 0.00	39.05 1.26 0.00	32.28 1.05 0.00	37.23 1.20 0.00	36.97 1.19 0.00	31.47 1.04 0.00	32.69 1.10 0.00	34.67 1.13 0.00	46.03 1.38 0.00	43.49 1.07 0.00	34.44 0.85 -2.10	31.99 0.89 0.00	31.34 0.90 -0.01	32.28 0.88 -0.07	40.32 0.78 -12.67	38.29 1.16 0.00	40.86 1.02 0.00	36.16 0.82 0.00	32.30 0.80 0.00	30.82 0.73 0.00	29.88 0.64 0.00	25.96 0.55 0.00
BETHPAGE_CC_5 323564	38.07 2.54 0.00	38.75 2.41 0.00	45.61 3.01 0.00	40.48 2.69 0.00	33.48 2.24 0.00	38.48 2.46 0.00	38.23 2.46 0.00	32.70 2.27 0.00	33.85 2.26 0.00	35.80 2.27 0.00	48.11 3.46 0.00	45.84 3.42 0.00	35.52 2.33 -1.71	33.45 2.34 0.00	32.79 2.34 -0.01	33.71 2.32 -0.05	39.18 2.00 -10.31	39.91 2.78 0.00	42.60 2.76 0.00	37.68 2.34 0.00	33.66 2.16 0.00	32.28 2.13 -0.06	31.13 1.89 0.00	26.95 1.54 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.15 -3.38 0.00	32.95 -3.39 0.00	38.46 -4.14 0.00	34.09 -3.70 0.00	28.24 -3.00 0.00	32.70 -3.33 0.00	32.07 -3.58 0.12	21.08 -3.60 5.74	27.66 -3.93 0.00	29.42 -4.12 0.00	39.18 -5.47 0.00	37.57 -4.85 0.00	28.54 -3.23 -0.29	28.84 -2.26 0.00	28.02 -2.42 0.00	29.06 -2.29 -0.01	26.49 -2.12 -1.74	34.29 -2.84 0.00	36.31 -3.52 0.00	32.23 -3.10 0.00	28.73 -2.77 0.00	27.35 -2.74 0.00	26.65 -2.58 0.00	23.07 -2.34 0.00

BINGHAMTON___COGEN 23790	34.86 -0.67 0.00	35.62 -0.72 0.00	41.75 -0.85 0.00	37.01 -0.78 0.00	30.64 -0.60 0.00	35.32 -0.70 0.00	34.98 -0.80 0.00	29.69 -0.74 0.00	30.86 -0.72 0.00	32.76 -0.78 0.00	43.61 -1.04 0.00	41.51 -0.91 0.00	31.44 -0.60 -0.55	30.84 -0.26 0.00	30.13 -0.31 0.00	31.10 -0.26 -0.02	29.98 -0.20 -3.31	36.92 -0.21 0.00	39.36 -0.48 0.00	34.69 -0.65 0.00	31.00 -0.50 0.00	29.53 -0.56 0.00	28.70 -0.53 0.00	24.93 -0.47 0.00
BIXINCNT_115KV_LOAD 355685	32.19 -3.34 0.00	33.03 -3.31 0.00	38.20 -4.40 0.00	33.98 -3.81 0.00	28.10 -3.13 0.00	32.77 -3.25 0.00	32.22 -3.48 0.08	23.20 -3.49 3.74	27.70 -3.89 0.00	29.60 -3.93 0.00	39.23 -5.42 0.00	37.75 -4.67 0.00	28.54 -3.26 -0.31	28.95 -2.16 0.00	28.28 -2.16 0.00	29.32 -2.03 -0.01	26.98 -1.74 -1.85	34.85 -2.29 0.00	36.79 -3.05 0.00	32.56 -2.78 0.00	28.89 -2.61 0.00	27.54 -2.55 0.00	26.90 -2.33 0.00	23.32 -2.08 0.00
BLACK RIVER___HYD 24047	35.30 -0.23 0.00	35.84 -0.50 0.00	42.43 -0.17 0.00	37.66 -0.12 0.00	31.11 -0.12 0.00	35.81 -0.21 0.00	35.42 -0.35 0.00	30.33 -0.10 0.00	31.55 -0.04 0.00	33.47 -0.06 0.00	43.94 -0.71 0.00	41.45 -0.98 0.00	30.90 -0.68 -0.09	30.38 -0.73 0.00	30.05 -0.39 0.00	30.67 -0.68 0.00	27.02 -0.39 -0.55	36.66 -0.47 0.00	39.13 -0.71 0.00	34.70 -0.63 0.00	30.93 -0.57 0.00	29.59 -0.51 0.00	28.78 -0.45 0.00	24.99 -0.42 0.00
BLACKRVR_115KV_TB2 79977	35.30 -0.23 0.00	35.84 -0.50 0.00	42.43 -0.17 0.00	37.66 -0.13 0.00	31.11 -0.12 0.00	35.81 -0.22 0.00	35.42 -0.35 0.00	30.33 -0.10 0.00	31.55 -0.04 0.00	33.47 -0.06 0.00	43.94 -0.71 0.00	41.45 -0.98 0.00	30.90 -0.68 -0.09	30.38 -0.73 0.00	30.05 -0.39 0.00	30.67 -0.68 0.00	27.02 -0.40 -0.55	36.66 -0.47 0.00	39.13 -0.71 0.00	34.70 -0.63 0.00	30.93 -0.57 0.00	29.59 -0.51 0.00	28.78 -0.45 0.00	24.99 -0.42 0.00
BLISS_WT_PWR 323608	31.97 -3.56 0.00	32.83 -3.51 0.00	37.85 -4.75 0.00	33.70 -4.09 0.00	27.86 -3.38 0.00	32.58 -3.44 0.00	32.04 -3.66 0.08	23.09 -3.60 3.74	27.51 -4.08 0.00	29.46 -4.08 0.00	38.97 -5.67 0.00	37.56 -4.86 0.00	28.37 -3.43 -0.31	28.82 -2.29 0.00	28.20 -2.24 0.00	29.25 -2.10 -0.01	26.96 -1.76 -1.85	34.85 -2.28 0.00	36.74 -3.09 0.00	32.50 -2.84 0.00	28.81 -2.69 0.00	27.47 -2.62 0.00	26.85 -2.38 0.00	23.27 -2.13 0.00
BLUESTONE___WT_PWR 323821	35.16 -0.37 0.00	35.75 -0.59 0.00	41.53 -1.07 0.00	37.23 -0.56 0.00	30.77 -0.46 0.00	35.37 -0.66 0.00	35.07 -0.70 0.00	29.80 -0.64 0.00	30.97 -0.62 0.00	33.16 -0.37 0.00	44.76 0.12 0.00	42.91 0.49 0.00	32.62 0.54 -0.59	32.30 1.19 0.00	31.35 0.91 0.00	32.57 1.21 -0.02	31.72 1.28 -3.57	39.04 1.91 0.00	41.60 1.77 0.00	36.70 1.36 0.00	32.76 1.26 0.00	30.98 0.89 0.00	29.86 0.63 0.00	26.05 0.64 0.00
BLUE_CIRC_CHEM_DRP 24182	36.85 1.32 0.00	37.63 1.29 0.00	44.16 1.56 0.00	39.19 1.39 0.00	32.40 1.17 0.00	37.38 1.36 0.00	37.11 1.33 0.00	31.59 1.15 0.00	32.79 1.20 0.00	34.77 1.24 0.00	46.16 1.51 0.00	43.71 1.28 0.00	34.54 0.98 -2.07	32.11 1.00 0.00	31.47 1.02 -0.01	32.45 1.05 -0.06	40.30 0.95 -12.48	38.50 1.38 0.00	41.11 1.27 0.00	36.38 1.04 0.00	32.50 1.00 0.00	31.00 0.91 0.00	30.05 0.82 0.00	26.12 0.71 0.00
BOC_GAS_DRP 24189	36.53 1.00 0.00	37.30 0.96 0.00	43.76 1.17 0.00	38.84 1.05 0.00	32.10 0.86 0.00	37.01 0.99 0.00	36.75 0.98 0.00	31.28 0.85 0.00	32.50 0.91 0.00	34.47 0.93 0.00	45.84 1.19 0.00	43.47 1.05 0.00	34.39 0.81 -2.10	31.93 0.83 0.00	31.29 0.84 -0.01	32.25 0.84 -0.07	40.25 0.74 -12.64	38.23 1.10 0.00	40.81 0.98 0.00	36.12 0.78 0.00	32.24 0.75 0.00	30.77 0.68 0.00	29.84 0.61 0.00	25.92 0.51 0.00
BOONVILLE_115KV_TB1 79983	36.03 0.50 0.00	36.74 0.39 0.00	43.23 0.62 0.00	38.37 0.58 0.00	31.72 0.48 0.00	36.57 0.54 0.00	36.30 0.52 0.00	30.96 0.53 0.00	32.23 0.64 0.00	34.19 0.66 0.00	45.26 0.62 0.00	42.79 0.37 0.00	31.80 0.25 -0.06	31.34 0.23 0.00	30.80 0.36 0.00	31.63 0.29 0.00	27.58 0.37 -0.34	37.71 0.58 0.00	40.30 0.47 0.00	35.67 0.33 0.00	31.81 0.31 0.00	30.40 0.31 0.00	29.53 0.29 0.00	25.65 0.25 0.00
BORALEX_4TH_BRANCH 23824	37.90 2.37 0.00	38.70 2.36 0.00	45.39 2.79 0.00	40.32 2.52 0.00	33.32 2.08 0.00	38.41 2.39 0.00	38.14 2.37 0.00	32.46 2.03 0.00	33.71 2.12 0.00	35.74 2.21 0.00	47.50 2.85 0.00	45.14 2.72 0.00	35.62 2.04 -2.09	33.19 2.09 0.00	32.49 2.04 -0.01	33.50 2.10 -0.07	41.34 1.86 -12.61	39.82 2.69 0.00	42.51 2.68 0.00	37.60 2.26 0.00	33.53 2.03 0.00	31.93 1.84 0.00	30.95 1.72 0.00	26.85 1.44 0.00
BOWLINE___1 23526	36.87 1.34 0.00	37.72 1.38 0.00	44.36 1.77 0.00	39.36 1.57 0.00	32.50 1.26 0.00	37.43 1.41 0.00	37.15 1.38 0.00	31.65 1.22 0.00	32.90 1.31 0.00	34.92 1.39 0.00	46.70 2.05 0.00	44.43 2.01 0.00	34.56 1.49 -1.57	32.60 1.49 0.00	31.90 1.46 0.00	32.87 1.48 -0.05	37.69 1.33 -9.49	39.11 1.99 0.00	41.62 1.78 0.00	36.73 1.39 0.00	32.72 1.22 0.00	31.29 1.19 0.00	30.39 1.15 0.00	26.34 0.93 0.00
BOWLINE___2 23595	36.87 1.34 0.00	37.72 1.38 0.00	44.36 1.77 0.00	39.36 1.57 0.00	32.50 1.26 0.00	37.43 1.41 0.00	37.15 1.38 0.00	31.65 1.22 0.00	32.90 1.31 0.00	34.92 1.39 0.00	46.70 2.05 0.00	44.43 2.01 0.00	34.56 1.50 -1.57	32.60 1.49 0.00	31.90 1.46 0.00	32.87 1.48 -0.05	37.69 1.33 -9.49	39.11 1.99 0.00	41.62 1.78 0.00	36.73 1.39 0.00	32.72 1.22 0.00	31.29 1.19 0.00	30.39 1.15 0.00	26.34 0.93 0.00
BRADY___115KV_TB2 356060	36.33 0.80 0.00	37.19 0.85 0.00	43.55 0.95 0.00	38.61 0.82 0.00	31.86 0.63 0.00	36.73 0.71 0.00	36.51 0.73 0.00	31.21 0.78 0.00	32.23 0.64 0.00	34.26 0.73 0.00	45.54 0.89 0.00	43.21 0.78 0.00	31.73 0.22 -0.03	29.60 -1.51 0.00	28.82 -1.62 0.00	29.54 -1.80 0.00	26.25 -0.80 -0.19	37.21 0.08 0.00	40.33 0.49 0.00	35.98 0.64 0.00	31.99 0.49 0.00	30.55 0.46 0.00	29.95 0.71 0.00	26.10 0.69 0.00
BRANSCOMB___SOLAR 323811	37.37 1.84 0.00	38.15 1.82 0.00	44.71 2.10 0.00	39.71 1.92 0.00	32.82 1.58 0.00	37.85 1.83 0.00	37.66 1.89 0.00	32.08 1.65 0.00	33.33 1.74 0.00	35.37 1.83 0.00	47.02 2.37 0.00	44.66 2.24 0.00	35.31 1.67 -2.16	32.78 1.68 0.00	32.07 1.62 -0.01	33.13 1.72 -0.07	41.44 1.57 -13.00	39.41 2.28 0.00	42.09 2.26 0.00	37.21 1.87 0.00	33.16 1.67 0.00	31.58 1.49 0.00	30.59 1.36 0.00	26.54 1.14 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	38.76 3.23 0.00	39.38 3.05 0.00	46.27 3.67 0.00	41.10 3.31 0.00	34.01 2.77 0.00	39.07 3.05 0.00	38.81 3.04 0.00	33.25 2.81 0.00	34.43 2.85 0.00	36.41 2.87 0.00	49.00 4.36 0.00	46.70 4.28 0.00	36.10 2.90 -1.71	34.01 2.90 0.00	33.43 2.99 -0.01	34.34 2.95 -0.05	39.71 2.53 -10.31	40.61 3.48 0.00	43.40 3.57 0.00	38.41 3.07 0.00	34.26 2.77 0.00	32.82 2.68 -0.05	31.60 2.37 0.00	27.33 1.93 0.00

BRISTLHL_115KV_TB1 79998	34.15 -1.38 0.00	34.89 -1.45 0.00	40.90 -1.71 0.00	36.28 -1.52 0.00	30.02 -1.22 0.00	34.63 -1.40 0.00	34.36 -1.41 0.00	29.21 -1.22 0.00	30.33 -1.26 0.00	32.17 -1.36 0.00	42.80 -1.85 0.00	40.66 -1.76 0.00	30.42 -1.20 0.00	30.21 -0.90 0.00	29.53 -0.91 0.00	30.42 -0.92 0.00	26.93 -0.75 -0.82	36.04 -1.08 0.00	38.49 -1.35 0.00	34.09 -1.25 0.00	30.36 -1.15 0.00	29.01 -1.09 0.00	28.18 -1.06 0.00	24.49 -0.92 0.00
BROOKHAVEN___DRP 24191	38.83 3.30 0.00	39.42 3.08 0.00	46.28 3.68 0.00	41.11 3.32 0.00	34.07 2.83 0.00	39.14 3.12 0.00	38.87 3.10 0.00	33.36 2.93 0.00	34.52 2.93 0.00	36.41 2.88 0.00	49.10 4.45 0.00	46.74 4.32 0.00	35.98 2.79 -1.71	33.89 2.78 0.00	33.48 3.03 -0.01	34.31 2.91 -0.05	39.64 2.46 -10.31	40.58 3.45 0.00	43.37 3.53 0.00	38.35 3.02 0.00	34.22 2.73 0.00	32.82 2.68 -0.05	31.55 2.32 0.00	27.25 1.84 0.00
BROOKLYN_NAVY_YARD 23515	37.27 1.74 0.00	37.99 1.64 0.00	44.64 2.04 0.00	39.58 1.79 0.00	32.70 1.46 0.00	37.67 1.64 0.00	37.39 1.62 0.00	31.88 1.45 0.00	33.14 1.55 0.00	35.16 1.63 0.00	47.11 2.46 0.00	44.84 2.42 0.00	35.04 1.84 -1.71	32.87 1.76 0.00	32.18 1.73 -0.01	33.15 1.76 -0.05	38.73 1.56 -10.30	39.39 2.26 0.00	41.92 2.09 0.00	37.00 1.67 0.00	32.99 1.49 0.00	31.47 1.37 0.00	30.46 1.23 0.00	26.40 1.00 0.00
BROOKLYN___ARMY_DRP 323595	58.53 2.15 -20.85	54.15 2.07 -15.74	54.18 2.53 -9.05	54.12 2.21 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.86 2.02 -16.07	53.81 1.80 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.97 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.15 -13.98	47.31 2.11 -14.76	47.45 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.55 -31.30	94.91 2.08 -57.49	87.89 1.86 -54.53	93.12 1.77 -61.25	50.09 1.60 -19.26	46.29 1.34 -19.55
BROOKVLE_69_KV_TB1 55790	38.02 2.49 0.00	38.72 2.38 0.00	45.48 2.88 0.00	40.34 2.55 0.00	33.35 2.11 0.00	38.39 2.36 0.00	38.13 2.36 0.00	32.58 2.16 0.00	33.83 2.24 0.00	35.85 2.32 0.00	48.05 3.40 0.00	45.69 3.27 0.00	35.51 2.31 -1.71	33.39 2.29 0.00	32.72 2.28 -0.01	33.67 2.27 -0.05	39.18 2.00 -10.31	39.91 2.78 0.00	42.56 2.73 0.00	37.67 2.33 0.00	33.66 2.16 0.00	32.23 2.05 -0.08	31.07 1.84 0.00	26.91 1.50 0.00
BROOME_2_LFGE 323671	34.86 -0.67 0.00	35.61 -0.73 0.00	41.75 -0.85 0.00	37.01 -0.78 0.00	30.64 -0.60 0.00	35.32 -0.70 0.00	34.98 -0.80 0.00	29.69 -0.74 0.00	30.87 -0.72 0.00	32.76 -0.78 0.00	43.60 -1.04 0.00	41.51 -0.91 0.00	31.43 -0.61 -0.55	30.84 -0.26 0.00	30.13 -0.31 0.00	31.10 -0.26 -0.02	29.98 -0.20 -3.31	36.92 -0.21 0.00	39.36 -0.48 0.00	34.69 -0.65 0.00	31.00 -0.50 0.00	29.53 -0.57 0.00	28.70 -0.53 0.00	24.93 -0.47 0.00
BROOME___LFGE 323600	34.86 -0.67 0.00	35.61 -0.73 0.00	41.75 -0.85 0.00	37.01 -0.78 0.00	30.64 -0.60 0.00	35.32 -0.70 0.00	34.98 -0.80 0.00	29.69 -0.74 0.00	30.87 -0.72 0.00	32.76 -0.78 0.00	43.60 -1.04 0.00	41.51 -0.91 0.00	31.43 -0.61 -0.55	30.84 -0.26 0.00	30.13 -0.31 0.00	31.10 -0.26 -0.02	29.98 -0.20 -3.31	36.92 -0.21 0.00	39.36 -0.48 0.00	34.69 -0.65 0.00	31.00 -0.50 0.00	29.53 -0.57 0.00	28.70 -0.53 0.00	24.93 -0.47 0.00
BROWNFLS_115KV_TB_3_5 80003	35.27 -0.26 0.00	35.97 -0.37 0.00	42.34 -0.26 0.00	37.57 -0.22 0.00	31.02 -0.22 0.00	35.64 -0.38 0.00	35.30 -0.48 0.00	30.21 -0.22 0.00	31.31 -0.28 0.00	33.27 -0.27 0.00	43.93 -0.72 0.00	41.50 -0.93 0.00	30.67 -0.87 -0.05	29.34 -1.77 0.00	28.81 -1.63 0.00	29.45 -1.89 0.00	26.00 -1.19 -0.32	36.07 -1.06 0.00	38.82 -1.02 0.00	34.52 -0.82 0.00	30.73 -0.76 0.00	29.40 -0.69 0.00	28.82 -0.41 0.00	25.15 -0.26 0.00
BROWNSV1_27_KV_LOAD 356125	37.74 2.21 0.00	38.45 2.11 0.00	45.16 2.56 0.00	40.04 2.25 0.00	33.07 1.83 0.00	38.11 2.08 0.00	37.84 2.06 0.00	32.27 1.84 0.00	33.55 1.96 0.00	35.61 2.08 0.00	47.71 3.06 0.00	45.44 3.02 0.00	35.46 2.27 -1.71	33.31 2.20 0.00	32.61 2.16 -0.01	33.59 2.19 -0.05	39.10 1.93 -10.30	39.91 2.78 0.00	42.47 2.64 0.00	37.50 2.16 0.00	33.43 1.93 0.00	31.87 1.78 0.00	30.83 1.60 0.00	26.72 1.31 0.00
BURROWS___LYONSDAL 23803	35.82 0.29 0.00	36.49 0.15 0.00	43.00 0.40 0.00	38.20 0.41 0.00	31.57 0.34 0.00	36.38 0.35 0.00	36.09 0.32 0.00	30.80 0.37 0.00	32.07 0.48 0.00	34.02 0.49 0.00	44.94 0.29 0.00	42.42 0.00 0.00	31.55 0.00 -0.06	31.06 -0.05 0.00	30.56 0.12 0.00	31.35 0.00 0.00	27.36 0.14 -0.35	37.38 0.26 0.00	39.95 0.11 0.00	35.37 0.03 0.00	31.55 0.05 0.00	30.17 0.08 0.00	29.33 0.10 0.00	25.50 0.10 0.00
CAITHNESS_CC_1 323624	38.70 3.17 0.00	39.30 2.96 0.00	46.14 3.54 0.00	41.00 3.21 0.00	33.96 2.72 0.00	39.01 2.98 0.00	38.74 2.96 0.00	33.23 2.80 0.00	34.40 2.81 0.00	36.29 2.76 0.00	48.93 4.28 0.00	46.59 4.17 0.00	35.92 2.72 -1.71	33.83 2.73 0.00	33.37 2.92 -0.01	34.21 2.82 -0.05	39.56 2.38 -10.31	40.44 3.31 0.00	43.23 3.39 0.00	38.24 2.90 0.00	34.12 2.62 0.00	32.72 2.58 -0.05	31.47 2.24 0.00	27.20 1.79 0.00
CALPINE BETH_PAGE_GT4 24209	38.04 2.52 0.00	38.73 2.39 0.00	45.64 3.04 0.00	40.49 2.70 0.00	33.49 2.26 0.00	38.50 2.48 0.00	38.24 2.47 0.00	32.71 2.28 0.00	33.82 2.23 0.00	35.80 2.26 0.00	48.11 3.46 0.00	45.84 3.42 0.00	35.53 2.33 -1.71	33.43 2.33 0.00	32.79 2.34 -0.01	33.71 2.31 -0.05	39.19 2.01 -10.31	39.91 2.78 0.00	42.60 2.76 0.00	37.68 2.34 0.00	33.65 2.15 0.00	32.32 2.17 -0.06	31.16 1.93 0.00	26.98 1.58 0.00
CALPINE_BETH_PAGE_GT_4 323586	38.04 2.51 0.00	38.74 2.40 0.00	45.64 3.04 0.00	40.50 2.71 0.00	33.49 2.26 0.00	38.51 2.49 0.00	38.25 2.48 0.00	32.70 2.27 0.00	33.82 2.23 0.00	35.80 2.26 0.00	48.11 3.46 0.00	45.83 3.42 0.00	35.52 2.33 -1.71	33.44 2.34 0.00	32.79 2.34 -0.01	33.70 2.31 -0.05	39.18 2.00 -10.31	39.92 2.79 0.00	42.60 2.76 0.00	37.68 2.34 0.00	33.65 2.16 0.00	32.32 2.17 -0.06	31.16 1.92 0.00	26.98 1.58 0.00
CALPINE_BP_GT1 23823	38.04 2.51 0.00	38.74 2.40 0.00	45.64 3.04 0.00	40.50 2.71 0.00	33.49 2.26 0.00	38.51 2.49 0.00	38.25 2.48 0.00	32.70 2.27 0.00	33.82 2.23 0.00	35.80 2.26 0.00	48.11 3.46 0.00	45.83 3.42 0.00	35.52 2.33 -1.71	33.44 2.34 0.00	32.79 2.34 -0.01	33.70 2.31 -0.05	39.18 2.00 -10.31	39.92 2.79 0.00	42.60 2.76 0.00	37.68 2.34 0.00	33.65 2.16 0.00	32.32 2.17 -0.06	31.16 1.92 0.00	26.98 1.58 0.00
CALSPAN___DRP 24200	31.99 -3.54 0.00	32.79 -3.55 0.00	38.29 -4.31 0.00	33.93 -3.86 0.00	28.11 -3.13 0.00	32.54 -3.49 0.00	31.89 -3.75 0.13	20.55 -3.75 6.12	27.50 -4.09 0.00	29.24 -4.29 0.00	38.96 -5.69 0.00	37.36 -5.06 0.00	28.40 -3.37 -0.28	28.69 -2.41 0.00	27.87 -2.57 0.00	28.92 -2.43 -0.01	26.34 -2.25 -1.72	34.09 -3.04 0.00	36.11 -3.73 0.00	32.07 -3.27 0.00	28.58 -2.92 0.00	27.21 -2.88 0.00	26.52 -2.72 0.00	22.95 -2.46 0.00

CALVERTON___SOLAR 323806	38.99 3.46 0.00	39.56 3.22 0.00	46.44 3.84 0.00	41.27 3.48 0.00	34.19 2.95 0.00	39.30 3.28 0.00	39.02 3.25 0.00	33.49 3.06 0.00	34.65 3.07 0.00	36.53 3.00 0.00	49.27 4.62 0.00	46.89 4.47 0.00	36.05 2.86 -1.71	33.96 2.86 0.00	33.56 3.12 -0.01	34.40 3.00 -0.05	39.72 2.54 -10.31	40.69 3.56 0.00	43.50 3.66 0.00	38.47 3.13 0.00	34.32 2.82 0.00	32.91 2.77 -0.05	31.60 2.37 0.00	27.29 1.89 0.00
CANDIGU_WT_PWR 323617	33.04 -2.49 0.00	33.80 -2.54 0.00	39.52 -3.08 0.00	34.98 -2.82 0.00	29.04 -2.20 0.00	33.40 -2.62 0.00	31.97 -3.07 0.73	-6.63 -2.86 34.20	28.89 -2.70 0.00	30.59 -2.95 0.00	40.71 -3.94 0.00	38.93 -3.49 0.00	29.47 -2.40 -0.38	29.20 -1.91 0.00	28.53 -1.91 0.00	29.60 -1.76 -0.01	27.59 -1.56 -2.28	35.06 -2.07 0.00	37.15 -2.69 0.00	32.63 -2.70 0.00	29.14 -2.36 0.00	27.63 -2.46 0.00	26.94 -2.29 0.00	23.38 -2.02 0.00
CARR STREET_E_SYR 24060	34.38 -1.15 0.00	35.13 -1.21 0.00	41.16 -1.44 0.00	36.51 -1.28 0.00	30.27 -0.96 0.00	34.95 -1.07 0.00	34.68 -1.10 0.00	29.48 -0.95 0.00	30.60 -0.99 0.00	32.45 -1.08 0.00	43.17 -1.47 0.00	41.03 -1.40 0.00	30.72 -0.92 -0.16	30.48 -0.63 0.00	29.82 -0.63 0.00	30.73 -0.62 0.00	27.31 -0.50 -0.93	36.41 -0.72 0.00	38.88 -0.96 0.00	34.41 -0.93 0.00	30.69 -0.81 0.00	29.29 -0.80 0.00	28.45 -0.79 0.00	24.71 -0.70 0.00
CARTHAGE___PAPER 23857	35.63 0.09 0.00	36.22 -0.12 0.00	42.82 0.22 0.00	38.02 0.23 0.00	31.40 0.17 0.00	36.14 0.12 0.00	35.78 0.00 0.00	30.63 0.20 0.00	31.86 0.27 0.00	33.81 0.27 0.00	44.41 -0.24 0.00	41.85 -0.58 0.00	31.16 -0.41 -0.08	30.44 -0.67 0.00	30.10 -0.34 0.00	30.74 -0.60 0.00	27.08 -0.28 -0.49	36.90 -0.23 0.00	39.44 -0.39 0.00	34.99 -0.35 0.00	31.19 -0.31 0.00	29.83 -0.26 0.00	29.07 -0.17 0.00	25.27 -0.13 0.00
CASSADAGA_WT_PWR 323784	31.32 -4.21 0.00	32.07 -4.27 0.00	37.68 -4.93 0.00	33.56 -4.24 0.00	27.64 -3.60 0.00	32.20 -3.82 0.00	31.52 -4.16 0.10	21.59 -4.29 4.56	27.04 -4.55 0.00	28.94 -4.60 0.00	38.72 -5.93 0.00	37.46 -4.96 0.00	28.68 -3.11 -0.30	28.96 -2.14 0.00	28.24 -2.20 0.00	29.52 -1.83 -0.01	26.84 -1.83 -1.80	34.90 -2.23 0.00	36.45 -3.38 0.00	32.36 -2.98 0.00	28.92 -2.58 0.00	27.62 -2.47 0.00	26.89 -2.34 0.00	23.35 -2.06 0.00
CE_DUNWOOD___DRP 24194	37.41 1.88 0.00	38.13 1.79 0.00	44.78 2.18 0.00	39.71 1.92 0.00	32.80 1.57 0.00	37.80 1.78 0.00	37.52 1.75 0.00	31.99 1.57 0.00	33.26 1.67 0.00	35.30 1.76 0.00	47.24 2.59 0.00	44.96 2.54 0.00	35.09 1.89 -1.71	32.95 1.85 0.00	32.27 1.83 -0.01	33.24 1.85 -0.05	38.80 1.63 -10.29	39.49 2.36 0.00	42.05 2.22 0.00	37.13 1.79 0.00	33.11 1.61 0.00	31.58 1.49 0.00	30.56 1.33 0.00	26.49 1.08 0.00
CE_MILLWOOD___DRP 24193	37.34 1.82 0.00	38.08 1.74 0.00	44.72 2.11 0.00	39.65 1.86 0.00	32.76 1.52 0.00	37.74 1.72 0.00	37.47 1.70 0.00	31.94 1.52 0.00	33.22 1.63 0.00	35.24 1.71 0.00	47.16 2.51 0.00	44.88 2.46 0.00	35.02 1.83 -1.70	32.90 1.79 0.00	32.22 1.77 -0.01	33.18 1.79 -0.05	38.70 1.58 -10.24	39.43 2.30 0.00	41.98 2.15 0.00	37.07 1.73 0.00	33.05 1.55 0.00	31.52 1.43 0.00	30.51 1.27 0.00	26.44 1.04 0.00
CE_NYC2_DRP 24202	37.53 2.00 0.00	38.26 1.92 0.00	44.94 2.34 0.00	39.85 2.05 0.00	32.91 1.68 0.00	37.92 1.89 0.00	37.63 1.86 0.00	32.10 1.67 0.00	33.38 1.79 0.00	35.42 1.88 0.00	47.46 2.82 0.00	45.15 2.73 0.00	35.26 2.06 -1.71	33.09 1.99 0.00	32.40 1.96 -0.01	33.37 1.98 -0.05	38.91 1.73 -10.30	39.61 2.48 0.00	42.16 2.32 0.00	37.23 1.89 0.00	33.21 1.72 0.00	31.69 1.59 0.00	30.66 1.43 0.00	26.59 1.18 0.00
CE_NYC_DRP 24195	37.41 1.88 0.00	38.12 1.78 0.00	44.78 2.18 0.00	39.71 1.92 0.00	32.80 1.56 0.00	37.80 1.78 0.00	37.52 1.75 0.00	32.00 1.57 0.00	33.27 1.69 0.00	35.32 1.78 0.00	47.30 2.65 0.00	45.04 2.62 0.00	35.17 1.97 -1.71	33.00 1.90 0.00	32.32 1.87 -0.01	33.28 1.89 -0.05	38.84 1.67 -10.30	39.53 2.40 0.00	42.08 2.24 0.00	37.14 1.81 0.00	33.12 1.62 0.00	31.59 1.49 0.00	30.57 1.33 0.00	26.49 1.09 0.00
CHAFFEE___LFGE 323603	32.29 -3.25 0.00	33.07 -3.27 0.00	38.63 -3.97 0.00	34.23 -3.57 0.00	28.36 -2.88 0.00	32.82 -3.20 0.00	32.20 -3.47 0.10	22.06 -3.45 4.92	27.82 -3.77 0.00	29.58 -3.95 0.00	39.40 -5.25 0.00	37.77 -4.65 0.00	28.71 -3.07 -0.30	28.96 -2.15 0.00	28.12 -2.32 0.00	29.16 -2.19 -0.01	26.63 -2.02 -1.78	34.44 -2.69 0.00	36.45 -3.38 0.00	32.34 -2.99 0.00	28.83 -2.67 0.00	27.47 -2.63 0.00	26.76 -2.48 0.00	23.14 -2.27 0.00
CHATEAUG_35_KV_LOAD 355732	36.25 0.72 0.00	37.11 0.77 0.00	43.35 0.76 0.00	38.42 0.63 0.00	31.69 0.45 0.00	36.60 0.57 0.00	36.48 0.70 0.00	31.06 0.63 0.00	32.19 0.60 0.00	34.19 0.66 0.00	45.50 0.86 0.00	43.20 0.78 0.00	31.75 0.26 0.00	29.58 -1.53 0.00	28.82 -1.62 0.00	29.48 -1.86 0.00	25.96 -0.91 0.00	37.09 -0.04 0.00	40.02 0.18 0.00	35.80 0.46 0.00	31.73 0.23 0.00	30.38 0.29 0.00	29.54 0.31 0.00	25.71 0.31 0.00
CHATEAUG_WT_PWR 323614	36.20 0.67 0.00	37.05 0.71 0.00	43.29 0.69 0.00	38.35 0.56 0.00	31.68 0.44 0.00	36.55 0.53 0.00	36.42 0.65 0.00	31.01 0.58 0.00	32.13 0.54 0.00	34.14 0.61 0.00	45.44 0.79 0.00	43.14 0.72 0.00	31.74 0.25 0.00	29.63 -1.47 0.00	28.87 -1.57 0.00	29.52 -1.83 0.00	25.99 -0.88 0.00	37.05 -0.07 0.00	39.98 0.15 0.00	35.74 0.40 0.00	31.70 0.20 0.00	30.35 0.26 0.00	29.51 0.27 0.00	25.70 0.30 0.00
CHAT_HIGH_FALL_HYD 323578	36.25 0.72 0.00	37.11 0.77 0.00	43.35 0.76 0.00	38.42 0.63 0.00	31.69 0.45 0.00	36.60 0.57 0.00	36.48 0.70 0.00	31.06 0.63 0.00	32.19 0.60 0.00	34.19 0.66 0.00	45.50 0.86 0.00	43.20 0.78 0.00	31.75 0.26 0.00	29.58 -1.53 0.00	28.82 -1.62 0.00	29.48 -1.86 0.00	25.96 -0.91 0.00	37.09 -0.04 0.00	40.02 0.18 0.00	35.80 0.46 0.00	31.73 0.23 0.00	30.38 0.29 0.00	29.54 0.31 0.00	25.71 0.31 0.00
CHAUTAUQUA___LFGE 323629	31.62 -3.91 0.00	32.39 -3.95 0.00	37.89 -4.70 0.00	33.64 -4.15 0.00	27.82 -3.42 0.00	32.30 -3.72 0.00	31.63 -4.03 0.12	20.70 -4.01 5.71	27.27 -4.32 0.00	29.09 -4.45 0.00	38.78 -5.87 0.00	37.38 -5.04 0.00	28.51 -3.27 -0.29	28.78 -2.32 0.00	28.00 -2.44 0.00	29.20 -2.15 -0.01	26.60 -2.03 -1.75	34.57 -2.56 0.00	36.26 -3.57 0.00	32.17 -3.16 0.00	28.74 -2.76 0.00	27.41 -2.69 0.00	26.72 -2.52 0.00	23.12 -2.28 0.00
CHERRYST_13_KV_LD 356241	37.50 1.97 0.00	38.22 1.88 0.00	44.89 2.29 0.00	39.81 2.02 0.00	32.88 1.65 0.00	37.89 1.87 0.00	37.62 1.85 0.00	32.08 1.66 0.00	33.36 1.77 0.00	35.41 1.87 0.00	47.43 2.79 0.00	45.17 2.74 0.00	35.27 2.07 -1.71	33.09 1.99 0.00	32.40 1.96 -0.01	33.37 1.98 -0.05	38.92 1.75 -10.30	39.64 2.51 0.00	42.19 2.36 0.00	37.24 1.91 0.00	33.21 1.71 0.00	31.67 1.58 0.00	30.65 1.41 0.00	26.56 1.16 0.00

CHESTROR_138KV_BK263 355645	36.93 1.40 0.00	37.71 1.37 0.00	44.28 1.68 0.00	39.27 1.48 0.00	32.44 1.21 0.00	37.37 1.35 0.00	37.10 1.33 0.00	31.61 1.18 0.00	32.86 1.27 0.00	34.87 1.34 0.00	46.60 1.96 0.00	44.33 1.91 0.00	34.44 1.43 -1.53	32.54 1.43 0.00	31.85 1.40 0.00	32.82 1.43 -0.05	37.39 1.29 -9.23	39.05 1.92 0.00	41.57 1.74 0.00	36.70 1.36 0.00	32.70 1.21 0.00	31.24 1.15 0.00	30.30 1.06 0.00	26.26 0.86 0.00
CH_MIDHUDSON___DRP 24192	37.60 2.07 0.00	38.33 1.99 0.00	44.98 2.38 0.00	39.88 2.08 0.00	32.95 1.71 0.00	37.97 1.95 0.00	37.70 1.93 0.00	32.14 1.71 0.00	33.42 1.83 0.00	35.50 1.97 0.00	47.46 2.81 0.00	45.15 2.73 0.00	35.23 2.02 -1.71	33.10 2.00 0.00	32.41 1.97 -0.01	33.40 2.00 -0.05	38.98 1.79 -10.33	39.71 2.58 0.00	42.30 2.47 0.00	37.35 2.01 0.00	33.30 1.80 0.00	31.75 1.66 0.00	30.74 1.50 0.00	26.63 1.23 0.00
CH_MISC_IPPS 23765	37.73 2.20 0.00	38.48 2.13 0.00	45.15 2.55 0.00	40.03 2.24 0.00	33.07 1.84 0.00	38.12 2.10 0.00	37.86 2.08 0.00	32.28 1.84 0.00	33.57 1.98 0.00	35.66 2.13 0.00	47.68 3.03 0.00	45.36 2.94 0.00	35.35 2.18 -1.68	33.27 2.16 0.00	32.56 2.12 -0.01	33.56 2.16 -0.05	38.93 1.94 -10.11	39.94 2.81 0.00	42.52 2.68 0.00	37.53 2.20 0.00	33.45 1.95 0.00	31.90 1.80 0.00	30.88 1.65 0.00	26.76 1.35 0.00
CH_RES_BVR_FALLS 23983	35.37 -0.16 0.00	36.25 -0.09 0.00	42.48 -0.12 0.00	37.68 -0.11 0.00	31.07 -0.17 0.00	35.89 -0.13 0.00	35.71 -0.06 0.00	30.38 -0.05 0.00	31.48 -0.10 0.00	33.41 -0.13 0.00	44.41 -0.24 0.00	42.23 -0.19 0.00	31.25 -0.23 0.00	30.08 -1.03 0.00	29.41 -1.04 0.00	30.18 -1.16 0.00	26.22 -0.65 0.00	36.77 -0.36 0.00	39.55 -0.29 0.00	35.13 -0.20 0.00	31.33 -0.17 0.00	29.96 -0.13 0.00	29.18 -0.06 0.00	25.37 -0.03 0.00
CH_RES_NIAGARA 23895	30.88 -4.65 0.00	31.69 -4.65 0.00	36.99 -5.61 0.00	32.81 -4.98 0.00	27.18 -4.05 0.00	31.47 -4.55 0.00	30.91 -4.77 0.10	21.06 -4.66 4.71	26.53 -5.06 0.00	28.30 -5.24 0.00	37.70 -6.95 0.00	36.14 -6.28 0.00	27.49 -4.26 -0.26	27.86 -3.25 0.00	26.97 -3.47 0.00	27.98 -3.37 -0.01	25.36 -3.10 -1.59	32.77 -4.36 0.00	34.76 -5.08 0.00	30.95 -4.38 0.00	27.63 -3.87 0.00	26.34 -3.76 0.00	25.65 -3.59 0.00	22.20 -3.21 0.00
CH_RES_SYRACUSE 23985	34.68 -0.85 0.00	35.43 -0.91 0.00	41.52 -1.08 0.00	36.84 -0.95 0.00	30.49 -0.74 0.00	35.17 -0.85 0.00	34.90 -0.87 0.00	29.67 -0.76 0.00	30.83 -0.76 0.00	32.68 -0.86 0.00	43.47 -1.18 0.00	41.30 -1.12 0.00	30.94 -0.72 -0.17	30.66 -0.45 0.00	30.00 -0.44 0.00	30.91 -0.43 -0.01	27.59 -0.32 -1.04	36.67 -0.46 0.00	39.15 -0.69 0.00	34.64 -0.69 0.00	30.89 -0.60 0.00	29.50 -0.59 0.00	28.65 -0.58 0.00	24.89 -0.51 0.00
CLINTON_WT_PWR 323605	36.20 0.67 0.00	37.05 0.71 0.00	43.29 0.69 0.00	38.35 0.56 0.00	31.68 0.44 0.00	36.55 0.53 0.00	36.42 0.65 0.00	31.01 0.58 0.00	32.13 0.54 0.00	34.14 0.61 0.00	45.44 0.79 0.00	43.14 0.72 0.00	31.74 0.25 0.00	29.63 -1.47 0.00	28.87 -1.57 0.00	29.52 -1.83 0.00	25.99 -0.88 0.00	37.05 -0.07 0.00	39.98 0.15 0.00	35.74 0.40 0.00	31.70 0.20 0.00	30.35 0.26 0.00	29.51 0.27 0.00	25.70 0.30 0.00
CLINTON___LFGE 323618	36.71 1.18 0.00	37.58 1.24 0.00	43.92 1.32 0.00	38.87 1.08 0.00	32.11 0.87 0.00	37.02 1.00 0.00	36.91 1.14 0.00	31.42 0.99 0.00	32.54 0.95 0.00	34.58 1.05 0.00	46.04 1.39 0.00	43.71 1.29 0.00	32.21 0.72 0.00	30.09 -1.02 0.00	29.31 -1.13 0.00	30.00 -1.34 0.00	26.40 -0.47 0.00	37.62 0.48 0.00	40.56 0.73 0.00	36.24 0.90 0.00	32.13 0.63 0.00	30.73 0.64 0.00	29.88 0.65 0.00	26.06 0.65 0.00
COBBLENY_34_KV_TB1 80064	32.29 -3.24 0.00	33.08 -3.26 0.00	38.63 -3.97 0.00	34.23 -3.56 0.00	28.36 -2.87 0.00	32.82 -3.20 0.00	32.20 -3.47 0.10	22.03 -3.48 4.92	27.82 -3.77 0.00	29.58 -3.95 0.00	39.40 -5.24 0.00	37.77 -4.65 0.00	28.70 -3.08 -0.30	28.96 -2.15 0.00	28.12 -2.32 0.00	29.16 -2.19 -0.01	26.63 -2.02 -1.78	34.41 -2.72 0.00	36.45 -3.38 0.00	32.35 -2.99 0.00	28.83 -2.67 0.00	27.47 -2.62 0.00	26.75 -2.48 0.00	23.14 -2.26 0.00
COFFEEN___115KV_TB3 355620	35.49 -0.04 0.00	36.06 -0.28 0.00	42.66 0.06 0.00	37.85 0.06 0.00	31.28 0.04 0.00	36.01 -0.02 0.00	35.64 -0.13 0.00	30.52 0.09 0.00	31.76 0.17 0.00	33.70 0.17 0.00	44.27 -0.38 0.00	41.76 -0.66 0.00	31.11 -0.47 -0.09	30.61 -0.50 0.00	30.28 -0.16 0.00	30.91 -0.43 0.00	27.26 -0.17 -0.55	36.99 -0.15 0.00	39.47 -0.37 0.00	34.99 -0.35 0.00	31.18 -0.32 0.00	29.80 -0.30 0.00	28.97 -0.27 0.00	25.13 -0.27 0.00
COLDSPRG_115KV_BK1 355956	32.94 -2.59 0.00	33.72 -2.62 0.00	39.51 -3.09 0.00	35.10 -2.69 0.00	29.01 -2.23 0.00	33.64 -2.38 0.00	32.99 -2.73 0.06	24.74 -2.96 2.73	28.44 -3.15 0.00	30.32 -3.21 0.00	40.46 -4.19 0.00	38.95 -3.48 0.00	29.67 -2.13 -0.31	29.88 -1.24 0.00	29.06 -1.38 0.00	30.22 -1.13 -0.01	27.55 -1.20 -1.88	35.65 -1.48 0.00	37.49 -2.34 0.00	33.18 -2.15 0.00	29.59 -1.90 0.00	28.20 -1.89 0.00	27.51 -1.72 0.00	23.87 -1.54 0.00
COLONIE_LFGE___ 323577	37.18 1.65 0.00	37.96 1.62 0.00	44.52 1.92 0.00	39.53 1.74 0.00	32.67 1.43 0.00	37.68 1.66 0.00	37.43 1.65 0.00	31.86 1.44 0.00	33.10 1.51 0.00	35.10 1.57 0.00	46.66 2.02 0.00	44.29 1.87 0.00	35.04 1.42 -2.13	32.54 1.43 0.00	31.85 1.41 -0.01	32.86 1.45 -0.07	41.01 1.30 -12.84	39.03 1.90 0.00	41.67 1.84 0.00	36.86 1.53 0.00	32.89 1.39 0.00	31.35 1.26 0.00	30.38 1.15 0.00	26.36 0.95 0.00
COOPERNY_115KV_TB1 80082	36.46 0.93 0.00	37.24 0.90 0.00	43.71 1.11 0.00	38.78 0.98 0.00	32.05 0.81 0.00	36.92 0.90 0.00	36.66 0.88 0.00	31.22 0.79 0.00	32.45 0.86 0.00	34.44 0.90 0.00	45.96 1.31 0.00	43.71 1.28 0.00	33.72 0.97 -1.26	32.10 0.99 0.00	31.42 0.97 0.00	32.37 0.98 -0.04	35.37 0.90 -7.60	38.47 1.34 0.00	41.02 1.19 0.00	36.24 0.91 0.00	32.31 0.81 0.00	30.86 0.77 0.00	29.94 0.70 0.00	25.97 0.57 0.00
COPENHAGEN_WT_PWR 323753	34.98 -0.55 0.00	35.51 -0.83 0.00	42.12 -0.48 0.00	37.40 -0.39 0.00	30.88 -0.36 0.00	35.53 -0.49 0.00	35.08 -0.70 0.00	30.05 -0.38 0.00	31.26 -0.34 0.00	33.14 -0.39 0.00	43.44 -1.21 0.00	41.00 -1.42 0.00	30.60 -0.99 -0.09	30.16 -0.94 0.00	29.83 -0.61 0.00	30.43 -0.92 0.00	26.78 -0.66 -0.57	36.22 -0.91 0.00	38.64 -1.19 0.00	34.29 -1.04 0.00	30.58 -0.92 0.00	29.29 -0.80 0.00	28.51 -0.73 0.00	24.76 -0.65 0.00
CORNELL_____ 23752	35.29 -0.24 0.00	36.05 -0.29 0.00	42.22 -0.38 0.00	37.43 -0.36 0.00	30.99 -0.25 0.00	35.73 -0.29 0.00	35.46 -0.32 0.00	30.14 -0.29 0.00	31.36 -0.23 0.00	33.21 -0.32 0.00	44.05 -0.60 0.00	41.83 -0.59 0.00	31.58 -0.28 -0.37	31.18 0.07 0.00	30.51 0.06 0.00	31.50 0.15 -0.01	29.35 0.23 -2.25	37.53 0.40 0.00	40.05 0.21 0.00	35.33 -0.01 0.00	31.54 0.04 0.00	30.05 -0.05 0.00	29.17 -0.06 0.00	25.32 -0.09 0.00

CORONA__69_KV_TB1 355595	38.08 2.55 0.00	38.76 2.42 0.00	45.51 2.91 0.00	40.38 2.58 0.00	33.38 2.14 0.00	38.40 2.37 0.00	38.11 2.34 0.00	32.59 2.16 0.00	33.81 2.23 0.00	35.85 2.32 0.00	48.17 3.53 0.00	45.90 3.48 0.00	35.62 2.42 -1.71	33.51 2.40 0.00	32.85 2.40 -0.01	33.77 2.38 -0.05	39.25 2.07 -10.31	39.98 2.85 0.00	42.65 2.81 0.00	37.71 2.37 0.00	33.64 2.14 0.00	32.24 2.06 -0.09	31.08 1.85 0.00	26.94 1.53 0.00
CORTLAND__115KV_TB3 80093	35.16 -0.37 0.00	35.91 -0.43 0.00	42.09 -0.51 0.00	37.32 -0.48 0.00	30.90 -0.34 0.00	35.63 -0.39 0.00	35.35 -0.43 0.00	30.04 -0.39 0.00	31.24 -0.35 0.00	33.13 -0.41 0.00	44.04 -0.61 0.00	41.83 -0.59 0.00	31.44 -0.36 -0.31	31.04 -0.07 0.00	30.37 -0.07 0.00	31.34 -0.01 -0.01	28.77 0.05 -1.84	37.25 0.12 0.00	39.73 -0.10 0.00	35.08 -0.26 0.00	31.32 -0.18 0.00	29.84 -0.25 0.00	28.98 -0.26 0.00	25.17 -0.24 0.00
COXSACKIE__GT 23611	38.65 3.12 0.00	39.39 3.05 0.00	46.19 3.59 0.00	40.98 3.19 0.00	33.89 2.65 0.00	39.14 3.12 0.00	38.90 3.12 0.00	33.22 2.79 0.00	34.61 3.02 0.00	36.75 3.21 0.00	48.76 4.11 0.00	46.04 3.61 0.00	36.08 2.60 -1.99	33.55 2.44 0.00	32.92 2.47 -0.01	34.13 2.72 -0.06	41.39 2.50 -12.02	40.80 3.67 0.00	43.50 3.66 0.00	38.35 3.01 0.00	34.20 2.70 0.00	32.52 2.43 0.00	31.43 2.20 0.00	27.23 1.82 0.00
CPV_VALLEY__CC1 323721	36.61 1.08 0.00	37.40 1.06 0.00	43.90 1.30 0.00	38.95 1.16 0.00	32.18 0.95 0.00	37.08 1.06 0.00	36.80 1.03 0.00	31.36 0.93 0.00	32.60 1.01 0.00	34.59 1.06 0.00	46.20 1.55 0.00	43.94 1.51 0.00	34.06 1.14 -1.44	32.25 1.14 0.00	31.57 1.12 0.00	32.52 1.14 -0.05	36.57 1.03 -8.67	38.68 1.55 0.00	41.20 1.37 0.00	36.38 1.04 0.00	32.42 0.93 0.00	30.98 0.89 0.00	30.05 0.82 0.00	26.07 0.66 0.00
CPV_VALLEY__CC2 323722	36.61 1.08 0.00	37.40 1.06 0.00	43.90 1.30 0.00	38.95 1.16 0.00	32.18 0.95 0.00	37.08 1.06 0.00	36.80 1.03 0.00	31.36 0.93 0.00	32.60 1.01 0.00	34.59 1.06 0.00	46.20 1.55 0.00	43.94 1.51 0.00	34.06 1.14 -1.44	32.25 1.14 0.00	31.57 1.12 0.00	32.52 1.14 -0.05	36.57 1.03 -8.67	38.68 1.55 0.00	41.20 1.37 0.00	36.38 1.04 0.00	32.42 0.93 0.00	30.98 0.89 0.00	30.05 0.82 0.00	26.07 0.66 0.00
CRESCENT__HYD 24018	37.18 1.65 0.00	37.96 1.62 0.00	44.52 1.92 0.00	39.53 1.74 0.00	32.67 1.43 0.00	37.68 1.66 0.00	37.43 1.65 0.00	31.86 1.44 0.00	33.10 1.51 0.00	35.10 1.57 0.00	46.66 2.02 0.00	44.29 1.87 0.00	35.04 1.42 -2.13	32.54 1.43 0.00	31.85 1.41 -0.01	32.86 1.45 -0.07	41.01 1.30 -12.84	39.03 1.90 0.00	41.67 1.84 0.00	36.86 1.53 0.00	32.89 1.39 0.00	31.35 1.26 0.00	30.38 1.15 0.00	26.36 0.95 0.00
CRICKET__VALLEY_CC1 323756	37.25 1.72 0.00	37.98 1.64 0.00	44.57 1.97 0.00	39.51 1.72 0.00	32.64 1.41 0.00	37.62 1.60 0.00	37.31 1.53 0.00	31.80 1.37 0.00	33.07 1.48 0.00	35.10 1.57 0.00	46.90 2.26 0.00	44.60 2.18 0.00	34.91 1.62 -1.80	32.72 1.61 0.00	32.04 1.59 -0.01	33.00 1.61 -0.06	39.12 1.42 -10.83	39.19 2.06 0.00	41.76 1.93 0.00	36.89 1.55 0.00	32.91 1.41 0.00	31.40 1.30 0.00	30.40 1.17 0.00	26.37 0.97 0.00
CRICKET__VALLEY_CC2 323757	37.25 1.72 0.00	37.98 1.64 0.00	44.57 1.97 0.00	39.51 1.72 0.00	32.64 1.41 0.00	37.62 1.60 0.00	37.31 1.53 0.00	31.80 1.37 0.00	33.07 1.48 0.00	35.10 1.57 0.00	46.90 2.26 0.00	44.60 2.18 0.00	34.91 1.62 -1.80	32.72 1.61 0.00	32.04 1.59 -0.01	33.00 1.61 -0.06	39.12 1.42 -10.83	39.19 2.06 0.00	41.76 1.93 0.00	36.89 1.55 0.00	32.91 1.41 0.00	31.40 1.30 0.00	30.40 1.17 0.00	26.37 0.97 0.00
CRICKET__VALLEY_CC3 323758	37.25 1.72 0.00	37.98 1.64 0.00	44.57 1.97 0.00	39.51 1.72 0.00	32.64 1.41 0.00	37.62 1.60 0.00	37.31 1.53 0.00	31.80 1.37 0.00	33.07 1.48 0.00	35.10 1.57 0.00	46.90 2.26 0.00	44.60 2.18 0.00	34.91 1.62 -1.80	32.72 1.61 0.00	32.04 1.59 -0.01	33.00 1.61 -0.06	39.12 1.42 -10.83	39.19 2.06 0.00	41.76 1.93 0.00	36.89 1.55 0.00	32.91 1.41 0.00	31.40 1.30 0.00	30.40 1.17 0.00	26.37 0.97 0.00
CRUCIBLE_METL_DRP 24180	34.68 -0.85 0.00	35.44 -0.90 0.00	41.52 -1.08 0.00	36.84 -0.95 0.00	30.49 -0.74 0.00	35.17 -0.85 0.00	34.90 -0.87 0.00	29.67 -0.76 0.00	30.83 -0.76 0.00	32.68 -0.85 0.00	43.46 -1.18 0.00	41.30 -1.13 0.00	30.94 -0.72 -0.17	30.66 -0.45 0.00	30.00 -0.44 0.00	30.92 -0.43 -0.01	27.59 -0.32 -1.04	36.67 -0.46 0.00	39.15 -0.69 0.00	34.64 -0.69 0.00	30.90 -0.60 0.00	29.50 -0.59 0.00	28.65 -0.58 0.00	24.89 -0.51 0.00
DAHOWA__HYDRO 323763	37.43 1.90 0.00	38.23 1.89 0.00	44.77 2.17 0.00	39.78 1.99 0.00	32.88 1.65 0.00	37.92 1.90 0.00	37.75 1.97 0.00	32.16 1.73 0.00	33.41 1.82 0.00	35.46 1.93 0.00	47.13 2.48 0.00	44.78 2.36 0.00	35.40 1.74 -2.16	32.87 1.76 0.00	32.16 1.71 -0.01	33.22 1.81 -0.07	41.55 1.65 -13.03	39.54 2.41 0.00	42.22 2.39 0.00	37.32 1.98 0.00	33.25 1.75 0.00	31.65 1.55 0.00	30.65 1.42 0.00	26.59 1.18 0.00
DANC__LFGE 323619	34.68 -0.85 0.00	35.29 -1.05 0.00	41.67 -0.93 0.00	36.98 -0.81 0.00	30.56 -0.67 0.00	35.17 -0.85 0.00	34.77 -1.01 0.00	29.70 -0.73 0.00	30.88 -0.71 0.00	32.79 -0.75 0.00	43.21 -1.43 0.00	40.90 -1.52 0.00	30.54 -1.05 -0.11	30.19 -0.92 0.00	29.74 -0.70 0.00	30.46 -0.89 0.00	26.85 -0.69 -0.66	36.14 -0.99 0.00	38.56 -1.27 0.00	34.20 -1.14 0.00	30.48 -1.02 0.00	29.19 -0.90 0.00	28.41 -0.83 0.00	24.67 -0.74 0.00
DANSKAMMER__1 23586	37.73 2.20 0.00	38.48 2.13 0.00	45.15 2.55 0.00	40.03 2.24 0.00	33.07 1.84 0.00	38.12 2.10 0.00	37.86 2.08 0.00	32.28 1.84 0.00	33.57 1.98 0.00	35.66 2.13 0.00	47.68 3.03 0.00	45.36 2.94 0.00	35.35 2.18 -1.68	33.27 2.16 0.00	32.56 2.12 -0.01	33.56 2.16 -0.05	38.93 1.94 -10.11	39.94 2.81 0.00	42.52 2.68 0.00	37.53 2.20 0.00	33.45 1.95 0.00	31.90 1.80 0.00	30.88 1.65 0.00	26.76 1.35 0.00
DANSKAMMER__2 23589	37.73 2.20 0.00	38.48 2.13 0.00	45.15 2.55 0.00	40.03 2.24 0.00	33.07 1.84 0.00	38.12 2.10 0.00	37.86 2.08 0.00	32.28 1.84 0.00	33.57 1.98 0.00	35.66 2.13 0.00	47.68 3.03 0.00	45.36 2.94 0.00	35.35 2.18 -1.68	33.27 2.16 0.00	32.56 2.12 -0.01	33.56 2.16 -0.05	38.93 1.94 -10.11	39.94 2.81 0.00	42.52 2.68 0.00	37.53 2.20 0.00	33.45 1.95 0.00	31.90 1.80 0.00	30.88 1.65 0.00	26.76 1.35 0.00
DANSKAMMER__3 23590	37.73 2.20 0.00	38.48 2.13 0.00	45.15 2.55 0.00	40.03 2.24 0.00	33.07 1.84 0.00	38.12 2.10 0.00	37.86 2.08 0.00	32.28 1.84 0.00	33.57 1.98 0.00	35.66 2.13 0.00	47.68 3.03 0.00	45.36 2.94 0.00	35.35 2.18 -1.68	33.27 2.16 0.00	32.56 2.12 -0.01	33.56 2.16 -0.05	38.93 1.94 -10.11	39.94 2.81 0.00	42.52 2.68 0.00	37.53 2.20 0.00	33.45 1.95 0.00	31.90 1.80 0.00	30.88 1.65 0.00	26.76 1.35 0.00

DANSKAMMER___4 23591	37.73 2.20 0.00	38.48 2.13 0.00	45.15 2.55 0.00	40.03 2.24 0.00	33.07 1.84 0.00	38.12 2.10 0.00	37.86 2.08 0.00	32.28 1.84 0.00	33.57 1.98 0.00	35.66 2.13 0.00	47.68 3.03 0.00	45.36 2.94 0.00	35.35 2.18 -1.68	33.27 2.16 0.00	32.56 2.12 -0.01	33.56 2.16 -0.05	38.93 1.94 -10.11	39.94 2.81 0.00	42.52 2.68 0.00	37.53 2.20 0.00	33.45 1.95 0.00	31.90 1.80 0.00	30.88 1.65 0.00	26.76 1.35 0.00
DANSKAMMER___DIESEL 23592	37.73 2.20 0.00	38.47 2.13 0.00	45.15 2.55 0.00	40.03 2.24 0.00	33.08 1.84 0.00	38.12 2.10 0.00	37.85 2.08 0.00	32.28 1.85 0.00	33.57 1.98 0.00	35.66 2.12 0.00	47.68 3.03 0.00	45.36 2.94 0.00	35.35 2.18 -1.68	33.26 2.16 0.00	32.56 2.12 -0.01	33.56 2.17 -0.05	38.93 1.94 -10.11	39.94 2.81 0.00	42.52 2.68 0.00	37.53 2.19 0.00	33.45 1.95 0.00	31.90 1.80 0.00	30.88 1.65 0.00	26.76 1.35 0.00
DARBY___SOLAR 323810	37.36 1.82 0.00	38.15 1.81 0.00	44.70 2.10 0.00	39.70 1.91 0.00	32.82 1.58 0.00	37.85 1.82 0.00	37.66 1.88 0.00	32.08 1.65 0.00	33.33 1.74 0.00	35.37 1.83 0.00	47.02 2.37 0.00	44.67 2.25 0.00	35.32 1.67 -2.16	32.79 1.69 0.00	32.08 1.63 -0.01	33.13 1.72 -0.07	41.44 1.57 -13.00	39.42 2.29 0.00	42.10 2.26 0.00	37.21 1.88 0.00	33.17 1.67 0.00	31.58 1.49 0.00	30.59 1.36 0.00	26.54 1.14 0.00
DASHVILLE___HYD 23610	38.15 2.62 0.00	38.86 2.52 0.00	45.61 3.01 0.00	40.41 2.62 0.00	33.40 2.16 0.00	38.49 2.46 0.00	38.23 2.45 0.00	32.62 2.19 0.00	33.95 2.36 0.00	36.08 2.54 0.00	48.27 3.62 0.00	45.95 3.53 0.00	35.77 2.57 -1.72	33.62 2.51 0.00	32.91 2.46 -0.01	33.93 2.54 -0.05	39.50 2.29 -10.34	40.49 3.36 0.00	43.09 3.26 0.00	38.01 2.67 0.00	33.85 2.35 0.00	32.26 2.17 0.00	31.21 1.98 0.00	27.00 1.60 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	39.45 3.92 0.00	39.97 3.63 0.00	46.94 4.34 0.00	41.69 3.90 0.00	34.61 3.37 0.00	39.85 3.83 0.00	39.56 3.79 0.00	33.96 3.53 0.00	35.08 3.49 0.00	36.84 3.31 0.00	49.76 5.11 0.00	47.20 4.78 0.00	36.16 2.96 -1.71	33.99 2.88 0.00	33.63 3.18 -0.01	34.40 3.01 -0.05	39.71 2.53 -10.31	40.72 3.59 0.00	43.61 3.78 0.00	38.57 3.24 0.00	34.42 2.93 0.00	32.97 2.83 -0.05	31.49 2.25 0.00	27.13 1.72 0.00
DELAWARE___LFGE 323621	36.28 0.74 0.00	37.03 0.69 0.00	43.41 0.81 0.00	38.51 0.72 0.00	31.85 0.62 0.00	36.72 0.69 0.00	36.44 0.67 0.00	31.01 0.59 0.00	32.24 0.65 0.00	34.24 0.71 0.00	45.67 1.02 0.00	43.44 1.02 0.00	33.03 0.80 -0.74	32.01 0.90 0.00	31.30 0.86 0.00	32.27 0.90 -0.02	32.15 0.84 -4.45	38.35 1.22 0.00	40.95 1.11 0.00	36.19 0.86 0.00	32.28 0.78 0.00	30.77 0.68 0.00	29.84 0.61 0.00	25.91 0.51 0.00
DERFIELD_115KV_TB7 355931	35.63 0.10 0.00	36.41 0.07 0.00	42.68 0.08 0.00	37.90 0.11 0.00	31.32 0.07 0.00	36.09 0.07 0.00	35.84 0.07 0.00	30.49 0.06 0.00	31.66 0.07 0.00	33.61 0.07 0.00	44.78 0.13 0.00	42.55 0.13 0.00	31.59 0.10 0.00	31.19 0.08 0.00	30.53 0.09 0.00	31.43 0.08 0.00	26.97 0.10 0.00	37.32 0.19 0.00	39.95 0.12 0.00	35.38 0.05 0.00	31.56 0.06 0.00	30.17 0.08 0.00	29.29 0.06 0.00	25.44 0.03 0.00
DOGLEVILLE___HYD 23807	36.40 0.87 0.00	37.14 0.80 0.00	43.47 0.87 0.00	38.66 0.86 0.00	32.00 0.77 0.00	36.91 0.89 0.00	36.55 0.77 0.00	31.17 0.74 0.00	32.50 0.91 0.00	34.65 1.12 0.00	46.14 1.50 0.00	43.76 1.33 0.00	32.37 0.88 0.00	32.05 0.94 0.00	31.38 0.94 0.00	32.43 1.09 0.00	27.92 1.05 0.00	38.79 1.66 0.00	41.27 1.43 0.00	36.37 1.03 0.00	32.45 0.95 0.00	30.93 0.85 0.00	29.90 0.67 0.00	25.86 0.45 0.00
DUNKIRK___115KV_TB_200 55889	31.66 -3.87 0.00	32.43 -3.91 0.00	37.93 -4.67 0.00	33.68 -4.11 0.00	27.86 -3.38 0.00	32.33 -3.69 0.00	31.67 -3.99 0.12	20.60 -4.00 5.82	27.30 -4.29 0.00	29.11 -4.42 0.00	38.82 -5.83 0.00	37.38 -5.04 0.00	28.49 -3.29 -0.29	28.77 -2.34 0.00	27.97 -2.47 0.00	29.15 -2.19 -0.01	26.55 -2.06 -1.75	34.48 -2.65 0.00	36.24 -3.59 0.00	32.16 -3.17 0.00	28.73 -2.77 0.00	27.38 -2.71 0.00	26.68 -2.55 0.00	23.11 -2.30 0.00
DUNKIRK___1 23563	31.66 -3.87 0.00	32.43 -3.91 0.00	37.93 -4.67 0.00	33.68 -4.11 0.00	27.86 -3.38 0.00	32.33 -3.69 0.00	31.67 -3.99 0.12	20.60 -4.00 5.82	27.30 -4.29 0.00	29.11 -4.42 0.00	38.82 -5.83 0.00	37.38 -5.04 0.00	28.49 -3.29 -0.29	28.77 -2.34 0.00	27.97 -2.47 0.00	29.15 -2.19 -0.01	26.55 -2.06 -1.75	34.48 -2.65 0.00	36.24 -3.59 0.00	32.16 -3.17 0.00	28.73 -2.77 0.00	27.38 -2.71 0.00	26.68 -2.55 0.00	23.11 -2.30 0.00
DUNKIRK___2 23564	31.66 -3.87 0.00	32.43 -3.91 0.00	37.93 -4.67 0.00	33.68 -4.11 0.00	27.86 -3.38 0.00	32.33 -3.69 0.00	31.67 -3.99 0.12	20.60 -4.00 5.82	27.30 -4.29 0.00	29.11 -4.42 0.00	38.82 -5.83 0.00	37.38 -5.04 0.00	28.49 -3.29 -0.29	28.77 -2.34 0.00	27.97 -2.47 0.00	29.15 -2.19 -0.01	26.55 -2.06 -1.75	34.48 -2.65 0.00	36.24 -3.59 0.00	32.16 -3.17 0.00	28.73 -2.77 0.00	27.38 -2.71 0.00	26.68 -2.55 0.00	23.11 -2.30 0.00
DUNKIRK___3 23565	31.75 -3.78 0.00	32.53 -3.81 0.00	38.02 -4.58 0.00	33.75 -4.04 0.00	27.93 -3.30 0.00	32.39 -3.63 0.00	31.71 -3.92 0.14	20.08 -3.93 6.42	27.36 -4.23 0.00	29.15 -4.39 0.00	38.85 -5.80 0.00	37.37 -5.05 0.00	28.45 -3.32 -0.29	28.74 -2.37 0.00	27.93 -2.51 0.00	29.07 -2.29 -0.01	26.45 -2.14 -1.73	34.33 -2.80 0.00	36.17 -3.66 0.00	32.10 -3.24 0.00	28.65 -2.85 0.00	27.30 -2.79 0.00	26.61 -2.63 0.00	23.05 -2.36 0.00
DUNKIRK___4 23566	31.75 -3.78 0.00	32.53 -3.81 0.00	38.02 -4.58 0.00	33.75 -4.04 0.00	27.93 -3.30 0.00	32.39 -3.63 0.00	31.71 -3.92 0.14	20.08 -3.93 6.42	27.36 -4.23 0.00	29.15 -4.39 0.00	38.85 -5.80 0.00	37.37 -5.05 0.00	28.45 -3.32 -0.29	28.74 -2.37 0.00	27.93 -2.51 0.00	29.07 -2.29 -0.01	26.45 -2.14 -1.73	34.33 -2.80 0.00	36.17 -3.66 0.00	32.10 -3.24 0.00	28.65 -2.85 0.00	27.30 -2.79 0.00	26.61 -2.63 0.00	23.05 -2.36 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	37.50 1.97 0.00	38.22 1.88 0.00	44.87 2.28 0.00	39.79 2.00 0.00	32.88 1.65 0.00	37.88 1.86 0.00	37.60 1.82 0.00	32.06 1.63 0.00	33.33 1.74 0.00	35.37 1.83 0.00	47.34 2.69 0.00	45.06 2.63 0.00	35.16 1.97 -1.71	33.02 1.92 0.00	32.33 1.89 -0.01	33.31 1.91 -0.05	38.86 1.69 -10.30	39.57 2.43 0.00	42.12 2.28 0.00	37.20 1.86 0.00	33.17 1.68 0.00	31.63 1.54 0.00	30.62 1.39 0.00	26.54 1.14 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	37.34 1.81 0.00	38.10 1.76 0.00	44.72 2.12 0.00	39.66 1.87 0.00	32.76 1.53 0.00	37.76 1.73 0.00	37.48 1.71 0.00	31.95 1.53 0.00	33.23 1.64 0.00	35.28 1.75 0.00	47.17 2.52 0.00	44.88 2.46 0.00	34.92 1.82 -1.61	32.91 1.81 0.00	32.23 1.78 -0.01	33.21 1.81 -0.05	38.23 1.63 -9.73	39.53 2.40 0.00	42.08 2.25 0.00	37.14 1.80 0.00	33.09 1.59 0.00	31.59 1.50 0.00	30.61 1.38 0.00	26.52 1.12 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	37.42 1.89 0.00	38.17 1.83 0.00	44.86 2.27 0.00	39.76 1.96 0.00	32.85 1.61 0.00	37.84 1.82 0.00	37.55 1.77 0.00	32.01 1.59 0.00	33.31 1.72 0.00	35.32 1.79 0.00	47.32 2.68 0.00	45.00 2.57 0.00	35.15 1.95 -1.71	33.01 1.90 0.00	32.31 1.87 -0.01	33.30 1.91 -0.05	38.86 1.69 -10.30	39.55 2.42 0.00	42.08 2.25 0.00	37.18 1.84 0.00	33.17 1.67 0.00	31.63 1.54 0.00	30.60 1.37 0.00	26.51 1.10 0.00
E179THST_13_KV_LOAD 356214	37.59 2.06 0.00	38.31 1.97 0.00	45.02 2.42 0.00	39.90 2.11 0.00	32.96 1.72 0.00	37.97 1.95 0.00	37.69 1.91 0.00	32.13 1.70 0.00	33.44 1.85 0.00	35.46 1.93 0.00	47.52 2.87 0.00	45.19 2.77 0.00	35.31 2.11 -1.71	33.17 2.06 0.00	32.47 2.02 -0.01	33.46 2.07 -0.05	39.00 1.82 -10.30	39.74 2.61 0.00	42.29 2.46 0.00	37.36 2.02 0.00	33.33 1.83 0.00	31.77 1.68 0.00	30.74 1.51 0.00	26.62 1.22 0.00
EAST HAMPTON___GT 23717	39.62 4.09 0.00	40.08 3.74 0.00	47.07 4.48 0.00	41.87 4.08 0.00	34.81 3.57 0.00	40.19 4.16 0.00	39.86 4.09 0.00	34.21 3.78 0.00	35.24 3.65 0.00	36.82 3.29 0.00	49.82 5.17 0.00	47.06 4.63 0.00	35.92 2.73 -1.71	33.68 2.57 0.00	33.29 2.84 -0.01	33.99 2.60 -0.05	39.34 2.16 -10.31	40.25 3.12 0.00	43.23 3.39 0.00	38.26 2.92 0.00	34.17 2.67 0.00	32.68 2.54 -0.05	30.98 1.74 0.00	26.63 1.22 0.00
EAST RIVER___6 23660	37.41 1.88 0.00	38.12 1.78 0.00	44.77 2.18 0.00	39.71 1.92 0.00	32.80 1.56 0.00	37.79 1.77 0.00	37.53 1.76 0.00	32.00 1.57 0.00	33.28 1.69 0.00	35.32 1.79 0.00	47.34 2.69 0.00	45.06 2.64 0.00	35.19 2.00 -1.71	33.02 1.91 0.00	32.33 1.88 -0.01	33.31 1.91 -0.05	38.86 1.69 -10.30	39.56 2.43 0.00	42.10 2.26 0.00	37.16 1.82 0.00	33.13 1.63 0.00	31.60 1.50 0.00	30.56 1.33 0.00	26.49 1.08 0.00
EAST RIVER___7 23524	37.41 1.88 0.00	38.12 1.78 0.00	44.77 2.18 0.00	39.71 1.92 0.00	32.80 1.56 0.00	37.79 1.77 0.00	37.53 1.76 0.00	32.00 1.57 0.00	33.28 1.69 0.00	35.32 1.79 0.00	47.34 2.69 0.00	45.06 2.64 0.00	35.19 2.00 -1.71	33.02 1.91 0.00	32.33 1.88 -0.01	33.31 1.91 -0.05	38.86 1.69 -10.30	39.56 2.43 0.00	42.10 2.26 0.00	37.16 1.82 0.00	33.13 1.63 0.00	31.60 1.50 0.00	30.56 1.33 0.00	26.49 1.08 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	37.41 1.88 0.00	38.13 1.79 0.00	44.78 2.18 0.00	39.71 1.92 0.00	32.80 1.57 0.00	37.80 1.78 0.00	37.52 1.75 0.00	31.99 1.57 0.00	33.26 1.67 0.00	35.30 1.76 0.00	47.24 2.59 0.00	44.96 2.54 0.00	35.09 1.89 -1.71	32.95 1.85 0.00	32.27 1.83 -0.01	33.24 1.85 -0.05	38.80 1.63 -10.29	39.49 2.36 0.00	42.05 2.22 0.00	37.13 1.79 0.00	33.11 1.61 0.00	31.58 1.49 0.00	30.56 1.33 0.00	26.49 1.08 0.00
EAST_HAMPTON___DIESEL 23722	39.60 4.07 0.00	40.05 3.71 0.00	47.04 4.44 0.00	41.84 4.05 0.00	34.80 3.56 0.00	40.18 4.16 0.00	39.86 4.08 0.00	34.21 3.78 0.00	35.21 3.62 0.00	36.78 3.25 0.00	49.76 5.12 0.00	46.98 4.56 0.00	35.85 2.66 -1.71	33.59 2.49 0.00	33.20 2.76 -0.01	33.90 2.51 -0.05	39.26 2.08 -10.31	40.14 3.01 0.00	43.13 3.30 0.00	38.16 2.83 0.00	34.09 2.60 0.00	32.61 2.47 -0.05	30.88 1.65 0.00	26.55 1.15 0.00
EAST_POINT___SOLAR 323840	37.80 2.27 0.00	38.54 2.20 0.00	45.14 2.54 0.00	40.04 2.25 0.00	33.11 1.88 0.00	38.27 2.25 0.00	37.96 2.19 0.00	32.36 1.93 0.00	33.63 2.04 0.00	35.79 2.25 0.00	47.36 2.71 0.00	44.86 2.44 0.00	35.54 1.69 -2.36	32.81 1.70 0.00	32.27 1.82 -0.01	33.59 2.18 -0.07	43.15 2.03 -14.25	39.97 2.84 0.00	42.82 2.98 0.00	37.90 2.57 0.00	33.76 2.27 0.00	32.16 2.07 0.00	31.17 1.94 0.00	27.04 1.63 0.00
EAST_PULASKI___ESR 323781	34.43 -1.10 0.00	35.12 -1.22 0.00	41.28 -1.32 0.00	36.62 -1.18 0.00	30.29 -0.94 0.00	34.89 -1.14 0.00	34.54 -1.24 0.00	29.44 -0.99 0.00	30.57 -1.02 0.00	32.49 -1.05 0.00	43.04 -1.61 0.00	40.88 -1.54 0.00	30.54 -1.08 -0.12	30.26 -0.85 0.00	29.69 -0.75 0.00	30.51 -0.83 0.00	26.95 -0.67 -0.75	36.13 -1.00 0.00	38.58 -1.26 0.00	34.18 -1.16 0.00	30.46 -1.04 0.00	29.15 -0.95 0.00	28.34 -0.89 0.00	24.62 -0.79 0.00
EAST_RIVER___1 323558	37.41 1.88 0.00	38.13 1.78 0.00	44.78 2.18 0.00	39.72 1.92 0.00	32.80 1.56 0.00	37.80 1.78 0.00	37.53 1.76 0.00	32.00 1.57 0.00	33.27 1.68 0.00	35.31 1.78 0.00	47.31 2.66 0.00	45.04 2.62 0.00	35.17 1.97 -1.71	33.00 1.90 0.00	32.32 1.87 -0.01	33.29 1.89 -0.05	38.84 1.67 -10.30	39.53 2.40 0.00	42.08 2.24 0.00	37.14 1.81 0.00	33.12 1.62 0.00	31.59 1.49 0.00	30.56 1.33 0.00	26.49 1.09 0.00
EAST_RIVER___2 323559	37.41 1.88 0.00	38.12 1.78 0.00	44.77 2.18 0.00	39.71 1.92 0.00	32.80 1.56 0.00	37.79 1.77 0.00	37.53 1.76 0.00	32.00 1.57 0.00	33.28 1.69 0.00	35.32 1.79 0.00	47.34 2.69 0.00	45.06 2.64 0.00	35.19 2.00 -1.71	33.02 1.91 0.00	32.33 1.88 -0.01	33.31 1.91 -0.05	38.86 1.69 -10.30	39.56 2.43 0.00	42.10 2.26 0.00	37.16 1.82 0.00	33.13 1.63 0.00	31.60 1.50 0.00	30.56 1.33 0.00	26.49 1.08 0.00
EAST___DELAWARE_HYD 23607	36.98 1.45 0.00	37.67 1.33 0.00	44.18 1.58 0.00	39.17 1.38 0.00	32.37 1.14 0.00	37.31 1.29 0.00	37.08 1.30 0.00	31.64 1.21 0.00	32.92 1.32 0.00	34.97 1.44 0.00	46.74 2.09 0.00	44.49 2.07 0.00	34.49 1.48 -1.52	32.58 1.47 0.00	31.86 1.42 0.00	32.85 1.46 -0.05	37.43 1.38 -9.17	39.19 2.06 0.00	41.74 1.91 0.00	36.84 1.50 0.00	32.81 1.31 0.00	31.29 1.20 0.00	30.29 1.06 0.00	26.21 0.81 0.00
EIGHT_POINT___WT_PWR 323820	32.45 -3.08 0.00	33.11 -3.23 0.00	38.56 -4.04 0.00	34.17 -3.62 0.00	28.45 -2.79 0.00	32.83 -3.20 0.00	32.65 -3.57 -0.44	47.97 -3.27 -20.81	28.29 -3.30 0.00	30.06 -3.48 0.00	40.15 -4.50 0.00	38.55 -3.88 0.00	29.25 -2.60 -0.35	29.05 -2.06 0.00	28.45 -1.99 0.00	29.61 -1.74 -0.01	27.46 -1.54 -2.14	35.05 -2.08 0.00	36.98 -2.85 0.00	32.51 -2.82 0.00	28.79 -2.71 0.00	27.25 -2.84 0.00	26.55 -2.68 0.00	22.90 -2.51 0.00
ELBRIDGE_115KV_TB2 80188	34.47 -1.06 0.00	35.23 -1.11 0.00	41.27 -1.33 0.00	36.64 -1.15 0.00	30.32 -0.92 0.00	34.95 -1.07 0.00	34.69 -1.09 0.00	29.47 -0.96 0.00	30.65 -0.94 0.00	32.46 -1.08 0.00	43.17 -1.48 0.00	41.02 -1.40 0.00	30.75 -0.92 -0.18	30.46 -0.65 0.00	29.81 -0.63 0.00	30.72 -0.62 -0.01	27.48 -0.49 -1.10	36.43 -0.70 0.00	38.90 -0.93 0.00	34.41 -0.93 0.00	30.69 -0.81 0.00	29.33 -0.76 0.00	28.49 -0.75 0.00	24.76 -0.65 0.00
ELEC_TRO_TEK 24086	37.90 2.36 0.00	38.58 2.24 0.00	45.32 2.72 0.00	40.21 2.42 0.00	33.24 2.01 0.00	38.23 2.20 0.00	37.98 2.21 0.00	32.48 2.05 0.00	33.69 2.10 0.00	35.70 2.16 0.00	47.96 3.31 0.00	45.68 3.26 0.00	35.45 2.25 -1.71	33.34 2.24 0.00	32.69 2.25 -0.01	33.62 2.22 -0.05	39.11 1.93 -10.31	39.80 2.67 0.00	42.46 2.62 0.00	37.55 2.21 0.00	33.50 2.01 0.00	32.10 1.93 -0.09	30.94 1.71 0.00	26.81 1.40 0.00

ELLENBURG_WT_PWR 323604	36.20 0.67 0.00	37.05 0.71 0.00	43.29 0.69 0.00	38.35 0.56 0.00	31.68 0.44 0.00	36.55 0.53 0.00	36.42 0.65 0.00	31.01 0.58 0.00	32.13 0.54 0.00	34.14 0.61 0.00	45.44 0.79 0.00	43.14 0.72 0.00	31.74 0.25 0.00	29.63 -1.47 0.00	28.87 -1.57 0.00	29.52 -1.83 0.00	25.99 -0.88 0.00	37.05 -0.07 0.00	39.98 0.15 0.00	35.74 0.40 0.00	31.70 0.20 0.00	30.35 0.26 0.00	29.51 0.27 0.00	25.70 0.30 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.75 -3.78 0.00	32.56 -3.78 0.00	38.02 -4.58 0.00	33.70 -4.09 0.00	27.92 -3.31 0.00	32.33 -3.70 0.00	31.68 -3.95 0.14	20.02 -3.94 6.47	27.30 -4.29 0.00	29.04 -4.50 0.00	38.68 -5.96 0.00	37.09 -5.33 0.00	28.21 -3.55 -0.28	28.50 -2.60 0.00	27.66 -2.78 0.00	28.71 -2.64 -0.01	26.11 -2.43 -1.68	33.81 -3.32 0.00	35.81 -4.03 0.00	31.82 -3.52 0.00	28.36 -3.13 0.00	27.02 -3.07 0.00	26.32 -2.91 0.00	22.79 -2.62 0.00
EMPIRE_CC_1 323656	37.01 1.48 0.00	37.78 1.44 0.00	44.33 1.73 0.00	39.37 1.58 0.00	32.53 1.30 0.00	37.52 1.49 0.00	37.26 1.48 0.00	31.71 1.28 0.00	32.94 1.35 0.00	34.86 1.32 0.00	46.13 1.48 0.00	43.76 1.33 0.00	34.56 1.05 -2.03	32.17 1.07 0.00	31.51 1.06 -0.01	32.48 1.08 -0.06	40.03 0.93 -12.22	38.51 1.37 0.00	41.08 1.25 0.00	36.36 1.03 0.00	32.56 1.06 0.00	31.06 0.97 0.00	30.10 0.87 0.00	26.10 0.69 0.00
EMPIRE_CC_2 323658	37.01 1.48 0.00	37.78 1.44 0.00	44.33 1.73 0.00	39.37 1.58 0.00	32.53 1.30 0.00	37.52 1.49 0.00	37.26 1.48 0.00	31.71 1.28 0.00	32.94 1.35 0.00	34.86 1.32 0.00	46.13 1.48 0.00	43.76 1.33 0.00	34.56 1.05 -2.03	32.17 1.07 0.00	31.51 1.06 -0.01	32.48 1.08 -0.06	40.03 0.93 -12.22	38.51 1.37 0.00	41.08 1.25 0.00	36.36 1.03 0.00	32.56 1.06 0.00	31.06 0.97 0.00	30.10 0.87 0.00	26.10 0.69 0.00
ENORWICH_115KV_TB1 80156	36.21 0.68 0.00	37.02 0.68 0.00	43.11 0.51 0.00	38.20 0.40 0.00	31.66 0.42 0.00	36.50 0.48 0.00	36.40 0.62 0.00	30.95 0.52 0.00	32.27 0.68 0.00	34.31 0.78 0.00	45.87 1.22 0.00	43.63 1.21 0.00	33.13 1.11 -0.52	32.84 1.73 0.00	32.01 1.57 0.00	33.19 1.83 -0.02	31.91 1.88 -3.16	39.84 2.71 0.00	42.52 2.69 0.00	37.45 2.11 0.00	33.40 1.90 0.00	31.62 1.53 0.00	30.66 1.42 0.00	26.51 1.11 0.00
ERIE_ST__34_KV_TB1-2 80199	32.53 -3.00 0.00	33.34 -3.00 0.00	38.94 -3.66 0.00	34.51 -3.28 0.00	28.59 -2.65 0.00	33.08 -2.94 0.00	32.47 -3.19 0.11	21.84 -3.24 5.35	28.03 -3.56 0.00	29.80 -3.74 0.00	39.71 -4.94 0.00	38.06 -4.36 0.00	28.90 -2.88 -0.29	29.17 -1.94 0.00	28.34 -2.10 0.00	29.37 -1.98 -0.01	26.73 -1.89 -1.75	34.63 -2.50 0.00	36.68 -3.15 0.00	32.54 -2.80 0.00	29.02 -2.48 0.00	27.63 -2.47 0.00	26.91 -2.32 0.00	23.30 -2.11 0.00
ERIE_WT_PWR 323693	32.01 -3.52 0.00	32.80 -3.54 0.00	38.31 -4.29 0.00	33.95 -3.84 0.00	28.12 -3.12 0.00	32.54 -3.48 0.00	31.87 -3.77 0.13	20.58 -3.73 6.12	27.50 -4.09 0.00	29.24 -4.30 0.00	38.95 -5.70 0.00	37.34 -5.08 0.00	28.40 -3.37 -0.28	28.69 -2.42 0.00	27.87 -2.57 0.00	28.92 -2.43 -0.01	26.35 -2.23 -1.72	34.13 -3.00 0.00	36.13 -3.71 0.00	32.08 -3.26 0.00	28.58 -2.92 0.00	27.21 -2.88 0.00	26.53 -2.70 0.00	22.96 -2.44 0.00
ESPRGFLD_115KV_TB1 80157	36.49 0.96 0.00	37.25 0.91 0.00	43.62 1.02 0.00	38.70 0.91 0.00	32.00 0.76 0.00	36.92 0.90 0.00	36.63 0.85 0.00	31.18 0.76 0.00	32.42 0.83 0.00	34.50 0.96 0.00	45.95 1.31 0.00	43.80 1.38 0.00	32.53 1.05 0.00	32.22 1.11 0.00	31.48 1.04 0.00	32.55 1.21 0.00	27.97 1.10 0.00	38.64 1.51 0.00	41.41 1.57 0.00	36.66 1.32 0.00	32.69 1.19 0.00	31.18 1.09 0.00	30.27 1.03 0.00	26.29 0.88 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.24 -0.30 0.00	35.99 -0.35 0.00	42.16 -0.44 0.00	37.37 -0.42 0.00	30.94 -0.29 0.00	35.67 -0.35 0.00	35.40 -0.38 0.00	30.09 -0.34 0.00	31.30 -0.29 0.00	33.17 -0.37 0.00	44.00 -0.65 0.00	41.79 -0.63 0.00	31.55 -0.32 -0.37	31.13 0.02 0.00	30.46 0.02 0.00	31.46 0.10 -0.01	29.31 0.19 -2.25	37.46 0.33 0.00	39.97 0.13 0.00	35.27 -0.07 0.00	31.48 -0.01 0.00	29.99 -0.10 0.00	29.13 -0.11 0.00	25.28 -0.12 0.00
ETNA____115KV_TB2 80207	35.24 -0.30 0.00	35.99 -0.35 0.00	42.16 -0.44 0.00	37.37 -0.42 0.00	30.94 -0.29 0.00	35.67 -0.35 0.00	35.40 -0.38 0.00	30.09 -0.34 0.00	31.30 -0.29 0.00	33.17 -0.37 0.00	44.00 -0.65 0.00	41.79 -0.63 0.00	31.55 -0.32 -0.37	31.13 0.02 0.00	30.46 0.02 0.00	31.46 0.10 -0.01	29.31 0.19 -2.25	37.46 0.33 0.00	39.97 0.13 0.00	35.27 -0.07 0.00	31.48 -0.01 0.00	29.99 -0.10 0.00	29.13 -0.11 0.00	25.28 -0.12 0.00
EUCLID__115KV_TB2 356179	34.31 -1.22 0.00	35.05 -1.29 0.00	41.08 -1.52 0.00	36.44 -1.35 0.00	30.18 -1.06 0.00	34.81 -1.22 0.00	34.54 -1.24 0.00	29.34 -1.09 0.00	30.46 -1.13 0.00	32.32 -1.22 0.00	42.98 -1.67 0.00	40.86 -1.56 0.00	30.59 -1.05 -0.14	30.33 -0.77 0.00	29.68 -0.76 0.00	30.58 -0.77 0.00	27.11 -0.63 -0.87	36.22 -0.91 0.00	38.67 -1.16 0.00	34.25 -1.09 0.00	30.54 -0.96 0.00	29.16 -0.93 0.00	28.32 -0.91 0.00	24.61 -0.80 0.00
E_CANADA_CAP_HY 24051	37.02 1.49 0.00	37.80 1.46 0.00	44.27 1.67 0.00	39.29 1.50 0.00	32.48 1.25 0.00	37.50 1.48 0.00	37.16 1.38 0.00	31.64 1.21 0.00	32.89 1.30 0.00	35.03 1.50 0.00	46.58 1.93 0.00	44.35 1.93 0.00	35.33 1.39 -2.46	32.45 1.34 0.00	31.73 1.28 -0.01	32.95 1.53 -0.08	43.04 1.37 -14.81	38.94 1.81 0.00	41.77 1.93 0.00	37.07 1.73 0.00	33.09 1.59 0.00	31.59 1.49 0.00	30.67 1.44 0.00	26.64 1.24 0.00
E_CANADA_MHWK_HY 24050	36.40 0.87 0.00	37.14 0.80 0.00	43.47 0.87 0.00	38.66 0.86 0.00	32.00 0.77 0.00	36.91 0.89 0.00	36.55 0.77 0.00	31.17 0.74 0.00	32.50 0.91 0.00	34.65 1.12 0.00	46.14 1.50 0.00	43.76 1.33 0.00	32.37 0.88 0.00	32.05 0.94 0.00	31.38 0.94 0.00	32.43 1.09 0.00	27.92 1.05 0.00	38.79 1.66 0.00	41.27 1.43 0.00	36.37 1.03 0.00	32.45 0.95 0.00	30.93 0.85 0.00	29.90 0.67 0.00	25.86 0.45 0.00
E_FISHKILL__LBMP 23776	37.24 1.71 0.00	37.97 1.63 0.00	44.58 1.98 0.00	39.54 1.74 0.00	32.66 1.43 0.00	37.64 1.62 0.00	37.36 1.58 0.00	31.84 1.42 0.00	33.10 1.51 0.00	35.13 1.60 0.00	46.97 2.33 0.00	44.69 2.27 0.00	34.91 1.69 -1.73	32.77 1.66 0.00	32.09 1.64 -0.01	33.06 1.66 -0.05	38.76 1.47 -10.42	39.26 2.14 0.00	41.83 1.99 0.00	36.94 1.61 0.00	32.95 1.45 0.00	31.43 1.34 0.00	30.44 1.20 0.00	26.39 0.99 0.00
FALCON____SEABRD_CC1 323796	36.45 0.91 0.00	37.34 1.00 0.00	43.64 1.04 0.00	38.61 0.82 0.00	31.89 0.65 0.00	36.76 0.74 0.00	36.64 0.87 0.00	31.20 0.77 0.00	32.32 0.73 0.00	34.32 0.79 0.00	45.68 1.03 0.00	43.38 0.96 0.00	31.99 0.50 0.00	29.88 -1.23 0.00	29.11 -1.33 0.00	29.80 -1.54 0.00	26.22 -0.65 0.00	37.33 0.20 0.00	40.26 0.43 0.00	35.98 0.65 0.00	31.92 0.43 0.00	30.54 0.45 0.00	29.72 0.48 0.00	25.98 0.57 0.00

FALCON___SEABRD_CC2 323797	36.45 0.91 0.00	37.34 1.00 0.00	43.64 1.04 0.00	38.61 0.82 0.00	31.89 0.65 0.00	36.76 0.74 0.00	36.64 0.87 0.00	31.20 0.77 0.00	32.32 0.73 0.00	34.32 0.79 0.00	45.68 1.03 0.00	43.38 0.96 0.00	31.99 0.50 0.00	29.88 -1.23 0.00	29.11 -1.33 0.00	29.80 -1.54 0.00	26.22 -0.65 0.00	37.33 0.20 0.00	40.26 0.43 0.00	35.98 0.65 0.00	31.92 0.43 0.00	30.54 0.45 0.00	29.72 0.48 0.00	25.98 0.57 0.00
FAR ROCKAWAY___4 23548	38.35 2.82 0.00	39.03 2.69 0.00	45.81 3.21 0.00	40.64 2.84 0.00	33.60 2.36 0.00	38.65 2.63 0.00	38.38 2.60 0.00	32.83 2.40 0.00	34.06 2.47 0.00	36.12 2.58 0.00	48.55 3.90 0.00	46.26 3.84 0.00	35.87 2.68 -1.71	33.77 2.66 0.00	33.09 2.65 -0.01	34.03 2.64 -0.05	39.47 2.30 -10.31	40.29 3.16 0.00	42.98 3.14 0.00	37.99 2.66 0.00	33.90 2.40 0.00	32.46 2.29 -0.08	31.29 2.05 0.00	27.12 1.71 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	37.44 1.91 0.00	38.16 1.82 0.00	44.82 2.22 0.00	39.75 1.96 0.00	32.82 1.59 0.00	37.83 1.81 0.00	37.56 1.78 0.00	32.02 1.60 0.00	33.30 1.71 0.00	35.34 1.81 0.00	47.33 2.69 0.00	45.06 2.64 0.00	35.19 1.99 -1.71	33.02 1.91 0.00	32.33 1.89 -0.01	33.31 1.91 -0.05	38.86 1.68 -10.30	39.56 2.43 0.00	42.10 2.27 0.00	37.17 1.83 0.00	33.15 1.65 0.00	31.61 1.52 0.00	30.59 1.36 0.00	26.51 1.11 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	37.46 1.93 0.00	38.18 1.84 0.00	44.85 2.25 0.00	39.76 1.97 0.00	32.85 1.61 0.00	37.85 1.82 0.00	37.57 1.80 0.00	32.04 1.61 0.00	33.31 1.72 0.00	35.36 1.82 0.00	47.36 2.71 0.00	45.08 2.66 0.00	35.20 2.00 -1.71	33.04 1.93 0.00	32.36 1.91 -0.01	33.32 1.92 -0.05	38.88 1.70 -10.30	39.58 2.44 0.00	42.12 2.28 0.00	37.19 1.85 0.00	33.16 1.66 0.00	31.63 1.53 0.00	30.60 1.37 0.00	26.53 1.12 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	37.42 1.89 0.00	38.14 1.80 0.00	44.81 2.21 0.00	39.73 1.93 0.00	32.82 1.58 0.00	37.81 1.79 0.00	37.54 1.76 0.00	32.01 1.59 0.00	33.28 1.69 0.00	35.32 1.79 0.00	47.31 2.66 0.00	45.04 2.62 0.00	35.17 1.97 -1.71	33.00 1.90 0.00	32.32 1.88 -0.01	33.29 1.89 -0.05	38.84 1.67 -10.30	39.53 2.40 0.00	42.08 2.24 0.00	37.14 1.81 0.00	33.12 1.63 0.00	31.59 1.50 0.00	30.57 1.34 0.00	26.50 1.09 0.00
FARRAGUT___LBMP 323566	37.40 1.87 0.00	38.12 1.78 0.00	44.77 2.18 0.00	39.70 1.91 0.00	32.79 1.55 0.00	37.79 1.76 0.00	37.52 1.74 0.00	31.99 1.56 0.00	33.26 1.67 0.00	35.29 1.75 0.00	47.28 2.63 0.00	45.00 2.58 0.00	35.14 1.95 -1.71	32.98 1.87 0.00	32.30 1.85 -0.01	33.26 1.86 -0.05	38.82 1.65 -10.30	39.51 2.37 0.00	42.04 2.21 0.00	37.12 1.78 0.00	33.09 1.60 0.00	31.57 1.48 0.00	30.56 1.33 0.00	26.48 1.08 0.00
FENNER___WINDPWR 24204	35.65 0.12 0.00	36.44 0.10 0.00	42.68 0.08 0.00	37.83 0.04 0.00	31.32 0.08 0.00	36.14 0.11 0.00	35.88 0.11 0.00	30.53 0.10 0.00	31.76 0.17 0.00	33.69 0.16 0.00	44.81 0.16 0.00	42.53 0.10 0.00	31.75 0.06 -0.20	31.31 0.21 0.00	30.71 0.27 0.00	31.68 0.33 -0.01	28.44 0.35 -1.23	37.59 0.46 0.00	40.16 0.32 0.00	35.51 0.17 0.00	31.70 0.20 0.00	30.24 0.15 0.00	29.34 0.10 0.00	25.45 0.05 0.00
FIBERTEK___ENERGY 23856	34.68 -0.85 0.00	35.44 -0.90 0.00	41.52 -1.08 0.00	36.84 -0.95 0.00	30.49 -0.74 0.00	35.17 -0.85 0.00	34.90 -0.87 0.00	29.67 -0.76 0.00	30.83 -0.76 0.00	32.68 -0.85 0.00	43.46 -1.18 0.00	41.30 -1.13 0.00	30.94 -0.72 -0.17	30.66 -0.45 0.00	30.00 -0.44 0.00	30.92 -0.43 -0.01	27.59 -0.32 -1.04	36.67 -0.46 0.00	39.15 -0.69 0.00	34.64 -0.69 0.00	30.90 -0.60 0.00	29.50 -0.59 0.00	28.65 -0.58 0.00	24.89 -0.51 0.00
FITZPATRICK____ 23598	33.93 -1.60 0.00	34.68 -1.66 0.00	40.64 -1.96 0.00	36.06 -1.74 0.00	29.83 -1.41 0.00	34.40 -1.62 0.00	34.14 -1.63 0.00	29.03 -1.41 0.00	30.12 -1.47 0.00	31.96 -1.58 0.00	42.53 -2.12 0.00	40.43 -1.99 0.00	30.20 -1.40 -0.10	29.93 -1.18 0.00	29.28 -1.16 0.00	30.16 -1.19 0.00	26.50 -0.99 -0.62	35.70 -1.43 0.00	38.16 -1.67 0.00	33.82 -1.52 0.00	30.15 -1.36 0.00	28.82 -1.27 0.00	28.01 -1.23 0.00	24.35 -1.06 0.00
FLOWRFLD_69_KV_BK1 356044	38.79 3.26 0.00	39.38 3.04 0.00	46.23 3.64 0.00	41.06 3.27 0.00	34.00 2.76 0.00	39.06 3.04 0.00	38.80 3.02 0.00	33.26 2.83 0.00	34.45 2.86 0.00	36.42 2.88 0.00	49.08 4.43 0.00	46.76 4.34 0.00	36.10 2.90 -1.71	34.02 2.91 0.00	33.49 3.05 -0.01	34.36 2.96 -0.05	39.71 2.53 -10.31	40.66 3.53 0.00	43.44 3.61 0.00	38.42 3.09 0.00	34.28 2.78 0.00	32.84 2.69 -0.05	31.60 2.36 0.00	27.30 1.90 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.80 2.27 0.00	38.54 2.20 0.00	45.23 2.63 0.00	40.09 2.30 0.00	33.14 1.90 0.00	38.19 2.16 0.00	37.92 2.14 0.00	32.34 1.90 0.00	33.63 2.05 0.00	35.73 2.19 0.00	47.77 3.12 0.00	45.45 3.03 0.00	35.42 2.25 -1.69	33.33 2.22 0.00	32.62 2.18 -0.01	33.63 2.23 -0.05	39.04 2.00 -10.17	40.02 2.89 0.00	42.60 2.77 0.00	37.61 2.27 0.00	33.52 2.02 0.00	31.95 1.86 0.00	30.94 1.70 0.00	26.80 1.39 0.00
FORT ORANGE____ 23900	36.89 1.36 0.00	37.62 1.28 0.00	44.16 1.56 0.00	39.22 1.42 0.00	32.41 1.18 0.00	37.39 1.37 0.00	37.14 1.36 0.00	31.63 1.20 0.00	32.87 1.28 0.00	34.83 1.30 0.00	46.26 1.62 0.00	43.72 1.30 0.00	34.57 0.99 -2.09	32.10 0.99 0.00	31.45 1.01 -0.01	32.40 0.99 -0.07	40.39 0.91 -12.61	38.49 1.36 0.00	41.06 1.23 0.00	36.32 0.98 0.00	32.44 0.94 0.00	30.97 0.88 0.00	30.00 0.77 0.00	26.05 0.65 0.00
FORT_DRUM_COGEN 23780	35.30 -0.23 0.00	35.85 -0.49 0.00	42.43 -0.17 0.00	37.66 -0.13 0.00	31.11 -0.12 0.00	35.81 -0.21 0.00	35.43 -0.35 0.00	30.33 -0.10 0.00	31.56 -0.03 0.00	33.47 -0.06 0.00	43.95 -0.70 0.00	41.46 -0.97 0.00	30.90 -0.68 -0.09	30.36 -0.74 0.00	30.02 -0.41 0.00	30.64 -0.70 0.00	27.00 -0.41 -0.54	36.64 -0.48 0.00	39.12 -0.72 0.00	34.69 -0.64 0.00	30.93 -0.57 0.00	29.59 -0.51 0.00	28.79 -0.45 0.00	25.00 -0.41 0.00
FOX_HILLS___ESR 323835	58.44 2.06 -20.85	54.08 2.00 -15.74	54.10 2.45 -9.05	54.06 2.16 -14.11	54.05 1.76 -21.05	54.07 1.98 -16.06	53.79 1.95 -16.07	53.75 1.74 -21.59	53.91 1.84 -20.48	54.27 1.97 -18.77	102.86 2.88 -55.34	54.55 2.74 -9.39	57.54 2.07 -23.98	47.17 2.08 -13.98	47.25 2.05 -14.76	47.38 2.07 -13.97	48.75 1.84 -20.04	47.40 2.67 -7.60	73.60 2.46 -31.30	94.83 2.00 -57.49	87.80 1.77 -54.53	93.05 1.71 -61.25	50.05 1.56 -19.26	46.28 1.32 -19.55
FPL FAR_ROCK_GT1 24212	38.35 2.81 0.00	39.03 2.69 0.00	45.81 3.21 0.00	40.65 2.85 0.00	33.61 2.37 0.00	38.65 2.63 0.00	38.37 2.60 0.00	32.82 2.39 0.00	34.06 2.47 0.00	36.11 2.58 0.00	48.56 3.91 0.00	46.26 3.84 0.00	35.87 2.67 -1.71	33.77 2.66 0.00	33.09 2.64 -0.01	34.03 2.64 -0.05	39.48 2.30 -10.31	40.29 3.16 0.00	42.98 3.14 0.00	37.99 2.66 0.00	33.90 2.40 0.00	32.46 2.29 -0.08	31.29 2.05 0.00	27.12 1.72 0.00

FPL FAR_ROCK_GT2 23815	38.35 2.81 0.00	39.03 2.69 0.00	45.81 3.21 0.00	40.65 2.85 0.00	33.61 2.37 0.00	38.65 2.63 0.00	38.37 2.60 0.00	32.82 2.39 0.00	34.06 2.47 0.00	36.11 2.58 0.00	48.56 3.91 0.00	46.26 3.84 0.00	35.87 2.67 -1.71	33.77 2.66 0.00	33.09 2.64 -0.01	34.03 2.64 -0.05	39.48 2.30 -10.31	40.29 3.16 0.00	42.98 3.14 0.00	37.99 2.66 0.00	33.90 2.40 0.00	32.46 2.29 -0.08	31.29 2.05 0.00	27.12 1.72 0.00
FRANKLIN_FALL_HYD 24054	36.58 1.05 0.00	37.40 1.06 0.00	43.72 1.12 0.00	38.73 0.93 0.00	31.95 0.72 0.00	36.86 0.84 0.00	36.71 0.93 0.00	31.30 0.87 0.00	32.45 0.86 0.00	34.50 0.96 0.00	45.87 1.22 0.00	43.53 1.11 0.00	32.02 0.51 -0.02	29.88 -1.22 0.00	29.11 -1.33 0.00	29.77 -1.57 0.00	26.41 -0.64 -0.18	37.44 0.31 0.00	40.40 0.57 0.00	36.11 0.77 0.00	32.00 0.50 0.00	30.61 0.52 0.00	29.82 0.58 0.00	25.92 0.52 0.00
FREEPORT_EQUS_GT1 23764	38.15 2.62 0.00	38.82 2.48 0.00	45.62 3.02 0.00	40.48 2.69 0.00	33.47 2.23 0.00	38.48 2.46 0.00	38.23 2.45 0.00	32.69 2.27 0.00	33.90 2.31 0.00	35.92 2.38 0.00	48.29 3.64 0.00	46.01 3.59 0.00	35.68 2.48 -1.71	33.58 2.48 0.00	32.91 2.47 -0.01	33.86 2.47 -0.05	39.32 2.14 -10.31	40.09 2.96 0.00	42.78 2.94 0.00	37.82 2.48 0.00	33.74 2.25 0.00	32.34 2.18 -0.07	31.17 1.94 0.00	27.00 1.60 0.00
FREEPORT___CT2 23818	38.15 2.62 0.00	38.82 2.48 0.00	45.62 3.02 0.00	40.48 2.69 0.00	33.47 2.23 0.00	38.48 2.46 0.00	38.23 2.45 0.00	32.69 2.27 0.00	33.90 2.31 0.00	35.92 2.38 0.00	48.29 3.64 0.00	46.01 3.59 0.00	35.68 2.48 -1.71	33.58 2.48 0.00	32.91 2.47 -0.01	33.86 2.47 -0.05	39.32 2.14 -10.31	40.09 2.96 0.00	42.78 2.94 0.00	37.82 2.48 0.00	33.74 2.25 0.00	32.34 2.18 -0.07	31.17 1.94 0.00	27.00 1.60 0.00
FRESHKLS_33_KV_LOAD 356253	58.42 2.04 -20.85	54.05 1.97 -15.74	54.07 2.42 -9.05	54.05 2.15 -14.11	54.03 1.74 -21.05	54.06 1.97 -16.06	53.78 1.95 -16.07	53.73 1.72 -21.59	53.88 1.81 -20.48	54.24 1.94 -18.77	102.83 2.85 -55.34	54.49 2.68 -9.39	57.50 2.03 -23.98	47.17 2.08 -13.98	47.24 2.04 -14.76	47.38 2.07 -13.97	48.77 1.86 -20.04	47.43 2.70 -7.60	73.59 2.45 -31.30	94.81 1.99 -57.49	87.78 1.75 -54.53	93.04 1.69 -61.25	50.05 1.55 -19.26	46.29 1.33 -19.55
FULTON COGEN____ 23766	34.15 -1.38 0.00	34.89 -1.45 0.00	40.90 -1.71 0.00	36.28 -1.52 0.00	30.02 -1.22 0.00	34.63 -1.40 0.00	34.36 -1.41 0.00	29.21 -1.22 0.00	30.33 -1.26 0.00	32.17 -1.36 0.00	42.80 -1.85 0.00	40.66 -1.76 0.00	30.42 -1.20 -0.14	30.21 -0.90 0.00	29.53 -0.91 0.00	30.42 -0.92 0.00	26.93 -0.75 -0.82	36.04 -1.08 0.00	38.49 -1.35 0.00	34.09 -1.25 0.00	30.36 -1.15 0.00	29.01 -1.09 0.00	28.18 -1.06 0.00	24.49 -0.92 0.00
FULTON___LFGE 323630	37.45 1.92 0.00	38.22 1.87 0.00	44.76 2.16 0.00	39.72 1.92 0.00	32.83 1.59 0.00	37.92 1.89 0.00	37.64 1.86 0.00	32.09 1.66 0.00	33.36 1.77 0.00	35.50 1.97 0.00	47.18 2.53 0.00	44.88 2.46 0.00	35.49 1.66 -2.34	32.71 1.60 0.00	31.97 1.52 -0.01	33.32 1.91 -0.07	42.74 1.75 -14.12	39.59 2.46 0.00	42.38 2.54 0.00	37.53 2.19 0.00	33.45 1.95 0.00	31.86 1.77 0.00	30.89 1.66 0.00	26.79 1.39 0.00
G.F.CEMENT___DRP 24184	37.47 1.94 0.00	38.28 1.94 0.00	44.82 2.22 0.00	39.82 2.03 0.00	32.93 1.69 0.00	37.97 1.94 0.00	37.83 2.05 0.00	32.27 1.84 0.00	33.52 1.93 0.00	35.59 2.05 0.00	47.27 2.63 0.00	44.94 2.52 0.00	35.50 1.85 -2.17	32.99 1.89 0.00	32.27 1.83 -0.01	33.33 1.92 -0.07	41.71 1.77 -13.07	39.71 2.58 0.00	42.42 2.59 0.00	37.48 2.15 0.00	33.37 1.87 0.00	31.73 1.64 0.00	30.72 1.49 0.00	26.66 1.26 0.00
GARDENVILLE___LBMP 24039	31.86 -3.66 0.00	32.66 -3.68 0.00	38.14 -4.46 0.00	33.81 -3.98 0.00	28.01 -3.23 0.00	32.42 -3.60 0.00	31.76 -3.86 0.15	19.43 -3.85 7.15	27.40 -4.19 0.00	29.14 -4.39 0.00	38.82 -5.82 0.00	37.25 -5.17 0.00	28.32 -3.45 -0.28	28.61 -2.50 0.00	27.78 -2.66 0.00	28.84 -2.51 -0.01	26.26 -2.32 -1.71	33.99 -3.14 0.00	35.98 -3.86 0.00	31.96 -3.38 0.00	28.49 -3.02 0.00	27.13 -2.96 0.00	26.43 -2.80 0.00	22.88 -2.52 0.00
GARDNVLA_35_KV_LD 355827	32.04 -3.49 0.00	32.83 -3.51 0.00	38.34 -4.27 0.00	33.97 -3.82 0.00	28.14 -3.09 0.00	32.57 -3.45 0.00	31.94 -3.71 0.12	20.97 -3.72 5.74	27.54 -4.05 0.00	29.28 -4.25 0.00	39.01 -5.64 0.00	37.40 -5.02 0.00	28.43 -3.34 -0.28	28.74 -2.37 0.00	27.90 -2.54 0.00	28.95 -2.40 -0.01	26.38 -2.21 -1.72	34.14 -2.99 0.00	36.17 -3.67 0.00	32.12 -3.22 0.00	28.63 -2.87 0.00	27.25 -2.84 0.00	26.55 -2.68 0.00	22.99 -2.42 0.00
GELCKHM___115KV_LOAD 80723	34.46 -1.07 0.00	35.20 -1.14 0.00	41.26 -1.34 0.00	36.60 -1.19 0.00	30.29 -0.94 0.00	34.94 -1.08 0.00	34.68 -1.10 0.00	29.47 -0.96 0.00	30.61 -0.98 0.00	32.46 -1.08 0.00	43.17 -1.48 0.00	41.03 -1.39 0.00	30.72 -0.92 -0.16	30.46 -0.65 0.00	29.80 -0.64 0.00	30.70 -0.64 0.00	27.28 -0.52 -0.93	36.38 -0.75 0.00	38.87 -0.97 0.00	34.40 -0.94 0.00	30.68 -0.82 0.00	29.29 -0.80 0.00	28.45 -0.79 0.00	24.71 -0.69 0.00
GENERAL___MILLS 23808	31.99 -3.54 0.00	32.79 -3.55 0.00	38.29 -4.31 0.00	33.93 -3.86 0.00	28.11 -3.13 0.00	32.54 -3.49 0.00	31.89 -3.75 0.13	20.55 -3.75 6.12	27.50 -4.09 0.00	29.24 -4.29 0.00	38.96 -5.69 0.00	37.36 -5.06 0.00	28.40 -3.37 -0.28	28.69 -2.41 0.00	27.87 -2.57 0.00	28.92 -2.43 -0.01	26.34 -2.25 -1.72	34.09 -3.04 0.00	36.11 -3.73 0.00	32.07 -3.27 0.00	28.58 -2.92 0.00	27.21 -2.88 0.00	26.52 -2.72 0.00	22.95 -2.46 0.00
GE_PLASTICS___DRP 24183	36.72 1.19 0.00	37.48 1.14 0.00	43.98 1.38 0.00	39.03 1.24 0.00	32.27 1.03 0.00	37.21 1.19 0.00	36.95 1.17 0.00	31.46 1.03 0.00	32.68 1.09 0.00	34.66 1.12 0.00	46.05 1.40 0.00	43.61 1.19 0.00	34.50 0.92 -2.09	32.05 0.94 0.00	31.39 0.94 -0.01	32.35 0.94 -0.07	40.34 0.84 -12.62	38.38 1.25 0.00	40.97 1.13 0.00	36.25 0.91 0.00	32.37 0.87 0.00	30.89 0.79 0.00	29.94 0.70 0.00	26.01 0.60 0.00
GILBOA___1 23756	36.38 0.85 0.00	37.15 0.81 0.00	43.58 0.98 0.00	38.67 0.88 0.00	31.97 0.73 0.00	36.86 0.83 0.00	36.58 0.81 0.00	31.14 0.71 0.00	32.35 0.76 0.00	34.33 0.80 0.00	45.73 1.09 0.00	43.44 1.02 0.00	33.94 0.78 -1.66	31.94 0.84 0.00	31.26 0.81 -0.01	32.23 0.84 -0.05	37.65 0.75 -10.03	38.24 1.11 0.00	40.82 0.99 0.00	36.10 0.76 0.00	32.21 0.71 0.00	30.73 0.64 0.00	29.81 0.58 0.00	25.90 0.49 0.00
GILBOA___2 23757	36.38 0.85 0.00	37.15 0.81 0.00	43.58 0.98 0.00	38.67 0.88 0.00	31.97 0.73 0.00	36.86 0.83 0.00	36.58 0.81 0.00	31.14 0.71 0.00	32.35 0.76 0.00	34.33 0.80 0.00	45.73 1.09 0.00	43.44 1.02 0.00	33.94 0.78 -1.66	31.94 0.84 0.00	31.26 0.81 -0.01	32.23 0.84 -0.05	37.65 0.75 -10.03	38.24 1.11 0.00	40.82 0.99 0.00	36.10 0.76 0.00	32.21 0.71 0.00	30.73 0.64 0.00	29.81 0.58 0.00	25.90 0.49 0.00

GILBOA___3 23758	36.38 0.85 0.00	37.15 0.81 0.00	43.58 0.98 0.00	38.67 0.88 0.00	31.97 0.73 0.00	36.86 0.83 0.00	36.58 0.81 0.00	31.14 0.71 0.00	32.35 0.76 0.00	34.33 0.80 0.00	45.73 1.09 0.00	43.44 1.02 0.00	33.94 0.78 -1.66	31.94 0.84 0.00	31.26 0.81 -0.01	32.23 0.84 -0.05	37.65 0.75 -10.03	38.24 1.11 0.00	40.82 0.99 0.00	36.10 0.76 0.00	32.21 0.71 0.00	30.73 0.64 0.00	29.81 0.58 0.00	25.90 0.49 0.00
GILBOA___4 23759	36.38 0.85 0.00	37.15 0.81 0.00	43.58 0.98 0.00	38.67 0.88 0.00	31.97 0.73 0.00	36.86 0.83 0.00	36.58 0.81 0.00	31.14 0.71 0.00	32.35 0.76 0.00	34.33 0.80 0.00	45.73 1.09 0.00	43.44 1.02 0.00	33.94 0.78 -1.66	31.94 0.84 0.00	31.26 0.81 -0.01	32.23 0.84 -0.05	37.65 0.75 -10.03	38.24 1.11 0.00	40.82 0.99 0.00	36.10 0.76 0.00	32.21 0.71 0.00	30.73 0.64 0.00	29.81 0.58 0.00	25.90 0.49 0.00
GILBOA___ 23599	36.38 0.85 0.00	37.15 0.81 0.00	43.58 0.98 0.00	38.67 0.88 0.00	31.97 0.73 0.00	36.86 0.84 0.00	36.58 0.81 0.00	31.14 0.71 0.00	32.35 0.76 0.00	34.33 0.80 0.00	45.73 1.08 0.00	43.44 1.02 0.00	33.94 0.79 -1.66	31.94 0.84 0.00	31.26 0.81 -0.01	32.23 0.84 -0.05	37.65 0.75 -10.03	38.24 1.11 0.00	40.82 0.99 0.00	36.10 0.76 0.00	32.21 0.71 0.00	30.73 0.64 0.00	29.81 0.58 0.00	25.90 0.49 0.00
GINNA___ 23603	32.02 -3.51 0.00	32.79 -3.55 0.00	38.34 -4.26 0.00	34.00 -3.79 0.00	28.16 -3.08 0.00	32.55 -3.47 0.00	32.23 -3.55 0.00	27.17 -3.26 0.00	28.14 -3.45 0.00	29.84 -3.70 0.00	39.71 -4.94 0.00	37.85 -4.57 0.00	28.49 -3.20 -0.20	28.46 -2.65 0.00	27.74 -2.70 0.00	28.72 -2.63 -0.01	25.83 -2.26 -1.22	33.98 -3.15 0.00	36.15 -3.68 0.00	32.07 -3.27 0.00	28.56 -2.93 0.00	27.23 -2.86 0.00	26.45 -2.79 0.00	22.92 -2.49 0.00
GLEN PARK___ 23778	35.42 -0.11 0.00	35.98 -0.36 0.00	42.55 -0.04 0.00	37.78 -0.01 0.00	31.21 -0.02 0.00	35.93 -0.09 0.00	35.56 -0.21 0.00	30.45 0.02 0.00	31.69 0.10 0.00	33.61 0.08 0.00	44.15 -0.50 0.00	41.65 -0.77 0.00	31.03 -0.55 -0.09	30.52 -0.59 0.00	30.19 -0.25 0.00	30.83 -0.52 0.00	27.17 -0.25 -0.55	36.87 -0.26 0.00	39.35 -0.49 0.00	34.89 -0.45 0.00	31.09 -0.41 0.00	29.72 -0.37 0.00	28.90 -0.34 0.00	25.07 -0.33 0.00
GLENDALE_27_KV_LOAD 356172	37.68 2.14 0.00	38.40 2.07 0.00	45.10 2.50 0.00	39.98 2.19 0.00	33.02 1.79 0.00	38.04 2.02 0.00	37.77 1.99 0.00	32.22 1.79 0.00	33.51 1.92 0.00	35.56 2.03 0.00	47.65 3.00 0.00	45.34 2.92 0.00	35.40 2.20 -1.71	33.24 2.14 0.00	32.54 2.10 -0.01	33.52 2.13 -0.05	39.04 1.86 -10.30	39.79 2.67 0.00	42.35 2.51 0.00	37.40 2.06 0.00	33.35 1.86 0.00	31.82 1.73 0.00	30.79 1.56 0.00	26.69 1.29 0.00
GLENWOOD_IC_1_G5 23712	37.87 2.34 0.00	38.56 2.22 0.00	45.29 2.69 0.00	40.18 2.38 0.00	33.21 1.97 0.00	38.21 2.19 0.00	37.97 2.20 0.00	32.43 2.00 0.00	33.67 2.08 0.00	35.70 2.17 0.00	47.76 3.11 0.00	45.34 2.92 0.00	35.27 2.07 -1.71	33.15 2.04 0.00	32.48 2.04 -0.01	33.43 2.03 -0.05	38.96 1.78 -10.31	39.63 2.50 0.00	42.26 2.43 0.00	37.46 2.12 0.00	33.50 2.00 0.00	32.08 1.90 -0.08	30.94 1.70 0.00	26.79 1.39 0.00
GLENWOOD_IC_2_G1 23688	37.66 2.13 0.00	38.37 2.03 0.00	45.05 2.45 0.00	39.96 2.17 0.00	33.02 1.79 0.00	38.02 2.00 0.00	37.76 1.99 0.00	32.22 1.79 0.00	33.48 1.89 0.00	35.51 1.97 0.00	47.60 2.95 0.00	45.29 2.86 0.00	35.27 2.07 -1.71	33.15 2.04 0.00	32.47 2.03 -0.01	33.43 2.03 -0.05	38.96 1.78 -10.31	39.66 2.53 0.00	42.26 2.42 0.00	37.35 2.01 0.00	33.32 1.82 0.00	31.80 1.71 0.00	30.76 1.52 0.00	26.66 1.25 0.00
GLENWOOD_IC_3_G1 23689	37.66 2.13 0.00	38.37 2.03 0.00	45.05 2.45 0.00	39.96 2.17 0.00	33.02 1.79 0.00	38.02 2.00 0.00	37.76 1.99 0.00	32.22 1.79 0.00	33.48 1.89 0.00	35.51 1.97 0.00	47.60 2.95 0.00	45.29 2.86 0.00	35.27 2.07 -1.71	33.15 2.04 0.00	32.47 2.03 -0.01	33.43 2.03 -0.05	38.96 1.78 -10.31	39.66 2.53 0.00	42.26 2.42 0.00	37.35 2.01 0.00	33.32 1.82 0.00	31.80 1.71 0.00	30.76 1.52 0.00	26.66 1.25 0.00
GLENWOOD___4 23550	37.87 2.34 0.00	38.56 2.22 0.00	45.29 2.69 0.00	40.18 2.38 0.00	33.21 1.97 0.00	38.21 2.19 0.00	37.97 2.20 0.00	32.43 2.00 0.00	33.67 2.08 0.00	35.70 2.17 0.00	47.81 3.16 0.00	45.43 3.02 0.00	35.35 2.15 -1.71	33.22 2.12 0.00	32.56 2.11 -0.01	33.50 2.11 -0.05	39.03 1.85 -10.31	39.72 2.59 0.00	42.35 2.51 0.00	37.50 2.17 0.00	33.50 2.00 0.00	32.08 1.90 -0.08	30.94 1.70 0.00	26.79 1.39 0.00
GLENWOOD___5 23614	37.87 2.34 0.00	38.56 2.22 0.00	45.29 2.69 0.00	40.18 2.38 0.00	33.21 1.97 0.00	38.21 2.19 0.00	37.97 2.20 0.00	32.43 2.00 0.00	33.67 2.08 0.00	35.70 2.17 0.00	47.81 3.16 0.00	45.43 3.02 0.00	35.35 2.15 -1.71	33.22 2.12 0.00	32.56 2.11 -0.01	33.50 2.11 -0.05	39.03 1.85 -10.31	39.72 2.59 0.00	42.35 2.51 0.00	37.50 2.17 0.00	33.50 2.00 0.00	32.08 1.90 -0.08	30.94 1.70 0.00	26.79 1.39 0.00
GLOBAL GREEN_PORT_GT1 23814	39.70 4.17 0.00	40.18 3.84 0.00	47.17 4.58 0.00	41.95 4.15 0.00	34.84 3.60 0.00	40.17 4.14 0.00	39.87 4.09 0.00	34.23 3.80 0.00	35.30 3.71 0.00	37.00 3.46 0.00	50.01 5.36 0.00	47.34 4.92 0.00	36.20 3.01 -1.71	34.01 2.90 0.00	33.61 3.16 -0.01	34.35 2.95 -0.05	39.67 2.49 -10.31	40.68 3.55 0.00	43.62 3.79 0.00	38.58 3.24 0.00	34.45 2.95 0.00	32.96 2.81 -0.05	31.35 2.11 0.00	26.98 1.58 0.00
GLOBE___DSASP 323697	30.82 -4.71 0.00	31.63 -4.71 0.00	36.94 -5.66 0.00	32.74 -5.05 0.00	27.13 -4.10 0.00	31.41 -4.61 0.00	30.85 -4.83 0.10	21.04 -4.70 4.69	26.49 -5.10 0.00	28.26 -5.27 0.00	37.65 -7.00 0.00	36.07 -6.35 0.00	27.46 -4.30 -0.26	27.81 -3.30 0.00	26.92 -3.52 0.00	27.93 -3.42 -0.01	25.32 -3.13 -1.59	32.73 -4.40 0.00	34.71 -5.13 0.00	30.91 -4.42 0.00	27.60 -3.90 0.00	26.30 -3.79 0.00	25.62 -3.62 0.00	22.17 -3.24 0.00
GOETHSLN___LBMP 323567	37.19 1.66 0.00	37.89 1.55 0.00	44.52 1.92 0.00	39.48 1.69 0.00	32.60 1.37 0.00	37.56 1.54 0.00	37.28 1.51 0.00	31.80 1.37 0.00	33.00 1.47 0.06	34.78 1.53 0.27	45.76 2.33 1.22	44.22 2.29 0.49	33.99 1.73 -0.77	32.39 1.65 0.37	31.50 1.64 0.57	32.37 1.65 0.61	38.30 1.46 -9.98	39.25 2.13 0.00	41.78 1.95 0.00	35.81 1.54 1.07	30.01 1.38 2.87	30.58 1.27 0.78	29.47 1.11 0.88	26.00 0.91 0.31
GOLAH___69_KV_TB 1_2 80279	33.18 -2.35 0.00	33.95 -2.39 0.00	39.69 -2.91 0.00	35.21 -2.58 0.00	29.15 -2.09 0.00	33.71 -2.31 0.00	33.35 -2.43 0.00	28.01 -2.43 -0.01	28.97 -2.62 0.00	30.69 -2.85 0.00	40.86 -3.78 0.00	39.02 -3.41 0.00	29.33 -2.37 -0.21	29.43 -1.67 0.00	28.66 -1.78 0.00	29.73 -1.62 -0.01	26.74 -1.41 -1.28	35.21 -1.92 0.00	37.44 -2.40 0.00	33.21 -2.13 0.00	29.60 -1.90 0.00	28.20 -1.89 0.00	27.39 -1.84 0.00	23.72 -1.69 0.00

GOODYEAR_LAKE_HYD 323669	36.42 0.89 0.00	37.17 0.83 0.00	43.54 0.94 0.00	38.63 0.83 0.00	31.95 0.71 0.00	36.84 0.82 0.00	36.57 0.79 0.00	31.13 0.70 0.00	32.37 0.78 0.00	34.41 0.88 0.00	45.88 1.23 0.00	43.67 1.24 0.00	32.99 0.98 -0.53	32.20 1.10 0.00	31.47 1.03 0.00	32.48 1.12 -0.02	31.08 1.04 -3.17	38.62 1.49 0.00	41.26 1.43 0.00	36.48 1.14 0.00	32.53 1.03 0.00	31.00 0.91 0.00	30.06 0.82 0.00	26.09 0.69 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.85 -0.68 0.00	35.61 -0.73 0.00	41.76 -0.84 0.00	37.01 -0.78 0.00	30.65 -0.59 0.00	35.32 -0.70 0.00	34.97 -0.80 0.00	29.68 -0.75 0.00	30.85 -0.74 0.00	32.75 -0.79 0.00	43.59 -1.06 0.00	41.48 -0.93 0.00	31.42 -0.62 -0.55	30.84 -0.27 0.00	30.13 -0.31 0.00	31.10 -0.26 -0.02	29.95 -0.20 -3.29	36.91 -0.22 0.00	39.36 -0.48 0.00	34.67 -0.67 0.00	31.00 -0.50 0.00	29.52 -0.57 0.00	28.69 -0.54 0.00	24.94 -0.47 0.00
GOUDEY___7 23579	34.85 -0.68 0.00	35.61 -0.73 0.00	41.76 -0.84 0.00	37.01 -0.78 0.00	30.65 -0.59 0.00	35.32 -0.70 0.00	34.97 -0.80 0.00	29.68 -0.75 0.00	30.85 -0.74 0.00	32.75 -0.79 0.00	43.59 -1.06 0.00	41.48 -0.93 0.00	31.42 -0.62 -0.55	30.84 -0.27 0.00	30.13 -0.31 0.00	31.10 -0.26 -0.02	29.95 -0.20 -3.29	36.91 -0.22 0.00	39.36 -0.48 0.00	34.67 -0.67 0.00	31.00 -0.50 0.00	29.52 -0.57 0.00	28.69 -0.54 0.00	24.94 -0.47 0.00
GOUDEY___8 23580	34.85 -0.68 0.00	35.61 -0.73 0.00	41.76 -0.84 0.00	37.01 -0.78 0.00	30.65 -0.59 0.00	35.32 -0.70 0.00	34.97 -0.80 0.00	29.68 -0.75 0.00	30.85 -0.74 0.00	32.75 -0.79 0.00	43.59 -1.06 0.00	41.48 -0.93 0.00	31.42 -0.62 -0.55	30.84 -0.27 0.00	30.13 -0.31 0.00	31.10 -0.26 -0.02	29.95 -0.20 -3.29	36.91 -0.22 0.00	39.36 -0.48 0.00	34.67 -0.67 0.00	31.00 -0.50 0.00	29.52 -0.57 0.00	28.69 -0.54 0.00	24.94 -0.47 0.00
GOWANUS_GT1_1 24077	58.53 2.15 -20.85	54.15 2.07 -15.74	54.18 2.53 -9.05	54.12 2.21 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.86 2.02 -16.07	53.81 1.80 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.97 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.15 -13.98	47.31 2.11 -14.76	47.45 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.55 -31.30	94.91 2.08 -57.49	87.89 1.86 -54.53	93.12 1.77 -61.25	50.09 1.60 -19.26	46.29 1.34 -19.55
GOWANUS_GT1_2 24078	58.53 2.15 -20.85	54.15 2.07 -15.74	54.18 2.53 -9.05	54.12 2.21 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.86 2.02 -16.07	53.81 1.80 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.97 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.15 -13.98	47.31 2.11 -14.76	47.45 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.55 -31.30	94.91 2.08 -57.49	87.89 1.86 -54.53	93.12 1.77 -61.25	50.09 1.60 -19.26	46.29 1.34 -19.55
GOWANUS_GT1_3 24079	58.53 2.15 -20.85	54.15 2.07 -15.74	54.18 2.53 -9.05	54.12 2.21 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.86 2.02 -16.07	53.81 1.80 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.97 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.15 -13.98	47.31 2.11 -14.76	47.45 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.55 -31.30	94.91 2.08 -57.49	87.89 1.86 -54.53	93.12 1.77 -61.25	50.09 1.60 -19.26	46.29 1.34 -19.55
GOWANUS_GT1_4 24080	58.53 2.15 -20.85	54.15 2.07 -15.74	54.18 2.53 -9.05	54.12 2.21 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.86 2.02 -16.07	53.81 1.80 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.97 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.15 -13.98	47.31 2.11 -14.76	47.45 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.55 -31.30	94.91 2.08 -57.49	87.89 1.86 -54.53	93.12 1.77 -61.25	50.09 1.60 -19.26	46.29 1.34 -19.55
GOWANUS_GT1_5 24084	58.53 2.15 -20.85	54.15 2.07 -15.74	54.18 2.53 -9.05	54.12 2.21 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.86 2.02 -16.07	53.81 1.80 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.97 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.15 -13.98	47.31 2.11 -14.76	47.45 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.55 -31.30	94.91 2.08 -57.49	87.89 1.86 -54.53	93.12 1.77 -61.25	50.09 1.60 -19.26	46.29 1.34 -19.55
GOWANUS_GT1_6 24111	58.53 2.15 -20.85	54.15 2.07 -15.74	54.18 2.53 -9.05	54.12 2.21 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.86 2.02 -16.07	53.81 1.80 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.97 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.15 -13.98	47.31 2.11 -14.76	47.45 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.55 -31.30	94.91 2.08 -57.49	87.89 1.86 -54.53	93.12 1.77 -61.25	50.09 1.60 -19.26	46.29 1.34 -19.55
GOWANUS_GT1_7 24112	58.53 2.15 -20.85	54.15 2.07 -15.74	54.18 2.53 -9.05	54.12 2.21 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.86 2.02 -16.07	53.81 1.80 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.97 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.15 -13.98	47.31 2.11 -14.76	47.45 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.55 -31.30	94.91 2.08 -57.49	87.89 1.86 -54.53	93.12 1.77 -61.25	50.09 1.60 -19.26	46.29 1.34 -19.55
GOWANUS_GT1_8 24113	58.53 2.15 -20.85	54.15 2.07 -15.74	54.18 2.53 -9.05	54.12 2.21 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.86 2.02 -16.07	53.81 1.80 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.97 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.15 -13.98	47.31 2.11 -14.76	47.45 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.55 -31.30	94.91 2.08 -57.49	87.89 1.86 -54.53	93.12 1.77 -61.25	50.09 1.60 -19.26	46.29 1.34 -19.55
GOWANUS_GT2_1 24114	58.53 2.15 -20.85	54.16 2.08 -15.74	54.17 2.52 -9.05	54.13 2.22 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.85 2.02 -16.07	53.81 1.79 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.98 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.16 -13.98	47.31 2.11 -14.76	47.46 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.54 -31.30	94.92 2.09 -57.49	87.90 1.87 -54.53	93.12 1.77 -61.25	50.09 1.59 -19.26	46.29 1.34 -19.55
GOWANUS_GT2_2 24115	58.53 2.15 -20.85	54.16 2.08 -15.74	54.17 2.52 -9.05	54.13 2.22 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.85 2.02 -16.07	53.81 1.79 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.98 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.16 -13.98	47.31 2.11 -14.76	47.46 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.54 -31.30	94.92 2.09 -57.49	87.90 1.87 -54.53	93.12 1.77 -61.25	50.09 1.59 -19.26	46.29 1.34 -19.55
GOWANUS_GT2_3 24116	58.53 2.15 -20.85	54.16 2.08 -15.74	54.17 2.52 -9.05	54.13 2.22 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.85 2.02 -16.07	53.81 1.79 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.98 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.16 -13.98	47.31 2.11 -14.76	47.46 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.54 -31.30	94.92 2.09 -57.49	87.90 1.87 -54.53	93.12 1.77 -61.25	50.09 1.59 -19.26	46.29 1.34 -19.55

GOWANUS_GT2_4 24117	58.53	54.16	54.17	54.13	54.10	54.13	53.85	53.81	53.99	54.34	102.98	54.69	57.64	47.25	47.31	47.46	48.79	47.46	73.69	94.92	87.90	93.12	50.09	46.29
	2.15	2.08	2.52	2.22	1.80	2.05	2.02	1.79	1.92	2.03	2.99	2.88	2.17	2.16	2.11	2.14	1.89	2.73	2.54	2.09	1.87	1.77	1.59	1.34
	-20.85	-15.74	-9.05	-14.11	-21.05	-16.06	-16.07	-21.59	-20.48	-18.77	-55.34	-9.39	-23.98	-13.98	-14.76	-13.97	-20.04	-7.60	-31.30	-57.49	-54.53	-61.25	-19.26	-19.55
GOWANUS_GT2_5 24118	58.53	54.16	54.17	54.13	54.10	54.13	53.85	53.81	53.99	54.34	102.98	54.69	57.64	47.25	47.31	47.46	48.79	47.46	73.69	94.92	87.90	93.12	50.09	46.29
	2.15	2.08	2.52	2.22	1.80	2.05	2.02	1.79	1.92	2.03	2.99	2.88	2.17	2.16	2.11	2.14	1.89	2.73	2.54	2.09	1.87	1.77	1.59	1.34
	-20.85	-15.74	-9.05	-14.11	-21.05	-16.06	-16.07	-21.59	-20.48	-18.77	-55.34	-9.39	-23.98	-13.98	-14.76	-13.97	-20.04	-7.60	-31.30	-57.49	-54.53	-61.25	-19.26	-19.55
GOWANUS_GT2_6 24119	58.53	54.16	54.17	54.13	54.10	54.13	53.85	53.81	53.99	54.34	102.98	54.69	57.64	47.25	47.31	47.46	48.79	47.46	73.69	94.92	87.90	93.12	50.09	46.29
	2.15	2.08	2.52	2.22	1.80	2.05	2.02	1.79	1.92	2.03	2.99	2.88	2.17	2.16	2.11	2.14	1.89	2.73	2.54	2.09	1.87	1.77	1.59	1.34
	-20.85	-15.74	-9.05	-14.11	-21.05	-16.06	-16.07	-21.59	-20.48	-18.77	-55.34	-9.39	-23.98	-13.98	-14.76	-13.97	-20.04	-7.60	-31.30	-57.49	-54.53	-61.25	-19.26	-19.55
GOWANUS_GT2_7 24120	58.53	54.16	54.17	54.13	54.10	54.13	53.85	53.81	53.99	54.34	102.98	54.69	57.64	47.25	47.31	47.46	48.79	47.46	73.69	94.92	87.90	93.12	50.09	46.29
	2.15	2.08	2.52	2.22	1.80	2.05	2.02	1.79	1.92	2.03	2.99	2.88	2.17	2.16	2.11	2.14	1.89	2.73	2.54	2.09	1.87	1.77	1.59	1.34
	-20.85	-15.74	-9.05	-14.11	-21.05	-16.06	-16.07	-21.59	-20.48	-18.77	-55.34	-9.39	-23.98	-13.98	-14.76	-13.97	-20.04	-7.60	-31.30	-57.49	-54.53	-61.25	-19.26	-19.55
GOWANUS_GT2_8 24121	58.53	54.16	54.17	54.13	54.10	54.13	53.85	53.81	53.99	54.34	102.98	54.69	57.64	47.25	47.31	47.46	48.79	47.46	73.69	94.92	87.90	93.12	50.09	46.29
	2.15	2.08	2.52	2.22	1.80	2.05	2.02	1.79	1.92	2.03	2.99	2.88	2.17	2.16	2.11	2.14	1.89	2.73	2.54	2.09	1.87	1.77	1.59	1.34
	-20.85	-15.74	-9.05	-14.11	-21.05	-16.06	-16.07	-21.59	-20.48	-18.77	-55.34	-9.39	-23.98	-13.98	-14.76	-13.97	-20.04	-7.60	-31.30	-57.49	-54.53	-61.25	-19.26	-19.55
GOWANUS_GT3_1 24122	58.53	54.16	54.17	54.13	54.10	54.13	53.85	53.81	53.99	54.34	102.98	54.69	57.64	47.25	47.31	47.46	48.79	47.46	73.69	94.92	87.90	93.12	50.09	46.29
	2.15	2.08	2.52	2.22	1.80	2.05	2.02	1.79	1.92	2.03	2.99	2.88	2.17	2.16	2.11	2.14	1.89	2.73	2.54	2.09	1.87	1.77	1.59	1.34
	-20.85	-15.74	-9.05	-14.11	-21.05	-16.06	-16.07	-21.59	-20.48	-18.77	-55.34	-9.39	-23.98	-13.98	-14.76	-13.97	-20.04	-7.60	-31.30	-57.49	-54.53	-61.25	-19.26	-19.55
GOWANUS_GT3_2 24123	58.53	54.16	54.17	54.13	54.10	54.13	53.85	53.81	53.99	54.34	102.98	54.69	57.64	47.25	47.31	47.46	48.79	47.46	73.69	94.92	87.90	93.12	50.09	46.29
	2.15	2.08	2.52	2.22	1.80	2.05	2.02	1.79	1.92	2.03	2.99	2.88	2.17	2.16	2.11	2.14	1.89	2.73	2.54	2.09	1.87	1.77	1.59	1.34
	-20.85	-15.74	-9.05	-14.11	-21.05	-16.06	-16.07	-21.59	-20.48	-18.77	-55.34	-9.39	-23.98	-13.98	-14.76	-13.97	-20.04	-7.60	-31.30	-57.49	-54.53	-61.25	-19.26	-19.55
GOWANUS_GT3_3 24124	58.53	54.16	54.17	54.13	54.10	54.13	53.85	53.81	53.99	54.34	102.98	54.69	57.64	47.25	47.31	47.46	48.79	47.46	73.69	94.92	87.90	93.12	50.09	46.29
	2.15	2.08	2.52	2.22	1.80	2.05	2.02	1.79	1.92	2.03	2.99	2.88	2.17	2.16	2.11	2.14	1.89	2.73	2.54	2.09	1.87	1.77	1.59	1.34
	-20.85	-15.74	-9.05	-14.11	-21.05	-16.06	-16.07	-21.59	-20.48	-18.77	-55.34	-9.39	-23.98	-13.98	-14.76	-13.97	-20.04	-7.60	-31.30	-57.49	-54.53	-61.25	-19.26	-19.55
GOWANUS_GT3_4 24125	58.53	54.16	54.17	54.13	54.10	54.13	53.85	53.81	53.99	54.34	102.98	54.69	57.64	47.25	47.31	47.46	48.79	47.46	73.69	94.92	87.90	93.12	50.09	46.29
	2.15	2.08	2.52	2.22	1.80	2.05	2.02	1.79	1.92	2.03	2.99	2.88	2.17	2.16	2.11	2.14	1.89	2.73	2.54	2.09	1.87	1.77	1.59	1.34
	-20.85	-15.74	-9.05	-14.11	-21.05	-16.06	-16.07	-21.59	-20.48	-18.77	-55.34	-9.39	-23.98	-13.98	-14.76	-13.97	-20.04	-7.60	-31.30	-57.49	-54.53	-61.25	-19.26	-19.55
GOWANUS_GT3_5 24126	58.53	54.16	54.17	54.13	54.10	54.13	53.85	53.81	53.99	54.34	102.98	54.69	57.64	47.25	47.31	47.46	48.79	47.46	73.69	94.92	87.90	93.12	50.09	46.29
	2.15	2.08	2.52	2.22	1.80	2.05	2.02	1.79	1.92	2.03	2.99	2.88	2.17	2.16	2.11	2.14	1.89	2.73	2.54	2.09	1.87	1.77	1.59	1.34
	-20.85	-15.74	-9.05	-14.11	-21.05	-16.06	-16.07	-21.59	-20.48	-18.77	-55.34	-9.39	-23.98	-13.98	-14.76	-13.97	-20.04	-7.60	-31.30	-57.49	-54.53	-61.25	-19.26	-19.55
GOWANUS_GT3_6 24127	58.53	54.16	54.17	54.13	54.10	54.13	53.85	53.81	53.99	54.34	102.98	54.69	57.64	47.25	47.31	47.46	48.79	47.46	73.69	94.92	87.90	93.12	50.09	46.29
	2.15	2.08	2.52	2.22	1.80	2.05	2.02	1.79	1.92	2.03	2.99	2.88	2.17	2.16	2.11	2.14	1.89	2.73	2.54	2.09	1.87	1.77	1.59	1.34
	-20.85	-15.74	-9.05	-14.11	-21.05	-16.06	-16.07	-21.59	-20.48	-18.77	-55.34	-9.39	-23.98	-13.98	-14.76	-13.97	-20.04	-7.60	-31.30	-57.49	-54.53	-61.25	-19.26	-19.55
GOWANUS_GT3_7 24128	58.53	54.16	54.17	54.13	54.10	54.13	53.85	53.81	53.99	54.34	102.98	54.69	57.64	47.25	47.31	47.46	48.79	47.46	73.69	94.92	87.90	93.12	50.09	46.29
	2.15	2.08	2.52	2.22	1.80	2.05	2.02	1.79	1.92	2.03	2.99	2.88	2.17	2.16	2.11	2.14	1.89	2.73	2.54	2.09	1.87	1.77	1.59	1.34
	-20.85	-15.74	-9.05	-14.11	-21.05	-16.06	-16.07	-21.59	-20.48	-18.77	-55.34	-9.39	-23.98	-13.98	-14.76	-13.97	-20.04	-7.60	-31.30	-57.49	-54.53	-61.25	-19.26	-19.55
GOWANUS_GT3_8 24129	58.53	54.16	54.17	54.13	54.10	54.13	53.85	53.81	53.99	54.34	102.98	54.69	57.64	47.25	47.31	47.46	48.79	47.46	73.69	94.92	87.90	93.12	50.09	46.29
	2.15	2.08	2.52	2.22	1.80	2.05	2.02	1.79	1.92	2.03	2.99	2.88	2.17	2.16	2.11	2.14	1.89	2.73	2.54	2.09	1.87	1.77	1.59	1.34
	-20.85	-15.74	-9.05	-14.11	-21.05	-16.06	-16.07	-21.59	-20.48	-18.77	-55.34	-9.39	-23.98	-13.98	-14.76	-13.97	-20.04	-7.60	-31.30	-57.49	-54.53	-61.25	-19.26	-19.55
GOWANUS_GT4_1 24130	58.53	54.15	54.18	54.12	54.10	54.13	53.86	53.81	53.99	54.34	102.97	54.69	57.64	47.25	47.31	47.45	48.79	47.46	73.69	94.91	87.89	93.12	50.09	46.29
	2.15	2.07	2.53	2.21	1.80	2.05	2.02	1.80	1.92	2.03	2.99	2.88	2.17	2.15	2.11	2.14	1.89	2.73	2.55	2.08	1.86	1.77	1.60	1.34
	-20.85	-15.74	-9.05	-14.11	-21.05	-16.06	-16.07	-21.59	-20.48	-18.77	-55.34	-9.39	-23.98	-13.98	-14.76	-13.97	-20.04	-7.60	-31.30	-57.49	-54.53	-61.25	-19.26	-19.55
GOWANUS_GT4_2 24131	58.53	54.15	54.18	54.12	54.10	54.13	53.86	53.81	53.99	54.34	102.97	54.69	57.64	47.25	47.31	47.45	48.79	47.46	73.69	94.91	87.89	93.12	50.09	46.29
	2.15	2.07	2.53	2.21	1.80	2.05	2.02	1.80	1.92	2.03	2.99	2.88	2.17	2.15	2.11	2.14	1.89	2.73	2.55	2.08	1.86	1.77	1.60	1.34
	-20.85	-15.74	-9.05	-14.11	-21.05	-16.06	-16.07	-21.59	-20.48	-18.77	-55.34	-9.39	-23.98	-13.98	-14.76	-13.97	-20.04	-7.60	-31.30	-57.49	-54.53	-61.25	-19.26	-19.55

GOWANUS_GT4_3 24132	58.53 2.15 -20.85	54.15 2.07 -15.74	54.18 2.53 -9.05	54.12 2.21 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.86 2.02 -16.07	53.81 1.80 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.97 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.15 -13.98	47.31 2.11 -14.76	47.45 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.55 -31.30	94.91 2.08 -57.49	87.89 1.86 -54.53	93.12 1.77 -61.25	50.09 1.60 -19.26	46.29 1.34 -19.55
GOWANUS_GT4_4 24133	58.53 2.15 -20.85	54.15 2.07 -15.74	54.18 2.53 -9.05	54.12 2.21 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.86 2.02 -16.07	53.81 1.80 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.97 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.15 -13.98	47.31 2.11 -14.76	47.45 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.55 -31.30	94.91 2.08 -57.49	87.89 1.86 -54.53	93.12 1.77 -61.25	50.09 1.60 -19.26	46.29 1.34 -19.55
GOWANUS_GT4_5 24134	58.53 2.15 -20.85	54.15 2.07 -15.74	54.18 2.53 -9.05	54.12 2.21 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.86 2.02 -16.07	53.81 1.80 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.97 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.15 -13.98	47.31 2.11 -14.76	47.45 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.55 -31.30	94.91 2.08 -57.49	87.89 1.86 -54.53	93.12 1.77 -61.25	50.09 1.60 -19.26	46.29 1.34 -19.55
GOWANUS_GT4_6 24135	58.53 2.15 -20.85	54.15 2.07 -15.74	54.18 2.53 -9.05	54.12 2.21 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.86 2.02 -16.07	53.81 1.80 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.97 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.15 -13.98	47.31 2.11 -14.76	47.45 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.55 -31.30	94.91 2.08 -57.49	87.89 1.86 -54.53	93.12 1.77 -61.25	50.09 1.60 -19.26	46.29 1.34 -19.55
GOWANUS_GT4_7 24136	58.53 2.15 -20.85	54.15 2.07 -15.74	54.18 2.53 -9.05	54.12 2.21 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.86 2.02 -16.07	53.81 1.80 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.97 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.15 -13.98	47.31 2.11 -14.76	47.45 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.55 -31.30	94.91 2.08 -57.49	87.89 1.86 -54.53	93.12 1.77 -61.25	50.09 1.60 -19.26	46.29 1.34 -19.55
GOWANUS_GT4_8 24137	58.53 2.15 -20.85	54.15 2.07 -15.74	54.18 2.53 -9.05	54.12 2.21 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.86 2.02 -16.07	53.81 1.80 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.97 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.15 -13.98	47.31 2.11 -14.76	47.45 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.55 -31.30	94.91 2.08 -57.49	87.89 1.86 -54.53	93.12 1.77 -61.25	50.09 1.60 -19.26	46.29 1.34 -19.55
GREENBSH_115KV_TB3 55895	36.84 1.31 0.00	37.59 1.26 0.00	44.11 1.51 0.00	39.17 1.38 0.00	32.37 1.14 0.00	37.34 1.32 0.00	37.08 1.31 0.00	31.57 1.14 0.00	32.80 1.21 0.00	34.77 1.23 0.00	46.16 1.51 0.00	43.61 1.19 0.00	34.52 0.94 -2.10	32.07 0.96 0.00	31.42 0.98 -0.01	32.37 0.96 -0.07	40.39 0.85 -12.67	38.40 1.27 0.00	40.97 1.14 0.00	36.26 0.92 0.00	32.39 0.89 0.00	30.91 0.82 0.00	29.95 0.72 0.00	26.03 0.63 0.00
GREENDGE_115KV_TB5 80291	33.97 -1.57 0.00	34.75 -1.59 0.00	40.44 -2.16 0.00	35.75 -2.04 0.00	29.90 -1.34 0.00	34.52 -1.51 0.00	34.32 -1.66 -0.20	38.34 -1.67 -9.58	30.06 -1.53 0.00	31.84 -1.69 0.00	42.19 -2.46 0.00	40.20 -2.22 0.00	30.37 -1.46 -0.34	30.09 -1.02 0.00	29.42 -1.02 0.00	30.47 -0.88 -0.01	28.20 -0.71 -2.04	36.19 -0.94 0.00	38.35 -1.49 0.00	33.89 -1.45 0.00	30.34 -1.16 0.00	28.81 -1.28 0.00	28.02 -1.22 0.00	24.29 -1.12 0.00
GREENIDGE___3 23582	33.97 -1.57 0.00	34.75 -1.59 0.00	40.44 -2.16 0.00	35.75 -2.04 0.00	29.90 -1.34 0.00	34.52 -1.51 0.00	34.32 -1.66 -0.20	38.34 -1.67 -9.58	30.06 -1.53 0.00	31.84 -1.69 0.00	42.19 -2.46 0.00	40.20 -2.22 0.00	30.37 -1.46 -0.34	30.09 -1.02 0.00	29.42 -1.02 0.00	30.47 -0.88 -0.01	28.20 -0.71 -2.04	36.19 -0.94 0.00	38.35 -1.49 0.00	33.89 -1.45 0.00	30.34 -1.16 0.00	28.81 -1.28 0.00	28.02 -1.22 0.00	24.29 -1.12 0.00
GREENIDGE___4 23583	33.96 -1.57 0.00	34.74 -1.60 0.00	40.46 -2.14 0.00	35.75 -2.04 0.00	29.90 -1.34 0.00	34.52 -1.51 0.00	34.32 -1.65 -0.20	38.34 -1.67 -9.58	30.06 -1.53 0.00	31.84 -1.69 0.00	42.19 -2.46 0.00	40.20 -2.22 0.00	30.37 -1.46 -0.34	30.09 -1.02 0.00	29.42 -1.02 0.00	30.47 -0.88 -0.01	28.20 -0.71 -2.04	36.20 -0.93 0.00	38.35 -1.49 0.00	33.88 -1.45 0.00	30.34 -1.16 0.00	28.81 -1.28 0.00	28.01 -1.22 0.00	24.29 -1.12 0.00
GREENLWN_69_KV_BK 3 55738	38.08 2.55 0.00	38.73 2.39 0.00	45.48 2.88 0.00	40.41 2.62 0.00	33.42 2.18 0.00	38.37 2.34 0.00	38.11 2.34 0.00	32.60 2.17 0.00	33.78 2.19 0.00	35.76 2.23 0.00	48.16 3.51 0.00	45.88 3.46 0.00	35.52 2.33 -1.71	33.42 2.31 0.00	32.80 2.36 -0.01	33.68 2.28 -0.05	39.12 1.94 -10.31	39.77 2.64 0.00	42.49 2.65 0.00	37.64 2.31 0.00	33.61 2.11 0.00	32.19 2.05 -0.05	31.05 1.82 0.00	26.89 1.48 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	58.53 2.15 -20.85	54.15 2.07 -15.74	54.18 2.53 -9.05	54.12 2.21 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.86 2.02 -16.07	53.81 1.80 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.97 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.15 -13.98	47.31 2.11 -14.76	47.45 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.55 -31.30	94.91 2.08 -57.49	87.89 1.86 -54.53	93.12 1.77 -61.25	50.09 1.60 -19.26	46.29 1.34 -19.55
GRISSOM___SOLAR 323813	37.45 1.92 0.00	38.22 1.88 0.00	44.77 2.18 0.00	39.72 1.93 0.00	32.83 1.59 0.00	37.92 1.89 0.00	37.64 1.86 0.00	32.10 1.67 0.00	33.35 1.77 0.00	35.48 1.94 0.00	47.14 2.49 0.00	44.84 2.42 0.00	35.40 1.59 -2.32	32.63 1.52 0.00	31.89 1.44 -0.01	33.26 1.85 -0.07	42.58 1.72 -13.99	39.57 2.44 0.00	42.33 2.50 0.00	37.48 2.14 0.00	33.40 1.91 0.00	31.82 1.73 0.00	30.84 1.61 0.00	26.75 1.34 0.00
GROVEVILLE___HYD 323602	37.80 2.27 0.00	38.54 2.20 0.00	45.23 2.63 0.00	40.09 2.30 0.00	33.14 1.90 0.00	38.19 2.16 0.00	37.92 2.14 0.00	32.34 1.90 0.00	33.63 2.05 0.00	35.73 2.19 0.00	47.77 3.12 0.00	45.45 3.03 0.00	35.42 2.25 -1.69	33.33 2.22 0.00	32.62 2.18 -0.01	33.63 2.23 -0.05	39.04 2.00 -10.17	40.02 2.89 0.00	42.60 2.77 0.00	37.61 2.27 0.00	33.52 2.02 0.00	31.95 1.86 0.00	30.94 1.70 0.00	26.80 1.39 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.68 -0.85 0.00	35.44 -0.90 0.00	41.52 -1.08 0.00	36.84 -0.95 0.00	30.49 -0.74 0.00	35.17 -0.85 0.00	34.90 -0.87 0.00	29.67 -0.76 0.00	30.83 -0.76 0.00	32.68 -0.85 0.00	43.46 -1.18 0.00	41.30 -1.13 0.00	30.94 -0.72 -0.17	30.66 -0.45 0.00	30.00 -0.44 0.00	30.92 -0.43 -0.01	27.59 -0.32 -1.04	36.67 -0.46 0.00	39.15 -0.69 0.00	34.64 -0.69 0.00	30.90 -0.60 0.00	29.50 -0.59 0.00	28.65 -0.58 0.00	24.89 -0.51 0.00

HAMLTNNY_34_KV_TB 80303	34.63 -0.90 0.00	35.39 -0.95 0.00	41.46 -1.14 0.00	36.79 -1.00 0.00	30.45 -0.79 0.00	35.11 -0.91 0.00	34.85 -0.93 0.00	29.60 -0.82 0.00	30.78 -0.81 0.00	32.61 -0.92 0.00	43.38 -1.27 0.00	41.22 -1.20 0.00	30.90 -0.77 -0.18	30.63 -0.48 0.00	29.96 -0.48 0.00	30.88 -0.46 -0.01	27.64 -0.34 -1.11	36.65 -0.48 0.00	39.13 -0.71 0.00	34.60 -0.74 0.00	30.86 -0.64 0.00	29.46 -0.63 0.00	28.63 -0.60 0.00	24.86 -0.54 0.00
HAMPSHIRE___PAPER_HYD 323593	35.27 -0.26 0.00	35.97 -0.37 0.00	42.34 -0.26 0.00	37.57 -0.22 0.00	31.02 -0.22 0.00	35.64 -0.38 0.00	35.30 -0.48 0.00	30.21 -0.22 0.00	31.31 -0.28 0.00	33.26 -0.27 0.00	43.93 -0.72 0.00	41.50 -0.93 0.00	30.66 -0.87 -0.05	29.34 -1.77 0.00	28.81 -1.64 0.00	29.45 -1.89 0.00	26.00 -1.19 -0.32	36.07 -1.06 0.00	38.82 -1.02 0.00	34.52 -0.82 0.00	30.73 -0.76 0.00	29.40 -0.69 0.00	28.82 -0.41 0.00	25.15 -0.26 0.00
HARDSCRABBLE_WT_PWR 323673	36.14 0.61 0.00	36.90 0.56 0.00	43.17 0.57 0.00	38.42 0.63 0.00	31.83 0.59 0.00	36.69 0.67 0.00	36.36 0.58 0.00	31.01 0.58 0.00	32.32 0.73 0.00	34.45 0.92 0.00	45.92 1.27 0.00	43.56 1.14 0.00	32.25 0.76 0.00	31.93 0.82 0.00	31.26 0.82 0.00	32.26 0.92 0.00	27.74 0.87 0.00	38.54 1.41 0.00	41.05 1.21 0.00	36.23 0.89 0.00	32.32 0.82 0.00	30.83 0.73 0.00	29.83 0.59 0.00	25.81 0.40 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	37.24 1.70 0.00	38.02 1.68 0.00	44.64 2.04 0.00	39.60 1.81 0.00	32.71 1.47 0.00	37.69 1.67 0.00	37.41 1.63 0.00	31.87 1.44 0.00	33.14 1.55 0.00	35.18 1.64 0.00	47.04 2.39 0.00	44.74 2.33 0.00	34.77 1.73 -1.54	32.85 1.74 0.00	32.15 1.71 0.00	33.12 1.73 -0.05	37.75 1.57 -9.31	39.45 2.32 0.00	41.97 2.14 0.00	37.04 1.70 0.00	33.01 1.51 0.00	31.52 1.43 0.00	30.56 1.33 0.00	26.48 1.07 0.00
HARSNRAD_115KV_TB1 81005	31.39 -4.14 0.00	32.19 -4.15 0.00	37.60 -5.00 0.00	33.33 -4.46 0.00	27.61 -3.62 0.00	31.97 -4.05 0.00	31.40 -4.27 0.10	21.60 -4.20 4.63	26.97 -4.62 0.00	28.63 -4.91 0.00	38.15 -6.49 0.00	36.55 -5.87 0.00	27.77 -3.97 -0.26	28.13 -2.98 0.00	27.26 -3.18 0.00	28.31 -3.04 -0.01	25.65 -2.78 -1.56	33.29 -3.85 0.00	35.27 -4.57 0.00	31.37 -3.97 0.00	27.97 -3.52 0.00	26.65 -3.45 0.00	25.93 -3.30 0.00	22.45 -2.96 0.00
HARZA MOOSE___RIVER 24016	35.82 0.29 0.00	36.49 0.15 0.00	43.00 0.40 0.00	38.20 0.41 0.00	31.57 0.34 0.00	36.38 0.35 0.00	36.09 0.32 0.00	30.80 0.37 0.00	32.07 0.48 0.00	34.02 0.49 0.00	44.94 0.29 0.00	42.42 0.00 0.00	31.55 0.00 -0.06	31.06 -0.05 0.00	30.56 0.12 0.00	31.35 0.00 0.00	27.36 0.14 -0.35	37.38 0.26 0.00	39.95 0.11 0.00	35.37 0.03 0.00	31.55 0.05 0.00	30.17 0.08 0.00	29.33 0.10 0.00	25.50 0.10 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	34.42 -1.11 0.00	35.17 -1.18 0.00	41.21 -1.39 0.00	36.55 -1.24 0.00	30.28 -0.96 0.00	34.93 -1.09 0.00	34.66 -1.12 0.00	29.45 -0.98 0.00	30.58 -1.01 0.00	32.44 -1.10 0.00	43.15 -1.50 0.00	41.01 -1.41 0.00	30.71 -0.93 -0.16	30.46 -0.64 0.00	29.81 -0.63 0.00	30.71 -0.63 0.00	27.31 -0.51 -0.94	36.39 -0.74 0.00	38.86 -0.97 0.00	34.39 -0.95 0.00	30.67 -0.83 0.00	29.27 -0.82 0.00	28.43 -0.80 0.00	24.70 -0.71 0.00
HELLGATE_13_KV_LD 55870	37.52 2.00 0.00	38.25 1.91 0.00	44.93 2.33 0.00	39.84 2.04 0.00	32.91 1.67 0.00	37.91 1.88 0.00	37.62 1.85 0.00	32.09 1.66 0.00	33.38 1.79 0.00	35.42 1.88 0.00	47.45 2.81 0.00	45.14 2.72 0.00	35.24 2.05 -1.71	33.09 1.99 0.00	32.39 1.95 -0.01	33.36 1.97 -0.05	38.90 1.72 -10.30	39.60 2.46 0.00	42.13 2.29 0.00	37.22 1.88 0.00	33.20 1.70 0.00	31.68 1.58 0.00	30.65 1.42 0.00	26.58 1.17 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.52 2.00 0.00	38.25 1.91 0.00	44.93 2.33 0.00	39.84 2.04 0.00	32.91 1.67 0.00	37.91 1.88 0.00	37.62 1.85 0.00	32.09 1.66 0.00	33.38 1.79 0.00	35.42 1.88 0.00	47.45 2.81 0.00	45.14 2.72 0.00	35.24 2.05 -1.71	33.09 1.99 0.00	32.39 1.95 -0.01	33.36 1.97 -0.05	38.90 1.72 -10.30	39.60 2.46 0.00	42.13 2.29 0.00	37.22 1.88 0.00	33.20 1.70 0.00	31.68 1.58 0.00	30.65 1.42 0.00	26.58 1.17 0.00
HEMPSTEAD____ 23647	37.86 2.33 0.00	38.55 2.21 0.00	45.30 2.71 0.00	40.19 2.40 0.00	33.23 2.00 0.00	38.22 2.20 0.00	37.97 2.20 0.00	32.46 2.03 0.00	33.67 2.08 0.00	35.68 2.14 0.00	47.89 3.24 0.00	45.59 3.17 0.00	35.39 2.19 -1.71	33.29 2.18 0.00	32.63 2.19 -0.01	33.56 2.17 -0.05	39.07 1.89 -10.31	39.75 2.62 0.00	42.41 2.58 0.00	37.52 2.18 0.00	33.50 2.00 0.00	32.09 1.93 -0.07	30.94 1.70 0.00	26.79 1.39 0.00
HEWLETT_69_KV_BK3 55828	38.20 2.67 0.00	38.87 2.53 0.00	45.64 3.04 0.00	40.49 2.70 0.00	33.47 2.23 0.00	38.50 2.48 0.00	38.22 2.45 0.00	32.70 2.27 0.00	33.92 2.33 0.00	35.96 2.42 0.00	48.33 3.69 0.00	46.07 3.65 0.00	35.73 2.53 -1.71	33.62 2.51 0.00	32.95 2.51 -0.01	33.89 2.49 -0.05	39.34 2.16 -10.31	40.10 2.97 0.00	42.78 2.95 0.00	37.82 2.48 0.00	33.75 2.25 0.00	32.33 2.16 -0.08	31.16 1.93 0.00	27.02 1.61 0.00
HICKLING___1 23621	33.91 -1.62 0.00	34.66 -1.68 0.00	40.59 -2.00 0.00	35.90 -1.89 0.00	29.81 -1.43 0.00	34.33 -1.69 0.00	33.89 -1.96 -0.07	32.04 -1.82 -3.43	29.85 -1.74 0.00	31.66 -1.88 0.00	42.06 -2.58 0.00	40.12 -2.30 0.00	30.33 -1.59 -0.43	30.04 -1.07 0.00	29.34 -1.11 0.00	30.37 -0.99 -0.01	28.62 -0.85 -2.60	36.05 -1.08 0.00	38.30 -1.54 0.00	33.58 -1.76 0.00	30.09 -1.41 0.00	28.54 -1.55 0.00	27.81 -1.43 0.00	24.16 -1.25 0.00
HICKLING___2 23622	33.91 -1.62 0.00	34.66 -1.68 0.00	40.59 -2.00 0.00	35.90 -1.89 0.00	29.81 -1.43 0.00	34.33 -1.69 0.00	33.89 -1.96 -0.07	32.04 -1.82 -3.43	29.85 -1.74 0.00	31.66 -1.88 0.00	42.06 -2.58 0.00	40.12 -2.30 0.00	30.33 -1.59 -0.43	30.04 -1.07 0.00	29.34 -1.11 0.00	30.37 -0.99 -0.01	28.62 -0.85 -2.60	36.05 -1.08 0.00	38.30 -1.54 0.00	33.58 -1.76 0.00	30.09 -1.41 0.00	28.54 -1.55 0.00	27.81 -1.43 0.00	24.16 -1.25 0.00
HIGH FALLS___HY 23754	38.09 2.56 0.00	38.81 2.47 0.00	45.52 2.93 0.00	40.34 2.55 0.00	33.34 2.10 0.00	38.42 2.40 0.00	38.16 2.39 0.00	32.57 2.14 0.00	33.90 2.31 0.00	36.02 2.49 0.00	48.22 3.58 0.00	45.96 3.54 0.00	35.71 2.56 -1.67	33.64 2.53 0.00	32.90 2.45 -0.01	33.92 2.53 -0.05	39.23 2.32 -10.04	40.50 3.37 0.00	43.10 3.27 0.00	38.01 2.67 0.00	33.85 2.35 0.00	32.26 2.17 0.00	31.23 1.99 0.00	27.01 1.60 0.00
HIGH_RIVER___SOLAR 323847	36.90 1.37 0.00	37.68 1.34 0.00	44.17 1.58 0.00	39.19 1.40 0.00	32.39 1.16 0.00	37.39 1.36 0.00	37.13 1.35 0.00	31.62 1.19 0.00	32.85 1.26 0.00	34.89 1.36 0.00	46.42 1.78 0.00	44.12 1.70 0.00	34.93 1.20 -2.24	32.23 1.13 0.00	31.53 1.09 -0.01	32.72 1.31 -0.07	41.61 1.21 -13.53	38.86 1.73 0.00	41.54 1.71 0.00	36.78 1.44 0.00	32.80 1.30 0.00	31.27 1.18 0.00	30.33 1.09 0.00	26.32 0.92 0.00

HILLBURN___GT 23639	37.07 1.54 0.00	37.87 1.53 0.00	44.52 1.92 0.00	39.48 1.69 0.00	32.60 1.37 0.00	37.55 1.53 0.00	37.29 1.51 0.00	31.76 1.33 0.00	33.02 1.43 0.00	35.05 1.51 0.00	46.88 2.23 0.00	44.59 2.17 0.00	34.67 1.62 -1.56	32.72 1.62 0.00	32.02 1.58 0.00	32.99 1.60 -0.05	37.72 1.44 -9.41	39.29 2.16 0.00	41.79 1.95 0.00	36.87 1.54 0.00	32.85 1.35 0.00	31.39 1.30 0.00	30.47 1.24 0.00	26.40 1.00 0.00
HILLSIDE_115KV_TB1 80332	33.74 -1.79 0.00	34.50 -1.84 0.00	40.46 -2.14 0.00	35.78 -2.02 0.00	29.70 -1.53 0.00	34.20 -1.82 0.00	33.80 -2.04 -0.06	31.62 -1.85 -3.04	29.79 -1.80 0.00	31.61 -1.93 0.00	42.00 -2.65 0.00	40.03 -2.39 0.00	30.21 -1.72 -0.45	29.91 -1.20 0.00	29.20 -1.25 0.00	30.17 -1.19 -0.01	28.55 -1.00 -2.69	35.85 -1.28 0.00	38.13 -1.70 0.00	33.39 -1.95 0.00	29.96 -1.54 0.00	28.45 -1.64 0.00	27.71 -1.52 0.00	24.09 -1.32 0.00
HISHELDN_WT_PWR 323625	31.80 -3.73 0.00	32.59 -3.75 0.00	38.04 -4.56 0.00	33.70 -4.09 0.00	27.91 -3.32 0.00	32.27 -3.75 0.00	31.35 -4.08 0.35	10.28 -3.89 16.26	27.40 -4.19 0.00	29.05 -4.48 0.00	38.72 -5.92 0.00	37.19 -5.23 0.00	28.28 -3.51 -0.31	28.44 -2.66 0.00	27.70 -2.75 0.00	28.80 -2.55 -0.01	26.43 -2.28 -1.84	34.05 -3.07 0.00	36.07 -3.76 0.00	31.96 -3.38 0.00	28.44 -3.06 0.00	27.03 -3.06 0.00	26.37 -2.87 0.00	22.82 -2.59 0.00
HOLTSVILLE_IC_1 23690	38.62 3.09 0.00	39.23 2.89 0.00	46.08 3.48 0.00	40.94 3.15 0.00	33.89 2.66 0.00	38.93 2.91 0.00	38.67 2.89 0.00	33.14 2.71 0.00	34.32 2.73 0.00	36.24 2.71 0.00	48.83 4.18 0.00	46.51 4.10 0.00	35.92 2.72 -1.71	33.84 2.73 0.00	33.30 2.86 -0.01	34.18 2.78 -0.05	39.54 2.36 -10.31	40.40 3.27 0.00	43.18 3.34 0.00	38.20 2.86 0.00	34.09 2.59 0.00	32.68 2.53 -0.05	31.45 2.21 0.00	27.20 1.79 0.00
HOLTSVILLE_IC_10 23699	38.83 3.30 0.00	39.44 3.10 0.00	46.30 3.70 0.00	41.13 3.34 0.00	34.05 2.81 0.00	39.12 3.09 0.00	38.85 3.08 0.00	33.31 2.88 0.00	34.50 2.91 0.00	36.45 2.92 0.00	49.12 4.47 0.00	46.79 4.37 0.00	36.11 2.91 -1.71	34.04 2.93 0.00	33.52 3.07 -0.01	34.38 2.99 -0.05	39.73 2.55 -10.31	40.68 3.55 0.00	43.47 3.63 0.00	38.45 3.11 0.00	34.30 2.80 0.00	32.87 2.72 -0.05	31.62 2.39 0.00	27.33 1.92 0.00
HOLTSVILLE_IC_2 23691	38.62 3.09 0.00	39.23 2.89 0.00	46.08 3.48 0.00	40.94 3.15 0.00	33.89 2.66 0.00	38.93 2.91 0.00	38.67 2.89 0.00	33.14 2.71 0.00	34.32 2.73 0.00	36.24 2.71 0.00	48.83 4.18 0.00	46.51 4.10 0.00	35.92 2.72 -1.71	33.84 2.73 0.00	33.30 2.86 -0.01	34.18 2.78 -0.05	39.54 2.36 -10.31	40.40 3.27 0.00	43.18 3.34 0.00	38.20 2.86 0.00	34.09 2.59 0.00	32.68 2.53 -0.05	31.45 2.21 0.00	27.20 1.79 0.00
HOLTSVILLE_IC_3 23692	38.62 3.09 0.00	39.23 2.89 0.00	46.08 3.48 0.00	40.94 3.15 0.00	33.89 2.66 0.00	38.93 2.91 0.00	38.67 2.89 0.00	33.14 2.71 0.00	34.32 2.73 0.00	36.24 2.71 0.00	48.83 4.18 0.00	46.51 4.10 0.00	35.92 2.72 -1.71	33.84 2.73 0.00	33.30 2.86 -0.01	34.18 2.78 -0.05	39.54 2.36 -10.31	40.40 3.27 0.00	43.18 3.34 0.00	38.20 2.86 0.00	34.09 2.59 0.00	32.68 2.53 -0.05	31.45 2.21 0.00	27.20 1.79 0.00
HOLTSVILLE_IC_4 23693	38.62 3.09 0.00	39.23 2.89 0.00	46.08 3.48 0.00	40.94 3.15 0.00	33.89 2.66 0.00	38.93 2.91 0.00	38.67 2.89 0.00	33.14 2.71 0.00	34.32 2.73 0.00	36.24 2.71 0.00	48.83 4.18 0.00	46.51 4.10 0.00	35.92 2.72 -1.71	33.84 2.73 0.00	33.30 2.86 -0.01	34.18 2.78 -0.05	39.54 2.36 -10.31	40.40 3.27 0.00	43.18 3.34 0.00	38.20 2.86 0.00	34.09 2.59 0.00	32.68 2.53 -0.05	31.45 2.21 0.00	27.20 1.79 0.00
HOLTSVILLE_IC_5 23694	38.62 3.09 0.00	39.23 2.89 0.00	46.08 3.48 0.00	40.94 3.15 0.00	33.89 2.66 0.00	38.93 2.91 0.00	38.67 2.89 0.00	33.14 2.71 0.00	34.32 2.73 0.00	36.24 2.71 0.00	48.83 4.18 0.00	46.51 4.10 0.00	35.92 2.72 -1.71	33.84 2.73 0.00	33.30 2.86 -0.01	34.18 2.78 -0.05	39.54 2.36 -10.31	40.40 3.27 0.00	43.18 3.34 0.00	38.20 2.86 0.00	34.09 2.59 0.00	32.68 2.53 -0.05	31.45 2.21 0.00	27.20 1.79 0.00
HOLTSVILLE_IC_6 23695	38.83 3.30 0.00	39.44 3.10 0.00	46.30 3.70 0.00	41.13 3.34 0.00	34.05 2.81 0.00	39.12 3.09 0.00	38.85 3.08 0.00	33.31 2.88 0.00	34.50 2.91 0.00	36.45 2.92 0.00	49.12 4.47 0.00	46.79 4.37 0.00	36.11 2.91 -1.71	34.04 2.93 0.00	33.52 3.07 -0.01	34.38 2.99 -0.05	39.73 2.55 -10.31	40.68 3.55 0.00	43.47 3.63 0.00	38.45 3.11 0.00	34.30 2.80 0.00	32.87 2.72 -0.05	31.62 2.39 0.00	27.33 1.92 0.00
HOLTSVILLE_IC_7 23696	38.83 3.30 0.00	39.44 3.10 0.00	46.30 3.70 0.00	41.13 3.34 0.00	34.05 2.81 0.00	39.12 3.09 0.00	38.85 3.08 0.00	33.31 2.88 0.00	34.50 2.91 0.00	36.45 2.92 0.00	49.12 4.47 0.00	46.79 4.37 0.00	36.11 2.91 -1.71	34.04 2.93 0.00	33.52 3.07 -0.01	34.38 2.99 -0.05	39.73 2.55 -10.31	40.68 3.55 0.00	43.47 3.63 0.00	38.45 3.11 0.00	34.30 2.80 0.00	32.87 2.72 -0.05	31.62 2.39 0.00	27.33 1.92 0.00
HOLTSVILLE_IC_8 23697	38.83 3.30 0.00	39.44 3.10 0.00	46.30 3.70 0.00	41.13 3.34 0.00	34.05 2.81 0.00	39.12 3.09 0.00	38.85 3.08 0.00	33.31 2.88 0.00	34.50 2.91 0.00	36.45 2.92 0.00	49.12 4.47 0.00	46.79 4.37 0.00	36.11 2.91 -1.71	34.04 2.93 0.00	33.52 3.07 -0.01	34.38 2.99 -0.05	39.73 2.55 -10.31	40.68 3.55 0.00	43.47 3.63 0.00	38.45 3.11 0.00	34.30 2.80 0.00	32.87 2.72 -0.05	31.62 2.39 0.00	27.33 1.92 0.00
HOLTSVILLE_IC_9 23698	38.83 3.30 0.00	39.44 3.10 0.00	46.30 3.70 0.00	41.13 3.34 0.00	34.05 2.81 0.00	39.12 3.09 0.00	38.85 3.08 0.00	33.31 2.88 0.00	34.50 2.91 0.00	36.45 2.92 0.00	49.12 4.47 0.00	46.79 4.37 0.00	36.11 2.91 -1.71	34.04 2.93 0.00	33.52 3.07 -0.01	34.38 2.99 -0.05	39.73 2.55 -10.31	40.68 3.55 0.00	43.47 3.63 0.00	38.45 3.11 0.00	34.30 2.80 0.00	32.87 2.72 -0.05	31.62 2.39 0.00	27.33 1.92 0.00
HOMER_HL_115KV_TB2 355744	33.21 -2.32 0.00	34.00 -2.34 0.00	39.83 -2.77 0.00	35.36 -2.43 0.00	29.27 -1.97 0.00	33.85 -2.17 0.00	33.18 -2.57 0.03	26.50 -2.78 1.15	28.58 -3.01 0.00	30.38 -3.15 0.00	40.50 -4.15 0.00	38.91 -3.51 0.00	29.55 -2.26 -0.32	29.70 -1.41 0.00	28.89 -1.55 0.00	29.91 -1.44 -0.01	27.31 -1.50 -1.94	35.14 -1.99 0.00	37.11 -2.73 0.00	32.76 -2.58 0.00	29.20 -2.30 0.00	27.80 -2.29 0.00	27.23 -2.01 0.00	23.66 -1.75 0.00
HOWARD_WT_PWR 323690	32.46 -3.07 0.00	33.13 -3.21 0.00	38.54 -4.06 0.00	34.16 -3.63 0.00	28.45 -2.79 0.00	32.85 -3.18 0.00	32.64 -3.55 -0.41	46.38 -3.27 -19.22	28.27 -3.32 0.00	30.07 -3.47 0.00	40.17 -4.48 0.00	38.54 -3.88 0.00	29.27 -2.57 -0.36	29.07 -2.04 0.00	28.47 -1.97 0.00	29.64 -1.71 -0.01	27.52 -1.52 -2.17	35.06 -2.07 0.00	36.98 -2.85 0.00	32.53 -2.81 0.00	28.79 -2.71 0.00	27.26 -2.83 0.00	26.59 -2.64 0.00	22.91 -2.49 0.00

HQ_GEN_CEDARS 23644	36.01 0.48 0.00	36.87 0.53 0.00	43.19 0.59 0.00	38.28 0.49 0.00	31.59 0.36 0.00	36.41 0.39 0.00	36.19 0.42 0.00	30.98 0.55 0.00	31.93 0.34 0.00	33.96 0.43 0.00	45.16 0.52 0.00	42.87 0.45 0.00	31.50 -0.01 -0.02	29.38 -1.73 0.00	28.62 -1.82 0.00	29.31 -2.04 0.00	26.00 -1.04 -0.17	36.85 -0.28 0.00	39.94 0.11 0.00	35.63 0.29 0.00	31.70 0.20 0.00	30.31 0.21 0.00	29.76 0.53 0.00	25.93 0.52 0.00
HQ_GEN_CEDARS_PROXY 323590	36.00 0.47 0.00	36.87 0.53 0.00	43.19 0.59 0.00	38.28 0.48 0.00	31.59 0.36 0.00	36.41 0.39 0.00	36.20 0.42 0.00	30.98 0.55 0.00	31.93 0.34 0.00	33.96 0.42 0.00	45.17 0.52 0.00	42.88 0.45 0.00	31.50 -0.01 -0.02	29.38 -1.73 0.00	28.62 -1.82 0.00	29.31 -2.03 0.00	26.00 -1.04 -0.17	36.86 -0.28 0.00	39.94 0.11 0.00	35.63 0.29 0.00	31.70 0.20 0.00	30.31 0.21 0.00	29.76 0.53 0.00	25.93 0.52 0.00
HQ_GEN_IMPORT 323601	35.78 0.25 0.00	36.66 0.31 0.00	42.94 0.34 0.00	38.08 0.29 0.00	31.45 0.21 0.00	36.27 0.25 0.00	36.07 0.29 0.00	30.68 0.24 0.00	31.81 0.23 0.00	33.80 0.27 0.00	45.00 0.36 0.00	42.75 0.33 0.00	31.38 -0.11 0.00	29.27 -1.84 0.00	28.51 -1.94 0.00	29.20 -2.15 0.00	25.79 -1.08 0.00	36.10 -0.25 0.79	40.71 0.09 -0.78	35.58 0.25 0.00	31.68 0.18 0.00	30.28 0.19 0.00	29.48 0.24 0.00	25.65 0.24 0.00
HQ_GEN_WHEEL 23651	35.78 0.25 0.00	36.66 0.31 0.00	42.94 0.34 0.00	38.08 0.29 0.00	31.45 0.21 0.00	36.27 0.25 0.00	36.07 0.29 0.00	30.68 0.24 0.00	31.81 0.23 0.00	33.80 0.27 0.00	45.00 0.36 0.00	42.75 0.33 0.00	31.38 -0.11 0.00	29.27 -1.84 0.00	28.51 -1.94 0.00	29.20 -2.15 0.00	25.79 -1.08 0.00	36.10 -0.25 0.79	40.71 0.09 -0.78	35.58 0.25 0.00	31.68 0.18 0.00	30.28 0.19 0.00	29.48 0.24 0.00	25.65 0.24 0.00
HUDSON AVE_GT_3 23810	37.47 1.94 0.00	38.19 1.85 0.00	44.85 2.25 0.00	39.77 1.98 0.00	32.85 1.62 0.00	37.85 1.83 0.00	37.58 1.80 0.00	32.05 1.62 0.00	33.32 1.73 0.00	35.36 1.82 0.00	47.37 2.72 0.00	45.09 2.67 0.00	35.21 2.01 -1.71	33.04 1.94 0.00	32.36 1.91 -0.01	33.33 1.94 -0.05	38.88 1.71 -10.30	39.59 2.46 0.00	42.13 2.30 0.00	37.20 1.86 0.00	33.16 1.66 0.00	31.63 1.54 0.00	30.61 1.38 0.00	26.53 1.13 0.00
HUDSON AVE_GT_4 23540	37.47 1.94 0.00	38.19 1.85 0.00	44.85 2.25 0.00	39.77 1.98 0.00	32.85 1.62 0.00	37.85 1.83 0.00	37.58 1.80 0.00	32.05 1.62 0.00	33.32 1.73 0.00	35.36 1.82 0.00	47.37 2.72 0.00	45.09 2.67 0.00	35.21 2.01 -1.71	33.04 1.94 0.00	32.36 1.91 -0.01	33.33 1.94 -0.05	38.88 1.71 -10.30	39.59 2.46 0.00	42.13 2.30 0.00	37.20 1.86 0.00	33.16 1.66 0.00	31.63 1.54 0.00	30.61 1.38 0.00	26.53 1.13 0.00
HUDSON AVE_GT_5 23657	37.47 1.94 0.00	38.19 1.85 0.00	44.85 2.25 0.00	39.77 1.98 0.00	32.85 1.62 0.00	37.85 1.83 0.00	37.58 1.80 0.00	32.05 1.62 0.00	33.32 1.73 0.00	35.36 1.82 0.00	47.37 2.72 0.00	45.09 2.67 0.00	35.21 2.01 -1.71	33.04 1.94 0.00	32.36 1.91 -0.01	33.33 1.94 -0.05	38.88 1.71 -10.30	39.59 2.46 0.00	42.13 2.30 0.00	37.20 1.86 0.00	33.16 1.66 0.00	31.63 1.54 0.00	30.61 1.38 0.00	26.53 1.13 0.00
HUDSON_AVE_10 24168	37.27 1.74 0.00	37.99 1.64 0.00	44.64 2.04 0.00	39.59 1.79 0.00	32.69 1.46 0.00	37.66 1.64 0.00	37.38 1.61 0.00	31.88 1.45 0.00	33.14 1.55 0.00	35.17 1.64 0.00	47.11 2.46 0.00	44.84 2.42 0.00	35.04 1.84 -1.71	32.86 1.76 0.00	32.18 1.74 -0.01	33.15 1.76 -0.05	38.74 1.56 -10.30	39.39 2.26 0.00	41.92 2.09 0.00	37.00 1.67 0.00	32.99 1.49 0.00	31.47 1.38 0.00	30.47 1.23 0.00	26.40 1.00 0.00
HUDSON___115KV_TB 4 355613	37.68 2.15 0.00	38.42 2.08 0.00	45.09 2.49 0.00	40.01 2.22 0.00	33.08 1.84 0.00	38.19 2.17 0.00	37.93 2.16 0.00	32.33 1.90 0.00	33.60 2.01 0.00	35.65 2.12 0.00	47.33 2.68 0.00	44.71 2.29 0.00	35.21 1.67 -2.05	32.71 1.61 0.00	32.09 1.64 -0.01	33.13 1.73 -0.06	40.82 1.59 -12.36	39.48 2.36 0.00	42.11 2.28 0.00	37.22 1.89 0.00	33.23 1.73 0.00	31.66 1.56 0.00	30.64 1.40 0.00	26.57 1.17 0.00
HUNTER MOUNT___DRP 323613	37.99 2.46 0.00	38.73 2.40 0.00	45.43 2.83 0.00	40.32 2.52 0.00	33.34 2.10 0.00	38.49 2.46 0.00	38.25 2.48 0.00	32.61 2.18 0.00	33.92 2.33 0.00	35.99 2.46 0.00	47.77 3.12 0.00	45.13 2.71 0.00	35.45 1.96 -1.99	32.99 1.89 0.00	32.35 1.90 -0.01	33.45 2.05 -0.06	40.75 1.86 -12.02	39.89 2.76 0.00	42.56 2.72 0.00	37.59 2.25 0.00	33.55 2.05 0.00	31.94 1.85 0.00	30.90 1.67 0.00	26.79 1.38 0.00
HUNTINGTON_RES_REC 323705	38.40 2.87 0.00	39.02 2.68 0.00	45.82 3.22 0.00	40.71 2.92 0.00	33.68 2.44 0.00	38.66 2.64 0.00	38.41 2.64 0.00	32.89 2.46 0.00	34.07 2.48 0.00	36.06 2.52 0.00	48.58 3.93 0.00	46.30 3.88 0.00	35.78 2.58 -1.71	33.70 2.59 0.00	33.11 2.67 -0.01	33.99 2.60 -0.05	39.39 2.22 -10.31	40.18 3.05 0.00	42.93 3.10 0.00	38.01 2.67 0.00	33.93 2.43 0.00	32.49 2.35 -0.05	31.29 2.06 0.00	27.08 1.67 0.00
HUNTLEY___63 23557	31.64 -3.89 0.00	32.43 -3.91 0.00	37.88 -4.72 0.00	33.58 -4.22 0.00	27.81 -3.43 0.00	32.20 -3.82 0.00	31.63 -4.04 0.11	21.40 -4.01 5.02	27.20 -4.39 0.00	28.95 -4.59 0.00	38.56 -6.08 0.00	36.95 -5.47 0.00	28.10 -3.65 -0.27	28.44 -2.67 0.00	27.55 -2.89 0.00	28.62 -2.73 -0.01	25.96 -2.52 -1.62	33.65 -3.48 0.00	35.66 -4.18 0.00	31.71 -3.63 0.00	28.28 -3.22 0.00	26.93 -3.16 0.00	26.23 -3.01 0.00	22.68 -2.72 0.00
HUNTLEY___64 23558	31.64 -3.89 0.00	32.43 -3.91 0.00	37.88 -4.72 0.00	33.58 -4.22 0.00	27.81 -3.43 0.00	32.20 -3.82 0.00	31.63 -4.04 0.11	21.40 -4.01 5.02	27.20 -4.39 0.00	28.95 -4.59 0.00	38.56 -6.08 0.00	36.95 -5.47 0.00	28.10 -3.65 -0.27	28.44 -2.67 0.00	27.55 -2.89 0.00	28.62 -2.73 -0.01	25.96 -2.52 -1.62	33.65 -3.48 0.00	35.66 -4.18 0.00	31.71 -3.63 0.00	28.28 -3.22 0.00	26.93 -3.16 0.00	26.23 -3.01 0.00	22.68 -2.72 0.00
HUNTLEY___65 23559	31.64 -3.89 0.00	32.43 -3.91 0.00	37.88 -4.72 0.00	33.58 -4.22 0.00	27.81 -3.43 0.00	32.20 -3.82 0.00	31.63 -4.04 0.11	21.40 -4.01 5.02	27.20 -4.39 0.00	28.95 -4.59 0.00	38.56 -6.08 0.00	36.95 -5.47 0.00	28.10 -3.65 -0.27	28.44 -2.67 0.00	27.55 -2.89 0.00	28.62 -2.73 -0.01	25.96 -2.52 -1.62	33.65 -3.48 0.00	35.66 -4.18 0.00	31.71 -3.63 0.00	28.28 -3.22 0.00	26.93 -3.16 0.00	26.23 -3.01 0.00	22.68 -2.72 0.00
HUNTLEY___66 23560	31.64 -3.89 0.00	32.43 -3.91 0.00	37.88 -4.72 0.00	33.58 -4.22 0.00	27.81 -3.43 0.00	32.20 -3.82 0.00	31.63 -4.04 0.11	21.40 -4.01 5.02	27.20 -4.39 0.00	28.95 -4.59 0.00	38.56 -6.08 0.00	36.95 -5.47 0.00	28.10 -3.65 -0.27	28.44 -2.67 0.00	27.55 -2.89 0.00	28.62 -2.73 -0.01	25.96 -2.52 -1.62	33.65 -3.48 0.00	35.66 -4.18 0.00	31.71 -3.63 0.00	28.28 -3.22 0.00	26.93 -3.16 0.00	26.23 -3.01 0.00	22.68 -2.72 0.00

HUNTLEY___67 23561	31.52 -4.01 0.00	32.32 -4.02 0.00	37.75 -4.85 0.00	33.46 -4.33 0.00	27.72 -3.52 0.00	32.08 -3.94 0.00	31.47 -4.18 0.13	20.38 -4.15 5.90	27.08 -4.51 0.00	28.80 -4.73 0.00	38.37 -6.28 0.00	36.78 -5.64 0.00	27.96 -3.80 -0.27	28.29 -2.82 0.00	27.43 -3.01 0.00	28.46 -2.89 -0.01	25.86 -2.66 -1.65	33.47 -3.66 0.00	35.47 -4.37 0.00	31.54 -3.80 0.00	28.12 -3.37 0.00	26.80 -3.30 0.00	26.10 -3.13 0.00	22.59 -2.81 0.00
HUNTLEY___68 23562	31.52 -4.01 0.00	32.32 -4.02 0.00	37.75 -4.85 0.00	33.46 -4.33 0.00	27.72 -3.52 0.00	32.08 -3.94 0.00	31.47 -4.18 0.13	20.38 -4.15 5.90	27.08 -4.51 0.00	28.80 -4.73 0.00	38.37 -6.28 0.00	36.78 -5.64 0.00	27.96 -3.80 -0.27	28.29 -2.82 0.00	27.43 -3.01 0.00	28.46 -2.89 -0.01	25.86 -2.66 -1.65	33.47 -3.66 0.00	35.47 -4.37 0.00	31.54 -3.80 0.00	28.12 -3.37 0.00	26.80 -3.30 0.00	26.10 -3.13 0.00	22.59 -2.81 0.00
HYLAND___LFG 323620	34.11 -1.42 0.00	35.23 -1.12 0.00	41.14 -1.46 0.00	36.38 -1.42 0.00	30.19 -1.05 0.00	34.92 -1.11 0.00	34.92 -1.30 -0.45	50.04 -1.38 -20.98	30.21 -1.38 0.00	31.79 -1.74 0.00	41.80 -2.85 0.00	39.79 -2.63 0.00	29.76 -2.02 -0.30	30.00 -1.11 0.00	29.28 -1.17 0.00	30.35 -1.00 -0.01	28.14 -0.52 -1.79	36.92 -0.21 0.00	39.21 -0.63 0.00	34.67 -0.67 0.00	30.76 -0.73 0.00	29.22 -0.88 0.00	28.31 -0.92 0.00	24.47 -0.94 0.00
INDECK___CORINTH 23802	36.92 1.39 0.00	37.69 1.35 0.00	44.13 1.53 0.00	39.22 1.43 0.00	32.42 1.19 0.00	37.36 1.34 0.00	37.26 1.48 0.00	31.79 1.36 0.00	33.03 1.44 0.00	35.07 1.54 0.00	46.61 1.96 0.00	44.30 1.88 0.00	35.03 1.37 -2.17	32.51 1.41 0.00	31.81 1.36 -0.01	32.84 1.43 -0.07	41.32 1.35 -13.10	39.13 2.00 0.00	41.79 1.95 0.00	36.93 1.59 0.00	32.88 1.38 0.00	31.26 1.17 0.00	30.26 1.03 0.00	26.27 0.86 0.00
INDECK___ILION 23567	36.02 0.49 0.00	36.78 0.44 0.00	43.09 0.49 0.00	38.26 0.47 0.00	31.65 0.41 0.00	36.50 0.47 0.00	36.20 0.43 0.00	30.84 0.41 0.00	32.09 0.50 0.00	34.12 0.59 0.00	45.43 0.78 0.00	43.14 0.72 0.00	31.98 0.49 0.00	31.61 0.50 0.00	30.93 0.49 0.00	31.90 0.56 0.00	27.42 0.54 0.00	38.01 0.88 0.00	40.59 0.75 0.00	35.88 0.54 0.00	31.99 0.50 0.00	30.54 0.44 0.00	29.59 0.36 0.00	25.66 0.25 0.00
INDECK___OLEAN 23982	33.21 -2.32 0.00	34.00 -2.34 0.00	39.83 -2.78 0.00	35.36 -2.43 0.00	29.25 -1.98 0.00	33.85 -2.18 0.00	33.16 -2.59 0.03	26.53 -2.76 1.15	28.59 -3.00 0.00	30.38 -3.15 0.00	40.50 -4.15 0.00	38.90 -3.52 0.00	29.56 -2.25 -0.32	29.69 -1.42 0.00	28.89 -1.55 0.00	29.91 -1.44 -0.01	27.32 -1.50 -1.94	35.17 -1.96 0.00	37.12 -2.72 0.00	32.76 -2.58 0.00	29.20 -2.30 0.00	27.80 -2.29 0.00	27.23 -2.00 0.00	23.66 -1.75 0.00
INDECK___OSWEGO 23783	34.08 -1.45 0.00	34.81 -1.53 0.00	40.81 -1.78 0.00	36.21 -1.58 0.00	29.98 -1.26 0.00	34.55 -1.47 0.00	34.28 -1.50 0.00	29.15 -1.28 0.00	30.27 -1.32 0.00	32.12 -1.42 0.00	42.70 -1.95 0.00	40.57 -1.85 0.00	30.34 -1.28 -0.13	30.09 -1.02 0.00	29.46 -0.98 0.00	30.33 -1.02 0.00	26.82 -0.84 -0.79	35.89 -1.24 0.00	38.35 -1.49 0.00	33.96 -1.38 0.00	30.24 -1.26 0.00	28.94 -1.15 0.00	28.11 -1.12 0.00	24.43 -0.97 0.00
INDECK___YERKES 23781	31.66 -3.87 0.00	32.44 -3.90 0.00	37.90 -4.70 0.00	33.60 -4.19 0.00	27.84 -3.40 0.00	32.22 -3.80 0.00	31.64 -4.03 0.11	21.46 -3.95 5.02	27.22 -4.37 0.00	28.97 -4.57 0.00	38.59 -6.06 0.00	36.97 -5.45 0.00	28.13 -3.62 -0.27	28.45 -2.65 0.00	27.58 -2.87 0.00	28.63 -2.72 -0.01	25.98 -2.50 -1.62	33.70 -3.43 0.00	35.69 -4.15 0.00	31.73 -3.61 0.00	28.30 -3.20 0.00	26.95 -3.15 0.00	26.25 -2.99 0.00	22.70 -2.71 0.00
INDIAN POINT_GT_1 24139	37.25 1.72 0.00	38.00 1.66 0.00	44.64 2.04 0.00	39.59 1.80 0.00	32.70 1.46 0.00	37.68 1.66 0.00	37.40 1.63 0.00	31.88 1.45 0.00	33.15 1.56 0.00	35.18 1.64 0.00	47.06 2.41 0.00	44.78 2.36 0.00	34.93 1.76 -1.68	32.84 1.73 0.00	32.15 1.71 -0.01	33.12 1.73 -0.05	38.54 1.53 -10.14	39.38 2.25 0.00	41.91 2.07 0.00	37.00 1.66 0.00	32.98 1.49 0.00	31.47 1.38 0.00	30.48 1.25 0.00	26.41 1.01 0.00
INDIAN POINT_GT_2 23659	37.25 1.72 0.00	38.00 1.66 0.00	44.64 2.04 0.00	39.59 1.80 0.00	32.70 1.46 0.00	37.68 1.66 0.00	37.40 1.63 0.00	31.88 1.45 0.00	33.15 1.56 0.00	35.18 1.64 0.00	47.06 2.41 0.00	44.78 2.36 0.00	34.93 1.76 -1.68	32.84 1.73 0.00	32.15 1.71 -0.01	33.12 1.73 -0.05	38.54 1.53 -10.14	39.38 2.25 0.00	41.91 2.07 0.00	37.00 1.66 0.00	32.98 1.49 0.00	31.47 1.38 0.00	30.48 1.25 0.00	26.41 1.01 0.00
INDIAN POINT_GT_3 24019	37.25 1.72 0.00	38.00 1.66 0.00	44.64 2.04 0.00	39.59 1.80 0.00	32.70 1.46 0.00	37.68 1.66 0.00	37.40 1.63 0.00	31.88 1.45 0.00	33.15 1.56 0.00	35.18 1.64 0.00	47.06 2.41 0.00	44.78 2.36 0.00	34.93 1.76 -1.68	32.84 1.73 0.00	32.15 1.71 -0.01	33.12 1.73 -0.05	38.54 1.53 -10.14	39.38 2.25 0.00	41.91 2.07 0.00	37.00 1.66 0.00	32.98 1.49 0.00	31.47 1.38 0.00	30.48 1.25 0.00	26.41 1.01 0.00
INDIAN POINT___2 23530	37.14 1.60 0.00	37.90 1.56 0.00	44.52 1.92 0.00	39.49 1.70 0.00	32.61 1.37 0.00	37.57 1.55 0.00	37.30 1.52 0.00	31.79 1.36 0.00	33.05 1.46 0.00	35.07 1.53 0.00	46.92 2.27 0.00	44.63 2.21 0.00	34.76 1.65 -1.63	32.73 1.63 0.00	32.05 1.60 -0.01	33.02 1.63 -0.05	38.12 1.44 -9.81	39.26 2.13 0.00	41.78 1.95 0.00	36.88 1.55 0.00	32.87 1.37 0.00	31.39 1.30 0.00	30.43 1.20 0.00	26.38 0.97 0.00
INDIAN POINT___3 23531	37.37 1.84 0.00	38.10 1.76 0.00	44.74 2.14 0.00	39.68 1.88 0.00	32.77 1.54 0.00	37.77 1.74 0.00	37.49 1.72 0.00	31.96 1.54 0.00	33.23 1.64 0.00	35.26 1.73 0.00	47.20 2.55 0.00	44.90 2.48 0.00	35.07 1.85 -1.72	32.92 1.81 0.00	32.24 1.80 -0.01	33.21 1.81 -0.05	38.86 1.60 -10.39	39.44 2.31 0.00	42.00 2.16 0.00	37.09 1.75 0.00	33.08 1.58 0.00	31.51 1.42 0.00	30.45 1.22 0.00	26.40 1.00 0.00
INGHAM_C_115KV_TB7 356103	36.40 0.87 0.00	37.14 0.80 0.00	43.47 0.87 0.00	38.66 0.86 0.00	32.00 0.77 0.00	36.91 0.89 0.00	36.55 0.77 0.00	31.17 0.74 0.00	32.50 0.91 0.00	34.65 1.12 0.00	46.15 1.50 0.00	43.76 1.33 0.00	32.37 0.88 0.00	32.05 0.95 0.00	31.38 0.94 0.00	32.43 1.09 0.00	27.92 1.05 0.00	38.79 1.66 0.00	41.27 1.43 0.00	36.37 1.03 0.00	32.45 0.95 0.00	30.93 0.85 0.00	29.90 0.67 0.00	25.86 0.45 0.00
IP CORINTH___1 23988	37.11 1.58 0.00	37.88 1.54 0.00	44.36 1.76 0.00	39.42 1.63 0.00	32.59 1.36 0.00	37.56 1.53 0.00	37.46 1.68 0.00	31.94 1.52 0.00	33.19 1.60 0.00	35.25 1.71 0.00	46.84 2.19 0.00	44.54 2.12 0.00	35.21 1.55 -2.17	32.68 1.58 0.00	31.97 1.52 -0.01	33.02 1.61 -0.07	41.46 1.50 -13.10	39.33 2.20 0.00	42.00 2.16 0.00	37.11 1.78 0.00	33.05 1.55 0.00	31.43 1.33 0.00	30.42 1.19 0.00	26.41 1.00 0.00

IP___TICONDEROGA 23804	38.74 3.20 0.00	39.71 3.37 0.00	46.33 3.73 0.00	41.14 3.35 0.00	34.09 2.86 0.00	39.36 3.34 0.00	39.18 3.40 0.00	33.44 3.01 0.00	34.63 3.04 0.00	36.63 3.10 0.00	48.52 3.88 0.00	46.19 3.77 0.00	36.32 2.66 -2.17	33.90 2.79 0.00	33.18 2.73 -0.01	34.27 2.86 -0.07	42.62 2.66 -13.08	41.06 3.93 0.00	43.94 4.10 0.00	38.76 3.43 0.00	34.46 2.97 0.00	32.65 2.55 0.00	31.58 2.35 0.00	27.50 2.10 0.00
ISLIP_RES_REC 323679	38.97 3.44 0.00	39.56 3.22 0.00	46.44 3.84 0.00	41.25 3.46 0.00	34.16 2.92 0.00	39.24 3.22 0.00	38.98 3.21 0.00	33.42 2.99 0.00	34.63 3.04 0.00	36.58 3.05 0.00	49.32 4.67 0.00	46.99 4.56 0.00	36.25 3.06 -1.71	34.18 3.07 0.00	33.65 3.20 -0.01	34.52 3.12 -0.05	39.85 2.67 -10.31	40.86 3.73 0.00	43.65 3.82 0.00	38.61 3.27 0.00	34.44 2.94 0.00	32.98 2.84 -0.05	31.72 2.49 0.00	27.41 2.00 0.00
JAMAICA__27_KV_LOAD 355505	37.32 1.79 0.00	38.04 1.70 0.00	44.74 2.14 0.00	39.66 1.87 0.00	32.76 1.52 0.00	37.75 1.72 0.00	37.43 1.66 0.00	31.92 1.49 0.00	33.18 1.59 0.00	35.20 1.67 0.00	47.13 2.48 0.00	44.84 2.42 0.00	35.06 1.87 -1.71	32.89 1.79 0.00	32.22 1.77 -0.01	33.20 1.80 -0.05	38.79 1.61 -10.30	39.47 2.34 0.00	42.00 2.17 0.00	37.04 1.71 0.00	33.03 1.53 0.00	31.51 1.41 0.00	30.55 1.32 0.00	26.45 1.05 0.00
JANIS___SOLAR 323808	35.79 0.26 0.00	36.57 0.23 0.00	42.72 0.12 0.00	37.86 0.07 0.00	31.35 0.12 0.00	36.16 0.14 0.00	35.96 0.19 0.00	30.58 0.15 0.00	31.84 0.25 0.00	33.75 0.22 0.00	44.81 0.16 0.00	42.59 0.17 0.00	32.22 0.28 -0.46	31.92 0.82 0.00	31.20 0.76 0.00	32.29 0.93 -0.01	30.65 1.03 -2.75	38.68 1.55 0.00	41.29 1.45 0.00	36.40 1.07 0.00	32.47 0.97 0.00	30.83 0.74 0.00	29.92 0.69 0.00	25.92 0.51 0.00
JARVIS____ 23743	35.63 0.10 0.00	36.41 0.07 0.00	42.69 0.09 0.00	37.90 0.11 0.00	31.32 0.07 0.00	36.09 0.07 0.00	35.85 0.07 0.00	30.49 0.06 0.00	31.66 0.07 0.00	33.61 0.07 0.00	44.78 0.13 0.00	42.55 0.13 0.00	31.59 0.10 0.00	31.19 0.08 0.00	30.53 0.09 0.00	31.43 0.08 0.00	26.97 0.10 0.00	37.33 0.20 0.00	39.95 0.12 0.00	35.38 0.05 0.00	31.56 0.06 0.00	30.17 0.08 0.00	29.29 0.06 0.00	25.44 0.03 0.00
JENNISON___1 23625	35.64 0.11 0.00	36.31 -0.03 0.00	42.35 -0.25 0.00	37.73 -0.06 0.00	31.22 -0.02 0.00	35.95 -0.08 0.00	35.68 -0.09 0.00	30.33 -0.10 0.00	31.55 -0.04 0.00	33.65 0.11 0.00	45.14 0.50 0.00	43.09 0.67 0.00	32.72 0.64 -0.59	32.25 1.15 0.00	31.40 0.96 0.00	32.53 1.18 -0.02	31.65 1.21 -3.57	38.91 1.78 0.00	41.50 1.66 0.00	36.59 1.25 0.00	32.66 1.16 0.00	30.95 0.86 0.00	29.94 0.70 0.00	26.02 0.62 0.00
JENNISON___2 23626	35.64 0.11 0.00	36.31 -0.03 0.00	42.35 -0.25 0.00	37.73 -0.06 0.00	31.22 -0.02 0.00	35.95 -0.08 0.00	35.68 -0.09 0.00	30.33 -0.10 0.00	31.55 -0.04 0.00	33.65 0.11 0.00	45.14 0.50 0.00	43.09 0.67 0.00	32.72 0.64 -0.59	32.25 1.15 0.00	31.40 0.96 0.00	32.53 1.18 -0.02	31.65 1.21 -3.57	38.91 1.78 0.00	41.50 1.66 0.00	36.59 1.25 0.00	32.66 1.16 0.00	30.95 0.86 0.00	29.94 0.70 0.00	26.02 0.62 0.00
JERICHO_RISE_WT_PWR 323719	36.16 0.63 0.00	37.02 0.68 0.00	43.25 0.66 0.00	38.33 0.54 0.00	31.64 0.40 0.00	36.52 0.50 0.00	36.40 0.63 0.00	30.97 0.54 0.00	32.11 0.51 0.00	34.13 0.59 0.00	45.43 0.78 0.00	43.13 0.71 0.00	31.71 0.22 0.00	29.55 -1.56 0.00	28.78 -1.67 0.00	29.43 -1.91 0.00	25.93 -0.94 0.00	37.02 -0.11 0.00	40.01 0.17 0.00	35.76 0.42 0.00	31.73 0.23 0.00	30.36 0.26 0.00	29.53 0.30 0.00	25.71 0.30 0.00
KATONAH___115KV_46KV_TB4 355592	37.64 2.11 0.00	38.36 2.02 0.00	45.03 2.43 0.00	39.93 2.14 0.00	32.98 1.75 0.00	38.01 1.99 0.00	37.75 1.98 0.00	32.19 1.76 0.00	33.48 1.89 0.00	35.55 2.01 0.00	47.56 2.91 0.00	45.25 2.83 0.00	35.32 2.10 -1.72	33.17 2.06 0.00	32.48 2.03 -0.01	33.46 2.06 -0.05	39.09 1.82 -10.40	39.76 2.63 0.00	42.34 2.50 0.00	37.37 2.04 0.00	33.32 1.82 0.00	31.77 1.67 0.00	30.73 1.50 0.00	26.63 1.23 0.00
KCE_NY_1 323755	37.43 1.90 0.00	38.20 1.86 0.00	44.75 2.15 0.00	39.76 1.97 0.00	32.84 1.60 0.00	37.90 1.88 0.00	37.68 1.90 0.00	32.11 1.68 0.00	33.35 1.77 0.00	35.42 1.88 0.00	47.17 2.53 0.00	44.75 2.33 0.00	35.39 1.73 -2.17	32.85 1.75 0.00	32.16 1.71 -0.01	33.20 1.80 -0.07	41.55 1.62 -13.06	39.45 2.32 0.00	42.18 2.34 0.00	37.26 1.93 0.00	33.21 1.71 0.00	31.63 1.54 0.00	30.69 1.46 0.00	26.59 1.19 0.00
KCE_NY_6_ESR 323823	32.01 -3.52 0.00	32.80 -3.54 0.00	38.31 -4.29 0.00	33.95 -3.84 0.00	28.12 -3.12 0.00	32.54 -3.48 0.00	31.87 -3.77 0.13	20.58 -3.73 6.12	29.24 -4.09 0.00	38.95 -4.30 0.00	37.34 -5.70 0.00	37.34 -5.08 0.00	28.40 -3.37 -0.28	28.69 -2.42 0.00	27.87 -2.57 0.00	28.92 -2.43 -0.01	26.35 -2.23 -1.72	34.13 -3.00 0.00	36.13 -3.71 0.00	32.08 -3.26 0.00	28.58 -2.92 0.00	27.21 -2.88 0.00	26.53 -2.70 0.00	22.96 -2.44 0.00
KEDC_PORT_JEFF_GT2 24210	38.78 3.25 0.00	39.38 3.04 0.00	46.23 3.63 0.00	41.07 3.28 0.00	34.00 2.77 0.00	39.06 3.04 0.00	38.81 3.03 0.00	33.26 2.83 0.00	34.46 2.87 0.00	36.40 2.86 0.00	49.06 4.41 0.00	46.74 4.32 0.00	36.07 2.87 -1.71	33.99 2.89 0.00	33.47 3.02 -0.01	34.34 2.95 -0.05	39.69 2.51 -10.31	40.63 3.50 0.00	43.41 3.58 0.00	38.40 3.07 0.00	34.25 2.76 0.00	32.82 2.68 -0.05	31.58 2.34 0.00	27.29 1.89 0.00
KEDC_PORT_JEFF_GT3 24211	38.78 3.25 0.00	39.38 3.04 0.00	46.23 3.63 0.00	41.07 3.28 0.00	34.00 2.77 0.00	39.06 3.04 0.00	38.81 3.03 0.00	33.26 2.83 0.00	34.46 2.87 0.00	36.40 2.86 0.00	49.06 4.41 0.00	46.74 4.32 0.00	36.07 2.87 -1.71	33.99 2.89 0.00	33.47 3.02 -0.01	34.34 2.95 -0.05	39.69 2.51 -10.31	40.63 3.50 0.00	43.41 3.58 0.00	38.40 3.07 0.00	34.25 2.76 0.00	32.82 2.68 -0.05	31.58 2.34 0.00	27.29 1.89 0.00
KEDC_GLWD_GT4 24219	37.87 2.34 0.00	38.57 2.23 0.00	45.29 2.70 0.00	40.18 2.39 0.00	33.21 1.97 0.00	38.21 2.19 0.00	37.98 2.20 0.00	32.42 1.99 0.00	33.67 2.08 0.00	35.70 2.17 0.00	47.76 3.11 0.00	45.34 2.92 0.00	35.27 2.07 -1.71	33.15 2.04 0.00	32.48 2.03 -0.01	33.42 2.03 -0.05	38.96 1.78 -10.31	39.63 2.50 0.00	42.26 2.43 0.00	37.46 2.12 0.00	33.50 2.00 0.00	32.08 1.90 -0.08	30.93 1.70 0.00	26.79 1.39 0.00
KEDC_GLWD_GT5 24220	37.87 2.34 0.00	38.57 2.23 0.00	45.29 2.70 0.00	40.18 2.39 0.00	33.21 1.97 0.00	38.21 2.19 0.00	37.98 2.20 0.00	32.42 1.99 0.00	33.67 2.08 0.00	35.70 2.17 0.00	47.76 3.11 0.00	45.34 2.92 0.00	35.27 2.07 -1.71	33.15 2.04 0.00	32.48 2.03 -0.01	33.42 2.03 -0.05	38.96 1.78 -10.31	39.63 2.50 0.00	42.26 2.43 0.00	37.46 2.12 0.00	33.50 2.00 0.00	32.08 1.90 -0.08	30.93 1.70 0.00	26.79 1.39 0.00

KENSICO____ 23655	37.41 1.88 0.00	38.13 1.79 0.00	44.78 2.18 0.00	39.71 1.92 0.00	32.80 1.57 0.00	37.80 1.78 0.00	37.52 1.75 0.00	31.99 1.57 0.00	33.26 1.67 0.00	35.30 1.76 0.00	47.24 2.59 0.00	44.96 2.54 0.00	35.09 1.89 -1.71	32.95 1.85 0.00	32.27 1.83 -0.01	33.24 1.85 -0.05	38.80 1.63 -10.29	39.49 2.36 0.00	42.05 2.22 0.00	37.13 1.79 0.00	33.11 1.61 0.00	31.58 1.49 0.00	30.56 1.33 0.00	26.49 1.08 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	37.98 2.44 0.00	38.70 2.36 0.00	45.39 2.79 0.00	40.24 2.44 0.00	33.25 2.01 0.00	38.32 2.30 0.00	38.07 2.30 0.00	32.48 2.05 0.00	33.80 2.21 0.00	35.91 2.38 0.00	48.04 3.40 0.00	45.76 3.34 0.00	35.50 2.41 -1.60	33.50 2.39 0.00	32.77 2.32 -0.01	33.78 2.39 -0.05	38.70 2.20 -9.64	40.33 3.20 0.00	42.93 3.09 0.00	37.87 2.54 0.00	33.72 2.23 0.00	32.16 2.06 0.00	31.12 1.89 0.00	26.92 1.52 0.00
KIAC_JFK_GT1 23816	36.98 1.45 0.00	37.69 1.35 0.00	44.48 1.88 0.00	39.45 1.66 0.00	32.57 1.34 0.00	37.54 1.51 0.00	37.23 1.45 0.00	31.75 1.32 0.00	32.97 1.38 0.00	34.88 1.35 0.00	46.70 2.05 0.00	44.44 2.01 0.00	34.76 1.57 -1.71	32.58 1.47 0.00	31.91 1.46 -0.01	32.88 1.49 -0.05	38.51 1.34 -10.30	39.09 1.96 0.00	41.60 1.76 0.00	36.68 1.35 0.00	32.72 1.22 0.00	31.21 1.12 0.00	30.37 1.14 0.00	26.31 0.90 0.00
KIAC_JFK_GT2 23817	36.98 1.45 0.00	37.69 1.35 0.00	44.48 1.88 0.00	39.45 1.66 0.00	32.57 1.34 0.00	37.54 1.51 0.00	37.23 1.45 0.00	31.75 1.32 0.00	32.97 1.38 0.00	34.88 1.35 0.00	46.70 2.05 0.00	44.44 2.01 0.00	34.76 1.57 -1.71	32.58 1.47 0.00	31.91 1.46 -0.01	32.88 1.49 -0.05	38.51 1.34 -10.30	39.09 1.96 0.00	41.60 1.76 0.00	36.68 1.35 0.00	32.72 1.22 0.00	31.21 1.12 0.00	30.37 1.14 0.00	26.31 0.90 0.00
KIAC_JFK____ 323774	36.98 1.44 0.00	37.69 1.35 0.00	44.48 1.88 0.00	39.45 1.66 0.00	32.58 1.34 0.00	37.54 1.51 0.00	37.23 1.46 0.00	31.74 1.31 0.00	32.96 1.37 0.00	34.88 1.35 0.00	46.69 2.04 0.00	44.43 2.01 0.00	34.75 1.56 -1.71	32.58 1.48 0.00	31.91 1.46 -0.01	32.88 1.49 -0.05	38.51 1.34 -10.30	39.09 1.96 0.00	41.60 1.76 0.00	36.69 1.35 0.00	32.71 1.22 0.00	31.21 1.12 0.00	30.36 1.13 0.00	26.31 0.90 0.00
KINTIGH____ 23543	31.87 -3.66 0.00	32.67 -3.68 0.00	38.18 -4.42 0.00	33.86 -3.93 0.00	28.04 -3.20 0.00	32.44 -3.58 0.00	31.92 -3.79 0.06	23.77 -3.75 2.91	27.55 -4.04 0.00	29.27 -4.27 0.00	38.98 -5.67 0.00	37.30 -5.12 0.00	28.26 -3.47 -0.23	28.47 -2.64 0.00	27.64 -2.80 0.00	28.65 -2.70 -0.01	25.83 -2.46 -1.42	33.70 -3.43 0.00	35.76 -4.07 0.00	31.78 -3.55 0.00	28.34 -3.15 0.00	27.02 -3.07 0.00	26.31 -2.92 0.00	22.80 -2.61 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	36.71 1.18 0.00	37.59 1.25 0.00	43.92 1.32 0.00	38.87 1.08 0.00	32.11 0.87 0.00	37.02 1.00 0.00	36.91 1.14 0.00	31.42 0.99 0.00	32.54 0.95 0.00	34.58 1.05 0.00	46.04 1.39 0.00	43.71 1.29 0.00	32.20 0.72 0.00	30.09 -1.02 0.00	29.31 -1.13 0.00	30.00 -1.34 0.00	26.40 -0.47 0.00	37.62 0.48 0.00	40.56 0.73 0.00	36.24 0.90 0.00	32.13 0.63 0.00	30.73 0.64 0.00	29.88 0.65 0.00	26.06 0.65 0.00
LACHUTE__HYDRO 323717	38.73 3.20 0.00	39.71 3.37 0.00	46.32 3.73 0.00	41.14 3.35 0.00	34.09 2.86 0.00	39.36 3.34 0.00	39.18 3.40 0.00	33.44 3.01 0.00	34.63 3.04 0.00	36.64 3.10 0.00	48.53 3.88 0.00	46.19 3.77 0.00	36.32 2.66 -2.17	33.90 2.79 0.00	33.18 2.74 -0.01	34.26 2.86 -0.07	42.62 2.66 -13.08	41.06 3.93 0.00	43.94 4.10 0.00	38.77 3.43 0.00	34.46 2.97 0.00	32.65 2.55 0.00	31.58 2.35 0.00	27.51 2.10 0.00
LAWRNCV_115KV_TB1 80681	35.70 0.17 0.00	36.54 0.19 0.00	42.81 0.21 0.00	37.95 0.15 0.00	31.31 0.07 0.00	36.01 -0.02 0.00	35.71 -0.07 0.00	30.57 0.14 0.00	31.54 -0.05 0.00	33.54 0.01 0.00	44.55 -0.10 0.00	42.25 -0.17 0.00	31.04 -0.48 -0.03	28.98 -2.13 0.00	28.27 -2.17 0.00	28.92 -2.42 0.00	25.69 -1.39 -0.21	36.30 -0.83 0.00	39.34 -0.50 0.00	35.10 -0.24 0.00	31.20 -0.30 0.00	29.84 -0.25 0.00	29.36 0.13 0.00	25.64 0.23 0.00
LEDERLE____ 23769	37.11 1.58 0.00	37.94 1.60 0.00	44.61 2.01 0.00	39.56 1.77 0.00	32.67 1.44 0.00	37.64 1.62 0.00	37.36 1.58 0.00	31.83 1.40 0.00	33.09 1.50 0.00	35.12 1.59 0.00	46.97 2.33 0.00	44.69 2.27 0.00	34.75 1.69 -1.57	32.79 1.68 0.00	32.10 1.66 0.00	33.08 1.69 -0.05	37.84 1.51 -9.47	39.37 2.24 0.00	41.90 2.06 0.00	36.96 1.62 0.00	32.92 1.42 0.00	31.48 1.39 0.00	30.55 1.32 0.00	26.48 1.07 0.00
LIGHTHSE_115KV_TB6 355974	34.48 -1.05 0.00	35.16 -1.18 0.00	41.37 -1.23 0.00	36.69 -1.09 0.00	30.36 -0.88 0.00	34.94 -1.08 0.00	34.57 -1.21 0.00	29.46 -0.97 0.00	30.62 -0.97 0.00	32.54 -0.99 0.00	43.09 -1.56 0.00	40.90 -1.52 0.00	30.56 -1.05 -0.12	30.26 -0.85 0.00	29.71 -0.73 0.00	30.53 -0.82 0.00	26.93 -0.67 -0.74	36.12 -1.01 0.00	38.57 -1.27 0.00	34.17 -1.16 0.00	30.46 -1.04 0.00	29.16 -0.93 0.00	28.36 -0.87 0.00	24.63 -0.77 0.00
LINDEN COGEN____ 23786	37.17 1.64 0.00	37.88 1.53 0.00	44.48 1.89 0.00	39.46 1.67 0.00	32.59 1.35 0.00	37.54 1.52 0.00	37.27 1.50 0.00	31.79 1.36 0.00	32.98 1.45 0.06	34.78 1.52 0.27	45.73 2.29 1.22	44.20 2.27 0.49	33.98 1.71 -0.77	32.37 1.63 0.37	31.48 1.61 0.57	32.36 1.63 0.61	38.29 1.44 -9.98	39.24 2.11 0.00	41.76 1.93 0.00	35.80 1.53 1.07	29.99 1.37 2.87	30.57 1.26 0.78	29.45 1.09 0.88	25.99 0.89 0.31
LINDHRST_69_KV_BK1 356055	38.56 3.03 0.00	39.19 2.85 0.00	46.06 3.46 0.00	40.87 3.08 0.00	33.82 2.59 0.00	38.86 2.84 0.00	38.61 2.83 0.00	33.06 2.63 0.00	34.24 2.65 0.00	36.26 2.73 0.00	48.79 4.14 0.00	46.49 4.07 0.00	35.98 2.79 -1.71	33.90 2.79 0.00	33.28 2.83 -0.01	34.21 2.82 -0.05	39.61 2.43 -10.31	40.52 3.39 0.00	43.26 3.43 0.00	38.25 2.92 0.00	34.14 2.64 0.00	32.69 2.55 -0.06	31.49 2.26 0.00	27.25 1.84 0.00
LIPA_MISC_IPP 23656	38.83 3.30 0.00	39.42 3.08 0.00	46.28 3.68 0.00	41.11 3.32 0.00	34.07 2.83 0.00	39.14 3.12 0.00	38.87 3.10 0.00	33.36 2.93 0.00	34.52 2.93 0.00	36.41 2.88 0.00	49.10 4.45 0.00	46.74 4.32 0.00	35.98 2.79 -1.71	33.89 2.78 0.00	33.48 3.03 -0.01	34.31 2.91 -0.05	39.64 2.46 -10.31	40.58 3.45 0.00	43.37 3.53 0.00	38.35 3.02 0.00	34.22 2.73 0.00	32.82 2.68 -0.05	31.55 2.32 0.00	27.25 1.84 0.00
LISF__SOLAR 323691	38.91 3.38 0.00	39.49 3.15 0.00	46.36 3.77 0.00	41.20 3.41 0.00	34.13 2.89 0.00	39.20 3.18 0.00	38.94 3.16 0.00	33.41 2.98 0.00	34.59 3.00 0.00	36.48 2.95 0.00	49.19 4.55 0.00	46.83 4.41 0.00	36.05 2.85 -1.71	33.96 2.86 0.00	33.55 3.10 -0.01	34.38 2.99 -0.05	39.71 2.53 -10.31	40.67 3.54 0.00	43.46 3.63 0.00	38.43 3.10 0.00	34.29 2.80 0.00	32.89 2.74 -0.05	31.60 2.37 0.00	27.30 1.90 0.00

LITTLE FALLS___HYD 24013	36.40 0.87 0.00	37.14 0.80 0.00	43.47 0.87 0.00	38.66 0.86 0.00	32.00 0.77 0.00	36.91 0.89 0.00	36.55 0.77 0.00	31.17 0.74 0.00	32.50 0.91 0.00	34.65 1.12 0.00	46.15 1.50 0.00	43.76 1.33 0.00	32.37 0.88 0.00	32.05 0.95 0.00	31.38 0.94 0.00	32.43 1.09 0.00	27.92 1.05 0.00	38.79 1.66 0.00	41.27 1.43 0.00	36.37 1.03 0.00	32.45 0.95 0.00	30.93 0.85 0.00	29.90 0.67 0.00	25.86 0.45 0.00
LITTLRIV_115KV_TB1 356100	36.13 0.60 0.00	36.97 0.63 0.00	43.31 0.72 0.00	38.39 0.59 0.00	31.67 0.43 0.00	36.45 0.42 0.00	36.15 0.38 0.00	30.96 0.53 0.00	31.96 0.37 0.00	33.99 0.45 0.00	45.10 0.46 0.00	42.75 0.33 0.00	31.39 -0.12 -0.03	29.29 -1.82 0.00	28.54 -1.91 0.00	29.24 -2.11 0.00	26.01 -1.08 -0.22	36.78 -0.35 0.00	39.88 0.04 0.00	35.59 0.26 0.00	31.63 0.13 0.00	30.22 0.13 0.00	29.71 0.48 0.00	25.92 0.52 0.00
LI_NEWBRDGE___DRP 323616	37.87 2.34 0.00	38.54 2.20 0.00	45.27 2.68 0.00	40.19 2.39 0.00	33.24 2.00 0.00	38.20 2.18 0.00	37.95 2.18 0.00	32.45 2.02 0.00	33.65 2.06 0.00	35.64 2.11 0.00	47.91 3.27 0.00	45.63 3.21 0.00	35.39 2.19 -1.71	33.29 2.18 0.00	32.66 2.21 -0.01	33.56 2.16 -0.05	39.05 1.87 -10.31	39.71 2.58 0.00	42.39 2.56 0.00	37.49 2.16 0.00	33.47 1.97 0.00	32.05 1.91 -0.05	30.90 1.67 0.00	26.78 1.37 0.00
LOCKPORT_115KV_TB60_63_64 80432	31.42 -4.11 0.00	32.21 -4.13 0.00	37.63 -4.97 0.00	33.35 -4.44 0.00	27.63 -3.60 0.00	31.99 -4.04 0.00	31.45 -4.24 0.09	22.00 -4.15 4.28	27.00 -4.59 0.00	28.66 -4.87 0.00	38.21 -6.44 0.00	36.59 -5.83 0.00	27.79 -3.95 -0.26	28.15 -2.95 0.00	27.28 -3.16 0.00	28.34 -3.01 -0.01	25.66 -2.76 -1.55	33.32 -3.81 0.00	35.31 -4.53 0.00	31.41 -3.93 0.00	28.00 -3.49 0.00	26.67 -3.42 0.00	25.95 -3.28 0.00	22.46 -2.95 0.00
LOCKPORT___CC1 323769	31.39 -4.15 0.00	32.18 -4.16 0.00	37.60 -5.00 0.00	33.33 -4.46 0.00	27.61 -3.62 0.00	31.97 -4.06 0.00	31.40 -4.28 0.10	21.64 -4.16 4.63	26.97 -4.62 0.00	28.63 -4.91 0.00	38.15 -6.49 0.00	36.55 -5.87 0.00	27.78 -3.96 -0.26	28.13 -2.98 0.00	27.26 -3.18 0.00	28.31 -3.04 -0.01	25.65 -2.78 -1.56	33.32 -3.81 0.00	35.28 -4.56 0.00	31.37 -3.97 0.00	27.98 -3.52 0.00	26.65 -3.44 0.00	25.93 -3.30 0.00	22.44 -2.96 0.00
LOCKPORT___CC2 323770	31.39 -4.15 0.00	32.18 -4.16 0.00	37.60 -5.00 0.00	33.33 -4.46 0.00	27.61 -3.62 0.00	31.97 -4.06 0.00	31.40 -4.28 0.10	21.64 -4.16 4.63	26.97 -4.62 0.00	28.63 -4.91 0.00	38.15 -6.49 0.00	36.55 -5.87 0.00	27.78 -3.96 -0.26	28.13 -2.98 0.00	27.26 -3.18 0.00	28.31 -3.04 -0.01	25.65 -2.78 -1.56	33.32 -3.81 0.00	35.28 -4.56 0.00	31.37 -3.97 0.00	27.98 -3.52 0.00	26.65 -3.44 0.00	25.93 -3.30 0.00	22.44 -2.96 0.00
LOCKPORT___CC3 323771	31.39 -4.15 0.00	32.18 -4.16 0.00	37.60 -5.00 0.00	33.33 -4.46 0.00	27.61 -3.62 0.00	31.97 -4.06 0.00	31.40 -4.28 0.10	21.64 -4.16 4.63	26.97 -4.62 0.00	28.63 -4.91 0.00	38.15 -6.49 0.00	36.55 -5.87 0.00	27.78 -3.96 -0.26	28.13 -2.98 0.00	27.26 -3.18 0.00	28.31 -3.04 -0.01	25.65 -2.78 -1.56	33.32 -3.81 0.00	35.28 -4.56 0.00	31.37 -3.97 0.00	27.98 -3.52 0.00	26.65 -3.44 0.00	25.93 -3.30 0.00	22.44 -2.96 0.00
LONG_LAKE_PHOENIX 24014	34.15 -1.38 0.00	34.89 -1.45 0.00	40.90 -1.71 0.00	36.28 -1.52 0.00	30.02 -1.22 0.00	34.63 -1.40 0.00	34.36 -1.41 0.00	29.21 -1.22 0.00	30.33 -1.26 0.00	32.17 -1.36 0.00	42.80 -1.85 0.00	40.66 -1.76 0.00	30.42 -1.20 -0.14	30.21 -0.90 0.00	29.53 -0.91 0.00	30.42 -0.92 0.00	26.93 -0.75 -0.82	36.04 -1.08 0.00	38.49 -1.35 0.00	34.09 -1.25 0.00	30.36 -1.15 0.00	29.01 -1.09 0.00	28.18 -1.06 0.00	24.49 -0.92 0.00
LOVETT___3 23632	36.88 1.35 0.00	37.73 1.39 0.00	44.39 1.80 0.00	39.37 1.58 0.00	32.51 1.27 0.00	37.44 1.42 0.00	37.17 1.40 0.00	31.67 1.24 0.00	32.92 1.33 0.00	34.92 1.39 0.00	46.72 2.07 0.00	44.44 2.02 0.00	34.57 1.52 -1.57	32.61 1.50 0.00	31.92 1.47 0.00	32.88 1.49 -0.05	37.68 1.34 -9.47	39.15 2.02 0.00	41.64 1.80 0.00	36.74 1.40 0.00	32.73 1.23 0.00	31.30 1.21 0.00	30.40 1.16 0.00	26.35 0.94 0.00
LOVETT___4 23642	36.88 1.35 0.00	37.73 1.39 0.00	44.39 1.80 0.00	39.37 1.58 0.00	32.51 1.27 0.00	37.44 1.42 0.00	37.17 1.40 0.00	31.67 1.24 0.00	32.92 1.33 0.00	34.92 1.39 0.00	46.72 2.07 0.00	44.44 2.02 0.00	34.57 1.52 -1.57	32.61 1.50 0.00	31.92 1.47 0.00	32.88 1.49 -0.05	37.68 1.34 -9.47	39.15 2.02 0.00	41.64 1.80 0.00	36.74 1.40 0.00	32.73 1.23 0.00	31.30 1.21 0.00	30.40 1.16 0.00	26.35 0.94 0.00
LOVETT___5 23593	36.88 1.35 0.00	37.73 1.39 0.00	44.39 1.80 0.00	39.37 1.58 0.00	32.51 1.27 0.00	37.44 1.42 0.00	37.17 1.40 0.00	31.67 1.24 0.00	32.92 1.33 0.00	34.92 1.39 0.00	46.72 2.07 0.00	44.44 2.02 0.00	34.57 1.52 -1.57	32.61 1.50 0.00	31.92 1.47 0.00	32.88 1.49 -0.05	37.68 1.34 -9.47	39.15 2.02 0.00	41.64 1.80 0.00	36.74 1.40 0.00	32.73 1.23 0.00	31.30 1.21 0.00	30.40 1.16 0.00	26.35 0.94 0.00
LOWER RAQUET___HYD 24057	35.61 0.07 0.00	36.43 0.09 0.00	42.69 0.09 0.00	37.85 0.06 0.00	31.22 -0.01 0.00	35.87 -0.15 0.00	35.55 -0.23 0.00	30.44 0.01 0.00	31.42 -0.17 0.00	33.42 -0.12 0.00	44.35 -0.30 0.00	42.04 -0.38 0.00	30.90 -0.62 -0.03	28.85 -2.26 0.00	28.15 -2.29 0.00	28.80 -2.54 0.00	25.59 -1.51 -0.23	36.12 -1.01 0.00	39.14 -0.70 0.00	34.92 -0.41 0.00	31.05 -0.45 0.00	29.70 -0.39 0.00	29.24 0.00 0.00	25.53 0.13 0.00
LOWER___HUDSON 24059	37.18 1.65 0.00	37.96 1.62 0.00	44.52 1.92 0.00	39.53 1.74 0.00	32.67 1.43 0.00	37.68 1.66 0.00	37.43 1.65 0.00	31.86 1.44 0.00	33.10 1.51 0.00	35.10 1.57 0.00	46.66 2.02 0.00	44.29 1.87 0.00	35.04 1.42 -2.13	32.54 1.43 0.00	31.85 1.41 -0.01	32.86 1.45 -0.07	41.01 1.30 -12.84	39.03 1.90 0.00	41.67 1.84 0.00	36.86 1.53 0.00	32.89 1.39 0.00	31.35 1.26 0.00	30.38 1.15 0.00	26.36 0.95 0.00
LOWVILLE_115KV_TB2 356335	35.51 -0.02 0.00	36.11 -0.23 0.00	42.69 0.09 0.00	37.96 0.17 0.00	31.36 0.13 0.00	36.08 0.06 0.00	35.77 0.00 0.00	30.58 0.14 0.00	31.84 0.25 0.00	33.76 0.23 0.00	44.40 -0.25 0.00	41.76 -0.66 0.00	31.10 -0.45 -0.06	30.55 -0.55 0.00	30.14 -0.30 0.00	30.82 -0.53 0.00	26.97 -0.28 -0.38	36.83 -0.30 0.00	39.33 -0.50 0.00	34.83 -0.51 0.00	31.09 -0.41 0.00	29.78 -0.32 0.00	29.01 -0.22 0.00	25.26 -0.14 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	37.39 1.86 0.00	38.17 1.83 0.00	44.74 2.14 0.00	39.74 1.95 0.00	32.84 1.60 0.00	37.89 1.87 0.00	37.68 1.90 0.00	32.09 1.66 0.00	33.35 1.76 0.00	35.40 1.87 0.00	47.09 2.44 0.00	44.73 2.31 0.00	35.37 1.72 -2.17	32.84 1.73 0.00	32.14 1.69 -0.01	33.18 1.77 -0.07	41.54 1.61 -13.06	39.44 2.31 0.00	42.13 2.29 0.00	37.24 1.91 0.00	33.19 1.69 0.00	31.62 1.53 0.00	30.64 1.41 0.00	26.58 1.17 0.00

LUTHERNY_35_KV_BK2 355980	37.43 1.90 0.00	38.20 1.86 0.00	44.75 2.15 0.00	39.76 1.97 0.00	32.84 1.60 0.00	37.90 1.88 0.00	37.68 1.91 0.00	32.11 1.68 0.00	33.36 1.77 0.00	35.42 1.89 0.00	47.17 2.53 0.00	44.75 2.33 0.00	35.39 1.73 -2.17	32.85 1.75 0.00	32.16 1.71 -0.01	33.20 1.80 -0.07	41.55 1.62 -13.06	39.45 2.32 0.00	42.18 2.34 0.00	37.26 1.93 0.00	33.21 1.71 0.00	31.63 1.54 0.00	30.69 1.46 0.00	26.59 1.19 0.00
LWR___OSWEGATCHIE_HYD 23850	35.27 -0.26 0.00	35.97 -0.37 0.00	42.34 -0.26 0.00	37.57 -0.22 0.00	31.02 -0.22 0.00	35.64 -0.38 0.00	35.30 -0.48 0.00	30.21 -0.22 0.00	31.31 -0.28 0.00	33.27 -0.27 0.00	43.93 -0.72 0.00	41.50 -0.93 0.00	30.67 -0.87 -0.05	29.34 -1.77 0.00	28.81 -1.63 0.00	29.45 -1.89 0.00	26.00 -1.19 -0.32	36.07 -1.06 0.00	38.82 -1.02 0.00	34.52 -0.82 0.00	30.73 -0.76 0.00	29.40 -0.69 0.00	28.82 -0.41 0.00	25.15 -0.26 0.00
LYONS_FALL_HYD 23570	35.82 0.29 0.00	36.49 0.15 0.00	43.00 0.40 0.00	38.20 0.41 0.00	31.57 0.34 0.00	36.38 0.35 0.00	36.09 0.32 0.00	30.80 0.37 0.00	32.07 0.48 0.00	34.02 0.49 0.00	44.94 0.30 0.00	42.42 0.00 0.00	31.55 0.00 -0.06	31.06 -0.05 0.00	30.56 0.12 0.00	31.35 0.00 0.00	27.36 0.14 -0.35	37.39 0.26 0.00	39.95 0.11 0.00	35.37 0.03 0.00	31.55 0.05 0.00	30.17 0.08 0.00	29.34 0.10 0.00	25.50 0.10 0.00
MADISON___COUNTY_LFGE 323628	36.14 0.61 0.00	36.94 0.60 0.00	43.32 0.72 0.00	38.42 0.63 0.00	31.81 0.58 0.00	36.71 0.69 0.00	36.47 0.69 0.00	31.06 0.62 0.00	32.30 0.71 0.00	34.26 0.73 0.00	45.55 0.90 0.00	43.17 0.75 0.00	32.07 0.48 -0.10	31.73 0.62 0.00	31.14 0.70 0.00	32.10 0.76 0.00	28.19 0.73 -0.60	38.09 0.96 0.00	40.69 0.86 0.00	35.98 0.64 0.00	32.09 0.59 0.00	30.62 0.53 0.00	29.69 0.45 0.00	25.75 0.35 0.00
MALONE___115KV_TB1 356076	36.58 1.05 0.00	37.40 1.06 0.00	43.72 1.12 0.00	38.73 0.93 0.00	31.95 0.72 0.00	36.86 0.84 0.00	36.71 0.93 0.00	31.30 0.87 0.00	32.45 0.86 0.00	34.50 0.96 0.00	45.87 1.22 0.00	43.53 1.11 0.00	32.02 0.51 -0.02	29.88 -1.22 0.00	29.11 -1.33 0.00	29.77 -1.57 0.00	26.41 -0.64 -0.18	37.44 0.31 0.00	40.40 0.57 0.00	36.11 0.77 0.00	32.00 0.50 0.00	30.61 0.52 0.00	29.82 0.58 0.00	25.92 0.52 0.00
MAPLEWOD_115KV_TB3 80458	37.15 1.62 0.00	37.91 1.57 0.00	44.46 1.86 0.00	39.48 1.69 0.00	32.62 1.39 0.00	37.63 1.61 0.00	37.38 1.61 0.00	31.83 1.40 0.00	33.07 1.48 0.00	35.07 1.53 0.00	46.57 1.92 0.00	44.11 1.69 0.00	34.91 1.30 -2.12	32.44 1.33 0.00	31.76 1.32 -0.01	32.75 1.34 -0.07	40.83 1.19 -12.77	38.86 1.73 0.00	41.48 1.64 0.00	36.70 1.36 0.00	32.77 1.27 0.00	31.24 1.15 0.00	30.27 1.04 0.00	26.28 0.87 0.00
MAPLE_RIDGE_WT_1 323574	35.15 -0.38 0.00	36.06 -0.29 0.00	42.26 -0.34 0.00	37.49 -0.30 0.00	30.87 -0.36 0.00	35.71 -0.31 0.00	35.55 -0.22 0.00	30.25 -0.18 0.00	31.32 -0.27 0.00	33.20 -0.33 0.00	44.07 -0.58 0.00	41.95 -0.47 0.00	31.13 -0.36 0.00	30.16 -0.94 0.00	29.52 -0.92 0.00	30.30 -1.04 0.00	26.25 -0.62 0.00	36.66 -0.46 0.00	39.33 -0.51 0.00	34.90 -0.44 0.00	31.15 -0.35 0.00	29.82 -0.28 0.00	29.03 -0.21 0.00	25.26 -0.15 0.00
MAPLE_RIDGE_WT_2 323611	35.15 -0.38 0.00	36.06 -0.29 0.00	42.26 -0.34 0.00	37.49 -0.30 0.00	30.87 -0.36 0.00	35.71 -0.31 0.00	35.55 -0.22 0.00	30.25 -0.18 0.00	31.32 -0.27 0.00	33.20 -0.33 0.00	44.07 -0.58 0.00	41.95 -0.47 0.00	31.13 -0.36 0.00	30.16 -0.94 0.00	29.52 -0.92 0.00	30.30 -1.04 0.00	26.25 -0.62 0.00	36.66 -0.46 0.00	39.33 -0.51 0.00	34.90 -0.44 0.00	31.15 -0.35 0.00	29.82 -0.28 0.00	29.03 -0.21 0.00	25.26 -0.15 0.00
MARBLE_RIVER_WT_PWR 323696	36.16 0.63 0.00	37.02 0.67 0.00	43.24 0.64 0.00	38.31 0.51 0.00	31.62 0.38 0.00	36.51 0.48 0.00	36.39 0.61 0.00	30.97 0.54 0.00	32.09 0.50 0.00	34.10 0.57 0.00	45.40 0.76 0.00	43.10 0.68 0.00	31.71 0.22 0.00	29.61 -1.50 0.00	28.84 -1.60 0.00	29.50 -1.84 0.00	25.98 -0.89 0.00	37.04 -0.09 0.00	39.99 0.15 0.00	35.73 0.40 0.00	31.70 0.20 0.00	30.34 0.24 0.00	29.52 0.28 0.00	25.71 0.30 0.00
MARSHVLE_115KV_TB1 80742	37.17 1.64 0.00	37.95 1.60 0.00	44.44 1.84 0.00	39.44 1.64 0.00	32.60 1.36 0.00	37.65 1.63 0.00	37.32 1.54 0.00	31.79 1.36 0.00	33.04 1.46 0.00	35.18 1.65 0.00	46.76 2.11 0.00	44.49 2.07 0.00	35.39 1.47 -2.43	32.54 1.44 0.00	31.84 1.39 -0.01	33.09 1.67 -0.08	43.01 1.50 -14.64	39.16 2.03 0.00	41.98 2.15 0.00	37.24 1.91 0.00	33.23 1.73 0.00	31.70 1.60 0.00	30.76 1.53 0.00	26.72 1.31 0.00
MARSH_HILL_WT_PWR 323713	32.45 -3.08 0.00	33.11 -3.23 0.00	38.56 -4.04 0.00	34.17 -3.62 0.00	28.45 -2.79 0.00	32.83 -3.20 0.00	32.65 -3.57 -0.44	47.98 -3.27 -20.82	28.29 -3.30 0.00	30.06 -3.48 0.00	40.15 -4.50 0.00	38.55 -3.88 0.00	29.25 -2.60 -0.35	29.05 -2.06 0.00	28.45 -1.99 0.00	29.61 -1.74 -0.01	27.46 -1.54 -2.14	35.05 -2.08 0.00	36.98 -2.85 0.00	32.51 -2.82 0.00	28.79 -2.71 0.00	27.25 -2.84 0.00	26.55 -2.68 0.00	22.90 -2.51 0.00
MCINTYRE_115KV_TB2 80467	36.56 1.03 0.00	37.43 1.09 0.00	43.84 1.24 0.00	38.86 1.07 0.00	32.07 0.83 0.00	36.94 0.92 0.00	36.71 0.94 0.00	31.41 0.99 0.00	32.43 0.84 0.00	34.48 0.95 0.00	45.79 1.14 0.00	43.41 0.99 0.00	31.86 0.35 -0.03	29.68 -1.43 0.00	28.87 -1.57 0.00	29.61 -1.73 0.00	26.37 -0.71 -0.21	37.36 0.23 0.00	40.54 0.70 0.00	36.18 0.85 0.00	32.16 0.66 0.00	30.70 0.61 0.00	30.13 0.89 0.00	26.26 0.85 0.00
MECO_____69_KV_BK1 80468	37.83 2.29 0.00	38.58 2.24 0.00	45.19 2.60 0.00	40.11 2.31 0.00	33.15 1.91 0.00	38.30 2.28 0.00	38.03 2.25 0.00	32.43 2.00 0.00	33.72 2.13 0.00	35.90 2.37 0.00	47.73 3.09 0.00	45.43 3.01 0.00	35.87 2.04 -2.34	33.09 1.99 0.00	32.33 1.88 -0.01	33.70 2.29 -0.07	43.07 2.11 -14.09	40.10 2.97 0.00	42.89 3.06 0.00	37.96 2.62 0.00	33.82 2.32 0.00	32.20 2.11 0.00	31.21 1.97 0.00	27.05 1.64 0.00
MENANDS___115KV_TB5 355628	37.03 1.50 0.00	37.80 1.46 0.00	44.34 1.75 0.00	39.37 1.58 0.00	32.54 1.31 0.00	37.53 1.51 0.00	37.28 1.51 0.00	31.74 1.31 0.00	32.97 1.38 0.00	34.96 1.42 0.00	46.40 1.75 0.00	43.90 1.48 0.00	34.75 1.15 -2.11	32.29 1.18 0.00	31.63 1.18 -0.01	32.59 1.18 -0.07	40.66 1.04 -12.75	38.66 1.53 0.00	41.26 1.42 0.00	36.50 1.17 0.00	32.61 1.11 0.00	31.10 1.00 0.00	30.14 0.91 0.00	26.17 0.76 0.00
MG INDUSTRY___DRP 24185	36.85 1.32 0.00	37.63 1.29 0.00	44.16 1.56 0.00	39.19 1.39 0.00	32.40 1.17 0.00	37.38 1.36 0.00	37.11 1.33 0.00	31.59 1.15 0.00	32.79 1.20 0.00	34.77 1.24 0.00	46.16 1.51 0.00	43.71 1.28 0.00	34.54 0.98 -2.07	32.11 1.00 0.00	31.47 1.02 -0.01	32.45 1.05 -0.06	40.30 0.95 -12.48	38.50 1.38 0.00	41.11 1.27 0.00	36.38 1.04 0.00	32.50 1.00 0.00	31.00 0.91 0.00	30.05 0.82 0.00	26.12 0.71 0.00

MID___OSWEGATCHIE_HYD 23849	35.27 -0.26 0.00	35.97 -0.37 0.00	42.34 -0.26 0.00	37.57 -0.22 0.00	31.02 -0.22 0.00	35.64 -0.38 0.00	35.30 -0.48 0.00	30.21 -0.22 0.00	31.31 -0.28 0.00	33.27 -0.27 0.00	43.93 -0.72 0.00	41.50 -0.93 0.00	30.67 -0.87 -0.05	29.34 -1.77 0.00	28.81 -1.63 0.00	29.45 -1.89 0.00	26.00 -1.19 -0.32	36.07 -1.06 0.00	38.82 -1.02 0.00	34.52 -0.82 0.00	30.73 -0.76 0.00	29.40 -0.69 0.00	28.82 -0.41 0.00	25.15 -0.26 0.00
MID___RAQUETTE_HYD 23851	35.61 0.07 0.00	36.43 0.09 0.00	42.69 0.09 0.00	37.85 0.05 0.00	31.22 -0.01 0.00	35.87 -0.15 0.00	35.55 -0.23 0.00	30.44 0.01 0.00	31.41 -0.17 0.00	33.42 -0.12 0.00	44.35 -0.30 0.00	42.04 -0.38 0.00	30.90 -0.62 -0.03	28.85 -2.26 0.00	28.15 -2.29 0.00	28.80 -2.54 0.00	25.59 -1.51 -0.23	36.12 -1.01 0.00	39.14 -0.70 0.00	34.92 -0.41 0.00	31.05 -0.45 0.00	29.70 -0.39 0.00	29.24 0.00 0.00	25.53 0.13 0.00
MILLIKEN___1 23584	35.24 -0.30 0.00	35.98 -0.36 0.00	42.16 -0.45 0.00	37.40 -0.40 0.00	30.94 -0.29 0.00	35.68 -0.35 0.00	35.40 -0.37 0.00	30.09 -0.34 0.00	31.33 -0.26 0.00	33.17 -0.37 0.00	44.00 -0.65 0.00	41.78 -0.64 0.00	31.51 -0.31 -0.34	31.13 0.02 0.00	30.47 0.03 0.00	31.45 0.10 -0.01	29.09 0.19 -2.03	37.45 0.32 0.00	39.96 0.12 0.00	35.26 -0.08 0.00	31.48 -0.02 0.00	30.01 -0.08 0.00	29.14 -0.09 0.00	25.30 -0.11 0.00
MILLIKEN___2 23585	35.24 -0.30 0.00	35.98 -0.36 0.00	42.16 -0.45 0.00	37.40 -0.40 0.00	30.94 -0.29 0.00	35.68 -0.35 0.00	35.40 -0.37 0.00	30.09 -0.34 0.00	31.33 -0.26 0.00	33.17 -0.37 0.00	44.00 -0.65 0.00	41.78 -0.64 0.00	31.51 -0.31 -0.34	31.13 0.02 0.00	30.47 0.03 0.00	31.45 0.10 -0.01	29.09 0.19 -2.03	37.45 0.32 0.00	39.96 0.12 0.00	35.26 -0.08 0.00	31.48 -0.02 0.00	30.01 -0.08 0.00	29.14 -0.09 0.00	25.30 -0.11 0.00
MILLIKEN___DIESEL 23629	35.24 -0.30 0.00	35.98 -0.36 0.00	42.16 -0.45 0.00	37.40 -0.40 0.00	30.94 -0.29 0.00	35.68 -0.35 0.00	35.40 -0.37 0.00	30.09 -0.34 0.00	31.33 -0.26 0.00	33.17 -0.37 0.00	44.00 -0.65 0.00	41.78 -0.64 0.00	31.51 -0.31 -0.34	31.13 0.02 0.00	30.47 0.03 0.00	31.45 0.10 -0.01	29.09 0.19 -2.03	37.45 0.32 0.00	39.96 0.12 0.00	35.26 -0.08 0.00	31.48 -0.02 0.00	30.01 -0.08 0.00	29.14 -0.09 0.00	25.30 -0.11 0.00
MILLSEAT___LFGE 323607	32.29 -3.24 0.00	33.08 -3.26 0.00	38.66 -3.94 0.00	34.26 -3.54 0.00	28.38 -2.86 0.00	32.85 -3.17 0.00	32.37 -3.33 0.08	23.61 -3.28 3.54	27.93 -3.66 0.00	29.58 -3.96 0.00	39.45 -5.20 0.00	37.69 -4.73 0.00	28.45 -3.28 -0.25	28.81 -2.29 0.00	27.97 -2.47 0.00	29.09 -2.26 -0.01	26.34 -2.02 -1.49	34.40 -2.73 0.00	36.45 -3.38 0.00	32.37 -2.97 0.00	28.84 -2.66 0.00	27.45 -2.64 0.00	26.68 -2.56 0.00	23.07 -2.34 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	37.34 1.82 0.00	38.08 1.74 0.00	44.72 2.11 0.00	39.65 1.86 0.00	32.76 1.52 0.00	37.74 1.72 0.00	37.47 1.70 0.00	31.94 1.52 0.00	33.22 1.63 0.00	35.24 1.71 0.00	47.16 2.51 0.00	44.88 2.46 0.00	35.02 1.83 -1.70	32.90 1.79 0.00	32.22 1.77 -0.01	33.18 1.79 -0.05	38.70 1.58 -10.24	39.43 2.30 0.00	41.98 2.15 0.00	37.07 1.73 0.00	33.05 1.55 0.00	31.52 1.43 0.00	30.51 1.27 0.00	26.44 1.04 0.00
MILLWOOD_13_KV_LOAD 356217	37.40 1.87 0.00	38.13 1.79 0.00	44.77 2.17 0.00	39.70 1.91 0.00	32.80 1.56 0.00	37.79 1.77 0.00	37.52 1.74 0.00	31.99 1.57 0.00	33.26 1.67 0.00	35.30 1.76 0.00	47.23 2.58 0.00	44.94 2.52 0.00	35.07 1.88 -1.70	32.95 1.84 0.00	32.27 1.82 -0.01	33.24 1.85 -0.05	38.75 1.63 -10.24	39.50 2.37 0.00	42.05 2.22 0.00	37.13 1.79 0.00	33.11 1.61 0.00	31.57 1.48 0.00	30.55 1.32 0.00	26.48 1.07 0.00
MODEL_CITY_ENERGY 24167	31.02 -4.51 0.00	31.82 -4.52 0.00	37.20 -5.41 0.00	32.96 -4.83 0.00	27.31 -3.92 0.00	31.62 -4.41 0.00	31.07 -4.61 0.10	21.52 -4.41 4.50	26.66 -4.93 0.00	28.30 -5.24 0.00	37.71 -6.93 0.00	36.13 -6.29 0.00	27.49 -4.26 -0.26	27.82 -3.29 0.00	26.96 -3.48 0.00	27.99 -3.36 -0.01	25.38 -3.07 -1.58	32.90 -4.23 0.00	34.84 -5.00 0.00	30.99 -4.35 0.00	27.65 -3.85 0.00	26.35 -3.74 0.00	25.63 -3.60 0.00	22.19 -3.21 0.00
MODERN_LFGE___ 323580	31.02 -4.51 0.00	31.82 -4.52 0.00	37.20 -5.41 0.00	32.96 -4.83 0.00	27.31 -3.92 0.00	31.62 -4.41 0.00	31.07 -4.61 0.10	21.52 -4.41 4.50	26.66 -4.93 0.00	28.30 -5.24 0.00	37.71 -6.93 0.00	36.13 -6.29 0.00	27.49 -4.26 -0.26	27.82 -3.29 0.00	26.96 -3.48 0.00	27.99 -3.36 -0.01	25.38 -3.07 -1.58	32.90 -4.23 0.00	34.84 -5.00 0.00	30.99 -4.35 0.00	27.65 -3.85 0.00	26.35 -3.74 0.00	25.63 -3.60 0.00	22.19 -3.21 0.00
MOHAWK_PAPER___DRP 24187	37.15 1.62 0.00	37.91 1.57 0.00	44.46 1.86 0.00	39.48 1.69 0.00	32.62 1.39 0.00	37.63 1.61 0.00	37.38 1.61 0.00	31.83 1.40 0.00	33.07 1.48 0.00	35.07 1.53 0.00	46.57 1.92 0.00	44.11 1.69 0.00	34.91 1.30 -2.12	32.44 1.33 0.00	31.76 1.32 -0.01	32.75 1.34 -0.07	40.83 1.19 -12.77	38.86 1.73 0.00	41.48 1.64 0.00	36.70 1.36 0.00	32.77 1.27 0.00	31.24 1.15 0.00	30.27 1.04 0.00	26.28 0.87 0.00
MOHICAN___35_KV_115KV_LD 80490	37.47 1.94 0.00	38.28 1.94 0.00	44.82 2.22 0.00	39.82 2.03 0.00	32.93 1.69 0.00	37.97 1.94 0.00	37.83 2.05 0.00	32.27 1.84 0.00	33.52 1.93 0.00	35.59 2.05 0.00	47.27 2.63 0.00	44.94 2.52 0.00	35.50 1.85 -2.17	32.99 1.89 0.00	32.27 1.83 -0.01	33.33 1.92 -0.07	41.71 1.77 -13.07	39.71 2.58 0.00	42.42 2.59 0.00	37.48 2.15 0.00	33.37 1.87 0.00	31.73 1.64 0.00	30.72 1.49 0.00	26.66 1.26 0.00
MONGAUP___HYD 23641	37.44 1.91 0.00	38.18 1.84 0.00	44.79 2.19 0.00	39.72 1.93 0.00	32.82 1.58 0.00	37.83 1.81 0.00	37.57 1.79 0.00	32.03 1.60 0.00	33.32 1.73 0.00	35.41 1.88 0.00	47.27 2.62 0.00	44.91 2.49 0.00	34.80 1.81 -1.51	32.93 1.82 0.00	32.21 1.76 0.00	33.28 1.90 -0.05	37.69 1.74 -9.09	39.70 2.57 0.00	42.29 2.46 0.00	37.33 1.99 0.00	33.25 1.75 0.00	31.73 1.64 0.00	30.73 1.50 0.00	26.62 1.22 0.00
MONTAUK___DIESEL 23721	39.63 4.10 0.00	40.07 3.73 0.00	47.07 4.48 0.00	41.86 4.07 0.00	34.81 3.57 0.00	40.19 4.16 0.00	39.86 4.09 0.00	34.22 3.80 0.00	35.24 3.65 0.00	36.82 3.29 0.00	49.82 5.17 0.00	47.05 4.63 0.00	35.92 2.73 -1.71	33.67 2.56 0.00	33.29 2.85 -0.01	33.99 2.59 -0.05	39.34 2.17 -10.31	40.25 3.11 0.00	43.23 3.39 0.00	38.26 2.92 0.00	34.17 2.66 0.00	32.68 2.54 -0.05	30.98 1.75 0.00	26.63 1.23 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.33 -4.20 0.00	32.07 -4.27 0.00	37.68 -4.92 0.00	33.56 -4.23 0.00	27.64 -3.60 0.00	32.20 -3.82 0.00	31.53 -4.15 0.10	21.55 -4.32 4.56	27.04 -4.55 0.00	28.95 -4.59 0.00	38.72 -5.92 0.00	37.46 -4.96 0.00	28.67 -3.12 -0.30	28.96 -2.14 0.00	28.24 -2.20 0.00	29.52 -1.83 -0.01	26.84 -1.83 -1.80	34.87 -2.26 0.00	36.45 -3.39 0.00	32.36 -2.98 0.00	28.91 -2.58 0.00	27.62 -2.47 0.00	26.89 -2.35 0.00	23.35 -2.06 0.00

MORRIS_RIDGE___SOLAR 323848	32.48 -3.05 0.00	33.24 -3.10 0.00	38.82 -3.78 0.00	34.36 -3.43 0.00	28.50 -2.73 0.00	32.88 -3.14 0.00	31.62 -3.54 0.61	-1.75 -3.31 28.87	28.20 -3.39 0.00	29.80 -3.73 0.00	39.67 -4.98 0.00	38.03 -4.40 0.00	28.83 -3.00 -0.34	28.77 -2.34 0.00	28.10 -2.34 0.00	29.23 -2.12 -0.01	27.08 -1.85 -2.06	34.66 -2.47 0.00	36.72 -3.11 0.00	32.38 -2.96 0.00	28.84 -2.66 0.00	27.37 -2.73 0.00	26.69 -2.54 0.00	23.12 -2.28 0.00
MORTIMER_115KV_TB3 55949	33.10 -2.43 0.00	33.89 -2.45 0.00	39.62 -2.98 0.00	35.13 -2.66 0.00	29.09 -2.15 0.00	33.63 -2.40 0.00	33.27 -2.50 0.00	27.96 -2.48 0.00	28.94 -2.65 0.00	30.69 -2.84 0.00	40.88 -3.77 0.00	39.01 -3.42 0.00	29.37 -2.33 -0.21	29.41 -1.69 0.00	28.65 -1.80 0.00	29.65 -1.70 -0.01	26.65 -1.49 -1.27	35.07 -2.06 0.00	37.31 -2.53 0.00	33.11 -2.22 0.00	29.50 -2.00 0.00	28.13 -1.97 0.00	27.33 -1.90 0.00	23.68 -1.73 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	37.46 1.93 0.00	38.18 1.84 0.00	44.83 2.23 0.00	39.75 1.96 0.00	32.85 1.61 0.00	37.84 1.82 0.00	37.56 1.79 0.00	32.03 1.61 0.00	33.31 1.72 0.00	35.35 1.81 0.00	47.33 2.68 0.00	45.05 2.63 0.00	35.16 1.97 -1.71	33.01 1.91 0.00	32.33 1.88 -0.01	33.31 1.91 -0.05	38.85 1.68 -10.31	39.55 2.42 0.00	42.10 2.27 0.00	37.18 1.84 0.00	33.15 1.65 0.00	31.62 1.52 0.00	30.60 1.36 0.00	26.52 1.11 0.00
MUNSVILLE_WIND_PWR 323609	36.22 0.69 0.00	37.05 0.71 0.00	43.12 0.52 0.00	38.15 0.36 0.00	31.64 0.40 0.00	36.48 0.45 0.00	36.42 0.64 0.00	30.96 0.53 0.00	32.30 0.71 0.00	34.36 0.82 0.00	45.96 1.32 0.00	43.73 1.31 0.00	33.21 1.20 -0.52	32.97 1.86 0.00	32.13 1.69 0.00	33.33 1.97 -0.02	32.06 2.02 -3.16	40.03 2.90 0.00	42.75 2.91 0.00	37.62 2.28 0.00	33.55 2.05 0.00	31.76 1.67 0.00	30.80 1.57 0.00	26.60 1.20 0.00
N SALMON___HYD 24042	36.58 1.05 0.00	37.40 1.07 0.00	43.71 1.12 0.00	38.72 0.94 0.00	31.95 0.72 0.00	36.86 0.84 0.00	36.71 0.93 0.00	31.30 0.87 0.00	32.45 0.86 0.00	34.50 0.96 0.00	45.87 1.22 0.00	43.53 1.11 0.00	32.02 0.51 -0.02	29.88 -1.23 0.00	29.11 -1.33 0.00	29.77 -1.57 0.00	26.40 -0.64 -0.18	37.44 0.31 0.00	40.40 0.57 0.00	36.10 0.77 0.00	32.00 0.50 0.00	30.61 0.52 0.00	29.82 0.58 0.00	25.92 0.52 0.00
N.AKRON__115KV_KNAPP 355671	32.04 -3.49 0.00	32.83 -3.50 0.00	38.38 -4.22 0.00	34.01 -3.79 0.00	28.18 -3.06 0.00	32.62 -3.40 0.00	32.12 -3.58 0.08	23.04 -3.56 3.83	27.66 -3.94 0.00	29.32 -4.21 0.00	39.10 -5.55 0.00	37.39 -5.03 0.00	28.29 -3.45 -0.25	28.65 -2.45 0.00	27.79 -2.65 0.00	28.89 -2.46 -0.01	26.15 -2.23 -1.51	34.06 -3.07 0.00	36.11 -3.73 0.00	32.08 -3.25 0.00	28.59 -2.91 0.00	27.23 -2.86 0.00	26.46 -2.77 0.00	22.89 -2.51 0.00
N.BELMOR_69_KV_BK1 55787	38.09 2.56 0.00	38.76 2.42 0.00	45.55 2.95 0.00	40.41 2.62 0.00	33.42 2.18 0.00	38.42 2.40 0.00	38.17 2.39 0.00	32.64 2.21 0.00	33.85 2.26 0.00	35.86 2.33 0.00	48.19 3.54 0.00	45.91 3.49 0.00	35.61 2.41 -1.71	33.51 2.40 0.00	32.86 2.41 -0.01	33.79 2.40 -0.05	39.26 2.08 -10.31	40.02 2.89 0.00	42.70 2.87 0.00	37.76 2.42 0.00	33.70 2.20 0.00	32.29 2.13 -0.07	31.13 1.89 0.00	26.95 1.55 0.00
N.E_GEN_SANDY PD 24062	77.12 1.82 -39.77	65.32 1.77 -27.21	59.73 2.12 -15.02	51.63 1.90 -11.94	46.70 1.56 -13.91	51.32 1.79 -13.51	48.61 1.74 -11.09	44.38 1.52 -12.43	44.35 1.61 -11.16	46.89 1.67 -11.69	49.76 2.25 -2.86	45.65 2.14 -1.09	40.40 1.61 -7.31	37.89 1.62 -5.17	35.08 1.58 -3.05	36.17 1.62 -3.22	44.34 1.43 -16.04	56.17 2.08 -16.97	57.50 1.97 -15.70	45.51 1.64 -8.54	37.11 1.49 -4.12	35.99 1.37 -4.52	35.61 1.24 -5.13	31.16 1.04 -4.71
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.97 1.44 0.00	37.81 1.47 0.00	44.45 1.85 0.00	39.44 1.64 0.00	32.56 1.33 0.00	37.52 1.49 0.00	37.23 1.45 0.00	31.72 1.30 0.00	32.98 1.39 0.00	34.99 1.46 0.00	46.80 2.15 0.00	44.52 2.10 0.00	34.63 1.57 -1.57	32.67 1.56 0.00	31.98 1.54 0.00	32.95 1.56 -0.05	37.73 1.39 -9.47	39.22 2.09 0.00	41.73 1.89 0.00	36.81 1.47 0.00	32.79 1.30 0.00	31.36 1.27 0.00	30.45 1.22 0.00	26.39 0.98 0.00
N.QUEENS_27_KV_LOAD 356247	37.45 1.92 0.00	38.14 1.80 0.00	44.84 2.24 0.00	39.74 1.95 0.00	32.83 1.60 0.00	37.83 1.81 0.00	37.56 1.79 0.00	32.03 1.60 0.00	33.34 1.75 0.00	35.33 1.79 0.00	47.35 2.70 0.00	45.06 2.64 0.00	35.22 2.03 -1.71	33.09 1.99 0.00	32.39 1.95 -0.01	33.38 1.99 -0.05	38.93 1.76 -10.30	39.63 2.50 0.00	42.16 2.32 0.00	37.25 1.92 0.00	33.25 1.75 0.00	31.69 1.60 0.00	30.67 1.44 0.00	26.56 1.16 0.00
N.TROY___115KV_TB1 355778	37.18 1.65 0.00	37.96 1.62 0.00	44.52 1.92 0.00	39.53 1.73 0.00	32.66 1.43 0.00	37.68 1.66 0.00	37.43 1.65 0.00	31.87 1.44 0.00	33.10 1.51 0.00	35.10 1.57 0.00	46.66 2.02 0.00	44.29 1.87 0.00	35.04 1.42 -2.13	32.54 1.43 0.00	31.85 1.41 -0.01	32.85 1.45 -0.07	41.01 1.30 -12.84	39.03 1.90 0.00	41.67 1.84 0.00	36.86 1.53 0.00	32.89 1.39 0.00	31.35 1.26 0.00	30.38 1.15 0.00	26.36 0.95 0.00
NARROWS_GT1_1 24228	58.53 2.15 -20.85	54.16 2.08 -15.74	54.17 2.52 -9.05	54.13 2.22 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.85 2.02 -16.07	53.81 1.79 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.98 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.16 -13.98	47.31 2.11 -14.76	47.46 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.54 -31.30	94.92 2.09 -57.49	87.90 1.87 -54.53	93.12 1.77 -61.25	50.09 1.59 -19.26	46.29 1.34 -19.55
NARROWS_GT1_2 24229	58.53 2.15 -20.85	54.16 2.08 -15.74	54.17 2.52 -9.05	54.13 2.22 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.85 2.02 -16.07	53.81 1.79 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.98 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.16 -13.98	47.31 2.11 -14.76	47.46 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.54 -31.30	94.92 2.09 -57.49	87.90 1.87 -54.53	93.12 1.77 -61.25	50.09 1.59 -19.26	46.29 1.34 -19.55
NARROWS_GT1_3 24230	58.53 2.15 -20.85	54.16 2.08 -15.74	54.17 2.52 -9.05	54.13 2.22 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.85 2.02 -16.07	53.81 1.79 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.98 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.16 -13.98	47.31 2.11 -14.76	47.46 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.54 -31.30	94.92 2.09 -57.49	87.90 1.87 -54.53	93.12 1.77 -61.25	50.09 1.59 -19.26	46.29 1.34 -19.55
NARROWS_GT1_4 24231	58.53 2.15 -20.85	54.16 2.08 -15.74	54.17 2.52 -9.05	54.13 2.22 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.85 2.02 -16.07	53.81 1.79 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.98 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.16 -13.98	47.31 2.11 -14.76	47.46 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.54 -31.30	94.92 2.09 -57.49	87.90 1.87 -54.53	93.12 1.77 -61.25	50.09 1.59 -19.26	46.29 1.34 -19.55

NARROWS_GT1_5 24232	58.53 2.15 -20.85	54.16 2.08 -15.74	54.17 2.52 -9.05	54.13 2.22 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.85 2.02 -16.07	53.81 1.79 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.98 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.16 -13.98	47.31 2.11 -14.76	47.46 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.54 -31.30	94.92 2.09 -57.49	87.90 1.87 -54.53	93.12 1.77 -61.25	50.09 1.59 -19.26	46.29 1.34 -19.55
NARROWS_GT1_6 24233	58.53 2.15 -20.85	54.16 2.08 -15.74	54.17 2.52 -9.05	54.13 2.22 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.85 2.02 -16.07	53.81 1.79 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.98 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.16 -13.98	47.31 2.11 -14.76	47.46 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.54 -31.30	94.92 2.09 -57.49	87.90 1.87 -54.53	93.12 1.77 -61.25	50.09 1.59 -19.26	46.29 1.34 -19.55
NARROWS_GT1_7 24234	58.53 2.15 -20.85	54.16 2.08 -15.74	54.17 2.52 -9.05	54.13 2.22 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.85 2.02 -16.07	53.81 1.79 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.98 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.16 -13.98	47.31 2.11 -14.76	47.46 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.54 -31.30	94.92 2.09 -57.49	87.90 1.87 -54.53	93.12 1.77 -61.25	50.09 1.59 -19.26	46.29 1.34 -19.55
NARROWS_GT1_8 24235	58.53 2.15 -20.85	54.16 2.08 -15.74	54.17 2.52 -9.05	54.13 2.22 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.85 2.02 -16.07	53.81 1.79 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.98 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.16 -13.98	47.31 2.11 -14.76	47.46 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.54 -31.30	94.92 2.09 -57.49	87.90 1.87 -54.53	93.12 1.77 -61.25	50.09 1.59 -19.26	46.29 1.34 -19.55
NARROWS_GT2_1 24236	58.53 2.15 -20.85	54.16 2.08 -15.74	54.17 2.52 -9.05	54.13 2.22 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.85 2.02 -16.07	53.81 1.79 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.98 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.16 -13.98	47.31 2.11 -14.76	47.46 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.54 -31.30	94.92 2.09 -57.49	87.90 1.87 -54.53	93.12 1.77 -61.25	50.09 1.59 -19.26	46.29 1.34 -19.55
NARROWS_GT2_2 24237	58.53 2.15 -20.85	54.16 2.08 -15.74	54.17 2.52 -9.05	54.13 2.22 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.85 2.02 -16.07	53.81 1.79 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.98 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.16 -13.98	47.31 2.11 -14.76	47.46 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.54 -31.30	94.92 2.09 -57.49	87.90 1.87 -54.53	93.12 1.77 -61.25	50.09 1.59 -19.26	46.29 1.34 -19.55
NARROWS_GT2_3 24238	58.53 2.15 -20.85	54.16 2.08 -15.74	54.17 2.52 -9.05	54.13 2.22 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.85 2.02 -16.07	53.81 1.79 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.98 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.16 -13.98	47.31 2.11 -14.76	47.46 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.54 -31.30	94.92 2.09 -57.49	87.90 1.87 -54.53	93.12 1.77 -61.25	50.09 1.59 -19.26	46.29 1.34 -19.55
NARROWS_GT2_4 24239	58.53 2.15 -20.85	54.16 2.08 -15.74	54.17 2.52 -9.05	54.13 2.22 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.85 2.02 -16.07	53.81 1.79 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.98 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.16 -13.98	47.31 2.11 -14.76	47.46 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.54 -31.30	94.92 2.09 -57.49	87.90 1.87 -54.53	93.12 1.77 -61.25	50.09 1.59 -19.26	46.29 1.34 -19.55
NARROWS_GT2_5 24240	58.53 2.15 -20.85	54.16 2.08 -15.74	54.17 2.52 -9.05	54.13 2.22 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.85 2.02 -16.07	53.81 1.79 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.98 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.16 -13.98	47.31 2.11 -14.76	47.46 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.54 -31.30	94.92 2.09 -57.49	87.90 1.87 -54.53	93.12 1.77 -61.25	50.09 1.59 -19.26	46.29 1.34 -19.55
NARROWS_GT2_6 24241	58.53 2.15 -20.85	54.16 2.08 -15.74	54.17 2.52 -9.05	54.13 2.22 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.85 2.02 -16.07	53.81 1.79 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.98 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.16 -13.98	47.31 2.11 -14.76	47.46 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.54 -31.30	94.92 2.09 -57.49	87.90 1.87 -54.53	93.12 1.77 -61.25	50.09 1.59 -19.26	46.29 1.34 -19.55
NARROWS_GT2_7 24242	58.53 2.15 -20.85	54.16 2.08 -15.74	54.17 2.52 -9.05	54.13 2.22 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.85 2.02 -16.07	53.81 1.79 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.98 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.16 -13.98	47.31 2.11 -14.76	47.46 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.54 -31.30	94.92 2.09 -57.49	87.90 1.87 -54.53	93.12 1.77 -61.25	50.09 1.59 -19.26	46.29 1.34 -19.55
NARROWS_GT2_8 24243	58.53 2.15 -20.85	54.16 2.08 -15.74	54.17 2.52 -9.05	54.13 2.22 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.85 2.02 -16.07	53.81 1.79 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.98 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.16 -13.98	47.31 2.11 -14.76	47.46 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.54 -31.30	94.92 2.09 -57.49	87.90 1.87 -54.53	93.12 1.77 -61.25	50.09 1.59 -19.26	46.29 1.34 -19.55
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	37.99 2.46 0.00	38.73 2.40 0.00	45.43 2.83 0.00	40.32 2.52 0.00	33.34 2.10 0.00	38.49 2.46 0.00	38.25 2.48 0.00	32.61 2.18 0.00	33.92 2.33 0.00	35.99 2.46 0.00	47.77 3.12 0.00	45.13 2.71 0.00	35.45 1.96 -1.99	32.99 1.89 0.00	32.35 1.90 -0.01	33.45 2.05 -0.06	40.75 1.86 -12.02	39.89 2.76 0.00	42.56 2.72 0.00	37.59 2.25 0.00	33.55 2.05 0.00	31.94 1.85 0.00	30.90 1.67 0.00	26.79 1.38 0.00
NCHELSEA_115KV_TR2 355582	37.75 2.22 0.00	38.48 2.14 0.00	45.17 2.57 0.00	40.04 2.25 0.00	33.09 1.85 0.00	38.13 2.11 0.00	37.86 2.09 0.00	32.29 1.86 0.00	33.58 1.99 0.00	35.67 2.14 0.00	47.70 3.05 0.00	45.37 2.95 0.00	35.36 2.19 -1.68	33.28 2.17 0.00	32.58 2.14 -0.01	33.58 2.18 -0.05	38.96 1.95 -10.14	39.96 2.83 0.00	42.54 2.70 0.00	37.54 2.21 0.00	33.46 1.96 0.00	31.92 1.82 0.00	30.89 1.66 0.00	26.76 1.35 0.00
NEG CAPITAL___MECHNVIL 23645	37.52 1.99 0.00	38.30 1.96 0.00	44.88 2.28 0.00	39.86 2.07 0.00	32.95 1.71 0.00	38.01 1.99 0.00	37.79 2.02 0.00	32.19 1.77 0.00	33.46 1.87 0.00	35.52 1.99 0.00	47.25 2.60 0.00	44.88 2.46 0.00	35.48 1.84 -2.16	32.96 1.85 0.00	32.25 1.80 -0.01	33.31 1.90 -0.07	41.57 1.70 -12.99	39.58 2.45 0.00	42.28 2.44 0.00	37.38 2.05 0.00	33.31 1.81 0.00	31.72 1.63 0.00	30.73 1.50 0.00	26.65 1.24 0.00

NEG CENTRAL_HIGH_ACRES 23767	32.92 -2.61 0.00	33.67 -2.67 0.00	39.40 -3.20 0.00	34.94 -2.85 0.00	28.93 -2.31 0.00	33.44 -2.58 0.00	33.11 -2.67 0.00	27.90 -2.53 0.00	28.91 -2.68 0.00	30.65 -2.88 0.00	40.79 -3.86 0.00	38.88 -3.54 0.00	29.28 -2.41 -0.20	29.22 -1.89 0.00	28.48 -1.97 0.00	29.48 -1.87 -0.01	26.49 -1.60 -1.23	34.91 -2.22 0.00	37.15 -2.69 0.00	32.94 -2.40 0.00	29.35 -2.15 0.00	27.98 -2.12 0.00	27.19 -2.04 0.00	23.56 -1.84 0.00
NEG CENTRAL___DRP 24199	34.32 -1.21 0.00	35.09 -1.25 0.00	41.01 -1.59 0.00	36.36 -1.43 0.00	30.20 -1.04 0.00	34.84 -1.19 0.00	34.56 -1.26 -0.05	31.33 -1.21 -2.11	30.45 -1.14 0.00	32.24 -1.29 0.00	42.80 -1.85 0.00	40.72 -1.71 0.00	30.59 -1.12 -0.22	30.37 -0.74 0.00	29.70 -0.75 0.00	30.69 -0.66 -0.01	27.70 -0.52 -1.34	36.45 -0.68 0.00	38.79 -1.05 0.00	34.27 -1.07 0.00	30.62 -0.88 0.00	29.17 -0.92 0.00	28.35 -0.89 0.00	24.60 -0.80 0.00
NEG CENTRAL___INDECK 23768	33.62 -1.91 0.00	34.76 -1.58 0.00	40.60 -2.00 0.00	35.92 -1.87 0.00	29.79 -1.45 0.00	34.45 -1.58 0.00	34.43 -1.80 -0.45	49.71 -1.80 -2.108	29.77 -1.82 0.00	31.44 -2.09 0.00	41.58 -3.07 0.00	39.64 -2.78 0.00	29.85 -1.94 -0.30	29.90 -1.21 0.00	29.16 -1.28 0.00	30.26 -1.09 -0.01	27.88 -0.78 -1.79	36.33 -0.79 0.00	38.57 -1.26 0.00	34.11 -1.23 0.00	30.28 -1.21 0.00	28.78 -1.32 0.00	27.92 -1.31 0.00	24.14 -1.26 0.00
NEG CENTRAL___SENECA 23627	34.13 -1.40 0.00	34.90 -1.44 0.00	40.73 -1.87 0.00	36.06 -1.73 0.00	30.03 -1.21 0.00	34.66 -1.36 0.00	34.36 -1.49 -0.07	32.40 -1.46 -3.43	30.20 -1.39 0.00	31.99 -1.54 0.00	42.42 -2.23 0.00	40.40 -2.02 0.00	30.40 -1.34 -0.25	30.21 -0.89 0.00	29.54 -0.90 0.00	30.58 -0.77 -0.01	27.75 -0.62 -1.50	36.34 -0.80 0.00	38.59 -1.25 0.00	34.07 -1.27 0.00	30.48 -1.01 0.00	28.96 -1.13 0.00	28.15 -1.09 0.00	24.42 -0.99 0.00
NEG CENTRAL___STATE_STREET 24147	34.77 -0.76 0.00	35.53 -0.81 0.00	41.61 -0.99 0.00	37.00 -0.79 0.00	30.58 -0.66 0.00	35.25 -0.77 0.00	34.98 -0.79 0.00	29.70 -0.73 0.00	30.97 -0.62 0.00	32.72 -0.81 0.00	43.46 -1.19 0.00	41.31 -1.12 0.00	31.01 -0.69 -0.22	30.72 -0.39 0.00	30.06 -0.38 0.00	31.03 -0.32 -0.01	27.96 -0.21 -1.30	36.85 -0.28 0.00	39.32 -0.52 0.00	34.74 -0.59 0.00	31.00 -0.50 0.00	29.65 -0.44 0.00	28.81 -0.42 0.00	25.02 -0.38 0.00
NEG MILLWOOD___DRP 24198	37.87 2.34 0.00	38.59 2.25 0.00	45.28 2.68 0.00	40.14 2.35 0.00	33.17 1.93 0.00	38.23 2.20 0.00	37.98 2.20 0.00	32.39 1.96 0.00	33.69 2.10 0.00	35.78 2.25 0.00	47.87 3.22 0.00	45.54 3.12 0.00	35.53 2.33 -1.71	33.39 2.29 0.00	32.69 2.25 -0.01	33.68 2.29 -0.05	39.21 2.03 -10.31	40.06 2.93 0.00	42.65 2.81 0.00	37.64 2.30 0.00	33.55 2.05 0.00	31.99 1.90 0.00	30.94 1.71 0.00	26.80 1.39 0.00
NEG NORTH_FLCN_SEA 23793	36.44 0.91 0.00	37.34 1.00 0.00	43.64 1.04 0.00	38.61 0.82 0.00	31.89 0.65 0.00	36.76 0.74 0.00	36.64 0.86 0.00	31.20 0.77 0.00	32.32 0.73 0.00	34.32 0.79 0.00	45.68 1.03 0.00	43.38 0.96 0.00	31.99 0.50 0.00	29.87 -1.23 0.00	29.11 -1.33 0.00	29.80 -1.54 0.00	26.22 -0.65 0.00	37.33 0.20 0.00	40.26 0.43 0.00	35.98 0.65 0.00	31.92 0.43 0.00	30.54 0.45 0.00	29.72 0.48 0.00	25.98 0.57 0.00
NEG NORTH_KES_CHATEGAY 23792	36.25 0.72 0.00	37.11 0.77 0.00	43.35 0.76 0.00	38.42 0.63 0.00	31.69 0.45 0.00	36.60 0.57 0.00	36.48 0.70 0.00	31.06 0.63 0.00	32.19 0.60 0.00	34.19 0.66 0.00	45.50 0.86 0.00	43.20 0.78 0.00	31.75 0.26 0.00	29.58 -1.53 0.00	28.82 -1.62 0.00	29.48 -1.86 0.00	25.96 -0.91 0.00	37.09 -0.04 0.00	40.02 0.18 0.00	35.80 0.46 0.00	31.73 0.23 0.00	30.38 0.29 0.00	29.54 0.31 0.00	25.71 0.31 0.00
NEG NORTH___ALICE_FALLS 23915	36.71 1.18 0.00	37.59 1.25 0.00	43.92 1.32 0.00	38.87 1.08 0.00	32.11 0.87 0.00	37.02 1.00 0.00	36.91 1.14 0.00	31.42 0.99 0.00	32.54 0.95 0.00	34.58 1.05 0.00	46.04 1.39 0.00	43.71 1.29 0.00	32.20 0.72 0.00	30.09 -1.02 0.00	29.31 -1.13 0.00	30.00 -1.34 0.00	26.40 -0.47 0.00	37.62 0.48 0.00	40.56 0.73 0.00	36.24 0.90 0.00	32.13 0.63 0.00	30.73 0.64 0.00	29.88 0.65 0.00	26.06 0.65 0.00
NEG NORTH___LWR_SARANAC 23913	36.71 1.18 0.00	37.59 1.25 0.00	43.92 1.32 0.00	38.87 1.08 0.00	32.11 0.87 0.00	37.02 1.00 0.00	36.91 1.14 0.00	31.42 0.99 0.00	32.54 0.95 0.00	34.58 1.05 0.00	46.04 1.39 0.00	43.71 1.29 0.00	32.20 0.72 0.00	30.09 -1.02 0.00	29.31 -1.13 0.00	30.00 -1.34 0.00	26.40 -0.47 0.00	37.62 0.48 0.00	40.56 0.73 0.00	36.24 0.90 0.00	32.13 0.63 0.00	30.73 0.64 0.00	29.88 0.65 0.00	26.06 0.65 0.00
NEG NORTH___PLATTSBURG 23628	36.71 1.18 0.00	37.58 1.24 0.00	43.92 1.32 0.00	38.87 1.08 0.00	32.11 0.87 0.00	37.02 1.00 0.00	36.91 1.14 0.00	31.42 0.99 0.00	32.54 0.95 0.00	34.58 1.05 0.00	46.04 1.39 0.00	43.71 1.29 0.00	32.21 0.72 0.00	30.09 -1.02 0.00	29.31 -1.13 0.00	30.00 -1.34 0.00	26.40 -0.47 0.00	37.62 0.48 0.00	40.56 0.73 0.00	36.24 0.90 0.00	32.13 0.63 0.00	30.73 0.64 0.00	29.88 0.65 0.00	26.06 0.65 0.00
NEG WEST_LEA_LOCKPORT 23791	31.39 -4.14 0.00	32.19 -4.15 0.00	37.60 -5.00 0.00	33.33 -4.46 0.00	27.61 -3.62 0.00	31.97 -4.05 0.00	31.40 -4.27 0.10	21.60 -4.20 4.63	26.97 -4.62 0.00	28.63 -4.91 0.00	38.15 -6.49 0.00	36.55 -5.87 0.00	27.77 -3.97 -0.26	28.13 -2.98 0.00	27.26 -3.18 0.00	28.31 -3.04 -0.01	25.65 -2.78 -1.56	33.29 -3.85 0.00	35.27 -4.57 0.00	31.37 -3.97 0.00	27.97 -3.52 0.00	26.65 -3.45 0.00	25.93 -3.30 0.00	22.45 -2.96 0.00
NEG WEST___LANCASTER 23811	32.72 -2.81 0.00	33.54 -2.81 0.00	39.19 -3.40 0.00	34.73 -3.06 0.00	28.78 -2.46 0.00	33.29 -2.73 0.00	32.68 -3.00 0.10	22.73 -3.05 4.65	28.23 -3.35 0.00	30.01 -3.52 0.00	39.98 -4.67 0.00	38.30 -4.12 0.00	29.05 -2.74 -0.30	29.29 -1.82 0.00	28.49 -1.95 0.00	29.47 -1.88 -0.01	26.87 -1.83 -1.83	34.73 -2.40 0.00	36.80 -3.03 0.00	32.60 -2.73 0.00	29.09 -2.41 0.00	27.70 -2.39 0.00	27.01 -2.22 0.00	23.41 -2.00 0.00
NEG_PENN_ALLEGHNY 23528	34.90 -0.63 0.00	35.64 -0.69 0.00	41.79 -0.81 0.00	37.04 -0.75 0.00	30.67 -0.57 0.00	35.35 -0.67 0.00	35.00 -0.78 0.00	29.71 -0.72 0.00	30.90 -0.69 0.00	32.79 -0.74 0.00	43.65 -1.00 0.00	41.55 -0.87 0.00	31.47 -0.57 -0.55	30.89 -0.22 0.00	30.17 -0.27 0.00	31.13 -0.22 -0.02	30.01 -0.17 -3.30	36.98 -0.15 0.00	39.42 -0.42 0.00	34.74 -0.60 0.00	31.04 -0.46 0.00	29.56 -0.53 0.00	28.73 -0.51 0.00	24.96 -0.45 0.00
NEG___GEN_MONROE 24207	33.18 -2.35 0.00	33.95 -2.39 0.00	39.69 -2.91 0.00	35.21 -2.58 0.00	29.15 -2.09 0.00	33.71 -2.31 0.00	33.35 -2.43 0.00	28.01 -2.43 -0.01	28.97 -2.62 0.00	30.69 -2.85 0.00	40.86 -3.78 0.00	39.02 -3.41 0.00	29.33 -2.37 -0.21	29.43 -1.67 0.00	28.66 -1.78 0.00	29.73 -1.62 -0.01	26.74 -1.41 -1.28	35.21 -1.92 0.00	37.44 -2.40 0.00	33.21 -2.13 0.00	29.60 -1.90 0.00	28.20 -1.89 0.00	27.39 -1.84 0.00	23.72 -1.69 0.00

NEPA___ENERGY 23901	31.75 -3.78 0.00	32.53 -3.81 0.00	38.02 -4.58 0.00	33.75 -4.04 0.00	27.93 -3.30 0.00	32.39 -3.63 0.00	31.71 -3.92 0.14	20.08 -3.93 6.42	27.36 -4.23 0.00	29.15 -4.39 0.00	38.85 -5.80 0.00	37.37 -5.05 0.00	28.45 -3.32 -0.29	28.74 -2.37 0.00	27.93 -2.51 0.00	29.07 -2.29 -0.01	26.45 -2.14 -1.73	34.33 -2.80 0.00	36.17 -3.66 0.00	32.10 -3.24 0.00	28.65 -2.85 0.00	27.30 -2.79 0.00	26.61 -2.63 0.00	23.05 -2.36 0.00
NEVERSink___HYD 23608	37.27 1.74 0.00	37.96 1.62 0.00	44.52 1.92 0.00	39.48 1.69 0.00	32.63 1.39 0.00	37.61 1.59 0.00	37.37 1.60 0.00	31.88 1.45 0.00	33.16 1.57 0.00	35.24 1.70 0.00	47.08 2.43 0.00	44.81 2.39 0.00	34.73 1.73 -1.51	32.83 1.72 0.00	32.11 1.67 0.00	33.10 1.72 -0.05	37.60 1.60 -9.12	39.49 2.36 0.00	42.06 2.23 0.00	37.12 1.79 0.00	33.07 1.57 0.00	31.53 1.44 0.00	30.53 1.30 0.00	26.42 1.02 0.00
NEWKRMKL_115KV_TB1 55635	36.95 1.42 0.00	37.71 1.36 0.00	44.23 1.63 0.00	39.27 1.48 0.00	32.47 1.23 0.00	37.44 1.42 0.00	37.18 1.41 0.00	31.66 1.23 0.00	32.90 1.31 0.00	34.89 1.36 0.00	46.30 1.66 0.00	43.75 1.33 0.00	34.65 1.04 -2.12	32.18 1.08 0.00	31.53 1.09 -0.01	32.49 1.08 -0.07	40.58 0.95 -12.75	38.54 1.40 0.00	41.12 1.28 0.00	36.38 1.04 0.00	32.49 1.00 0.00	31.00 0.91 0.00	30.04 0.81 0.00	26.11 0.70 0.00
NEWTON___FALLS_HYD 23847	35.27 -0.26 0.00	35.97 -0.37 0.00	42.34 -0.26 0.00	37.57 -0.22 0.00	31.02 -0.22 0.00	35.64 -0.38 0.00	35.30 -0.48 0.00	30.21 -0.22 0.00	31.31 -0.28 0.00	33.27 -0.27 0.00	43.93 -0.72 0.00	41.50 -0.93 0.00	30.67 -0.87 -0.05	29.34 -1.77 0.00	28.81 -1.63 0.00	29.45 -1.89 0.00	26.00 -1.19 -0.32	36.07 -1.06 0.00	38.82 -1.02 0.00	34.52 -0.82 0.00	30.73 -0.76 0.00	29.40 -0.69 0.00	28.82 -0.41 0.00	25.15 -0.26 0.00
NGRID_A1_DSASP 323792	30.87 -4.66 0.00	31.68 -4.66 0.00	37.00 -5.60 0.00	32.81 -4.98 0.00	27.18 -4.06 0.00	31.47 -4.55 0.00	30.90 -4.77 0.10	21.10 -4.62 4.71	26.53 -5.06 0.00	28.30 -5.24 0.00	37.70 -6.95 0.00	36.13 -6.29 0.00	27.51 -4.25 -0.26	27.85 -3.25 0.00	26.96 -3.48 0.00	27.98 -3.37 -0.01	25.36 -3.10 -1.59	32.79 -4.34 0.00	34.76 -5.07 0.00	30.95 -4.39 0.00	27.63 -3.87 0.00	26.33 -3.76 0.00	25.66 -3.57 0.00	22.19 -3.21 0.00
NGRID_A2_DSASP 323793	30.87 -4.66 0.00	31.68 -4.66 0.00	37.00 -5.60 0.00	32.81 -4.98 0.00	27.18 -4.06 0.00	31.47 -4.55 0.00	30.90 -4.77 0.10	21.10 -4.62 4.71	26.53 -5.06 0.00	28.30 -5.24 0.00	37.70 -6.95 0.00	36.13 -6.29 0.00	27.51 -4.25 -0.26	27.85 -3.25 0.00	26.96 -3.48 0.00	27.98 -3.37 -0.01	25.36 -3.10 -1.59	32.79 -4.34 0.00	34.76 -5.07 0.00	30.95 -4.39 0.00	27.63 -3.87 0.00	26.33 -3.76 0.00	25.66 -3.57 0.00	22.19 -3.21 0.00
NGRID_A4_DSASP 323807	30.87 -4.66 0.00	31.68 -4.66 0.00	37.00 -5.60 0.00	32.81 -4.98 0.00	27.18 -4.06 0.00	31.47 -4.55 0.00	30.90 -4.77 0.10	21.10 -4.62 4.71	26.53 -5.06 0.00	28.30 -5.24 0.00	37.70 -6.95 0.00	36.13 -6.29 0.00	27.51 -4.25 -0.26	27.85 -3.25 0.00	26.96 -3.48 0.00	27.98 -3.37 -0.01	25.36 -3.10 -1.59	32.79 -4.34 0.00	34.76 -5.07 0.00	30.95 -4.39 0.00	27.63 -3.87 0.00	26.33 -3.76 0.00	25.66 -3.57 0.00	22.19 -3.21 0.00
NIAGARA_115E_LBMP 323715	30.80 -4.73 0.00	31.60 -4.74 0.00	36.93 -5.67 0.00	32.73 -5.06 0.00	27.13 -4.11 0.00	31.40 -4.63 0.00	30.85 -4.83 0.10	21.24 -4.58 4.60	26.46 -5.13 0.00	28.07 -5.46 0.00	37.42 -7.23 0.00	35.84 -6.58 0.00	27.30 -4.45 -0.26	27.62 -3.49 0.00	26.77 -3.67 0.00	27.78 -3.56 -0.01	25.20 -3.26 -1.59	32.63 -4.50 0.00	34.56 -5.27 0.00	30.74 -4.60 0.00	27.44 -4.06 0.00	26.14 -3.95 0.00	25.44 -3.80 0.00	22.03 -3.38 0.00
NIAGARA_115W_LBMP 323714	30.82 -4.71 0.00	31.62 -4.72 0.00	36.94 -5.66 0.00	32.74 -5.05 0.00	27.14 -4.10 0.00	31.41 -4.62 0.00	30.84 -4.84 0.10	21.08 -4.66 4.69	26.49 -5.10 0.00	28.26 -5.28 0.00	37.63 -7.01 0.00	36.08 -6.34 0.00	27.47 -4.28 -0.26	27.81 -3.30 0.00	26.92 -3.52 0.00	27.93 -3.42 -0.01	25.33 -3.13 -1.59	32.75 -4.38 0.00	34.72 -5.12 0.00	30.91 -4.43 0.00	27.59 -3.90 0.00	26.30 -3.79 0.00	25.62 -3.61 0.00	22.17 -3.24 0.00
NIAGARA_230_LBMP 323716	31.16 -4.38 0.00	31.97 -4.37 0.00	37.34 -5.26 0.00	33.10 -4.69 0.00	27.42 -3.81 0.00	31.74 -4.28 0.00	31.17 -4.51 0.09	21.53 -4.43 4.47	26.75 -4.84 0.00	28.43 -5.10 0.00	37.87 -6.78 0.00	36.29 -6.13 0.00	27.61 -4.14 -0.26	27.93 -3.18 0.00	27.06 -3.38 0.00	28.07 -3.28 -0.01	25.44 -3.00 -1.57	32.96 -4.17 0.00	34.93 -4.91 0.00	31.08 -4.26 0.00	27.73 -3.76 0.00	26.43 -3.66 0.00	25.75 -3.49 0.00	22.29 -3.12 0.00
NIAGARA___115KV_198_GIBSON 55903	30.82 -4.71 0.00	31.63 -4.71 0.00	36.94 -5.66 0.00	32.74 -5.05 0.00	27.13 -4.10 0.00	31.41 -4.61 0.00	30.85 -4.83 0.10	21.04 -4.70 4.69	26.49 -5.10 0.00	28.26 -5.27 0.00	37.65 -7.00 0.00	36.07 -6.35 0.00	27.46 -4.30 -0.26	27.81 -3.30 0.00	26.92 -3.52 0.00	27.93 -3.42 -0.01	25.32 -3.13 -1.59	32.73 -4.40 0.00	34.71 -5.13 0.00	30.91 -4.42 0.00	27.60 -3.90 0.00	26.30 -3.79 0.00	25.62 -3.62 0.00	22.17 -3.24 0.00
NIAGARA___ 23760	31.16 -4.38 0.00	31.97 -4.37 0.00	37.34 -5.26 0.00	33.10 -4.69 0.00	27.42 -3.81 0.00	31.74 -4.28 0.00	31.16 -4.51 0.10	21.49 -4.43 4.51	26.75 -4.84 0.00	28.43 -5.10 0.00	37.87 -6.78 0.00	36.29 -6.13 0.00	27.61 -4.14 -0.26	27.93 -3.18 0.00	27.06 -3.38 0.00	28.07 -3.28 -0.01	25.45 -3.00 -1.58	32.96 -4.17 0.00	34.93 -4.91 0.00	31.08 -4.26 0.00	27.73 -3.76 0.00	26.43 -3.66 0.00	25.75 -3.49 0.00	22.29 -3.12 0.00
NINE_MILE_1 23575	33.92 -1.61 0.00	34.67 -1.67 0.00	40.64 -1.96 0.00	36.06 -1.74 0.00	29.83 -1.41 0.00	34.39 -1.63 0.00	34.14 -1.64 0.00	29.02 -1.41 0.00	30.11 -1.48 0.00	31.95 -1.58 0.00	42.52 -2.13 0.00	40.41 -2.01 0.00	30.20 -1.40 -0.11	29.92 -1.18 0.00	29.28 -1.16 0.00	30.16 -1.19 0.00	26.52 -0.99 -0.63	35.70 -1.43 0.00	38.16 -1.68 0.00	33.82 -1.52 0.00	30.14 -1.36 0.00	28.81 -1.28 0.00	28.00 -1.24 0.00	24.34 -1.07 0.00
NINE_MILE_2 23744	33.92 -1.61 0.00	34.68 -1.66 0.00	40.64 -1.96 0.00	36.06 -1.74 0.00	29.83 -1.41 0.00	34.40 -1.62 0.00	34.14 -1.64 0.00	29.03 -1.41 0.00	30.11 -1.48 0.00	31.96 -1.58 0.00	42.53 -2.12 0.00	40.42 -2.00 0.00	30.20 -1.40 -0.10	29.93 -1.18 0.00	29.28 -1.16 0.00	30.16 -1.19 0.00	26.52 -0.99 -0.63	35.70 -1.43 0.00	38.16 -1.68 0.00	33.82 -1.52 0.00	30.14 -1.36 0.00	28.81 -1.28 0.00	28.00 -1.23 0.00	24.34 -1.07 0.00
NM_CAPITAL___DRP 24208	36.99 1.45 0.00	37.75 1.41 0.00	44.28 1.68 0.00	39.33 1.54 0.00	32.50 1.26 0.00	37.48 1.46 0.00	37.23 1.45 0.00	31.69 1.27 0.00	32.93 1.34 0.00	34.90 1.37 0.00	46.33 1.68 0.00	43.82 1.39 0.00	34.68 1.08 -2.11	32.23 1.12 0.00	31.57 1.12 -0.01	32.53 1.12 -0.07	40.57 0.99 -12.72	38.59 1.46 0.00	41.17 1.33 0.00	36.43 1.09 0.00	32.55 1.05 0.00	31.05 0.95 0.00	30.09 0.85 0.00	26.13 0.73 0.00

NM_CENTRAL___DRP 24181	34.46 -1.07 0.00	35.21 -1.13 0.00	41.26 -1.34 0.00	36.59 -1.20 0.00	30.31 -0.92 0.00	34.98 -1.05 0.00	34.72 -1.06 0.00	29.49 -0.93 0.00	30.63 -0.96 0.00	32.48 -1.05 0.00	43.21 -1.44 0.00	41.06 -1.36 0.00	30.75 -0.90 -0.15	30.51 -0.60 0.00	29.85 -0.60 0.00	30.76 -0.59 0.00	27.31 -0.47 -0.91	36.44 -0.69 0.00	38.90 -0.93 0.00	34.44 -0.90 0.00	30.71 -0.79 0.00	29.31 -0.78 0.00	28.46 -0.77 0.00	24.73 -0.67 0.00
NM_FRONTIER___DRP 24179	30.82 -4.71 0.00	31.63 -4.71 0.00	36.94 -5.66 0.00	32.74 -5.05 0.00	27.13 -4.10 0.00	31.41 -4.61 0.00	30.85 -4.83 0.10	21.04 -4.70 4.69	26.49 -5.10 0.00	28.26 -5.27 0.00	37.65 -7.00 0.00	36.07 -6.35 0.00	27.46 -4.30 -0.26	27.81 -3.30 0.00	26.92 -3.52 0.00	27.93 -3.42 -0.01	25.32 -3.13 -1.59	32.73 -4.40 0.00	34.71 -5.13 0.00	30.91 -4.42 0.00	27.60 -3.90 0.00	26.30 -3.79 0.00	25.62 -3.62 0.00	22.17 -3.24 0.00
NM_ST_REGIS___HYD 24053	35.89 0.36 0.00	36.71 0.37 0.00	43.00 0.40 0.00	38.11 0.32 0.00	31.43 0.20 0.00	36.16 0.13 0.00	35.88 0.11 0.00	30.69 0.26 0.00	31.73 0.13 0.00	33.73 0.19 0.00	44.80 0.15 0.00	42.47 0.05 0.00	31.22 -0.30 -0.03	29.13 -1.98 0.00	28.41 -2.03 0.00	29.06 -2.28 0.00	25.81 -1.27 -0.22	36.48 -0.65 0.00	39.50 -0.34 0.00	35.28 -0.06 0.00	31.32 -0.18 0.00	29.96 -0.14 0.00	29.41 0.17 0.00	25.66 0.25 0.00
NORTHPORT___1 23551	38.41 2.88 0.00	39.07 2.73 0.00	45.93 3.33 0.00	40.83 3.04 0.00	33.78 2.55 0.00	38.78 2.76 0.00	38.52 2.75 0.00	32.97 2.54 0.00	34.14 2.56 0.00	36.06 2.53 0.00	48.52 3.87 0.00	46.23 3.81 0.00	35.75 2.55 -1.71	33.67 2.56 0.00	33.08 2.64 -0.01	33.99 2.59 -0.05	39.37 2.20 -10.31	40.12 3.00 0.00	42.91 3.08 0.00	37.99 2.65 0.00	33.92 2.43 0.00	32.50 2.36 -0.05	31.32 2.08 0.00	27.12 1.72 0.00
NORTHPORT___2 23552	38.41 2.88 0.00	39.07 2.73 0.00	45.93 3.33 0.00	40.83 3.04 0.00	33.78 2.55 0.00	38.78 2.76 0.00	38.52 2.75 0.00	32.97 2.54 0.00	34.14 2.56 0.00	36.06 2.53 0.00	48.52 3.87 0.00	46.23 3.81 0.00	35.75 2.55 -1.71	33.67 2.56 -0.01	33.08 2.64 -0.01	33.99 2.59 -0.05	39.37 2.20 -10.31	40.12 3.00 0.00	42.91 3.08 0.00	37.99 2.65 0.00	33.92 2.43 0.00	32.50 2.36 -0.05	31.32 2.08 0.00	27.12 1.72 0.00
NORTHPORT___3 23553	38.00 2.47 0.00	38.65 2.31 0.00	45.40 2.81 0.00	40.35 2.56 0.00	33.38 2.14 0.00	38.29 2.27 0.00	38.04 2.27 0.00	32.53 2.10 0.00	33.69 2.10 0.00	35.67 2.14 0.00	48.07 3.42 0.00	45.78 3.36 0.00	35.43 2.24 -1.71	33.34 2.23 0.00	32.72 2.27 -0.01	33.57 2.18 -0.05	39.02 1.84 -10.31	39.61 2.48 0.00	42.32 2.49 0.00	37.52 2.18 0.00	33.52 2.02 0.00	32.11 1.97 -0.05	30.98 1.74 0.00	26.84 1.44 0.00
NORTHPORT___4 23650	38.00 2.47 0.00	38.65 2.31 0.00	45.40 2.81 0.00	40.35 2.56 0.00	33.38 2.14 0.00	38.29 2.27 0.00	38.04 2.27 0.00	32.53 2.10 0.00	33.69 2.10 0.00	35.67 2.14 0.00	48.07 3.42 0.00	45.78 3.36 0.00	35.43 2.24 -1.71	33.34 2.23 0.00	32.72 2.27 -0.01	33.57 2.18 -0.05	39.02 1.84 -10.31	39.61 2.48 0.00	42.32 2.49 0.00	37.52 2.18 0.00	33.52 2.02 0.00	32.11 1.97 -0.05	30.98 1.74 0.00	26.84 1.44 0.00
NORTHPORT___IC 23718	38.41 2.88 0.00	39.07 2.73 0.00	45.93 3.33 0.00	40.82 3.02 0.00	33.78 2.54 0.00	38.78 2.76 0.00	38.52 2.75 0.00	32.97 2.54 0.00	34.15 2.56 0.00	36.07 2.53 0.00	48.52 3.88 0.00	46.23 3.81 0.00	35.75 2.55 -1.71	33.66 2.55 0.00	33.09 2.64 -0.01	33.98 2.59 -0.05	39.37 2.20 -10.31	40.12 2.99 0.00	42.91 3.08 0.00	37.99 2.65 0.00	33.92 2.43 0.00	32.50 2.36 -0.05	31.32 2.09 0.00	27.12 1.72 0.00
NORTH___COUNTRY_ESR 323785	36.16 0.63 0.00	37.02 0.68 0.00	43.25 0.66 0.00	38.33 0.54 0.00	31.64 0.40 0.00	36.52 0.50 0.00	36.40 0.63 0.00	30.97 0.54 0.00	32.11 0.51 0.00	34.13 0.59 0.00	45.43 0.78 0.00	43.13 0.71 0.00	31.71 0.22 0.00	29.55 -1.56 0.00	28.78 -1.67 0.00	29.43 -1.91 0.00	25.93 -0.94 0.00	37.02 -0.11 0.00	40.01 0.17 0.00	35.76 0.42 0.00	31.73 0.23 0.00	30.36 0.26 0.00	29.53 0.30 0.00	25.71 0.30 0.00
NPX_GEN_1385_PROXY 323591	38.79 3.26 0.00	39.52 3.17 0.00	46.79 4.19 0.00	41.88 4.08 0.00	50.61 3.42 -15.95	76.45 3.77 -36.65	57.74 3.74 -18.23	86.56 3.37 -52.76	34.98 3.40 0.00	36.42 2.89 0.00	48.46 3.81 0.00	46.17 3.75 0.00	35.56 2.37 -1.71	33.55 2.44 0.00	33.08 2.63 -0.01	34.27 2.88 -0.05	39.50 2.33 -10.31	40.18 3.05 0.00	43.39 3.56 0.00	38.55 3.22 0.00	34.43 2.93 0.00	32.97 2.83 -0.05	31.78 2.55 0.00	27.55 2.15 0.00
NPX_GEN_CSC 323557	39.06 3.53 0.00	39.63 3.29 0.00	46.52 3.92 0.00	41.33 3.54 0.00	34.25 3.02 0.00	39.36 3.34 0.00	39.09 3.32 0.00	33.55 3.12 0.00	34.72 3.13 0.00	36.60 3.06 0.00	49.38 4.74 0.00	46.99 4.57 0.00	36.05 2.85 -1.71	33.96 2.86 0.00	33.64 3.19 -0.01	34.47 3.07 -0.05	39.78 2.60 -10.31	40.78 3.65 0.00	43.59 3.75 0.00	38.55 3.21 0.00	34.39 2.89 0.00	32.97 2.83 -0.05	31.66 2.43 0.00	27.33 1.92 0.00
NSINS_S___GLNS_FALLS 23858	37.34 1.81 0.00	38.13 1.79 0.00	44.65 2.05 0.00	39.67 1.88 0.00	32.80 1.56 0.00	37.81 1.79 0.00	37.69 1.91 0.00	32.15 1.72 0.00	33.39 1.80 0.00	35.46 1.93 0.00	47.11 2.47 0.00	44.79 2.37 0.00	35.39 1.74 -2.17	32.88 1.78 0.00	32.17 1.72 -0.01	33.21 1.80 -0.07	41.63 1.68 -13.08	39.58 2.45 0.00	42.26 2.43 0.00	37.34 2.01 0.00	33.26 1.76 0.00	31.62 1.53 0.00	30.61 1.37 0.00	26.57 1.17 0.00
NUCOR_STEEL___DRP 24197	34.77 -0.76 0.00	35.53 -0.81 0.00	41.61 -0.99 0.00	37.01 -0.78 0.00	30.57 -0.67 0.00	35.24 -0.78 0.00	34.98 -0.79 0.00	29.70 -0.73 0.00	30.98 -0.61 0.00	32.72 -0.82 0.00	43.46 -1.18 0.00	41.30 -1.12 0.00	31.00 -0.69 -0.21	30.72 -0.39 0.00	30.06 -0.38 0.00	31.01 -0.34 -0.01	27.88 -0.23 -1.25	36.83 -0.31 0.00	39.30 -0.54 0.00	34.73 -0.60 0.00	30.99 -0.51 0.00	29.67 -0.42 0.00	28.83 -0.41 0.00	25.04 -0.37 0.00
NUMBER_THREE_WT_PWR 323818	35.44 -0.09 0.00	36.03 -0.31 0.00	42.61 0.01 0.00	37.89 0.10 0.00	31.30 0.07 0.00	36.01 -0.01 0.00	35.70 -0.08 0.00	30.51 0.08 0.00	31.78 0.19 0.00	33.70 0.16 0.00	44.29 -0.36 0.00	41.65 -0.77 0.00	31.03 -0.52 -0.06	30.48 -0.63 0.00	30.06 -0.38 0.00	30.72 -0.62 0.00	26.89 -0.36 -0.38	36.72 -0.41 0.00	39.22 -0.62 0.00	34.73 -0.61 0.00	31.00 -0.50 0.00	29.70 -0.39 0.00	28.94 -0.29 0.00	25.22 -0.19 0.00
NYISO_LBMP_REFERENCE 24008	35.53 0.00 0.00	36.34 0.00 0.00	42.60 0.00 0.00	37.79 0.00 0.00	31.24 0.00 0.00	36.02 0.00 0.00	35.78 0.00 0.00	30.43 0.00 0.00	31.59 0.00 0.00	33.53 0.00 0.00	44.65 0.00 0.00	42.42 0.00 0.00	31.49 0.00 0.00	31.11 0.00 0.00	30.44 0.00 0.00	31.34 0.00 0.00	26.87 0.00 0.00	37.13 0.00 0.00	39.84 0.00 0.00	35.34 0.00 0.00	31.50 0.00 0.00	30.09 0.00 0.00	29.23 0.00 0.00	25.41 0.00 0.00

NYPA_BRENTWD____GT 24164	38.76 3.23 0.00	39.39 3.05 0.00	46.27 3.67 0.00	41.11 3.32 0.00	34.01 2.77 0.00	39.07 3.05 0.00	38.81 3.03 0.00	33.24 2.81 0.00	34.43 2.84 0.00	36.41 2.87 0.00	49.00 4.35 0.00	46.70 4.28 0.00	36.10 2.90 -1.71	34.02 2.91 0.00	33.43 2.98 -0.01	34.34 2.94 -0.05	39.70 2.52 -10.31	40.61 3.48 0.00	43.40 3.57 0.00	38.41 3.07 0.00	34.26 2.77 0.00	32.82 2.67 -0.05	31.60 2.36 0.00	27.33 1.93 0.00
NYPA_GOWANUS____GT5 24156	58.53 2.15 -20.85	54.16 2.08 -15.74	54.17 2.52 -9.05	54.13 2.22 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.85 2.02 -16.07	53.81 1.79 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.98 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.16 -13.98	47.31 2.11 -14.76	47.46 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.54 -31.30	94.92 2.09 -57.49	87.90 1.87 -54.53	93.12 1.77 -61.25	50.09 1.59 -19.26	46.29 1.34 -19.55
NYPA_GOWANUS____GT6 24157	58.53 2.15 -20.85	54.16 2.08 -15.74	54.17 2.52 -9.05	54.13 2.22 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.85 2.02 -16.07	53.81 1.79 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.98 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.16 -13.98	47.31 2.11 -14.76	47.46 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.54 -31.30	94.92 2.09 -57.49	87.90 1.87 -54.53	93.12 1.77 -61.25	50.09 1.59 -19.26	46.29 1.34 -19.55
NYPA_HARLEM_RVR_GT1 24160	37.40 1.87 0.00	38.11 1.77 0.00	44.79 2.20 0.00	39.71 1.92 0.00	32.81 1.57 0.00	37.80 1.78 0.00	37.52 1.75 0.00	31.98 1.55 0.00	33.28 1.70 0.00	35.29 1.76 0.00	47.29 2.64 0.00	44.98 2.56 0.00	35.16 1.96 -1.71	33.02 1.91 0.00	32.32 1.88 -0.01	33.31 1.92 -0.05	38.87 1.69 -10.30	39.55 2.42 0.00	42.06 2.22 0.00	37.18 1.84 0.00	33.18 1.69 0.00	31.63 1.54 0.00	30.61 1.38 0.00	26.52 1.11 0.00
NYPA_HARLEM_RVR_GT2 24161	37.40 1.87 0.00	38.11 1.77 0.00	44.79 2.20 0.00	39.71 1.92 0.00	32.81 1.57 0.00	37.80 1.78 0.00	37.52 1.75 0.00	31.98 1.55 0.00	33.28 1.70 0.00	35.29 1.76 0.00	47.29 2.64 0.00	44.98 2.56 0.00	35.16 1.96 -1.71	33.02 1.91 0.00	32.32 1.88 -0.01	33.31 1.92 -0.05	38.87 1.69 -10.30	39.55 2.42 0.00	42.06 2.22 0.00	37.18 1.84 0.00	33.18 1.69 0.00	31.63 1.54 0.00	30.61 1.38 0.00	26.52 1.11 0.00
NYPA_KENT____GT 24152	50.25 2.09 -12.63	47.89 2.01 -9.54	50.53 2.45 -5.48	48.49 2.15 -8.55	45.74 1.75 -12.75	47.74 1.98 -9.73	47.46 1.95 -9.73	45.25 1.74 -13.08	45.86 1.86 -12.41	46.88 1.98 -11.37	81.10 2.94 -33.52	50.94 2.83 -5.69	48.82 2.13 -15.20	41.67 2.09 -8.47	41.43 2.05 -8.94	41.90 2.08 -8.49	44.88 1.81 -16.20	44.33 2.60 -4.60	61.23 2.43 -18.96	72.16 1.99 -34.83	66.33 1.80 -33.03	68.89 1.69 -37.11	42.42 1.52 -11.67	38.52 1.27 -11.84
NYPA_POUCH1____GT 24155	58.45 2.07 -20.85	54.08 2.00 -15.74	54.10 2.45 -9.05	54.07 2.16 -14.11	54.04 1.75 -21.05	54.07 1.99 -16.06	53.80 1.96 -16.07	53.75 1.73 -21.59	53.91 1.84 -20.48	54.27 1.96 -18.77	102.87 2.89 -55.34	54.55 2.74 -9.39	57.55 2.08 -23.98	47.17 2.09 -13.98	47.25 2.05 -14.76	47.38 2.07 -13.97	48.75 1.84 -20.04	47.40 2.67 -7.60	73.59 2.45 -31.30	94.83 2.00 -57.49	87.80 1.77 -54.53	93.05 1.70 -61.25	50.04 1.55 -19.26	46.28 1.32 -19.55
NYPA_VERNON____GT2 24162	41.97 2.03 -4.41	41.62 1.96 -3.33	46.89 2.37 -1.91	42.86 2.09 -2.99	37.39 1.71 -4.45	41.34 1.92 -3.40	41.06 1.88 -3.40	36.68 1.69 -4.57	37.74 1.81 -4.33	39.42 1.91 -3.97	59.21 2.86 -11.70	47.18 2.77 -1.99	39.99 2.08 -6.42	36.09 2.02 -2.96	35.56 1.99 -3.13	36.35 2.02 -3.00	41.00 1.76 -12.36	41.26 2.52 -1.61	48.81 2.35 -6.62	49.42 1.92 -12.16	44.77 1.73 -11.54	44.67 1.62 -12.96	34.76 1.45 -4.08	30.75 1.21 -4.14
NYPA_VERNON____GT3 24163	41.97 2.03 -4.41	41.62 1.96 -3.33	46.89 2.37 -1.91	42.86 2.09 -2.99	37.39 1.71 -4.45	41.34 1.92 -3.40	41.06 1.88 -3.40	36.68 1.69 -4.57	37.74 1.81 -4.33	39.42 1.91 -3.97	59.21 2.86 -11.70	47.18 2.77 -1.99	39.99 2.08 -6.42	36.09 2.02 -2.96	35.56 1.99 -3.13	36.35 2.02 -3.00	41.00 1.76 -12.36	41.26 2.52 -1.61	48.81 2.35 -6.62	49.42 1.92 -12.16	44.77 1.73 -11.54	44.67 1.62 -12.96	34.76 1.45 -4.08	30.75 1.21 -4.14
NYPA____ASTORIA_CC1 323568	37.52 1.99 0.00	38.24 1.90 0.00	44.92 2.32 0.00	39.83 2.04 0.00	32.89 1.66 0.00	37.90 1.88 0.00	37.62 1.84 0.00	32.07 1.64 0.00	33.37 1.78 0.00	35.41 1.87 0.00	47.43 2.78 0.00	45.13 2.71 0.00	35.24 2.04 -1.71	33.08 1.97 0.00	32.39 1.94 -0.01	33.36 1.97 -0.05	38.89 1.71 -10.30	39.58 2.45 0.00	42.11 2.28 0.00	37.19 1.85 0.00	33.18 1.69 0.00	31.66 1.57 0.00	30.63 1.40 0.00	26.57 1.16 0.00
NYPA____ASTORIA_CC2 323569	37.52 1.99 0.00	38.24 1.90 0.00	44.92 2.32 0.00	39.83 2.04 0.00	32.89 1.66 0.00	37.90 1.88 0.00	37.62 1.84 0.00	32.07 1.64 0.00	33.37 1.78 0.00	35.41 1.87 0.00	47.43 2.78 0.00	45.13 2.71 0.00	35.24 2.04 -1.71	33.08 1.97 0.00	32.39 1.94 -0.01	33.36 1.97 -0.05	38.89 1.71 -10.30	39.58 2.45 0.00	42.11 2.28 0.00	37.19 1.85 0.00	33.18 1.69 0.00	31.66 1.57 0.00	30.63 1.40 0.00	26.57 1.16 0.00
NYPA____HOLTSVILL 23794	38.62 3.09 0.00	39.23 2.89 0.00	46.08 3.48 0.00	40.94 3.15 0.00	33.89 2.66 0.00	38.93 2.91 0.00	38.67 2.89 0.00	33.14 2.71 0.00	34.32 2.73 0.00	36.24 2.71 0.00	48.83 4.18 0.00	46.51 4.10 0.00	35.92 2.72 -1.71	33.84 2.73 0.00	33.30 2.86 -0.01	34.18 2.78 -0.05	39.54 2.36 -10.31	40.40 3.27 0.00	43.18 3.34 0.00	38.20 2.86 0.00	34.09 2.59 0.00	32.68 2.53 -0.05	31.45 2.21 0.00	27.20 1.79 0.00
NYPA____HELLGATE_GT1 24158	37.40 1.87 0.00	38.11 1.77 0.00	44.79 2.20 0.00	39.71 1.92 0.00	32.81 1.57 0.00	37.80 1.78 0.00	37.52 1.75 0.00	31.98 1.55 0.00	33.28 1.70 0.00	35.29 1.76 0.00	47.29 2.64 0.00	44.98 2.56 0.00	35.16 1.96 -1.71	33.02 1.91 0.00	32.32 1.88 -0.01	33.31 1.92 -0.05	38.87 1.69 -10.30	39.56 2.43 0.00	42.08 2.25 0.00	37.18 1.84 0.00	33.18 1.69 0.00	31.63 1.54 0.00	30.61 1.38 0.00	26.52 1.11 0.00
NYPA____HELLGATE_GT2 24159	37.40 1.87 0.00	38.11 1.77 0.00	44.79 2.20 0.00	39.71 1.92 0.00	32.81 1.57 0.00	37.80 1.78 0.00	37.52 1.75 0.00	31.98 1.55 0.00	33.28 1.70 0.00	35.29 1.76 0.00	47.29 2.64 0.00	44.98 2.56 0.00	35.16 1.96 -1.71	33.02 1.91 0.00	32.32 1.88 -0.01	33.31 1.92 -0.05	38.87 1.69 -10.30	39.56 2.43 0.00	42.08 2.25 0.00	37.18 1.84 0.00	33.18 1.69 0.00	31.63 1.54 0.00	30.61 1.38 0.00	26.52 1.11 0.00
NYS_BARGE__HYD 23848	31.41 -4.12 0.00	32.21 -4.13 0.00	37.64 -4.96 0.00	33.36 -4.44 0.00	27.64 -3.60 0.00	31.98 -4.04 0.00	31.44 -4.24 0.09	22.04 -4.11 4.28	27.00 -4.58 0.00	28.67 -4.87 0.00	38.21 -6.44 0.00	36.59 -5.83 0.00	27.81 -3.93 -0.26	28.15 -2.96 0.00	27.28 -3.16 0.00	28.34 -3.01 -0.01	25.66 -2.75 0.00	33.35 -3.78 0.00	35.32 -4.52 0.00	31.40 -3.94 0.00	28.00 -3.49 0.00	26.68 -3.42 0.00	25.96 -3.28 0.00	22.46 -2.95 0.00

OAK ORCHARD___HYD 24046	33.09 -2.44 0.00	33.89 -2.45 0.00	39.62 -2.98 0.00	35.13 -2.66 0.00	29.09 -2.15 0.00	33.63 -2.40 0.00	33.26 -2.52 0.00	27.97 -2.46 0.00	28.94 -2.65 0.00	30.70 -2.84 0.00	40.87 -3.78 0.00	39.01 -3.41 0.00	29.37 -2.33 -0.21	29.41 -1.70 0.00	28.64 -1.80 0.00	29.65 -1.70 -0.01	26.65 -1.49 -1.27	35.08 -2.04 0.00	37.31 -2.52 0.00	33.11 -2.23 0.00	29.50 -2.00 0.00	28.13 -1.96 0.00	27.34 -1.89 0.00	23.68 -1.73 0.00
OAKDALE___35_KV_LOAD 356122	34.84 -0.69 0.00	35.60 -0.74 0.00	41.73 -0.86 0.00	37.00 -0.79 0.00	30.63 -0.61 0.00	35.31 -0.71 0.00	34.95 -0.82 0.00	29.67 -0.76 0.00	30.85 -0.74 0.00	32.74 -0.80 0.00	43.58 -1.07 0.00	41.48 -0.94 0.00	31.41 -0.62 -0.54	30.81 -0.29 0.00	30.11 -0.33 0.00	31.07 -0.28 -0.02	29.93 -0.22 -3.28	36.87 -0.26 0.00	39.33 -0.51 0.00	34.67 -0.67 0.00	30.98 -0.52 0.00	29.51 -0.58 0.00	28.69 -0.55 0.00	24.92 -0.48 0.00
OCC_CHEM___DRP 24175	30.88 -4.65 0.00	31.69 -4.65 0.00	36.99 -5.61 0.00	32.81 -4.98 0.00	27.18 -4.05 0.00	31.47 -4.55 0.00	30.91 -4.77 0.10	21.06 -4.66 4.71	26.53 -5.06 0.00	28.30 -5.24 0.00	37.70 -6.95 0.00	36.14 -6.28 0.00	27.49 -4.26 -0.26	27.86 -3.25 0.00	26.97 -3.47 0.00	27.98 -3.37 -0.01	25.36 -3.10 -1.59	32.77 -4.36 0.00	34.76 -5.08 0.00	30.95 -4.38 0.00	27.63 -3.87 0.00	26.34 -3.76 0.00	25.65 -3.59 0.00	22.20 -3.21 0.00
OH_GEN_PROXY 24063	31.25 -4.28 0.00	32.06 -4.28 0.00	37.46 -5.13 0.00	33.21 -4.58 0.00	27.51 -3.72 0.00	31.84 -4.18 0.00	31.27 -4.42 0.08	22.17 -4.32 3.93	26.87 -4.72 0.00	28.57 -4.97 0.00	38.03 -6.62 0.00	36.45 -5.97 0.00	27.70 -4.05 -0.26	27.99 -3.11 0.00	27.13 -3.31 0.00	28.13 -3.22 -0.01	25.50 -2.94 -1.57	33.07 -4.06 0.00	35.05 -4.79 0.00	31.17 -4.17 0.00	27.81 -3.69 0.00	26.51 -3.58 0.00	25.83 -3.40 0.00	22.36 -3.04 0.00
OLIN_CORP_DRP 24177	30.87 -4.66 0.00	31.68 -4.66 0.00	37.02 -5.58 0.00	32.81 -4.98 0.00	27.19 -4.05 0.00	31.47 -4.55 0.00	30.92 -4.75 0.10	21.15 -4.57 4.71	26.53 -5.06 0.00	28.14 -5.39 0.00	37.52 -7.13 0.00	35.94 -6.48 0.00	27.36 -4.40 -0.27	27.70 -3.41 0.00	26.83 -3.61 0.00	27.85 -3.50 -0.01	25.26 -3.21 -1.60	32.66 -4.47 0.00	34.64 -5.20 0.00	30.81 -4.52 0.00	27.50 -4.00 0.00	26.21 -3.88 0.00	25.49 -3.74 0.00	22.08 -3.32 0.00
OLIN_CORP_DSASP 323712	30.87 -4.66 0.00	31.68 -4.66 0.00	37.00 -5.60 0.00	32.81 -4.98 0.00	27.18 -4.06 0.00	31.47 -4.55 0.00	30.90 -4.77 0.10	21.10 -4.62 4.71	26.53 -5.06 0.00	28.30 -5.24 0.00	37.70 -6.95 0.00	36.13 -6.29 0.00	27.51 -4.25 -0.26	27.85 -3.25 0.00	26.96 -3.48 0.00	27.98 -3.37 -0.01	25.36 -3.10 -1.59	32.79 -4.34 0.00	34.76 -5.07 0.00	30.95 -4.39 0.00	27.63 -3.87 0.00	26.33 -3.76 0.00	25.66 -3.57 0.00	22.19 -3.21 0.00
ONEIDA_HERK_LFGE 323681	36.03 0.50 0.00	36.74 0.40 0.00	43.22 0.63 0.00	38.37 0.58 0.00	31.72 0.48 0.00	36.56 0.54 0.00	36.30 0.52 0.00	30.96 0.53 0.00	32.21 0.62 0.00	34.18 0.65 0.00	45.26 0.61 0.00	42.81 0.38 0.00	31.82 0.27 -0.05	31.35 0.24 0.00	30.81 0.36 0.00	31.65 0.31 0.00	27.57 0.37 -0.32	37.71 0.59 0.00	40.31 0.47 0.00	35.69 0.35 0.00	31.82 0.32 0.00	30.40 0.31 0.00	29.53 0.29 0.00	25.65 0.25 0.00
ONEIDA___115KV_TB4 55905	36.14 0.61 0.00	36.94 0.60 0.00	43.32 0.72 0.00	38.42 0.63 0.00	31.81 0.58 0.00	36.71 0.69 0.00	36.47 0.69 0.00	31.06 0.62 0.00	32.30 0.71 0.00	34.26 0.73 0.00	45.55 0.90 0.00	43.17 0.75 0.00	32.07 0.48 -0.10	31.73 0.62 0.00	31.14 0.70 0.00	32.10 0.76 0.00	28.19 0.73 -0.60	38.09 0.96 0.00	40.69 0.86 0.00	35.98 0.64 0.00	32.09 0.59 0.00	30.62 0.53 0.00	29.69 0.45 0.00	25.75 0.35 0.00
ONONDAGA_REF_OCCRA 23987	34.73 -0.81 0.00	35.47 -0.87 0.00	41.57 -1.03 0.00	36.86 -0.93 0.00	30.53 -0.71 0.00	35.22 -0.80 0.00	34.95 -0.82 0.00	29.71 -0.72 0.00	30.85 -0.73 0.00	32.72 -0.82 0.00	43.52 -1.13 0.00	41.33 -1.09 0.00	30.98 -0.69 -0.19	30.70 -0.41 0.00	30.05 -0.39 0.00	30.97 -0.38 -0.01	27.72 -0.28 -1.12	36.74 -0.39 0.00	39.23 -0.61 0.00	34.69 -0.65 0.00	30.95 -0.54 0.00	29.53 -0.56 0.00	28.67 -0.56 0.00	24.90 -0.50 0.00
ONONDAGA___COGEN 23986	34.68 -0.85 0.00	35.44 -0.90 0.00	41.52 -1.08 0.00	36.84 -0.95 0.00	30.49 -0.74 0.00	35.17 -0.85 0.00	34.90 -0.87 0.00	29.67 -0.76 0.00	30.83 -0.76 0.00	32.68 -0.85 0.00	43.46 -1.18 0.00	41.30 -1.13 0.00	30.94 -0.72 -0.17	30.66 -0.45 0.00	30.00 -0.44 0.00	30.92 -0.43 -0.01	27.59 -0.32 -1.04	36.67 -0.46 0.00	39.15 -0.69 0.00	34.64 -0.69 0.00	30.90 -0.60 0.00	29.50 -0.59 0.00	28.65 -0.58 0.00	24.89 -0.51 0.00
ONTARIO___LFGE 23819	34.12 -1.41 0.00	34.89 -1.45 0.00	40.73 -1.87 0.00	36.06 -1.74 0.00	30.02 -1.21 0.00	34.66 -1.37 0.00	34.36 -1.49 -0.07	32.40 -1.46 -3.43	30.20 -1.39 0.00	31.99 -1.54 0.00	42.42 -2.23 0.00	40.40 -2.02 0.00	30.40 -1.34 -0.25	30.22 -0.89 0.00	29.54 -0.90 0.00	30.58 -0.77 -0.01	27.75 -0.62 -1.50	36.35 -0.78 0.00	38.59 -1.25 0.00	34.07 -1.27 0.00	30.48 -1.02 0.00	28.96 -1.13 0.00	28.15 -1.08 0.00	24.41 -0.99 0.00
ORANGEVILLE_WT_PWR 323706	31.92 -3.61 0.00	32.70 -3.64 0.00	38.16 -4.44 0.00	33.78 -4.01 0.00	27.99 -3.24 0.00	32.35 -3.67 0.00	31.35 -4.00 0.42	6.78 -3.77 19.88	27.55 -4.05 0.00	29.16 -4.37 0.00	38.87 -5.77 0.00	37.34 -5.08 0.00	28.38 -3.42 -0.32	28.47 -2.63 0.00	27.76 -2.68 0.00	28.87 -2.48 -0.01	26.58 -2.19 -1.91	34.19 -2.94 0.00	36.21 -3.62 0.00	32.06 -3.28 0.00	28.51 -2.99 0.00	27.08 -3.02 0.00	26.42 -2.82 0.00	22.87 -2.54 0.00
ORANGEVILLE___ESR 323794	31.92 -3.61 0.00	32.70 -3.64 0.00	38.16 -4.44 0.00	33.78 -4.01 0.00	27.99 -3.24 0.00	32.35 -3.67 0.00	31.35 -4.00 0.42	6.78 -3.77 19.88	27.55 -4.05 0.00	29.16 -4.37 0.00	38.87 -5.77 0.00	37.34 -5.08 0.00	28.38 -3.42 -0.32	28.47 -2.63 0.00	27.76 -2.68 0.00	28.87 -2.48 -0.01	26.58 -2.19 -1.91	34.19 -2.94 0.00	36.21 -3.62 0.00	32.06 -3.28 0.00	28.51 -2.99 0.00	27.08 -3.02 0.00	26.42 -2.82 0.00	22.87 -2.54 0.00
OSWEGATCHIE___HYD 24044	35.27 -0.26 0.00	35.97 -0.37 0.00	42.34 -0.26 0.00	37.57 -0.22 0.00	31.02 -0.22 0.00	35.64 -0.38 0.00	35.30 -0.48 0.00	30.21 -0.22 0.00	31.31 -0.28 0.00	33.26 -0.27 0.00	43.93 -0.72 0.00	41.50 -0.93 0.00	30.66 -0.87 -0.05	29.34 -1.77 0.00	28.81 -1.64 0.00	29.45 -1.89 0.00	26.00 -1.19 -0.32	36.07 -1.06 0.00	38.82 -1.02 0.00	34.52 -0.82 0.00	30.73 -0.76 0.00	29.40 -0.69 0.00	28.82 -0.41 0.00	25.15 -0.26 0.00
OSWEGO___5 23606	34.17 -1.37 0.00	34.92 -1.42 0.00	40.93 -1.67 0.00	36.32 -1.48 0.00	30.04 -1.20 0.00	34.65 -1.38 0.00	34.38 -1.39 0.00	29.22 -1.21 0.00	30.33 -1.26 0.00	32.18 -1.35 0.00	42.82 -1.83 0.00	40.70 -1.72 0.00	30.42 -1.19 -0.12	30.14 -0.97 0.00	29.49 -0.96 0.00	30.37 -0.97 0.00	26.80 -0.81 -0.73	35.97 -1.16 0.00	38.45 -1.39 0.00	34.06 -1.28 0.00	30.36 -1.14 0.00	29.02 -1.08 0.00	28.20 -1.04 0.00	24.51 -0.90 0.00

OSWEGO___6 23613	34.17 -1.37 0.00	34.92 -1.42 0.00	40.93 -1.67 0.00	36.32 -1.48 0.00	30.04 -1.20 0.00	34.65 -1.38 0.00	34.38 -1.39 0.00	29.22 -1.21 0.00	30.33 -1.26 0.00	32.18 -1.35 0.00	42.82 -1.83 0.00	40.70 -1.72 0.00	30.42 -1.19 -0.12	30.14 -0.97 0.00	29.49 -0.96 0.00	30.37 -0.97 0.00	26.80 -0.81 -0.73	35.97 -1.16 0.00	38.45 -1.39 0.00	34.06 -1.28 0.00	30.36 -1.14 0.00	29.02 -1.08 0.00	28.20 -1.04 0.00	24.51 -0.90 0.00
OUTOKUMPU-AB___DRP 24206	31.64 -3.89 0.00	32.43 -3.91 0.00	37.88 -4.72 0.00	33.58 -4.22 0.00	27.81 -3.43 0.00	32.20 -3.82 0.00	31.63 -4.04 0.11	21.40 -4.01 5.02	27.20 -4.39 0.00	28.95 -4.59 0.00	38.56 -6.08 0.00	36.95 -5.47 0.00	28.10 -3.65 -0.27	28.44 -2.67 0.00	27.55 -2.89 0.00	28.62 -2.73 -0.01	25.96 -2.52 -1.62	33.65 -3.48 0.00	35.66 -4.18 0.00	31.71 -3.63 0.00	28.28 -3.22 0.00	26.93 -3.16 0.00	26.23 -3.01 0.00	22.68 -2.72 0.00
OXBOW___BTM 323836	31.32 -4.22 0.00	32.11 -4.23 0.00	37.50 -5.09 0.00	33.26 -4.54 0.00	27.55 -3.69 0.00	31.90 -4.13 0.00	31.32 -4.36 0.10	21.32 -4.24 4.87	26.93 -4.66 0.00	28.69 -4.85 0.00	38.21 -6.43 0.00	36.62 -5.80 0.00	27.86 -3.89 -0.27	28.21 -2.90 0.00	27.32 -3.12 0.00	28.36 -2.99 -0.01	25.72 -2.75 -1.60	33.32 -3.81 0.00	35.30 -4.53 0.00	31.41 -3.93 0.00	28.01 -3.48 0.00	26.69 -3.40 0.00	26.00 -3.23 0.00	22.48 -2.92 0.00
OXBOW____ 24026	31.32 -4.22 0.00	32.12 -4.22 0.00	37.51 -5.09 0.00	33.26 -4.53 0.00	27.56 -3.69 0.00	31.89 -4.13 0.00	31.33 -4.34 0.10	21.28 -4.28 4.87	26.93 -4.67 0.00	28.68 -4.85 0.00	38.22 -6.43 0.00	36.62 -5.80 0.00	27.86 -3.89 -0.27	28.21 -2.90 0.00	27.31 -3.13 0.00	28.35 -3.00 -0.01	25.72 -2.75 -1.60	33.29 -3.84 0.00	35.29 -4.54 0.00	31.41 -3.93 0.00	28.01 -3.49 0.00	26.70 -3.40 0.00	25.99 -3.24 0.00	22.49 -2.92 0.00
OXY_CHEM_DSASP 323612	30.88 -4.65 0.00	31.69 -4.65 0.00	36.99 -5.61 0.00	32.81 -4.98 0.00	27.18 -4.05 0.00	31.47 -4.55 0.00	30.91 -4.77 0.10	21.06 -4.66 4.71	26.53 -5.06 0.00	28.30 -5.24 0.00	37.70 -6.95 0.00	36.14 -6.28 0.00	27.49 -4.26 -0.26	27.86 -3.25 0.00	26.97 -3.47 0.00	27.98 -3.37 -0.01	25.36 -3.10 -1.59	32.77 -4.36 0.00	34.76 -5.08 0.00	30.95 -4.38 0.00	27.63 -3.87 0.00	26.34 -3.76 0.00	25.65 -3.59 0.00	22.20 -3.21 0.00
OZONE_PARK_ESR 323760	37.75 2.22 0.00	38.45 2.11 0.00	45.16 2.56 0.00	40.04 2.25 0.00	33.07 1.84 0.00	38.11 2.08 0.00	37.84 2.06 0.00	32.27 1.84 0.00	33.55 1.96 0.00	35.62 2.08 0.00	47.71 3.06 0.00	45.44 3.02 0.00	35.46 2.26 -1.71	33.31 2.20 0.00	32.61 2.17 -0.01	33.59 2.20 -0.05	39.11 1.93 -10.30	39.93 2.79 0.00	42.48 2.64 0.00	37.50 2.16 0.00	33.43 1.94 0.00	31.88 1.79 0.00	30.85 1.61 0.00	26.73 1.33 0.00
PACKARD_I15_KV_ADAMS_I87_REV_LBMP_A 345013	30.88 -4.65 0.00	31.69 -4.65 0.00	36.99 -5.61 0.00	32.81 -4.98 0.00	27.18 -4.05 0.00	31.47 -4.55 0.00	30.91 -4.77 0.10	21.06 -4.66 4.71	26.53 -5.06 0.00	28.30 -5.24 0.00	37.70 -6.95 0.00	36.14 -6.28 0.00	27.49 -4.26 -0.26	27.86 -3.25 0.00	26.97 -3.47 0.00	27.98 -3.37 -0.01	25.36 -3.10 -1.59	32.77 -4.36 0.00	34.76 -5.08 0.00	30.95 -4.38 0.00	27.63 -3.87 0.00	26.34 -3.76 0.00	25.65 -3.59 0.00	22.20 -3.21 0.00
PACKARD___I15KV_DUPONT_I84 80571	30.88 -4.65 0.00	31.69 -4.65 0.00	36.99 -5.61 0.00	32.81 -4.98 0.00	27.18 -4.05 0.00	31.47 -4.55 0.00	30.91 -4.77 0.10	21.06 -4.66 4.71	26.53 -5.06 0.00	28.30 -5.24 0.00	37.70 -6.95 0.00	36.14 -6.28 0.00	27.49 -4.26 -0.26	27.86 -3.25 0.00	26.97 -3.47 0.00	27.98 -3.37 -0.01	25.36 -3.10 -1.59	32.77 -4.36 0.00	34.76 -5.08 0.00	30.95 -4.38 0.00	27.63 -3.87 0.00	26.34 -3.76 0.00	25.65 -3.59 0.00	22.20 -3.21 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	37.41 1.88 0.00	38.15 1.81 0.00	44.84 2.24 0.00	39.75 1.96 0.00	32.83 1.59 0.00	37.82 1.80 0.00	37.54 1.76 0.00	32.00 1.58 0.00	33.30 1.71 0.00	35.31 1.78 0.00	47.31 2.66 0.00	44.98 2.56 0.00	35.15 1.95 -1.71	33.00 1.90 0.00	32.31 1.87 -0.01	33.30 1.90 -0.05	38.86 1.68 -10.30	39.54 2.42 0.00	42.08 2.25 0.00	37.18 1.84 0.00	33.17 1.67 0.00	31.62 1.53 0.00	30.60 1.36 0.00	26.51 1.10 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	37.41 1.88 0.00	38.15 1.81 0.00	44.84 2.25 0.00	39.75 1.96 0.00	32.83 1.60 0.00	37.83 1.80 0.00	37.54 1.76 0.00	32.00 1.58 0.00	33.30 1.71 0.00	35.31 1.78 0.00	47.32 2.67 0.00	44.98 2.56 0.00	35.19 1.99 -1.71	33.06 1.95 0.00	32.34 1.90 -0.01	33.34 1.95 -0.05	38.91 1.73 -10.30	39.61 2.47 0.00	42.11 2.27 0.00	37.18 1.85 0.00	33.17 1.67 0.00	31.63 1.54 0.00	30.60 1.37 0.00	26.51 1.10 0.00
PATROON___I15KV_TB1 80586	37.03 1.49 0.00	37.78 1.44 0.00	44.32 1.72 0.00	39.34 1.55 0.00	32.53 1.29 0.00	37.52 1.49 0.00	37.27 1.49 0.00	31.73 1.30 0.00	32.97 1.38 0.00	34.97 1.43 0.00	46.41 1.76 0.00	43.87 1.45 0.00	34.74 1.13 -2.12	32.27 1.16 0.00	31.62 1.17 -0.01	32.57 1.16 -0.07	40.70 1.03 -12.79	38.65 1.52 0.00	41.23 1.40 0.00	36.48 1.15 0.00	32.58 1.08 0.00	31.09 0.99 0.00	30.11 0.88 0.00	26.16 0.76 0.00
PATTRSNVILLE___SOLAR 323815	36.82 1.29 0.00	37.60 1.26 0.00	44.08 1.48 0.00	39.11 1.32 0.00	32.33 1.09 0.00	37.30 1.28 0.00	37.04 1.27 0.00	31.55 1.12 0.00	32.78 1.19 0.00	34.81 1.27 0.00	46.31 1.67 0.00	44.02 1.60 0.00	34.87 1.15 -2.23	32.22 1.12 0.00	31.53 1.08 -0.01	32.65 1.24 -0.07	41.45 1.14 -13.45	38.76 1.63 0.00	41.43 1.59 0.00	36.68 1.34 0.00	32.70 1.21 0.00	31.19 1.10 0.00	30.25 1.01 0.00	26.25 0.84 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	32.53 -3.00 0.00	33.33 -3.01 0.00	38.94 -3.66 0.00	34.50 -3.29 0.00	28.59 -2.65 0.00	33.07 -2.95 0.00	32.46 -3.21 0.11	22.01 -3.24 5.18	28.02 -3.57 0.00	29.79 -3.74 0.00	39.70 -4.95 0.00	38.04 -4.38 0.00	28.88 -2.90 -0.29	29.14 -1.96 0.00	28.31 -2.13 0.00	29.34 -2.01 -0.01	26.70 -1.93 -1.76	34.58 -2.55 0.00	36.64 -3.20 0.00	32.49 -2.85 0.00	28.97 -2.53 0.00	27.59 -2.51 0.00	26.89 -2.35 0.00	23.28 -2.13 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	37.87 2.34 0.00	38.59 2.25 0.00	45.28 2.68 0.00	40.14 2.35 0.00	33.17 1.93 0.00	38.23 2.20 0.00	37.98 2.20 0.00	32.39 1.96 0.00	33.69 2.10 0.00	35.78 2.25 0.00	47.87 3.22 0.00	45.54 3.12 0.00	35.53 2.33 -1.71	33.39 2.29 0.00	32.69 2.25 -0.01	33.68 2.29 -0.05	39.21 2.03 -10.31	40.06 2.93 0.00	42.65 2.81 0.00	37.64 2.30 0.00	33.55 2.05 0.00	31.99 1.90 0.00	30.94 1.71 0.00	26.80 1.39 0.00
PEEKSKILL____ 23653	37.25 1.72 0.00	38.01 1.67 0.00	44.64 2.04 0.00	39.60 1.80 0.00	32.70 1.46 0.00	37.68 1.66 0.00	37.40 1.63 0.00	31.88 1.45 0.00	33.15 1.56 0.00	35.17 1.64 0.00	47.06 2.41 0.00	44.78 2.36 0.00	34.93 1.76 -1.68	32.84 1.73 0.00	32.15 1.70 -0.01	33.12 1.73 -0.05	38.54 1.53 -10.14	39.38 2.25 0.00	41.91 2.07 0.00	37.00 1.66 0.00	32.98 1.49 0.00	31.48 1.38 0.00	30.48 1.24 0.00	26.41 1.01 0.00

PGE MADISON___WINDPWR 24146	36.22 0.69 0.00	37.05 0.71 0.00	43.12 0.52 0.00	38.15 0.36 0.00	31.64 0.40 0.00	36.48 0.45 0.00	36.42 0.64 0.00	30.96 0.53 0.00	32.30 0.71 0.00	34.36 0.82 0.00	45.96 1.32 0.00	43.73 1.31 0.00	33.21 1.20 -0.52	32.97 1.86 0.00	32.13 1.69 0.00	33.33 1.97 -0.02	32.06 2.02 -3.16	40.03 2.90 0.00	42.75 2.91 0.00	37.62 2.28 0.00	33.55 2.05 0.00	31.76 1.67 0.00	30.80 1.57 0.00	26.60 1.20 0.00
PIERCEFIELD___HYD 23852	35.61 0.07 0.00	36.43 0.09 0.00	42.69 0.09 0.00	37.85 0.05 0.00	31.22 -0.01 0.00	35.87 -0.15 0.00	35.55 -0.23 0.00	30.44 0.01 0.00	31.41 -0.17 0.00	33.42 -0.12 0.00	44.35 -0.30 0.00	42.04 -0.38 0.00	30.90 -0.62 -0.03	28.85 -2.26 0.00	28.15 -2.29 0.00	28.80 -2.54 0.00	25.59 -1.51 -0.23	36.12 -1.01 0.00	39.14 -0.70 0.00	34.92 -0.41 0.00	31.05 -0.45 0.00	29.70 -0.39 0.00	29.24 0.00 0.00	25.53 0.13 0.00
PINELAWN_CC_1 323563	38.36 2.83 0.00	39.01 2.67 0.00	45.84 3.24 0.00	40.70 2.91 0.00	33.66 2.42 0.00	38.67 2.64 0.00	38.43 2.66 0.00	32.89 2.46 0.00	34.07 2.48 0.00	36.08 2.54 0.00	48.54 3.89 0.00	46.25 3.82 0.00	35.80 2.60 -1.71	33.72 2.61 0.00	33.08 2.64 -0.01	33.99 2.60 -0.05	39.43 2.26 -10.31	40.26 3.13 0.00	42.99 3.16 0.00	38.03 2.69 0.00	33.93 2.43 0.00	32.50 2.35 -0.05	31.31 2.07 0.00	27.10 1.69 0.00
PJM_GEN_HTP_PROXY 323702	37.40 1.87 0.00	38.13 1.78 0.00	44.78 2.18 0.00	39.71 1.92 0.00	32.80 1.56 0.00	37.79 1.77 0.00	37.53 1.76 0.00	32.00 1.57 0.00	33.27 1.68 0.00	35.31 1.78 0.00	47.29 2.64 0.00	45.02 2.60 0.00	35.14 1.94 -1.71	32.99 1.88 0.00	32.30 1.86 -0.01	33.27 1.88 -0.05	38.83 1.65 -10.30	38.73 2.38 0.79	42.84 2.23 -0.78	37.14 1.80 0.00	33.11 1.62 0.00	31.58 1.49 0.00	30.56 1.33 0.00	26.49 1.08 0.00
PJM_GEN_KEystone 24065	9.62 -0.70 25.21	14.10 -0.73 21.51	9.95 -0.80 31.84	25.16 -0.74 11.89	28.83 -0.60 1.81	28.48 -0.69 6.85	30.78 -0.85 4.14	25.42 -0.89 4.12	28.64 -0.93 2.01	32.53 -0.98 0.02	34.72 -1.20 8.72	35.52 -0.98 5.92	31.39 -0.61 -0.51	30.80 -0.26 0.05	30.07 -0.33 0.03	31.02 -0.30 0.01	32.71 -0.30 -6.14	37.40 -0.30 -0.57	39.89 -0.73 -0.78	30.71 -0.86 3.77	30.56 -0.72 0.21	28.85 -0.74 0.50	28.35 -0.67 0.22	23.41 -0.62 1.37
PJM_GEN_NEPTUNE_PROXY 323594	37.85 2.32 0.00	38.52 2.18 0.00	45.24 2.64 0.00	40.17 2.38 0.00	33.21 1.98 0.00	38.18 2.16 0.00	37.92 2.15 0.00	32.43 2.00 0.00	33.63 2.04 0.00	35.62 2.08 0.00	47.88 3.23 0.00	45.60 3.18 0.00	35.36 2.17 -1.71	33.27 2.16 0.00	32.64 2.19 -0.01	33.54 2.15 -0.05	39.03 1.85 -10.31	38.90 2.56 0.79	43.14 2.52 -0.78	37.48 2.14 0.00	33.45 1.95 0.00	32.02 1.88 -0.05	30.88 1.64 0.00	26.76 1.35 0.00
PJM_GEN_VFT_PROXY 323633	37.17 1.64 0.00	37.88 1.53 0.00	44.48 1.89 0.00	39.46 1.67 0.00	32.59 1.35 0.00	37.54 1.52 0.00	37.27 1.50 0.00	31.79 1.36 0.00	32.98 1.45 0.06	34.78 1.52 0.27	45.73 2.29 1.22	44.20 2.27 0.49	33.98 1.71 -0.77	32.37 1.63 0.37	31.48 1.61 0.57	32.36 1.63 0.61	38.29 1.44 -9.98	38.45 2.11 0.79	42.54 1.93 -0.78	35.80 1.53 1.07	29.99 1.37 2.87	30.57 1.26 0.78	29.45 1.09 0.88	25.99 0.89 0.31
PLATSBURG_115KV_PMLD1 355749	36.49 0.96 0.00	37.38 1.04 0.00	43.69 1.09 0.00	38.65 0.86 0.00	31.95 0.71 0.00	36.82 0.80 0.00	36.71 0.94 0.00	31.25 0.82 0.00	32.37 0.78 0.00	34.38 0.84 0.00	45.77 1.12 0.00	43.46 1.04 0.00	32.03 0.54 0.00	29.92 -1.19 0.00	29.14 -1.30 0.00	29.84 -1.50 0.00	26.25 -0.62 0.00	37.37 0.24 0.00	40.31 0.48 0.00	36.03 0.69 0.00	31.96 0.46 0.00	30.58 0.48 0.00	29.74 0.51 0.00	25.97 0.56 0.00
PLEASANTVLY___LBMP 24000	37.24 1.71 0.00	37.97 1.63 0.00	44.58 1.98 0.00	39.54 1.74 0.00	32.66 1.43 0.00	37.64 1.62 0.00	37.36 1.58 0.00	31.84 1.42 0.00	33.10 1.51 0.00	35.13 1.59 0.00	46.96 2.32 0.00	44.66 2.24 0.00	34.95 1.68 -1.78	32.76 1.65 0.00	32.08 1.63 -0.01	33.04 1.65 -0.06	39.07 1.46 -10.73	39.25 2.12 0.00	41.81 1.98 0.00	36.93 1.59 0.00	32.94 1.44 0.00	31.43 1.34 0.00	30.42 1.19 0.00	26.39 0.98 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	37.43 1.90 0.00	38.15 1.81 0.00	44.81 2.21 0.00	39.73 1.94 0.00	32.82 1.58 0.00	37.83 1.80 0.00	37.55 1.77 0.00	32.01 1.58 0.00	33.29 1.70 0.00	35.33 1.80 0.00	47.29 2.64 0.00	44.98 2.56 0.00	35.11 1.90 -1.72	32.98 1.87 0.00	32.29 1.84 -0.01	33.25 1.86 -0.05	38.85 1.64 -10.35	39.50 2.37 0.00	42.06 2.23 0.00	37.14 1.81 0.00	33.12 1.62 0.00	31.59 1.50 0.00	30.58 1.35 0.00	26.50 1.10 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	37.43 1.90 0.00	38.15 1.81 0.00	44.81 2.21 0.00	39.73 1.94 0.00	32.82 1.58 0.00	37.83 1.80 0.00	37.55 1.77 0.00	32.01 1.58 0.00	33.29 1.70 0.00	35.33 1.80 0.00	47.29 2.64 0.00	44.98 2.56 0.00	35.11 1.90 -1.72	32.98 1.87 0.00	32.29 1.84 -0.01	33.25 1.86 -0.05	38.85 1.64 -10.35	39.50 2.37 0.00	42.06 2.23 0.00	37.14 1.81 0.00	33.12 1.62 0.00	31.59 1.50 0.00	30.58 1.35 0.00	26.50 1.10 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	37.72 2.19 0.00	38.44 2.10 0.00	45.10 2.51 0.00	39.97 2.18 0.00	33.03 1.80 0.00	38.08 2.06 0.00	37.81 2.03 0.00	32.24 1.81 0.00	33.54 1.95 0.00	35.63 2.09 0.00	47.62 2.97 0.00	45.29 2.87 0.00	35.35 2.13 -1.72	33.21 2.10 0.00	32.51 2.06 -0.01	33.51 2.11 -0.05	39.15 1.89 -10.39	39.86 2.73 0.00	42.46 2.63 0.00	37.48 2.15 0.00	33.41 1.91 0.00	31.86 1.77 0.00	30.83 1.60 0.00	26.71 1.30 0.00
POLETTI___ 23519	37.26 1.73 0.00	37.98 1.64 0.00	44.64 2.04 0.00	39.59 1.80 0.00	32.70 1.46 0.00	37.67 1.65 0.00	37.40 1.63 0.00	31.88 1.45 0.00	33.14 1.55 0.00	35.15 1.62 0.00	47.12 2.47 0.00	44.87 2.45 0.00	35.07 1.87 -1.71	32.86 1.75 0.00	32.18 1.73 -0.01	33.14 1.75 -0.05	38.71 1.54 -10.30	39.35 2.22 0.00	41.88 2.05 0.00	36.98 1.64 0.00	32.97 1.47 0.00	31.46 1.37 0.00	30.45 1.21 0.00	26.38 0.98 0.00
POMONA___ESR 323819	36.97 1.44 0.00	37.81 1.47 0.00	44.45 1.85 0.00	39.44 1.65 0.00	32.57 1.33 0.00	37.52 1.49 0.00	37.24 1.46 0.00	31.72 1.29 0.00	32.98 1.39 0.00	34.99 1.46 0.00	46.80 2.15 0.00	44.52 2.10 0.00	34.63 1.57 -1.57	32.67 1.57 0.00	31.98 1.54 0.00	32.95 1.56 -0.05	37.73 1.39 -9.47	39.22 2.09 0.00	41.73 1.89 0.00	36.81 1.47 0.00	32.79 1.30 0.00	31.36 1.27 0.00	30.45 1.21 0.00	26.39 0.98 0.00
PORT_JEFF_3 23555	38.76 3.23 0.00	39.36 3.03 0.00	46.22 3.62 0.00	41.06 3.26 0.00	33.99 2.75 0.00	39.04 3.02 0.00	38.78 3.00 0.00	33.24 2.81 0.00	34.43 2.84 0.00	36.38 2.84 0.00	49.01 4.37 0.00	46.69 4.27 0.00	36.05 2.85 -1.71	33.97 2.86 0.00	33.43 2.99 -0.01	34.31 2.91 -0.05	39.66 2.49 -10.31	40.59 3.46 0.00	43.36 3.53 0.00	38.35 3.02 0.00	34.22 2.72 0.00	32.79 2.65 -0.05	31.56 2.32 0.00	27.28 1.87 0.00

PORT_JEFF_4 23616	38.76 3.23 0.00	39.36 3.03 0.00	46.22 3.62 0.00	41.06 3.26 0.00	33.99 2.75 0.00	39.04 3.02 0.00	38.78 3.00 0.00	33.24 2.81 0.00	34.43 2.84 0.00	36.38 2.84 0.00	49.01 4.37 0.00	46.69 4.27 0.00	36.05 2.85 -1.71	33.97 2.86 0.00	33.43 2.99 -0.01	34.31 2.91 -0.05	39.66 2.49 -10.31	40.59 3.46 0.00	43.36 3.53 0.00	38.35 3.02 0.00	34.22 2.72 0.00	32.79 2.65 -0.05	31.56 2.32 0.00	27.28 1.87 0.00
PORT_JEFF_IC 23713	38.78 3.25 0.00	39.38 3.04 0.00	46.23 3.64 0.00	41.06 3.27 0.00	34.00 2.77 0.00	39.06 3.04 0.00	38.80 3.02 0.00	33.27 2.84 0.00	34.46 2.87 0.00	36.40 2.87 0.00	49.06 4.41 0.00	46.74 4.32 0.00	36.08 2.88 -1.71	33.98 2.87 0.00	33.48 3.03 -0.01	34.34 2.95 -0.05	39.69 2.52 -10.31	40.63 3.50 0.00	43.41 3.58 0.00	38.40 3.07 0.00	34.25 2.76 0.00	32.82 2.68 -0.05	31.59 2.35 0.00	27.29 1.89 0.00
PPL PILGRIM_ST_GT1 24216	38.76 3.23 0.00	39.39 3.05 0.00	46.27 3.67 0.00	41.11 3.32 0.00	34.01 2.77 0.00	39.07 3.05 0.00	38.81 3.03 0.00	33.24 2.81 0.00	34.43 2.84 0.00	36.41 2.87 0.00	49.00 4.35 0.00	46.70 4.28 0.00	36.10 2.90 -1.71	34.02 2.91 0.00	33.43 2.98 -0.01	34.34 2.94 -0.05	39.70 2.52 -10.31	40.61 3.48 0.00	43.40 3.57 0.00	38.41 3.07 0.00	34.26 2.77 0.00	32.82 2.67 -0.05	31.60 2.36 0.00	27.33 1.93 0.00
PPL PILGRIM_ST_GT2 24217	38.76 3.23 0.00	39.39 3.05 0.00	46.27 3.67 0.00	41.11 3.32 0.00	34.01 2.77 0.00	39.07 3.05 0.00	38.81 3.03 0.00	33.24 2.81 0.00	34.43 2.84 0.00	36.41 2.87 0.00	49.00 4.35 0.00	46.70 4.28 0.00	36.10 2.90 -1.71	34.02 2.91 0.00	33.43 2.98 -0.01	34.34 2.94 -0.05	39.70 2.52 -10.31	40.61 3.48 0.00	43.40 3.57 0.00	38.41 3.07 0.00	34.26 2.77 0.00	32.82 2.67 -0.05	31.60 2.36 0.00	27.33 1.93 0.00
PPL_SHRM_GT3 24213	39.07 3.54 0.00	39.64 3.30 0.00	46.53 3.94 0.00	41.35 3.56 0.00	34.25 3.02 0.00	39.37 3.35 0.00	39.10 3.32 0.00	33.55 3.12 0.00	34.73 3.14 0.00	36.62 3.08 0.00	49.40 4.75 0.00	47.01 4.59 0.00	36.08 2.88 -1.71	34.00 2.89 0.00	33.65 3.21 -0.01	34.48 3.08 -0.05	39.80 2.62 -10.31	40.80 3.67 0.00	43.61 3.78 0.00	38.57 3.23 0.00	34.41 2.91 0.00	32.99 2.85 -0.05	31.68 2.45 0.00	27.35 1.94 0.00
PPL_SHRM_GT4 24214	39.07 3.54 0.00	39.64 3.30 0.00	46.53 3.94 0.00	41.35 3.56 0.00	34.25 3.02 0.00	39.37 3.35 0.00	39.10 3.32 0.00	33.55 3.12 0.00	34.73 3.14 0.00	36.62 3.08 0.00	49.40 4.75 0.00	47.01 4.59 0.00	36.08 2.88 -1.71	34.00 2.89 0.00	33.65 3.21 -0.01	34.48 3.08 -0.05	39.80 2.62 -10.31	40.80 3.67 0.00	43.61 3.78 0.00	38.57 3.23 0.00	34.41 2.91 0.00	32.99 2.85 -0.05	31.68 2.45 0.00	27.35 1.94 0.00
PROJECT___ORANGE 1 24174	34.47 -1.06 0.00	35.22 -1.12 0.00	41.27 -1.33 0.00	36.61 -1.18 0.00	30.33 -0.91 0.00	34.99 -1.03 0.00	34.72 -1.06 0.00	29.51 -0.92 0.00	30.63 -0.95 0.00	32.49 -1.04 0.00	43.23 -1.41 0.00	41.08 -1.34 0.00	30.75 -0.89 -0.15	30.52 -0.59 0.00	29.86 -0.58 0.00	30.77 -0.58 0.00	27.33 -0.46 -0.92	36.46 -0.68 0.00	38.93 -0.91 0.00	34.45 -0.89 0.00	30.73 -0.77 0.00	29.32 -0.77 0.00	28.47 -0.76 0.00	24.74 -0.67 0.00
PROJECT___ORANGE 2 24166	34.47 -1.06 0.00	35.22 -1.12 0.00	41.27 -1.33 0.00	36.61 -1.18 0.00	30.33 -0.91 0.00	34.99 -1.03 0.00	34.72 -1.06 0.00	29.51 -0.92 0.00	30.63 -0.95 0.00	32.49 -1.04 0.00	43.23 -1.41 0.00	41.08 -1.34 0.00	30.75 -0.89 -0.15	30.52 -0.59 0.00	29.86 -0.58 0.00	30.77 -0.58 0.00	27.33 -0.46 -0.92	36.46 -0.68 0.00	38.93 -0.91 0.00	34.45 -0.89 0.00	30.73 -0.77 0.00	29.32 -0.77 0.00	28.47 -0.76 0.00	24.74 -0.67 0.00
PUCKETT___SOLAR 323809	35.25 -0.28 0.00	35.97 -0.36 0.00	42.11 -0.49 0.00	37.38 -0.41 0.00	30.94 -0.29 0.00	35.66 -0.36 0.00	35.34 -0.43 0.00	30.02 -0.41 0.00	31.22 -0.37 0.00	33.17 -0.37 0.00	44.24 -0.41 0.00	42.12 -0.30 0.00	31.91 -0.14 -0.56	31.39 0.28 0.00	30.62 0.17 0.00	31.65 0.29 -0.02	30.61 0.36 -3.39	37.72 0.59 0.00	40.22 0.38 0.00	35.45 0.12 0.00	31.67 0.17 0.00	30.11 0.01 0.00	29.21 -0.02 0.00	25.38 -0.03 0.00
PYRITES___HYD 24023	36.38 0.85 0.00	37.22 0.88 0.00	43.61 1.01 0.00	38.65 0.86 0.00	31.89 0.65 0.00	36.70 0.67 0.00	36.43 0.66 0.00	31.20 0.76 0.00	32.20 0.61 0.00	34.23 0.70 0.00	45.43 0.79 0.00	43.07 0.65 0.00	31.61 0.09 -0.03	29.48 -1.63 0.00	28.71 -1.74 0.00	29.43 -1.91 0.00	26.19 -0.89 -0.22	37.07 -0.06 0.00	40.20 0.37 0.00	35.88 0.55 0.00	31.89 0.39 0.00	30.45 0.36 0.00	29.92 0.69 0.00	26.09 0.68 0.00
QUAKERRD_115KV_BK1 80622	32.76 -2.77 0.00	33.54 -2.80 0.00	39.23 -3.37 0.00	34.79 -3.00 0.00	28.81 -2.43 0.00	33.30 -2.73 0.00	32.96 -2.82 0.00	27.75 -2.68 0.00	28.76 -2.83 0.00	30.52 -3.02 0.00	40.60 -4.05 0.00	38.72 -3.70 0.00	29.13 -2.56 -0.20	29.10 -2.01 0.00	28.35 -2.08 0.00	29.34 -2.01 -0.01	26.35 -1.74 -1.22	34.70 -2.43 0.00	36.94 -2.89 0.00	32.77 -2.57 0.00	29.20 -2.30 0.00	27.85 -2.24 0.00	27.06 -2.18 0.00	23.46 -1.95 0.00
QUENSBRY_115KV_TB8 356137	37.37 1.84 0.00	38.17 1.83 0.00	44.67 2.07 0.00	39.70 1.91 0.00	32.82 1.59 0.00	37.83 1.81 0.00	37.72 1.94 0.00	32.18 1.75 0.00	33.43 1.84 0.00	35.50 1.97 0.00	47.16 2.51 0.00	44.84 2.42 0.00	35.43 1.77 -2.17	32.92 1.82 0.00	32.20 1.75 -0.01	33.25 1.85 -0.07	41.67 1.71 -13.09	39.63 2.50 0.00	42.33 2.50 0.00	37.39 2.06 0.00	33.29 1.79 0.00	31.65 1.55 0.00	30.63 1.39 0.00	26.58 1.18 0.00
RAMAPO___LBMP 323565	36.93 1.40 0.00	37.73 1.38 0.00	44.34 1.74 0.00	39.33 1.54 0.00	32.47 1.24 0.00	37.41 1.39 0.00	37.13 1.36 0.00	31.64 1.21 0.00	32.89 1.30 0.00	34.89 1.36 0.00	46.67 2.02 0.00	44.40 1.98 0.00	34.54 1.48 -1.57	32.57 1.47 0.00	31.89 1.44 0.00	32.85 1.46 -0.05	37.67 1.31 -9.49	39.11 1.98 0.00	41.60 1.76 0.00	36.70 1.37 0.00	32.70 1.20 0.00	31.26 1.17 0.00	30.33 1.10 0.00	26.30 0.89 0.00
RANKINE____ 23646	31.99 -3.54 0.00	32.79 -3.55 0.00	38.29 -4.31 0.00	33.93 -3.86 0.00	28.11 -3.13 0.00	32.54 -3.49 0.00	31.89 -3.75 0.13	20.55 -3.75 6.12	27.50 -4.09 0.00	29.24 -4.29 0.00	38.96 -5.69 0.00	37.36 -5.06 0.00	28.40 -3.37 -0.28	28.69 -2.41 0.00	27.87 -2.57 0.00	28.92 -2.43 -0.01	26.34 -2.25 -1.72	34.09 -3.04 0.00	36.11 -3.73 0.00	32.07 -3.27 0.00	28.58 -2.92 0.00	27.21 -2.88 0.00	26.52 -2.72 0.00	22.95 -2.46 0.00
RAVENSWOOD_GT2_1 24244	37.43 1.90 0.00	38.15 1.81 0.00	44.82 2.22 0.00	39.74 1.95 0.00	32.82 1.58 0.00	37.82 1.80 0.00	37.54 1.77 0.00	32.02 1.59 0.00	33.28 1.70 0.00	35.32 1.79 0.00	47.32 2.67 0.00	45.03 2.61 0.00	35.16 1.97 -1.71	33.00 1.90 0.00	32.32 1.88 -0.01	33.29 1.89 -0.05	38.84 1.67 -10.30	39.53 2.40 0.00	42.08 2.24 0.00	37.15 1.81 0.00	33.13 1.63 0.00	31.60 1.51 0.00	30.58 1.35 0.00	26.51 1.11 0.00

RAVENSWOOD_GT2_2 24245	37.43 1.90 0.00	38.15 1.81 0.00	44.82 2.22 0.00	39.74 1.95 0.00	32.82 1.58 0.00	37.82 1.80 0.00	37.54 1.77 0.00	32.02 1.59 0.00	33.28 1.70 0.00	35.32 1.79 0.00	47.32 2.67 0.00	45.03 2.61 0.00	35.16 1.97 -1.71	33.00 1.90 0.00	32.32 1.88 -0.01	33.29 1.89 -0.05	38.84 1.67 -10.30	39.53 2.40 0.00	42.08 2.24 0.00	37.15 1.81 0.00	33.13 1.63 0.00	31.60 1.51 0.00	30.58 1.35 0.00	26.51 1.11 0.00
RAVENSWOOD_GT2_3 24246	37.45 1.92 0.00	38.16 1.82 0.00	44.82 2.22 0.00	39.75 1.96 0.00	32.83 1.59 0.00	37.83 1.81 0.00	37.56 1.78 0.00	32.02 1.60 0.00	33.30 1.71 0.00	35.34 1.81 0.00	47.33 2.68 0.00	45.05 2.63 0.00	35.18 1.98 -1.71	33.01 1.91 0.00	32.33 1.88 -0.01	33.31 1.91 -0.05	38.85 1.68 -10.30	39.55 2.42 0.00	42.10 2.26 0.00	37.17 1.84 0.00	33.15 1.65 0.00	31.62 1.52 0.00	30.59 1.36 0.00	26.52 1.11 0.00
RAVENSWOOD_GT2_4 24247	37.45 1.92 0.00	38.16 1.82 0.00	44.82 2.22 0.00	39.75 1.96 0.00	32.83 1.59 0.00	37.83 1.81 0.00	37.56 1.78 0.00	32.02 1.60 0.00	33.30 1.71 0.00	35.34 1.81 0.00	47.33 2.68 0.00	45.05 2.63 0.00	35.18 1.98 -1.71	33.01 1.91 0.00	32.33 1.88 -0.01	33.31 1.91 -0.05	38.85 1.68 -10.30	39.55 2.42 0.00	42.10 2.26 0.00	37.17 1.84 0.00	33.15 1.65 0.00	31.62 1.52 0.00	30.59 1.36 0.00	26.52 1.11 0.00
RAVENSWOOD_GT3_1 24248	37.43 1.90 0.00	38.15 1.82 0.00	44.82 2.22 0.00	39.74 1.95 0.00	32.82 1.58 0.00	37.82 1.80 0.00	37.54 1.77 0.00	32.02 1.59 0.00	33.28 1.70 0.00	35.32 1.79 0.00	47.32 2.67 0.00	45.03 2.61 0.00	35.16 1.97 -1.71	33.00 1.90 0.00	32.32 1.88 -0.01	33.29 1.89 -0.05	38.84 1.67 -10.30	39.53 2.40 0.00	42.08 2.24 0.00	37.15 1.81 0.00	33.13 1.63 0.00	31.60 1.51 0.00	30.58 1.35 0.00	26.51 1.11 0.00
RAVENSWOOD_GT3_2 24249	37.43 1.90 0.00	38.15 1.82 0.00	44.82 2.22 0.00	39.74 1.95 0.00	32.82 1.58 0.00	37.82 1.80 0.00	37.54 1.77 0.00	32.02 1.59 0.00	33.28 1.70 0.00	35.32 1.79 0.00	47.32 2.67 0.00	45.03 2.61 0.00	35.16 1.97 -1.71	33.00 1.90 0.00	32.32 1.88 -0.01	33.29 1.89 -0.05	38.84 1.67 -10.30	39.53 2.40 0.00	42.08 2.24 0.00	37.15 1.81 0.00	33.13 1.63 0.00	31.60 1.51 0.00	30.58 1.35 0.00	26.51 1.11 0.00
RAVENSWOOD_GT3_3 24250	37.48 1.95 0.00	38.20 1.86 0.00	44.86 2.26 0.00	39.79 2.00 0.00	32.86 1.62 0.00	37.87 1.85 0.00	37.59 1.82 0.00	32.06 1.63 0.00	33.33 1.74 0.00	35.38 1.84 0.00	47.38 2.74 0.00	45.10 2.68 0.00	35.21 2.01 -1.71	33.05 1.94 0.00	32.36 1.92 -0.01	33.34 1.94 -0.05	38.89 1.71 -10.30	39.59 2.46 0.00	42.14 2.30 0.00	37.21 1.87 0.00	33.18 1.68 0.00	31.65 1.55 0.00	30.62 1.39 0.00	26.54 1.14 0.00
RAVENSWOOD_GT3_4 24251	37.48 1.95 0.00	38.20 1.86 0.00	44.86 2.26 0.00	39.79 2.00 0.00	32.86 1.62 0.00	37.87 1.85 0.00	37.59 1.82 0.00	32.06 1.63 0.00	33.33 1.74 0.00	35.38 1.84 0.00	47.38 2.74 0.00	45.10 2.68 0.00	35.21 2.01 -1.71	33.05 1.94 0.00	32.36 1.92 -0.01	33.34 1.94 -0.05	38.89 1.71 -10.30	39.59 2.46 0.00	42.14 2.30 0.00	37.21 1.87 0.00	33.18 1.68 0.00	31.65 1.55 0.00	30.62 1.39 0.00	26.54 1.14 0.00
RAVENSWOOD_GT_1 23729	41.97 2.03 -4.41	41.63 1.96 -3.33	46.89 2.37 -1.91	42.86 2.09 -2.99	37.40 1.71 -4.45	41.34 1.92 -3.40	41.06 1.88 -3.40	36.69 1.69 -4.57	37.74 1.82 -4.33	39.42 1.91 -3.97	59.21 2.86 -11.70	47.18 2.77 -1.99	40.00 2.09 -6.42	36.08 2.02 -2.96	35.56 1.99 -3.13	36.35 2.01 -3.00	40.99 1.76 -12.36	41.26 2.52 -1.61	48.81 2.35 -6.62	49.42 1.92 -12.16	44.76 1.73 -11.54	44.67 1.62 -12.96	34.77 1.46 -4.08	30.75 1.20 -4.14
RAVENSWOOD_GT_10 24258	37.94 1.90 -0.51	38.53 1.81 -0.38	45.03 2.21 -0.22	40.08 1.94 -0.34	33.34 1.58 -0.51	38.21 1.79 -0.39	37.93 1.76 -0.39	32.55 1.59 -0.52	33.79 1.69 -0.50	35.78 1.79 -0.46	48.65 2.66 -1.35	45.26 2.61 -0.23	35.71 1.97 -2.25	33.35 1.90 -0.34	32.67 1.87 -0.37	33.62 1.88 -0.39	39.08 1.67 -10.54	39.71 2.40 -0.18	42.84 2.24 -0.76	38.55 1.81 -1.40	34.46 1.63 -1.33	33.09 1.51 -1.49	31.05 1.34 -0.47	26.99 1.11 -0.48
RAVENSWOOD_GT_11 24259	37.94 1.90 -0.51	38.53 1.81 -0.38	45.03 2.21 -0.22	40.08 1.94 -0.34	33.34 1.58 -0.51	38.21 1.79 -0.39	37.93 1.76 -0.39	32.55 1.59 -0.52	33.79 1.69 -0.50	35.78 1.79 -0.46	48.65 2.66 -1.35	45.26 2.61 -0.23	35.71 1.97 -2.25	33.35 1.90 -0.34	32.67 1.87 -0.37	33.62 1.88 -0.39	39.08 1.67 -10.54	39.71 2.40 -0.18	42.84 2.24 -0.76	38.55 1.81 -1.40	34.46 1.63 -1.33	33.09 1.51 -1.49	31.05 1.34 -0.47	26.99 1.11 -0.48
RAVENSWOOD_GT_4 24252	40.78 1.89 -3.36	40.67 1.80 -2.54	46.25 2.20 -1.46	41.99 1.93 -2.27	36.21 1.58 -3.39	40.39 1.79 -2.59	40.12 1.76 -2.59	35.49 1.58 -3.48	36.58 1.69 -3.30	38.34 1.78 -3.02	56.20 2.65 -8.91	46.53 2.60 -1.51	38.75 1.96 -5.29	35.24 1.89 -2.25	34.68 1.86 -2.38	35.52 1.88 -2.30	40.40 1.66 -11.87	40.75 2.39 -1.22	47.11 2.23 -5.04	46.40 1.81 -9.26	41.90 1.62 -8.78	41.46 1.50 -9.86	33.67 1.33 -3.10	29.64 1.09 -3.15
RAVENSWOOD_GT_5 24254	40.78 1.89 -3.36	40.67 1.80 -2.54	46.25 2.20 -1.46	41.99 1.93 -2.27	36.21 1.58 -3.39	40.39 1.79 -2.59	40.12 1.76 -2.59	35.49 1.58 -3.48	36.58 1.69 -3.30	38.34 1.78 -3.02	56.20 2.65 -8.91	46.53 2.60 -1.51	38.75 1.96 -5.29	35.24 1.89 -2.25	34.68 1.86 -2.38	35.52 1.88 -2.30	40.40 1.66 -11.87	40.75 2.39 -1.22	47.11 2.23 -5.04	46.40 1.81 -9.26	41.90 1.62 -8.78	41.46 1.50 -9.86	33.67 1.33 -3.10	29.64 1.09 -3.15
RAVENSWOOD_GT_6 24253	40.78 1.89 -3.36	40.67 1.80 -2.54	46.25 2.20 -1.46	41.99 1.93 -2.27	36.21 1.58 -3.39	40.39 1.79 -2.59	40.12 1.76 -2.59	35.49 1.58 -3.48	36.58 1.69 -3.30	38.34 1.78 -3.02	56.20 2.65 -8.91	46.53 2.60 -1.51	38.75 1.96 -5.29	35.24 1.89 -2.25	34.68 1.86 -2.38	35.52 1.88 -2.30	40.40 1.66 -11.87	40.75 2.39 -1.22	47.11 2.23 -5.04	46.40 1.81 -9.26	41.90 1.62 -8.78	41.46 1.50 -9.86	33.67 1.33 -3.10	29.64 1.09 -3.15
RAVENSWOOD_GT_7 24255	40.78 1.89 -3.36	40.67 1.80 -2.54	46.25 2.20 -1.46	41.99 1.93 -2.27	36.21 1.58 -3.39	40.39 1.79 -2.59	40.12 1.76 -2.59	35.49 1.58 -3.48	36.58 1.69 -3.30	38.34 1.78 -3.02	56.20 2.65 -8.91	46.53 2.60 -1.51	38.75 1.96 -5.29	35.24 1.89 -2.25	34.68 1.86 -2.38	35.52 1.88 -2.30	40.40 1.66 -11.87	40.75 2.39 -1.22	47.11 2.23 -5.04	46.40 1.81 -9.26	41.90 1.62 -8.78	41.46 1.50 -9.86	33.67 1.33 -3.10	29.64 1.09 -3.15
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	37.94 1.90 -0.51	38.53 1.81 -0.38	45.03 2.21 -0.22	40.08 1.94 -0.34	33.34 1.58 -0.51	38.21 1.79 -0.39	37.93 1.76 -0.39	32.55 1.59 -0.52	33.79 1.69 -0.50	35.78 1.79 -0.46	48.65 2.66 -1.35	45.26 2.61 -0.23	35.71 1.97 -2.25	33.35 1.90 -0.34	32.67 1.87 -0.37	33.62 1.88 -0.39	39.08 1.67 -10.54	39.71 2.40 -0.18	42.84 2.24 -0.76	38.55 1.81 -1.40	34.46 1.63 -1.33	33.09 1.51 -1.49	31.05 1.34 -0.47	26.99 1.11 -0.48

RAVENSWOOD_GT_9 24257	37.94 1.90 -0.51	38.53 1.81 -0.38	45.03 2.21 -0.22	40.08 1.94 -0.34	33.34 1.58 -0.51	38.21 1.79 -0.39	37.93 1.76 -0.39	32.55 1.59 -0.52	33.79 1.69 -0.50	35.78 1.79 -0.46	48.65 2.66 -1.35	45.26 2.61 -0.23	35.71 1.97 -2.25	33.35 1.90 -0.34	32.67 1.87 -0.37	33.62 1.88 -0.39	39.08 1.67 -10.54	39.71 2.40 -0.18	42.84 2.24 -0.76	38.55 1.81 -1.40	34.46 1.63 -1.33	33.09 1.51 -1.49	31.05 1.34 -0.47	26.99 1.11 -0.48
RAVENSWOOD___1 23533	33.17 1.98 4.34	34.96 1.90 3.28	43.02 2.31 1.89	36.88 2.03 2.94	28.50 1.65 4.39	34.54 1.87 3.35	34.26 1.83 3.35	27.58 1.64 4.50	29.09 1.77 4.27	31.48 1.86 3.91	35.89 2.77 11.52	43.16 2.70 1.96	30.59 2.04 2.93	30.16 1.97 2.91	29.32 1.94 3.07	30.46 1.96 2.84	36.87 1.72 -8.28	38.02 2.47 1.58	35.62 2.30 6.52	25.24 1.88 11.97	21.83 1.69 11.36	18.91 1.58 12.76	26.63 1.41 4.01	22.51 1.17 4.07
RAVENSWOOD___2 23534	33.17 1.98 4.34	34.96 1.90 3.28	43.02 2.31 1.89	36.88 2.03 2.94	28.50 1.65 4.39	34.54 1.87 3.35	34.26 1.83 3.35	27.58 1.64 4.50	29.09 1.77 4.27	31.48 1.86 3.91	35.89 2.77 11.52	43.16 2.70 1.96	30.59 2.04 2.93	30.16 1.97 2.91	29.32 1.94 3.07	30.46 1.96 2.84	36.87 1.72 -8.28	38.02 2.47 1.58	35.62 2.30 6.52	25.24 1.88 11.97	21.83 1.69 11.36	18.91 1.58 12.76	26.63 1.41 4.01	22.51 1.17 4.07
RAVENSWOOD___3 23535	37.43 1.90 0.00	38.16 1.82 0.00	44.81 2.22 0.00	39.74 1.95 0.00	32.82 1.59 0.00	37.82 1.80 0.00	37.54 1.77 0.00	32.01 1.58 0.00	33.29 1.70 0.00	35.32 1.79 0.00	47.32 2.67 0.00	45.04 2.62 0.00	35.17 1.97 -1.71	33.01 1.90 0.00	32.32 1.88 -0.01	33.29 1.90 -0.05	38.85 1.67 -10.30	39.54 2.41 0.00	42.08 2.24 0.00	37.15 1.81 0.00	33.13 1.63 0.00	31.60 1.51 0.00	30.58 1.35 0.00	26.51 1.10 0.00
RAVENSWOOD___4 23820	33.17 1.98 4.34	34.96 1.90 3.28	43.02 2.31 1.89	36.88 2.03 2.94	28.50 1.65 4.39	34.54 1.87 3.35	34.26 1.83 3.35	27.58 1.64 4.50	29.09 1.77 4.27	31.48 1.86 3.91	35.89 2.77 11.52	43.16 2.70 1.96	30.59 2.04 2.93	30.16 1.97 2.91	29.32 1.94 3.07	30.46 1.96 2.84	36.87 1.72 -8.28	38.02 2.47 1.58	35.62 2.30 6.52	25.24 1.88 11.97	21.83 1.69 11.36	18.91 1.58 12.76	26.63 1.41 4.01	22.51 1.17 4.07
RCPL_TRUST___DRP 24196	37.43 1.90 0.00	38.15 1.81 0.00	44.81 2.21 0.00	39.73 1.94 0.00	32.82 1.58 0.00	37.83 1.80 0.00	37.55 1.78 0.00	32.02 1.60 0.00	33.30 1.71 0.00	35.34 1.81 0.00	47.33 2.68 0.00	45.05 2.63 0.00	35.17 1.98 -1.71	33.01 1.90 0.00	32.33 1.88 -0.01	33.30 1.90 -0.05	38.85 1.68 -10.30	39.55 2.42 0.00	42.09 2.26 0.00	37.16 1.83 0.00	33.14 1.64 0.00	31.61 1.52 0.00	30.59 1.35 0.00	26.51 1.11 0.00
RED___ROCHESTER 323720	33.34 -2.19 0.00	34.13 -2.21 0.00	39.90 -2.70 0.00	35.37 -2.42 0.00	29.29 -1.95 0.00	33.86 -2.16 0.00	33.50 -2.28 0.00	28.18 -2.25 0.00	29.16 -2.43 0.00	30.94 -2.59 0.00	41.21 -3.44 0.00	39.32 -3.10 0.00	29.60 -2.09 -0.21	29.66 -1.45 0.00	28.87 -1.57 0.00	29.89 -1.45 -0.01	26.86 -1.27 -1.27	35.40 -1.73 0.00	37.65 -2.19 0.00	33.39 -1.94 0.00	29.75 -1.75 0.00	28.36 -1.73 0.00	27.56 -1.68 0.00	23.85 -1.55 0.00
REGAN___SOLAR 323812	37.69 2.16 0.00	38.45 2.11 0.00	45.03 2.43 0.00	39.97 2.17 0.00	33.03 1.80 0.00	38.16 2.14 0.00	37.89 2.11 0.00	32.31 1.88 0.00	33.57 1.98 0.00	35.71 2.18 0.00	47.49 2.84 0.00	45.16 2.74 0.00	35.58 1.77 -2.32	32.81 1.70 0.00	32.07 1.62 -0.01	33.52 2.10 -0.07	42.84 1.96 -14.01	39.90 2.77 0.00	42.69 2.26 0.00	37.77 2.43 0.00	33.66 2.16 0.00	32.05 1.96 0.00	31.07 1.83 0.00	26.93 1.52 0.00
RENSSELAER___COGEN 23796	36.84 1.31 0.00	37.59 1.25 0.00	44.11 1.51 0.00	39.17 1.38 0.00	32.37 1.14 0.00	37.34 1.31 0.00	37.08 1.30 0.00	31.57 1.14 0.00	32.80 1.21 0.00	34.77 1.23 0.00	46.16 1.51 0.00	43.61 1.19 0.00	34.53 0.94 -2.10	32.07 0.96 0.00	31.43 0.98 -0.01	32.37 0.96 -0.07	40.39 0.85 -12.67	38.41 1.28 0.00	40.97 1.14 0.00	36.26 0.92 0.00	32.39 0.89 0.00	30.91 0.82 0.00	29.95 0.72 0.00	26.03 0.63 0.00
REPUBLIC_115KV_BARTNBRK 55605	38.98 3.45 0.00	39.95 3.61 0.00	46.60 4.00 0.00	41.39 3.60 0.00	34.31 3.08 0.00	39.63 3.61 0.00	39.45 3.67 0.00	33.69 3.26 0.00	34.88 3.29 0.00	36.91 3.38 0.00	48.88 4.23 0.00	46.55 4.13 0.00	36.58 2.93 -2.17	34.17 3.06 0.00	33.43 2.99 -0.01	34.52 3.11 -0.07	42.86 2.91 -13.08	41.40 4.27 0.00	44.29 4.46 0.00	39.06 3.72 0.00	34.72 3.22 0.00	32.88 2.78 0.00	31.78 2.54 0.00	27.66 2.26 0.00
REVERE_CPPR_DRP 24186	36.50 0.97 0.00	37.27 0.93 0.00	43.75 1.15 0.00	38.80 1.01 0.00	32.11 0.87 0.00	37.05 1.03 0.00	36.81 1.03 0.00	31.37 0.95 0.00	32.66 1.07 0.00	34.66 1.13 0.00	46.00 1.35 0.00	43.55 1.13 0.00	32.31 0.74 -0.08	31.93 0.83 0.00	31.38 0.94 0.00	32.31 0.97 0.00	28.32 0.95 -0.51	38.46 1.33 0.00	41.08 1.24 0.00	36.33 0.99 0.00	32.39 0.89 0.00	30.90 0.81 0.00	29.96 0.72 0.00	25.99 0.58 0.00
REYNOLDS_115KV_TB3 80639	37.02 1.49 0.00	37.79 1.45 0.00	44.33 1.73 0.00	39.37 1.58 0.00	32.54 1.30 0.00	37.53 1.50 0.00	37.27 1.49 0.00	31.72 1.29 0.00	32.95 1.36 0.00	34.93 1.40 0.00	46.35 1.70 0.00	43.89 1.47 0.00	34.73 1.14 -2.10	32.27 1.17 0.00	31.61 1.16 -0.01	32.57 1.17 -0.07	40.59 1.03 -12.69	38.64 1.51 0.00	41.24 1.40 0.00	36.49 1.15 0.00	32.60 1.11 0.00	31.10 1.00 0.00	30.14 0.91 0.00	26.16 0.75 0.00
RIVERBAY____ 323610	37.41 1.88 0.00	38.15 1.81 0.00	44.84 2.25 0.00	39.75 1.96 0.00	32.83 1.60 0.00	37.83 1.80 0.00	37.54 1.76 0.00	32.00 1.58 0.00	33.30 1.71 0.00	35.31 1.78 0.00	47.32 2.67 0.00	44.98 2.56 0.00	35.19 1.99 -1.71	33.06 1.95 0.00	32.34 1.90 -0.01	33.34 1.95 -0.05	38.91 1.73 -10.30	39.61 2.47 0.00	42.11 2.27 0.00	37.18 1.85 0.00	33.17 1.67 0.00	31.63 1.54 0.00	30.60 1.37 0.00	26.51 1.10 0.00
RIVERSDE_115KV_TB3 55908	36.99 1.45 0.00	37.75 1.41 0.00	44.28 1.68 0.00	39.33 1.54 0.00	32.50 1.26 0.00	37.48 1.46 0.00	37.23 1.45 0.00	31.69 1.27 0.00	32.93 1.34 0.00	34.90 1.37 0.00	46.33 1.68 0.00	43.82 1.39 0.00	34.68 1.08 -2.11	32.23 1.12 0.00	31.57 1.12 -0.01	32.53 1.12 -0.07	40.57 0.99 -12.72	38.59 1.46 0.00	41.17 1.33 0.00	36.43 1.09 0.00	32.55 1.05 0.00	31.05 0.95 0.00	30.09 0.85 0.00	26.13 0.73 0.00
ROARING___BROOK_WT_PWR 323790	35.15 -0.38 0.00	36.06 -0.29 0.00	42.26 -0.34 0.00	37.49 -0.30 0.00	30.87 -0.36 0.00	35.71 -0.31 0.00	35.55 -0.22 0.00	30.25 -0.18 0.00	31.32 -0.27 0.00	33.20 -0.33 0.00	44.07 -0.58 0.00	41.95 -0.47 0.00	31.13 -0.36 0.00	30.16 -0.94 0.00	29.52 -0.92 0.00	30.30 -1.04 0.00	26.25 -0.62 0.00	36.66 -0.46 0.00	39.33 -0.51 0.00	34.90 -0.44 0.00	31.15 -0.35 0.00	29.82 -0.28 0.00	29.03 -0.21 0.00	25.26 -0.15 0.00

ROCHESRG_115KV_T4 355643	32.98 -2.55 0.00	33.77 -2.58 0.00	39.48 -3.12 0.00	35.01 -2.77 0.00	28.99 -2.25 0.00	33.51 -2.51 0.00	33.13 -2.64 0.00	27.84 -2.59 0.00	28.82 -2.77 0.00	30.58 -2.95 0.00	40.72 -3.93 0.00	38.86 -3.56 0.00	29.27 -2.43 -0.21	29.31 -1.80 0.00	28.54 -1.90 0.00	29.54 -1.81 -0.01	26.53 -1.60 -1.26	34.91 -2.22 0.00	37.15 -2.69 0.00	32.97 -2.37 0.00	29.38 -2.12 0.00	28.02 -2.08 0.00	27.23 -2.01 0.00	23.60 -1.81 0.00
ROCHESTER_9_IC 23652	33.16 -2.37 0.00	33.95 -2.39 0.00	39.69 -2.91 0.00	35.20 -2.59 0.00	29.14 -2.10 0.00	33.69 -2.33 0.00	33.32 -2.45 0.00	28.00 -2.43 0.00	28.99 -2.60 0.00	30.76 -2.78 0.00	40.96 -3.68 0.00	39.09 -3.33 0.00	29.44 -2.26 -0.21	29.49 -1.62 0.00	28.71 -1.74 0.00	29.71 -1.64 -0.01	26.70 -1.44 -1.27	35.15 -1.98 0.00	37.40 -2.44 0.00	33.18 -2.15 0.00	29.56 -1.94 0.00	28.18 -1.91 0.00	27.39 -1.85 0.00	23.73 -1.68 0.00
ROCKVIEW_13_KV_LD 356306	37.59 2.06 0.00	38.30 1.97 0.00	44.98 2.38 0.00	39.88 2.08 0.00	32.95 1.71 0.00	37.96 1.94 0.00	37.70 1.93 0.00	32.14 1.71 0.00	33.43 1.84 0.00	35.49 1.95 0.00	47.50 2.85 0.00	45.20 2.78 0.00	35.26 2.06 -1.71	33.13 2.03 0.00	32.43 1.98 -0.01	33.40 2.01 -0.05	38.95 1.77 -10.30	39.69 2.56 0.00	42.25 2.42 0.00	37.31 1.97 0.00	33.27 1.77 0.00	31.72 1.63 0.00	30.70 1.47 0.00	26.61 1.20 0.00
ROME____115KV_TB2 80656	36.50 0.97 0.00	37.27 0.93 0.00	43.75 1.15 0.00	38.80 1.01 0.00	32.11 0.87 0.00	37.05 1.03 0.00	36.81 1.03 0.00	31.37 0.95 0.00	32.66 1.07 0.00	34.66 1.13 0.00	46.00 1.35 0.00	43.55 1.13 0.00	32.31 0.74 -0.08	31.93 0.83 0.00	31.38 0.94 0.00	32.31 0.97 0.00	28.32 0.95 -0.51	38.46 1.33 0.00	41.08 1.24 0.00	36.33 0.99 0.00	32.39 0.89 0.00	30.90 0.81 0.00	29.96 0.72 0.00	25.99 0.58 0.00
ROSETON___1 23587	37.14 1.61 0.00	37.88 1.54 0.00	44.47 1.87 0.00	39.45 1.66 0.00	32.59 1.35 0.00	37.55 1.53 0.00	37.27 1.50 0.00	31.76 1.34 0.00	33.03 1.44 0.00	35.06 1.52 0.00	46.85 2.21 0.00	44.57 2.15 0.00	34.75 1.60 -1.67	32.69 1.59 0.00	32.01 1.57 -0.01	32.97 1.58 -0.05	38.33 1.41 -10.05	39.18 2.05 0.00	41.73 1.89 0.00	36.85 1.52 0.00	32.86 1.37 0.00	31.36 1.27 0.00	30.38 1.15 0.00	26.34 0.94 0.00
ROSETON___2 23588	37.14 1.61 0.00	37.88 1.54 0.00	44.47 1.87 0.00	39.45 1.66 0.00	32.59 1.35 0.00	37.55 1.53 0.00	37.27 1.50 0.00	31.76 1.34 0.00	33.03 1.44 0.00	35.06 1.52 0.00	46.85 2.21 0.00	44.57 2.15 0.00	34.75 1.60 -1.67	32.69 1.59 0.00	32.01 1.57 -0.01	32.97 1.58 -0.05	38.33 1.41 -10.05	39.18 2.05 0.00	41.73 1.89 0.00	36.85 1.52 0.00	32.86 1.37 0.00	31.36 1.27 0.00	30.38 1.15 0.00	26.34 0.94 0.00
ROTRRDAM_115KV_TB3 80664	36.61 1.09 0.00	37.39 1.05 0.00	43.83 1.24 0.00	38.92 1.13 0.00	32.15 0.91 0.00	37.08 1.06 0.00	36.85 1.07 0.00	31.36 0.94 0.00	32.58 0.99 0.00	34.58 1.04 0.00	46.03 1.38 0.00	43.74 1.32 0.00	34.67 0.99 -2.19	32.10 0.99 0.00	31.42 0.97 -0.01	32.44 1.03 -0.07	41.03 0.93 -13.23	38.48 1.35 0.00	41.12 1.28 0.00	36.39 1.05 0.00	32.45 0.96 0.00	30.96 0.87 0.00	30.02 0.79 0.00	26.05 0.65 0.00
RUSSELL___1 23602	33.34 -2.19 0.00	34.13 -2.21 0.00	39.90 -2.70 0.00	35.37 -2.42 0.00	29.29 -1.95 0.00	33.86 -2.16 0.00	33.50 -2.28 0.00	28.16 -2.27 0.00	29.16 -2.43 0.00	30.94 -2.60 0.00	41.21 -3.44 0.00	39.32 -3.10 0.00	29.60 -2.10 -0.21	29.66 -1.45 0.00	28.87 -1.57 0.00	29.89 -1.46 -0.01	26.86 -1.28 -1.27	35.39 -1.74 0.00	37.65 -2.19 0.00	33.40 -1.94 0.00	29.75 -1.75 0.00	28.36 -1.74 0.00	27.55 -1.68 0.00	23.85 -1.55 0.00
RUSSELL___2 23532	33.34 -2.19 0.00	34.13 -2.21 0.00	39.90 -2.70 0.00	35.37 -2.42 0.00	29.29 -1.95 0.00	33.86 -2.16 0.00	33.50 -2.28 0.00	28.16 -2.27 0.00	29.16 -2.43 0.00	30.94 -2.60 0.00	41.21 -3.44 0.00	39.32 -3.10 0.00	29.60 -2.10 -0.21	29.66 -1.45 0.00	28.87 -1.57 0.00	29.89 -1.46 -0.01	26.86 -1.28 -1.27	35.39 -1.74 0.00	37.65 -2.19 0.00	33.40 -1.94 0.00	29.75 -1.75 0.00	28.36 -1.74 0.00	27.55 -1.68 0.00	23.85 -1.55 0.00
RUSSELL___3 23549	33.34 -2.19 0.00	34.13 -2.21 0.00	39.90 -2.70 0.00	35.37 -2.42 0.00	29.29 -1.95 0.00	33.86 -2.16 0.00	33.50 -2.28 0.00	28.16 -2.27 0.00	29.16 -2.43 0.00	30.94 -2.60 0.00	41.21 -3.44 0.00	39.32 -3.10 0.00	29.60 -2.10 -0.21	29.66 -1.45 0.00	28.87 -1.57 0.00	29.89 -1.46 -0.01	26.86 -1.28 -1.27	35.39 -1.74 0.00	37.65 -2.19 0.00	33.40 -1.94 0.00	29.75 -1.75 0.00	28.36 -1.74 0.00	27.55 -1.68 0.00	23.85 -1.55 0.00
RUSSELL___4 23556	33.34 -2.19 0.00	34.13 -2.21 0.00	39.90 -2.70 0.00	35.37 -2.42 0.00	29.29 -1.95 0.00	33.86 -2.16 0.00	33.50 -2.28 0.00	28.16 -2.27 0.00	29.16 -2.43 0.00	30.94 -2.60 0.00	41.21 -3.44 0.00	39.32 -3.10 0.00	29.60 -2.10 -0.21	29.66 -1.45 0.00	28.87 -1.57 0.00	29.89 -1.46 -0.01	26.86 -1.28 -1.27	35.39 -1.74 0.00	37.65 -2.19 0.00	33.40 -1.94 0.00	29.75 -1.75 0.00	28.36 -1.74 0.00	27.55 -1.68 0.00	23.85 -1.55 0.00
RUSSELL___STATION 23914	33.34 -2.19 0.00	34.13 -2.21 0.00	39.90 -2.70 0.00	35.37 -2.42 0.00	29.29 -1.95 0.00	33.86 -2.16 0.00	33.50 -2.28 0.00	28.16 -2.27 0.00	29.16 -2.43 0.00	30.94 -2.60 0.00	41.21 -3.44 0.00	39.32 -3.10 0.00	29.60 -2.10 -0.21	29.66 -1.45 0.00	28.87 -1.57 0.00	29.89 -1.46 -0.01	26.86 -1.28 -1.27	35.39 -1.74 0.00	37.65 -2.19 0.00	33.40 -1.94 0.00	29.75 -1.75 0.00	28.36 -1.74 0.00	27.55 -1.68 0.00	23.85 -1.55 0.00
S SALMON___HYD 24043	34.48 -1.05 0.00	35.16 -1.18 0.00	41.37 -1.23 0.00	36.69 -1.10 0.00	30.36 -0.88 0.00	34.94 -1.08 0.00	34.57 -1.21 0.00	29.46 -0.96 0.00	30.62 -0.97 0.00	32.54 -0.99 0.00	43.08 -1.56 0.00	40.90 -1.52 0.00	30.56 -1.05 -0.12	30.26 -0.85 0.00	29.71 -0.73 0.00	30.53 -0.82 0.00	26.93 -0.67 -0.74	36.12 -1.01 0.00	38.57 -1.27 0.00	34.17 -1.16 0.00	30.46 -1.04 0.00	29.16 -0.93 0.00	28.36 -0.87 0.00	24.63 -0.78 0.00
S.PERRY___115KV_TB1 80734	33.62 -1.92 0.00	34.76 -1.58 0.00	40.60 -2.00 0.00	35.92 -1.87 0.00	29.79 -1.44 0.00	34.45 -1.58 0.00	34.44 -1.78 0.00	49.69 -1.82 -0.45	29.76 -1.82 0.00	31.44 -2.09 0.00	41.57 -3.07 0.00	39.65 -2.77 0.00	29.84 -1.95 -0.30	29.91 -1.20 0.00	29.16 -1.28 0.00	30.26 -1.09 -0.01	27.88 -0.78 -1.79	36.32 -0.81 0.00	38.57 -1.27 0.00	34.11 -1.23 0.00	30.29 -1.21 0.00	28.78 -1.31 0.00	27.92 -1.32 0.00	24.15 -1.26 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	31.61 -3.93 0.00	32.41 -3.93 0.00	37.84 -4.76 0.00	33.54 -4.25 0.00	27.79 -3.45 0.00	32.16 -3.86 0.00	31.55 -4.11 0.12	20.46 -4.09 5.88	27.15 -4.44 0.00	28.87 -4.66 0.00	38.46 -6.18 0.00	36.87 -5.55 0.00	28.04 -3.72 -0.27	28.36 -2.75 0.00	27.50 -2.94 0.00	28.54 -2.81 -0.01	25.93 -2.59 -1.65	33.57 -3.56 0.00	35.57 -4.27 0.00	31.63 -3.71 0.00	28.20 -3.30 0.00	26.87 -3.22 0.00	26.17 -3.06 0.00	22.66 -2.75 0.00

SAWYER___23_KV_LOAD 55526	31.61 -3.93 0.00	32.41 -3.93 0.00	37.84 -4.76 0.00	33.54 -4.25 0.00	27.79 -3.45 0.00	32.16 -3.86 0.00	31.55 -4.11 0.12	20.46 -4.09 5.88	27.15 -4.44 0.00	28.87 -4.66 0.00	38.46 -6.18 0.00	36.87 -5.55 0.00	28.04 -3.72 -0.27	28.36 -2.75 0.00	27.50 -2.94 0.00	28.54 -2.81 -0.01	25.93 -2.59 -1.65	33.57 -3.56 0.00	35.57 -4.27 0.00	31.63 -3.71 0.00	28.20 -3.30 0.00	26.87 -3.22 0.00	26.17 -3.06 0.00	22.66 -2.75 0.00
SELKIRK___I 23801	36.85 1.32 0.00	37.63 1.29 0.00	44.16 1.56 0.00	39.19 1.40 0.00	32.40 1.17 0.00	37.38 1.36 0.00	37.11 1.33 0.00	31.58 1.15 0.00	32.78 1.19 0.00	34.77 1.24 0.00	46.16 1.51 0.00	43.71 1.29 0.00	34.54 0.98 -2.07	32.11 1.00 0.00	31.46 1.02 -0.01	32.45 1.05 -0.06	40.30 0.95 -12.48	38.51 1.38 0.00	41.11 1.27 0.00	36.37 1.04 0.00	32.50 1.00 0.00	31.00 0.91 0.00	30.05 0.82 0.00	26.11 0.71 0.00
SELKIRK___II 23799	36.72 1.19 0.00	37.48 1.14 0.00	43.98 1.38 0.00	39.03 1.24 0.00	32.27 1.03 0.00	37.21 1.19 0.00	36.95 1.18 0.00	31.45 1.03 0.00	32.68 1.09 0.00	34.66 1.12 0.00	46.05 1.40 0.00	43.61 1.19 0.00	34.49 0.91 -2.09	32.05 0.94 0.00	31.39 0.94 -0.01	32.35 0.94 -0.07	40.34 0.84 -12.62	38.38 1.25 0.00	40.97 1.13 0.00	36.24 0.91 0.00	32.37 0.87 0.00	30.89 0.79 0.00	29.94 0.70 0.00	26.01 0.60 0.00
SENECA OSWGO___HYD 24041	34.15 -1.38 0.00	34.89 -1.45 0.00	40.89 -1.71 0.00	36.28 -1.52 0.00	30.02 -1.22 0.00	34.63 -1.40 0.00	34.36 -1.42 0.00	29.21 -1.22 0.00	30.33 -1.26 0.00	32.17 -1.36 0.00	42.79 -1.85 0.00	40.66 -1.76 0.00	30.42 -1.20 -0.14	30.20 -0.90 0.00	29.53 -0.91 0.00	30.42 -0.92 0.00	26.93 -0.75 -0.82	36.04 -1.08 0.00	38.49 -1.35 0.00	34.09 -1.24 0.00	30.36 -1.14 0.00	29.01 -1.08 0.00	28.18 -1.06 0.00	24.49 -0.92 0.00
SENECA___115KV_TB3 355854	32.05 -3.49 0.00	32.84 -3.50 0.00	38.35 -4.25 0.00	33.99 -3.81 0.00	28.15 -3.08 0.00	32.59 -3.43 0.00	31.95 -3.70 0.13	20.61 -3.70 6.12	27.55 -4.04 0.00	29.29 -4.24 0.00	39.04 -5.61 0.00	37.42 -5.00 0.00	28.45 -3.33 -0.28	28.75 -2.36 0.00	27.91 -2.53 0.00	28.96 -2.39 -0.01	26.38 -2.21 -1.72	34.16 -2.97 0.00	36.17 -3.67 0.00	32.12 -3.22 0.00	28.63 -2.87 0.00	27.26 -2.83 0.00	26.56 -2.67 0.00	22.99 -2.42 0.00
SENECA___ENERGY 23797	34.08 -1.45 0.00	34.84 -1.50 0.00	40.75 -1.85 0.00	36.16 -1.64 0.00	29.98 -1.25 0.00	34.59 -1.44 0.00	34.30 -1.51 -0.03	30.46 -1.41 -1.44	30.23 -1.37 0.00	32.01 -1.53 0.00	42.52 -2.13 0.00	40.45 -1.97 0.00	30.38 -1.33 -0.22	30.17 -0.94 0.00	29.50 -0.95 0.00	30.47 -0.88 -0.01	27.48 -0.72 -1.32	36.17 -0.96 0.00	38.49 -1.35 0.00	34.02 -1.32 0.00	30.38 -1.12 0.00	28.98 -1.11 0.00	28.16 -1.07 0.00	24.44 -0.96 0.00
SHOEMAKER___GT 23640	36.88 1.35 0.00	37.64 1.30 0.00	44.17 1.57 0.00	39.19 1.40 0.00	32.38 1.14 0.00	37.30 1.28 0.00	37.03 1.25 0.00	31.56 1.13 0.00	32.81 1.22 0.00	34.83 1.29 0.00	46.51 1.86 0.00	44.24 1.82 0.00	34.34 1.34 -1.51	32.46 1.36 0.00	31.77 1.33 0.00	32.76 1.37 -0.05	37.19 1.23 -9.09	38.96 1.83 0.00	41.51 1.67 0.00	36.66 1.32 0.00	32.67 1.17 0.00	31.20 1.11 0.00	30.24 1.01 0.00	26.22 0.82 0.00
SHOEMAKR_138KV_BK 111 55601	36.85 1.32 0.00	37.61 1.27 0.00	44.15 1.55 0.00	39.16 1.37 0.00	32.36 1.12 0.00	37.29 1.27 0.00	37.01 1.24 0.00	31.55 1.11 0.00	32.79 1.20 0.00	34.80 1.26 0.00	46.48 1.84 0.00	44.21 1.79 0.00	34.32 1.33 -1.50	32.45 1.34 0.00	31.76 1.32 0.00	32.73 1.35 -0.05	37.11 1.21 -9.03	38.93 1.80 0.00	41.48 1.64 0.00	36.63 1.29 0.00	32.64 1.15 0.00	31.18 1.09 0.00	30.22 0.99 0.00	26.20 0.80 0.00
SHOREHAM_IC_1 23715	39.07 3.54 0.00	39.64 3.30 0.00	46.53 3.94 0.00	41.35 3.56 0.00	34.25 3.02 0.00	39.37 3.35 0.00	39.10 3.32 0.00	33.55 3.12 0.00	34.73 3.14 0.00	36.62 3.08 0.00	49.40 4.75 0.00	47.01 4.59 0.00	36.08 2.88 -1.71	34.00 2.89 0.00	33.65 3.21 -0.01	34.48 3.08 -0.05	39.80 2.62 -10.31	40.80 3.67 0.00	43.61 3.78 0.00	38.57 3.23 0.00	34.41 2.91 0.00	32.99 2.85 -0.05	31.68 2.45 0.00	27.35 1.94 0.00
SHOREHAM_IC_2 23716	39.07 3.54 0.00	39.64 3.30 0.00	46.53 3.94 0.00	41.35 3.56 0.00	34.25 3.02 0.00	39.37 3.35 0.00	39.10 3.32 0.00	33.55 3.12 0.00	34.73 3.14 0.00	36.62 3.08 0.00	49.40 4.75 0.00	47.01 4.59 0.00	36.08 2.88 -1.71	34.00 2.89 0.00	33.65 3.21 -0.01	34.48 3.08 -0.05	39.80 2.62 -10.31	40.80 3.67 0.00	43.61 3.78 0.00	38.57 3.23 0.00	34.41 2.91 0.00	32.99 2.85 -0.05	31.68 2.45 0.00	27.35 1.94 0.00
SISSONVILLE____ 23735	35.61 0.07 0.00	36.43 0.09 0.00	42.69 0.09 0.00	37.85 0.05 0.00	31.22 -0.01 0.00	35.87 -0.15 0.00	35.55 -0.23 0.00	30.44 0.01 0.00	31.41 -0.17 0.00	33.42 -0.12 0.00	44.35 -0.30 0.00	42.04 -0.38 0.00	30.90 -0.62 -0.03	28.85 -2.26 0.00	28.15 -2.29 0.00	28.80 -2.54 0.00	25.59 -1.51 -0.23	36.12 -1.01 0.00	39.14 -0.70 0.00	34.92 -0.41 0.00	31.05 -0.45 0.00	29.70 -0.39 0.00	29.24 0.00 0.00	25.53 0.13 0.00
SITHE_IND_GS1 24169	33.89 -1.64 0.00	34.64 -1.70 0.00	40.60 -2.00 0.00	36.02 -1.77 0.00	29.80 -1.44 0.00	34.36 -1.66 0.00	34.10 -1.67 0.00	29.00 -1.44 0.00	30.08 -1.51 0.00	31.92 -1.61 0.00	42.48 -2.16 0.00	40.38 -2.04 0.00	30.17 -1.42 -0.11	29.91 -1.19 0.00	29.27 -1.17 0.00	30.15 -1.19 0.00	26.50 -1.01 -0.64	35.67 -1.46 0.00	38.13 -1.71 0.00	33.79 -1.55 0.00	30.11 -1.39 0.00	28.79 -1.30 0.00	27.99 -1.25 0.00	24.34 -1.07 0.00
SITHE_IND_GS2 24170	33.89 -1.64 0.00	34.64 -1.70 0.00	40.60 -2.00 0.00	36.02 -1.77 0.00	29.80 -1.44 0.00	34.36 -1.66 0.00	34.10 -1.67 0.00	29.00 -1.44 0.00	30.08 -1.51 0.00	31.92 -1.61 0.00	42.48 -2.16 0.00	40.38 -2.04 0.00	30.17 -1.42 -0.11	29.91 -1.19 0.00	29.27 -1.17 0.00	30.15 -1.19 0.00	26.50 -1.01 -0.64	35.67 -1.46 0.00	38.13 -1.71 0.00	33.79 -1.55 0.00	30.11 -1.39 0.00	28.79 -1.30 0.00	27.99 -1.25 0.00	24.34 -1.07 0.00
SITHE_IND_GS3 24171	33.89 -1.64 0.00	34.64 -1.70 0.00	40.60 -2.00 0.00	36.02 -1.77 0.00	29.80 -1.44 0.00	34.36 -1.66 0.00	34.10 -1.67 0.00	29.00 -1.44 0.00	30.08 -1.51 0.00	31.92 -1.61 0.00	42.48 -2.16 0.00	40.38 -2.04 0.00	30.17 -1.42 -0.11	29.91 -1.19 0.00	29.27 -1.17 0.00	30.15 -1.19 0.00	26.50 -1.01 -0.64	35.67 -1.46 0.00	38.13 -1.71 0.00	33.79 -1.55 0.00	30.11 -1.39 0.00	28.79 -1.30 0.00	27.99 -1.25 0.00	24.34 -1.07 0.00
SITHE_IND_GS4 24172	33.89 -1.64 0.00	34.64 -1.70 0.00	40.60 -2.00 0.00	36.02 -1.77 0.00	29.80 -1.44 0.00	34.36 -1.66 0.00	34.10 -1.67 0.00	29.00 -1.44 0.00	30.08 -1.51 0.00	31.92 -1.61 0.00	42.48 -2.16 0.00	40.38 -2.04 0.00	30.17 -1.42 -0.11	29.91 -1.19 0.00	29.27 -1.17 0.00	30.15 -1.19 0.00	26.50 -1.01 -0.64	35.67 -1.46 0.00	38.13 -1.71 0.00	33.79 -1.55 0.00	30.11 -1.39 0.00	28.79 -1.30 0.00	27.99 -1.25 0.00	24.34 -1.07 0.00

SITHE___BATAVIA 24024	32.78 -2.75 0.00	33.56 -2.78 0.00	39.23 -3.37 0.00	34.76 -3.03 0.00	28.80 -2.44 0.00	33.34 -2.68 0.00	32.88 -2.83 0.06	24.61 -2.83 3.00	28.43 -3.16 0.00	30.09 -3.45 0.00	40.12 -4.53 0.00	38.31 -4.11 0.00	28.82 -2.91 -0.24	29.18 -1.93 0.00	28.35 -2.10 0.00	29.49 -1.86 -0.01	26.70 -1.62 -1.45	34.96 -2.17 0.00	37.06 -2.78 0.00	32.88 -2.46 0.00	29.29 -2.21 0.00	27.88 -2.21 0.00	27.08 -2.16 0.00	23.41 -2.00 0.00
SITHE___INDEPEND 23800	33.89 -1.64 0.00	34.64 -1.70 0.00	40.60 -2.00 0.00	36.02 -1.77 0.00	29.80 -1.44 0.00	34.36 -1.66 0.00	34.10 -1.67 0.00	28.99 -1.44 0.00	30.08 -1.51 0.00	31.92 -1.61 0.00	42.48 -2.16 0.00	40.38 -2.04 0.00	30.17 -1.42 -0.11	29.92 -1.19 0.00	29.27 -1.17 0.00	30.15 -1.19 0.00	26.50 -1.01 -0.64	35.67 -1.46 0.00	38.12 -1.71 0.00	33.79 -1.55 0.00	30.11 -1.39 0.00	28.79 -1.30 0.00	27.98 -1.25 0.00	24.34 -1.07 0.00
SITHE___MASSENA 23902	36.05 0.52 0.00	36.91 0.57 0.00	43.24 0.64 0.00	38.32 0.53 0.00	31.64 0.40 0.00	36.47 0.44 0.00	36.26 0.49 0.00	30.98 0.55 0.00	31.99 0.39 0.00	34.01 0.48 0.00	45.25 0.60 0.00	42.96 0.54 0.00	31.57 0.06 -0.02	29.45 -1.66 0.00	28.69 -1.75 0.00	29.37 -1.97 0.00	26.06 -0.97 -0.17	36.94 -0.19 0.00	40.03 0.20 0.00	35.71 0.37 0.00	31.76 0.26 0.00	30.37 0.28 0.00	29.74 0.51 0.00	25.91 0.51 0.00
SITHE___OGDNSBRG 24021	36.49 0.96 0.00	37.36 1.02 0.00	43.75 1.15 0.00	38.79 0.99 0.00	32.01 0.77 0.00	36.87 0.85 0.00	36.64 0.87 0.00	31.35 0.92 0.00	32.37 0.78 0.00	34.42 0.88 0.00	45.71 1.06 0.00	43.35 0.93 0.00	31.82 0.31 -0.03	29.65 -1.46 0.00	28.86 -1.58 0.00	29.58 -1.75 0.00	26.33 -0.74 -0.20	37.31 0.18 0.00	40.48 0.64 0.00	36.12 0.78 0.00	32.11 0.61 0.00	30.66 0.56 0.00	30.07 0.84 0.00	26.21 0.81 0.00
SITHE___STERLING 23777	36.14 0.61 0.00	36.94 0.60 0.00	43.32 0.72 0.00	38.42 0.63 0.00	31.81 0.58 0.00	36.71 0.69 0.00	36.47 0.69 0.00	31.06 0.62 0.00	32.30 0.71 0.00	34.26 0.73 0.00	45.55 0.90 0.00	43.17 0.75 0.00	32.06 0.48 -0.10	31.73 0.62 0.00	31.14 0.70 0.00	32.10 0.76 0.00	28.19 0.73 -0.60	38.09 0.96 0.00	40.69 0.85 0.00	35.98 0.64 0.00	32.09 0.59 0.00	30.62 0.53 0.00	29.69 0.45 0.00	25.76 0.35 0.00
SLEIGHT__34_KV_TB1 80719	33.65 -1.88 0.00	34.44 -1.90 0.00	40.28 -2.32 0.00	35.73 -2.06 0.00	29.57 -1.67 0.00	34.17 -1.85 0.00	33.88 -1.90 0.00	28.60 -1.83 0.00	29.69 -1.90 0.00	31.46 -2.07 0.00	41.85 -2.80 0.00	39.85 -2.56 0.00	29.98 -1.71 -0.20	29.88 -1.23 0.00	29.14 -1.30 0.00	30.13 -1.22 -0.01	27.06 -1.03 -1.23	35.71 -1.42 0.00	38.03 -1.80 0.00	33.70 -1.64 0.00	30.04 -1.46 0.00	28.64 -1.45 0.00	27.81 -1.42 0.00	24.12 -1.29 0.00
SOUTH CAIRO___GT 23612	38.55 3.02 0.00	39.28 2.94 0.00	46.07 3.47 0.00	40.88 3.09 0.00	33.80 2.57 0.00	39.04 3.02 0.00	38.80 3.02 0.00	33.10 2.67 0.00	34.46 2.87 0.00	36.59 3.06 0.00	48.55 3.91 0.00	45.84 3.42 0.00	35.94 2.46 -1.99	33.41 2.30 0.00	32.77 2.32 -0.01	33.98 2.57 -0.06	41.25 2.36 -12.02	40.60 3.47 0.00	43.30 3.47 0.00	38.22 2.88 0.00	34.09 2.59 0.00	32.43 2.34 0.00	31.35 2.12 0.00	27.16 1.75 0.00
SOUTH HAMPTN___IC 23720	39.32 3.79 0.00	39.86 3.52 0.00	46.80 4.20 0.00	41.58 3.79 0.00	34.48 3.25 0.00	39.67 3.65 0.00	39.40 3.62 0.00	33.80 3.37 0.00	34.95 3.36 0.00	36.77 3.24 0.00	49.64 4.99 0.00	47.15 4.73 0.00	36.17 2.97 -1.71	34.04 2.94 0.00	33.66 3.22 -0.01	34.45 3.06 -0.05	39.77 2.60 -10.31	40.80 3.67 0.00	43.64 3.81 0.00	38.59 3.26 0.00	34.44 2.94 0.00	33.00 2.86 -0.05	31.59 2.35 0.00	27.25 1.84 0.00
SOUTHDOW_115KV_TB1 355954	32.60 -2.93 0.00	33.38 -2.97 0.00	39.12 -3.47 0.00	34.76 -3.03 0.00	28.71 -2.53 0.00	33.35 -2.68 0.00	32.70 -3.01 0.07	23.82 -3.22 3.39	28.17 -3.42 0.00	30.09 -3.45 0.00	40.17 -4.48 0.00	38.70 -3.72 0.00	29.51 -2.29 -0.31	29.74 -1.37 0.00	28.92 -1.52 0.00	30.14 -1.21 -0.01	27.45 -1.27 -1.85	35.61 -1.52 0.00	37.39 -2.44 0.00	33.13 -2.20 0.00	29.57 -1.93 0.00	28.19 -1.91 0.00	27.46 -1.78 0.00	23.81 -1.60 0.00
SOUTHOLD_69_KV_BK 2 55809	39.70 4.17 0.00	40.18 3.83 0.00	47.18 4.58 0.00	41.93 4.14 0.00	34.84 3.60 0.00	40.16 4.14 0.00	39.87 4.09 0.00	34.23 3.80 0.00	35.30 3.71 0.00	37.00 3.46 0.00	50.01 5.37 0.00	47.34 4.92 0.00	36.21 3.01 -1.71	34.00 2.89 0.00	33.61 3.16 -0.01	34.35 2.95 -0.05	39.66 2.49 -10.31	40.68 3.55 0.00	43.62 3.78 0.00	38.58 3.24 0.00	34.45 2.95 0.00	32.95 2.81 -0.05	31.35 2.12 0.00	26.98 1.57 0.00
SOUTHOLD___IC 23719	39.70 4.17 0.00	40.18 3.84 0.00	47.17 4.58 0.00	41.95 4.15 0.00	34.84 3.60 0.00	40.17 4.14 0.00	39.87 4.09 0.00	34.23 3.80 0.00	35.30 3.71 0.00	37.00 3.46 0.00	50.01 5.36 0.00	47.34 4.92 0.00	36.20 3.01 -1.71	34.01 2.90 0.00	33.61 3.16 -0.01	34.35 2.95 -0.05	39.67 2.49 -10.31	40.68 3.55 0.00	43.62 3.79 0.00	38.58 3.24 0.00	34.45 2.95 0.00	32.96 2.81 -0.05	31.35 2.11 0.00	26.98 1.58 0.00
SOUTH_FORK_WT_PWR 323839	39.60 4.07 0.00	40.05 3.71 0.00	47.04 4.44 0.00	41.84 4.05 0.00	34.80 3.56 0.00	40.18 4.16 0.00	39.86 4.08 0.00	34.21 3.78 0.00	35.21 3.62 0.00	36.78 3.25 0.00	49.76 5.12 0.00	46.98 4.56 0.00	35.85 2.66 -1.71	33.59 2.49 0.00	33.20 2.76 -0.01	33.90 2.51 -0.05	39.26 2.08 -10.31	40.14 3.01 0.00	43.13 3.30 0.00	38.16 2.83 0.00	34.09 2.60 0.00	32.61 2.47 -0.05	30.88 1.65 0.00	26.55 1.15 0.00
SPIERFLS_115KV_TB 1 80737	37.11 1.58 0.00	37.88 1.54 0.00	44.36 1.76 0.00	39.42 1.63 0.00	32.59 1.36 0.00	37.56 1.53 0.00	37.46 1.68 0.00	31.94 1.52 0.00	33.19 1.60 0.00	35.25 1.71 0.00	46.84 2.19 0.00	44.54 2.12 0.00	35.21 1.55 -2.17	32.68 1.58 0.00	31.97 1.52 -0.01	33.02 1.61 -0.07	41.46 1.50 -13.10	39.33 2.20 0.00	42.00 2.16 0.00	37.11 1.78 0.00	33.05 1.55 0.00	31.43 1.33 0.00	30.42 1.19 0.00	26.41 1.00 0.00
ST LAWRENCE____ 23600	35.73 0.20 0.00	36.60 0.26 0.00	42.86 0.26 0.00	38.00 0.21 0.00	31.36 0.13 0.00	36.18 0.16 0.00	36.00 0.23 0.00	30.62 0.19 0.00	31.74 0.15 0.00	33.76 0.22 0.00	44.94 0.29 0.00	42.68 0.26 0.00	31.35 -0.14 0.00	29.27 -1.84 0.00	28.51 -1.94 0.00	29.20 -2.15 0.00	25.74 -1.13 0.00	36.73 -0.40 0.00	39.79 -0.04 0.00	35.49 0.16 0.00	31.57 0.08 0.00	30.18 0.09 0.00	29.42 0.19 0.00	25.62 0.21 0.00
STATE_CA_115KV_115_LB 55624	37.03 1.49 0.00	37.78 1.44 0.00	44.32 1.72 0.00	39.34 1.55 0.00	32.53 1.29 0.00	37.52 1.49 0.00	37.27 1.49 0.00	31.73 1.30 0.00	32.97 1.38 0.00	34.97 1.43 0.00	46.41 1.76 0.00	43.88 1.46 0.00	34.74 1.14 -2.12	32.27 1.17 0.00	31.62 1.17 -0.01	32.57 1.16 -0.07	40.71 1.04 -12.80	38.65 1.52 0.00	41.24 1.40 0.00	36.48 1.15 0.00	32.58 1.08 0.00	31.09 0.99 0.00	30.12 0.88 0.00	26.16 0.76 0.00

STATE_ST_34_KV_LOAD 55959	34.77 -0.76 0.00	35.53 -0.81 0.00	41.61 -0.99 0.00	37.00 -0.79 0.00	30.58 -0.66 0.00	35.25 -0.77 0.00	34.98 -0.79 0.00	29.70 -0.73 0.00	30.97 -0.62 0.00	32.72 -0.81 0.00	43.46 -1.19 0.00	41.31 -1.12 0.00	31.01 -0.69 -0.22	30.72 -0.39 0.00	30.06 -0.38 0.00	31.03 -0.32 -0.01	27.96 -0.21 -1.30	36.85 -0.28 0.00	39.32 -0.52 0.00	34.74 -0.59 0.00	31.00 -0.50 0.00	29.65 -0.44 0.00	28.81 -0.42 0.00	25.02 -0.38 0.00
STATION 5_MISC_HYD 23604	33.16 -2.37 0.00	33.94 -2.39 0.00	39.69 -2.91 0.00	35.20 -2.60 0.00	29.14 -2.09 0.00	33.70 -2.33 0.00	33.32 -2.45 0.00	28.03 -2.40 0.00	28.99 -2.60 0.00	30.76 -2.78 0.00	40.96 -3.69 0.00	39.10 -3.32 0.00	29.43 -2.26 -0.21	29.49 -1.62 0.00	28.70 -1.74 0.00	29.71 -1.63 -0.01	26.70 -1.43 -1.27	35.17 -1.96 0.00	37.40 -2.44 0.00	33.19 -2.15 0.00	29.56 -1.94 0.00	28.19 -1.90 0.00	27.39 -1.85 0.00	23.73 -1.68 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.89 -1.64 0.00	34.68 -1.66 0.00	40.53 -2.07 0.00	35.93 -1.86 0.00	29.80 -1.44 0.00	34.43 -1.60 0.00	34.10 -1.68 0.00	28.77 -1.67 0.00	29.86 -1.73 0.00	31.67 -1.87 0.00	42.08 -2.57 0.00	40.09 -2.33 0.00	30.14 -1.56 -0.21	30.07 -1.04 0.00	29.31 -1.13 0.00	30.34 -1.01 -0.01	27.29 -0.85 -1.26	35.99 -1.14 0.00	38.31 -1.53 0.00	33.92 -1.41 0.00	30.24 -1.25 0.00	28.81 -1.28 0.00	27.98 -1.25 0.00	24.25 -1.15 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	33.08 -2.45 0.00	33.88 -2.46 0.00	39.60 -2.99 0.00	35.13 -2.67 0.00	29.08 -2.15 0.00	33.62 -2.41 0.00	33.27 -2.50 0.00	27.98 -2.45 0.00	28.97 -2.62 0.00	30.73 -2.80 0.00	40.92 -3.73 0.00	39.04 -3.38 0.00	29.39 -2.30 -0.21	29.41 -1.69 0.00	28.65 -1.80 0.00	29.65 -1.69 -0.01	26.64 -1.49 -1.25	35.08 -2.05 0.00	37.33 -2.51 0.00	33.11 -2.22 0.00	29.51 -1.99 0.00	28.13 -1.96 0.00	27.34 -1.90 0.00	23.68 -1.72 0.00
STA_56___34_KV_BUS2 355983	33.08 -2.45 0.00	33.88 -2.46 0.00	39.60 -2.99 0.00	35.13 -2.67 0.00	29.08 -2.15 0.00	33.62 -2.41 0.00	33.27 -2.50 0.00	27.98 -2.45 0.00	28.97 -2.62 0.00	30.73 -2.80 0.00	40.92 -3.73 0.00	39.04 -3.38 0.00	29.39 -2.30 -0.21	29.41 -1.69 0.00	28.65 -1.80 0.00	29.65 -1.69 -0.01	26.64 -1.49 -1.25	35.08 -2.05 0.00	37.33 -2.51 0.00	33.11 -2.22 0.00	29.51 -1.99 0.00	28.13 -1.96 0.00	27.34 -1.90 0.00	23.68 -1.72 0.00
STA_67___115KV_BK2 355882	33.08 -2.45 0.00	33.87 -2.47 0.00	39.60 -2.99 0.00	35.12 -2.67 0.00	29.08 -2.16 0.00	33.62 -2.41 0.00	33.24 -2.53 0.00	27.93 -2.50 0.00	28.93 -2.66 0.00	30.69 -2.85 0.00	40.86 -3.79 0.00	38.99 -3.43 0.00	29.36 -2.34 -0.21	29.41 -1.70 0.00	28.63 -1.81 0.00	29.64 -1.71 -0.01	26.63 -1.50 -1.26	35.05 -2.08 0.00	37.29 -2.54 0.00	33.09 -2.25 0.00	29.49 -2.01 0.00	28.12 -1.98 0.00	27.32 -1.91 0.00	23.67 -1.73 0.00
STA_7___115KV_9TRANS 80674	33.34 -2.19 0.00	34.13 -2.21 0.00	39.90 -2.70 0.00	35.37 -2.42 0.00	29.29 -1.95 0.00	33.86 -2.16 0.00	33.50 -2.28 0.00	28.16 -2.27 0.00	29.16 -2.43 0.00	30.94 -2.60 0.00	41.21 -3.44 0.00	39.32 -3.10 0.00	29.60 -2.10 -0.21	29.66 -1.45 0.00	28.87 -1.57 0.00	29.89 -1.46 -0.01	26.86 -1.28 -1.27	35.39 -1.74 0.00	37.65 -2.19 0.00	33.40 -1.94 0.00	29.75 -1.75 0.00	28.36 -1.74 0.00	27.55 -1.68 0.00	23.85 -1.55 0.00
STA_82___115KV_TB1 80780	33.08 -2.45 0.00	33.88 -2.46 0.00	39.60 -2.99 0.00	35.13 -2.66 0.00	29.08 -2.15 0.00	33.63 -2.40 0.00	33.25 -2.52 0.00	27.95 -2.48 0.00	28.93 -2.66 0.00	30.69 -2.84 0.00	40.86 -3.78 0.00	39.00 -3.42 0.00	29.36 -2.34 -0.21	29.41 -1.70 0.00	28.63 -1.81 0.00	29.64 -1.71 -0.01	26.64 -1.50 -1.27	35.06 -2.07 0.00	37.30 -2.54 0.00	33.10 -2.23 0.00	29.50 -2.00 0.00	28.12 -1.97 0.00	27.33 -1.91 0.00	23.67 -1.73 0.00
STEEL___WIND 323596	32.01 -3.52 0.00	32.80 -3.54 0.00	38.31 -4.29 0.00	33.95 -3.84 0.00	28.12 -3.12 0.00	32.54 -3.48 0.00	31.87 -3.77 0.13	20.58 -3.73 6.12	27.50 -4.09 0.00	29.24 -4.30 0.00	38.95 -5.70 0.00	37.34 -5.08 0.00	28.40 -3.37 -0.28	28.69 -2.42 0.00	27.87 -2.57 0.00	28.92 -2.43 -0.01	26.35 -2.23 -1.72	34.13 -3.00 0.00	36.13 -3.71 0.00	32.08 -3.26 0.00	28.58 -2.92 0.00	27.21 -2.88 0.00	26.53 -2.70 0.00	22.96 -2.44 0.00
STEPHTWN_115KV_BK_2 55603	37.32 1.79 0.00	38.06 1.72 0.00	44.58 1.98 0.00	39.65 1.85 0.00	32.75 1.51 0.00	37.78 1.76 0.00	37.60 1.82 0.00	31.95 1.52 0.00	33.21 1.62 0.00	35.26 1.72 0.00	46.71 2.06 0.00	44.24 1.82 0.00	35.01 1.42 -2.10	32.53 1.43 0.00	31.87 1.42 -0.01	32.88 1.48 -0.07	40.82 1.28 -12.67	39.01 1.88 0.00	41.56 1.73 0.00	36.77 1.43 0.00	32.86 1.36 0.00	31.30 1.20 0.00	30.37 1.14 0.00	26.34 0.93 0.00
STEUBEN_REC_LFGE 323667	32.75 -2.78 0.00	33.43 -2.92 0.00	38.90 -3.70 0.00	34.49 -3.31 0.00	28.70 -2.54 0.00	33.16 -2.86 0.00	32.87 -3.21 -0.31	41.81 -3.04 -14.43	28.50 -3.09 0.00	30.31 -3.23 0.00	40.46 -4.19 0.00	38.81 -3.61 0.00	29.50 -2.36 -0.38	29.31 -1.80 0.00	28.68 -1.76 0.00	29.86 -1.50 -0.01	27.78 -1.36 -2.26	35.27 -1.86 0.00	37.23 -2.61 0.00	32.79 -2.54 0.00	29.04 -2.46 0.00	27.52 -2.57 0.00	26.83 -2.41 0.00	23.14 -2.26 0.00
STILLWATER___SOLAR 323814	37.37 1.85 0.00	38.16 1.82 0.00	44.72 2.12 0.00	39.71 1.92 0.00	32.82 1.58 0.00	37.86 1.84 0.00	37.66 1.88 0.00	32.08 1.65 0.00	33.32 1.73 0.00	35.37 1.84 0.00	47.04 2.40 0.00	44.68 2.26 0.00	35.34 1.69 -2.16	32.80 1.69 0.00	32.10 1.65 -0.01	33.15 1.74 -0.07	41.48 1.58 -13.03	39.41 2.28 0.00	42.09 2.26 0.00	37.21 1.88 0.00	33.17 1.67 0.00	31.59 1.50 0.00	30.62 1.38 0.00	26.56 1.15 0.00
STONY___BROOK 24151	38.76 3.23 0.00	39.36 3.02 0.00	46.20 3.60 0.00	41.05 3.25 0.00	33.98 2.74 0.00	39.03 3.00 0.00	38.77 3.00 0.00	33.23 2.80 0.00	34.43 2.84 0.00	36.38 2.85 0.00	49.05 4.40 0.00	46.73 4.31 0.00	36.07 2.87 -1.71	34.00 2.89 0.00	33.46 3.02 -0.01	34.34 2.94 -0.05	39.69 2.51 -10.31	40.63 3.50 0.00	43.41 3.57 0.00	38.39 3.06 0.00	34.25 2.75 0.00	32.81 2.67 -0.05	31.57 2.33 0.00	27.28 1.87 0.00
STURGEON_POOL_HYD 23609	38.16 2.63 0.00	38.88 2.54 0.00	45.63 3.03 0.00	40.44 2.64 0.00	33.42 2.18 0.00	38.49 2.47 0.00	38.24 2.47 0.00	32.63 2.20 0.00	33.96 2.37 0.00	36.08 2.54 0.00	48.30 3.65 0.00	46.00 3.58 0.00	35.81 2.62 -1.71	33.66 2.55 0.00	32.95 2.51 -0.01	33.97 2.58 -0.05	39.50 2.33 -10.30	40.52 3.39 0.00	43.13 3.29 0.00	38.04 2.71 0.00	33.88 2.38 0.00	32.29 2.20 0.00	31.24 2.01 0.00	27.03 1.62 0.00
ST_LAW_115_BK7_LBMP 345037	35.75 0.22 0.00	36.63 0.29 0.00	42.90 0.30 0.00	38.02 0.23 0.00	31.39 0.15 0.00	36.20 0.18 0.00	36.01 0.24 0.00	30.64 0.21 0.00	31.75 0.16 0.00	33.77 0.23 0.00	44.95 0.30 0.00	42.69 0.27 0.00	31.35 -0.14 0.00	29.23 -1.88 0.00	28.47 -1.97 0.00	29.15 -2.19 0.00	25.71 -1.16 0.00	36.69 -0.43 0.00	39.78 -0.06 0.00	35.49 0.15 0.00	31.57 0.07 0.00	30.18 0.09 0.00	29.45 0.21 0.00	25.64 0.24 0.00

ST_LAW_115_BK8_LBMP 345038	35.75 0.22 0.00	36.63 0.29 0.00	42.90 0.30 0.00	38.02 0.23 0.00	31.39 0.15 0.00	36.20 0.18 0.00	36.01 0.24 0.00	30.64 0.21 0.00	31.75 0.16 0.00	33.77 0.23 0.00	44.95 0.30 0.00	42.69 0.27 0.00	31.35 -0.14 0.00	29.23 -1.88 0.00	28.47 -1.97 0.00	29.15 -2.19 0.00	25.71 -1.16 0.00	36.69 -0.43 0.00	39.78 -0.06 0.00	35.49 0.15 0.00	31.57 0.07 0.00	30.18 0.09 0.00	29.45 0.21 0.00	25.64 0.24 0.00
ST_LAW_230_BK5_LBMP 345035	35.73 0.20 0.00	36.60 0.26 0.00	42.86 0.26 0.00	38.00 0.21 0.00	31.36 0.13 0.00	36.18 0.16 0.00	36.00 0.23 0.00	30.62 0.19 0.00	31.74 0.15 0.00	33.76 0.22 0.00	44.94 0.29 0.00	42.68 0.26 0.00	31.35 -0.14 0.00	29.27 -1.84 0.00	28.51 -1.94 0.00	29.20 -2.15 0.00	25.74 -1.13 0.00	36.73 -0.40 0.00	39.79 -0.04 0.00	35.49 0.16 0.00	31.57 0.08 0.00	30.18 0.09 0.00	29.42 0.19 0.00	25.62 0.21 0.00
ST_LAW_230_BK6_LBMP 345036	35.73 0.20 0.00	36.60 0.26 0.00	42.86 0.26 0.00	38.00 0.21 0.00	31.36 0.13 0.00	36.18 0.16 0.00	36.00 0.23 0.00	30.62 0.19 0.00	31.74 0.15 0.00	33.76 0.22 0.00	44.94 0.29 0.00	42.68 0.26 0.00	31.35 -0.14 0.00	29.27 -1.84 0.00	28.51 -1.94 0.00	29.20 -2.15 0.00	25.74 -1.13 0.00	36.73 -0.40 0.00	39.79 -0.04 0.00	35.49 0.16 0.00	31.57 0.08 0.00	30.18 0.09 0.00	29.42 0.19 0.00	25.62 0.21 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.98 1.44 0.00	37.75 1.41 0.00	44.34 1.74 0.00	39.33 1.54 0.00	32.49 1.25 0.00	37.43 1.41 0.00	37.15 1.37 0.00	31.66 1.23 0.00	32.90 1.31 0.00	34.92 1.39 0.00	46.67 2.03 0.00	44.39 1.97 0.00	34.51 1.48 -1.54	32.59 1.48 0.00	31.90 1.45 0.00	32.86 1.48 -0.05	37.47 1.33 -9.27	39.10 1.97 0.00	41.62 1.79 0.00	36.75 1.41 0.00	32.74 1.24 0.00	31.28 1.19 0.00	30.33 1.10 0.00	26.30 0.89 0.00
SWANROAD_115KV_TB1 355699	30.87 -4.66 0.00	31.67 -4.67 0.00	37.02 -5.58 0.00	32.80 -4.99 0.00	27.19 -4.05 0.00	31.47 -4.56 0.00	30.93 -4.75 0.10	21.30 -4.57 4.56	26.52 -5.07 0.00	28.14 -5.40 0.00	37.50 -7.15 0.00	35.91 -6.51 0.00	27.35 -4.41 -0.26	27.68 -3.42 0.00	26.83 -3.61 0.00	27.85 -3.50 -0.01	25.24 -3.21 -1.59	32.69 -4.44 0.00	34.64 -5.20 0.00	30.82 -4.51 0.00	27.50 -4.00 0.00	26.21 -3.88 0.00	25.49 -3.75 0.00	22.08 -3.32 0.00
SYNERGY___BIOGAS 323694	32.78 -2.75 0.00	33.56 -2.78 0.00	39.23 -3.37 0.00	34.76 -3.03 0.00	28.80 -2.44 0.00	33.34 -2.68 0.00	32.88 -2.83 0.06	24.61 -2.83 3.00	28.43 -3.16 0.00	30.09 -3.45 0.00	40.12 -4.53 0.00	38.31 -4.11 0.00	28.82 -2.91 -0.24	29.18 -1.93 0.00	28.35 -2.10 0.00	29.49 -1.86 -0.01	26.70 -1.62 -1.45	34.96 -2.17 0.00	37.06 -2.78 0.00	32.88 -2.46 0.00	29.29 -2.21 0.00	27.88 -2.21 0.00	27.08 -2.16 0.00	23.41 -2.00 0.00
SYRACUSE___ENERGY_ST1 323597	34.68 -0.85 0.00	35.44 -0.90 0.00	41.52 -1.08 0.00	36.84 -0.95 0.00	30.49 -0.74 0.00	35.17 -0.85 0.00	34.90 -0.87 0.00	29.67 -0.76 0.00	30.83 -0.76 0.00	32.68 -0.85 0.00	43.46 -1.18 0.00	41.30 -1.13 0.00	30.94 -0.72 -0.17	30.66 -0.45 0.00	30.00 -0.44 0.00	30.92 -0.43 -0.01	27.59 -0.32 -1.04	36.67 -0.46 0.00	39.15 -0.69 0.00	34.64 -0.69 0.00	30.90 -0.60 0.00	29.50 -0.59 0.00	28.65 -0.58 0.00	24.89 -0.51 0.00
SYRACUSE___ENERGY_ST2 323598	34.68 -0.85 0.00	35.44 -0.90 0.00	41.52 -1.08 0.00	36.84 -0.95 0.00	30.49 -0.74 0.00	35.17 -0.85 0.00	34.90 -0.87 0.00	29.67 -0.76 0.00	30.83 -0.76 0.00	32.68 -0.85 0.00	43.46 -1.18 0.00	41.30 -1.13 0.00	30.94 -0.72 -0.17	30.66 -0.45 0.00	30.00 -0.44 0.00	30.92 -0.43 -0.01	27.59 -0.32 -1.04	36.67 -0.46 0.00	39.15 -0.69 0.00	34.64 -0.69 0.00	30.90 -0.60 0.00	29.50 -0.59 0.00	28.65 -0.58 0.00	24.89 -0.51 0.00
SYRACUSE___POWER 24017	34.68 -0.85 0.00	35.43 -0.91 0.00	41.52 -1.08 0.00	36.82 -0.97 0.00	30.49 -0.74 0.00	35.18 -0.84 0.00	34.92 -0.86 0.00	29.67 -0.75 0.00	30.82 -0.77 0.00	32.68 -0.85 0.00	43.47 -1.18 0.00	41.30 -1.13 0.00	30.94 -0.72 -0.18	30.67 -0.44 0.00	30.02 -0.42 0.00	30.93 -0.41 -0.01	27.64 -0.31 -1.09	36.68 -0.45 0.00	39.18 -0.65 0.00	34.65 -0.68 0.00	30.92 -0.58 0.00	29.50 -0.60 0.00	28.64 -0.60 0.00	24.88 -0.53 0.00
TALLMAN___138KV_BK151 55660	36.96 1.43 0.00	37.78 1.44 0.00	44.41 1.81 0.00	39.39 1.60 0.00	32.53 1.29 0.00	37.46 1.44 0.00	37.19 1.41 0.00	31.68 1.25 0.00	32.93 1.34 0.00	34.95 1.42 0.00	46.74 2.10 0.00	44.47 2.05 0.00	34.58 1.53 -1.57	32.63 1.52 0.00	31.95 1.50 0.00	32.90 1.51 -0.05	37.68 1.36 -9.45	39.18 2.05 0.00	41.66 1.82 0.00	36.76 1.42 0.00	32.74 1.24 0.00	31.30 1.21 0.00	30.39 1.16 0.00	26.35 0.94 0.00
TEALLAVE_115KV_TB7 355573	34.46 -1.07 0.00	35.21 -1.13 0.00	41.26 -1.34 0.00	36.59 -1.20 0.00	30.31 -0.92 0.00	34.98 -1.05 0.00	34.72 -1.06 0.00	29.49 -0.93 0.00	30.63 -0.96 0.00	32.48 -1.05 0.00	43.21 -1.44 0.00	41.06 -1.36 0.00	30.75 -0.90 -0.15	30.51 -0.60 0.00	29.85 -0.60 0.00	30.76 -0.59 0.00	27.31 -0.47 -0.91	36.44 -0.69 0.00	38.90 -0.93 0.00	34.44 -0.90 0.00	30.71 -0.79 0.00	29.31 -0.78 0.00	28.46 -0.77 0.00	24.73 -0.67 0.00
TELGRAPH_34_KV_EAST 80808	31.93 -3.60 0.00	32.72 -3.62 0.00	38.24 -4.37 0.00	33.89 -3.90 0.00	28.08 -3.16 0.00	32.50 -3.52 0.00	32.00 -3.69 0.08	23.02 -3.65 3.76	27.55 -4.04 0.00	29.23 -4.30 0.00	38.97 -5.68 0.00	37.29 -5.13 0.00	28.24 -3.49 -0.25	28.57 -2.53 0.00	27.71 -2.73 0.00	28.79 -2.56 -0.01	26.04 -2.34 -1.51	33.89 -3.24 0.00	35.94 -3.90 0.00	31.94 -3.40 0.00	28.47 -3.03 0.00	27.11 -2.98 0.00	26.36 -2.87 0.00	22.81 -2.59 0.00
TEMPLE___115KV_TB 2 55572	34.47 -1.06 0.00	35.22 -1.12 0.00	41.27 -1.33 0.00	36.61 -1.18 0.00	30.33 -0.91 0.00	34.99 -1.03 0.00	34.72 -1.06 0.00	29.51 -0.92 0.00	30.63 -0.95 0.00	32.49 -1.04 0.00	43.23 -1.41 0.00	41.08 -1.34 0.00	30.75 -0.89 -0.15	30.52 -0.59 0.00	29.86 -0.58 0.00	30.77 -0.58 0.00	27.33 -0.46 -0.92	36.46 -0.68 0.00	38.93 -0.91 0.00	34.45 -0.89 0.00	30.73 -0.77 0.00	29.32 -0.77 0.00	28.47 -0.76 0.00	24.74 -0.67 0.00
TIANA____69_KV_BK 1 55817	39.24 3.71 0.00	39.80 3.46 0.00	46.72 4.12 0.00	41.49 3.70 0.00	34.40 3.17 0.00	39.56 3.54 0.00	39.29 3.51 0.00	33.73 3.30 0.00	34.88 3.29 0.00	36.74 3.21 0.00	49.58 4.93 0.00	47.14 4.72 0.00	36.19 2.99 -1.71	34.07 2.97 0.00	33.70 3.26 -0.01	34.51 3.12 -0.05	39.82 2.65 -10.31	40.85 3.73 0.00	43.69 3.86 0.00	38.63 3.30 0.00	34.47 2.97 0.00	33.03 2.88 -0.05	31.67 2.44 0.00	27.32 1.92 0.00
TILDEN___115KV_TB1 80814	34.68 -0.85 0.00	35.43 -0.91 0.00	41.52 -1.08 0.00	36.82 -0.97 0.00	30.49 -0.74 0.00	35.18 -0.84 0.00	34.92 -0.86 0.00	29.67 -0.75 0.00	30.82 -0.77 0.00	32.68 -0.85 0.00	43.47 -1.18 0.00	41.30 -1.13 0.00	30.94 -0.72 -0.18	30.67 -0.44 0.00	30.02 -0.42 0.00	30.93 -0.41 -0.01	27.64 -0.31 -1.09	36.68 -0.45 0.00	39.18 -0.65 0.00	34.65 -0.68 0.00	30.92 -0.58 0.00	29.50 -0.60 0.00	28.64 -0.60 0.00	24.88 -0.53 0.00

TRIGEN___CC 323695	37.90 2.36 0.00	38.58 2.24 0.00	45.32 2.72 0.00	40.21 2.42 0.00	33.24 2.01 0.00	38.23 2.20 0.00	37.98 2.21 0.00	32.48 2.05 0.00	33.69 2.10 0.00	35.70 2.16 0.00	47.96 3.31 0.00	45.68 3.26 0.00	35.45 2.25 -1.71	33.34 2.24 0.00	32.69 2.25 -0.01	33.62 2.22 -0.05	39.11 1.93 -10.31	39.80 2.67 0.00	42.46 2.62 0.00	37.55 2.21 0.00	33.50 2.01 0.00	32.10 1.93 -0.09	30.94 1.71 0.00	26.81 1.40 0.00
TRINITY___115KV___4 BK 55933	36.91 1.38 0.00	37.68 1.34 0.00	44.19 1.60 0.00	39.25 1.46 0.00	32.44 1.20 0.00	37.41 1.39 0.00	37.16 1.38 0.00	31.63 1.20 0.00	32.86 1.27 0.00	34.84 1.31 0.00	46.25 1.60 0.00	43.71 1.28 0.00	34.60 1.01 -2.11	32.15 1.04 0.00	31.49 1.05 -0.01	32.44 1.04 -0.07	40.49 0.92 -12.70	38.48 1.35 0.00	41.07 1.23 0.00	36.34 1.00 0.00	32.46 0.96 0.00	30.97 0.88 0.00	30.02 0.78 0.00	26.08 0.67 0.00
UNION___PROCESSING_DRP 323587	33.10 -2.43 0.00	33.89 -2.45 0.00	39.62 -2.98 0.00	35.13 -2.66 0.00	29.09 -2.15 0.00	33.63 -2.40 0.00	33.27 -2.50 0.00	27.96 -2.48 0.00	28.94 -2.65 0.00	30.69 -2.84 0.00	40.88 -3.77 0.00	39.01 -3.42 0.00	29.37 -2.33 -0.21	29.41 -1.69 0.00	28.65 -1.80 0.00	29.65 -1.70 -0.01	26.65 -1.49 -1.27	35.07 -2.06 0.00	37.31 -2.53 0.00	33.11 -2.22 0.00	29.50 -2.00 0.00	28.13 -1.97 0.00	27.33 -1.90 0.00	23.68 -1.73 0.00
UPPER HUDSON___HYD 24058	37.11 1.58 0.00	37.88 1.55 0.00	44.36 1.76 0.00	39.43 1.63 0.00	32.59 1.35 0.00	37.56 1.53 0.00	37.45 1.68 0.00	31.94 1.52 0.00	33.19 1.60 0.00	35.25 1.72 0.00	46.84 2.19 0.00	44.54 2.12 0.00	35.21 1.55 -2.17	32.68 1.58 0.00	31.97 1.52 -0.01	33.01 1.61 -0.07	41.46 1.50 -13.10	39.33 2.20 0.00	42.00 2.16 0.00	37.11 1.78 0.00	33.05 1.55 0.00	31.43 1.34 0.00	30.42 1.19 0.00	26.41 1.00 0.00
UPPER RAQUET___HYD 24056	35.61 0.07 0.00	36.43 0.09 0.00	42.69 0.09 0.00	37.85 0.06 0.00	31.22 -0.01 0.00	35.87 -0.15 0.00	35.55 -0.23 0.00	30.44 0.01 0.00	31.42 -0.17 0.00	33.42 -0.12 0.00	44.35 -0.30 0.00	42.04 -0.38 0.00	30.90 -0.62 -0.03	28.85 -2.26 0.00	28.15 -2.29 0.00	28.80 -2.54 0.00	25.59 -1.51 -0.23	36.12 -1.01 0.00	39.14 -0.70 0.00	34.92 -0.41 0.00	31.05 -0.45 0.00	29.70 -0.39 0.00	29.24 0.00 0.00	25.53 0.13 0.00
VALLEY44_115KV_TB2 355964	33.16 -2.37 0.00	33.96 -2.38 0.00	39.76 -2.84 0.00	35.28 -2.51 0.00	29.20 -2.03 0.00	33.77 -2.25 0.00	33.10 -2.63 0.05	25.31 -2.81 2.31	28.55 -3.04 0.00	30.34 -3.19 0.00	40.43 -4.22 0.00	38.81 -3.61 0.00	29.49 -2.32 -0.32	29.64 -1.47 0.00	28.85 -1.59 0.00	29.84 -1.51 -0.01	27.25 -1.55 -1.93	35.06 -2.07 0.00	37.05 -2.78 0.00	32.73 -2.61 0.00	29.18 -2.32 0.00	27.77 -2.32 0.00	27.19 -2.04 0.00	23.61 -1.79 0.00
VALLEY___115KV_TB 1-4 80826	36.12 0.59 0.00	36.89 0.55 0.00	43.18 0.58 0.00	38.40 0.60 0.00	31.79 0.55 0.00	36.66 0.64 0.00	36.33 0.55 0.00	30.98 0.55 0.00	32.26 0.67 0.00	34.36 0.82 0.00	45.79 1.14 0.00	43.45 1.04 0.00	32.19 0.70 0.00	31.85 0.74 0.00	31.18 0.74 0.00	32.16 0.81 0.00	27.64 0.77 0.00	38.36 1.23 0.00	40.91 1.07 0.00	36.13 0.80 0.00	32.23 0.73 0.00	30.76 0.67 0.00	29.78 0.55 0.00	25.79 0.39 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	37.35 1.82 0.00	38.09 1.75 0.00	44.65 2.05 0.00	39.62 1.82 0.00	32.76 1.52 0.00	37.78 1.75 0.00	37.53 1.75 0.00	31.99 1.56 0.00	33.29 1.70 0.00	35.39 1.86 0.00	47.18 2.53 0.00	44.82 2.40 0.00	34.06 1.84 -0.74	32.99 1.88 0.00	32.24 1.79 0.00	33.22 1.86 -0.02	33.01 1.70 -4.45	39.54 2.41 0.00	42.23 2.40 0.00	37.33 1.99 0.00	33.27 1.77 0.00	31.65 1.56 0.00	30.66 1.42 0.00	26.58 1.17 0.00
VISCHER___FERRY HYD 24020	37.18 1.65 0.00	37.96 1.62 0.00	44.52 1.92 0.00	39.53 1.74 0.00	32.67 1.43 0.00	37.68 1.66 0.00	37.43 1.65 0.00	31.86 1.44 0.00	33.10 1.51 0.00	35.10 1.57 0.00	46.66 2.02 0.00	44.29 1.87 0.00	35.04 1.42 -2.13	32.54 1.43 0.00	31.85 1.41 -0.01	32.86 1.45 -0.07	41.01 1.30 -12.84	39.03 1.90 0.00	41.67 1.84 0.00	36.86 1.53 0.00	32.89 1.39 0.00	31.35 1.26 0.00	30.38 1.15 0.00	26.36 0.95 0.00
V_A_10_SYNC_DSASP 323832	31.87 -3.66 0.00	32.67 -3.68 0.00	38.18 -4.41 0.00	33.86 -3.93 0.00	28.04 -3.20 0.00	32.44 -3.58 0.00	31.91 -3.80 0.06	23.80 -3.72 2.91	27.55 -4.04 0.00	29.27 -4.26 0.00	38.97 -5.67 0.00	37.30 -5.12 0.00	28.26 -3.46 -0.23	28.47 -2.64 0.00	27.65 -2.80 0.00	28.65 -2.70 -0.01	25.83 -2.46 -1.42	33.72 -3.41 0.00	35.77 -4.06 0.00	31.78 -3.56 0.00	28.34 -3.16 0.00	27.02 -3.07 0.00	26.31 -2.92 0.00	22.79 -2.61 0.00
V_CMM_10_SYNC_DSASP 323787	35.93 0.39 0.00	36.81 0.47 0.00	43.10 0.50 0.00	38.20 0.41 0.00	31.53 0.30 0.00	36.38 0.35 0.00	36.19 0.41 0.00	30.79 0.36 0.00	31.91 0.32 0.00	33.93 0.40 0.00	45.17 0.52 0.00	42.90 0.48 0.00	31.51 0.02 0.00	29.39 -1.72 0.00	28.63 -1.81 0.00	29.31 -2.03 0.00	25.84 -1.02 0.00	36.89 -0.24 0.00	39.98 0.14 0.00	35.66 0.32 0.00	31.72 0.22 0.00	30.33 0.23 0.00	29.57 0.34 0.00	25.75 0.35 0.00
V_CMP_10_SYNC_DSASP 323788	36.49 0.96 0.00	37.38 1.04 0.00	43.69 1.09 0.00	38.65 0.86 0.00	31.95 0.71 0.00	36.83 0.80 0.00	36.71 0.94 0.00	31.25 0.82 0.00	32.37 0.78 0.00	34.38 0.84 0.00	45.77 1.12 0.00	43.46 1.04 0.00	32.03 0.54 0.00	29.91 -1.19 0.00	29.14 -1.30 0.00	29.84 -1.50 0.00	26.25 -0.62 0.00	37.37 0.24 0.00	40.31 0.48 0.00	36.03 0.69 0.00	31.96 0.46 0.00	30.58 0.48 0.00	29.74 0.51 0.00	25.97 0.57 0.00
V_D_10_SYNC_DSASP 323841	36.05 0.52 0.00	36.91 0.57 0.00	43.24 0.64 0.00	38.32 0.53 0.00	31.64 0.40 0.00	36.47 0.45 0.00	36.27 0.49 0.00	30.97 0.54 0.00	31.99 0.39 0.00	34.01 0.48 0.00	45.25 0.61 0.00	42.97 0.55 0.00	31.57 0.06 -0.02	29.45 -1.66 0.00	28.69 -1.75 0.00	29.37 -1.97 0.00	26.07 -0.97 -0.17	36.94 -0.19 0.00	40.04 0.21 0.00	35.72 0.38 0.00	31.76 0.26 0.00	30.38 0.28 0.00	29.74 0.50 0.00	25.90 0.50 0.00
V_E_10_SYNC_DSASP 323830	36.22 0.69 0.00	37.05 0.71 0.00	43.12 0.52 0.00	38.15 0.36 0.00	31.64 0.40 0.00	36.48 0.45 0.00	36.42 0.64 0.00	30.96 0.53 0.00	32.30 0.71 0.00	34.36 0.82 0.00	45.96 1.32 0.00	43.73 1.31 0.00	33.21 1.20 -0.52	32.97 1.86 0.00	32.13 1.69 0.00	33.33 1.97 -0.02	32.06 2.02 -3.16	40.03 2.90 0.00	42.75 2.91 0.00	37.62 2.28 0.00	33.55 2.05 0.00	31.76 1.67 0.00	30.80 1.57 0.00	26.60 1.20 0.00
V_F_30_NSYNC___DSASP 323816	37.39 1.86 0.00	38.17 1.83 0.00	44.74 2.14 0.00	39.74 1.95 0.00	32.84 1.60 0.00	37.89 1.87 0.00	37.67 1.89 0.00	32.09 1.66 0.00	33.35 1.76 0.00	35.40 1.87 0.00	47.09 2.45 0.00	44.73 2.30 0.00	35.37 1.72 -2.17	32.84 1.73 0.00	32.14 1.69 -0.01	33.18 1.77 -0.07	41.54 1.60 -13.06	39.45 2.32 0.00	42.13 2.29 0.00	37.24 1.91 0.00	33.20 1.69 0.00	31.62 1.53 0.00	30.65 1.41 0.00	26.58 1.17 0.00

V_F_30_SYNC_DSASP 323786	37.03 1.49 0.00	37.78 1.44 0.00	44.32 1.72 0.00	39.34 1.55 0.00	32.53 1.29 0.00	37.52 1.49 0.00	37.27 1.49 0.00	31.73 1.30 0.00	32.97 1.38 0.00	34.97 1.43 0.00	46.41 1.76 0.00	43.87 1.45 0.00	34.74 1.13 -2.12	32.27 1.16 0.00	31.62 1.17 -0.01	32.57 1.16 -0.07	40.70 1.03 -12.79	38.65 1.52 0.00	41.23 1.40 0.00	36.48 1.15 0.00	32.58 1.08 0.00	31.09 0.99 0.00	30.11 0.88 0.00	26.16 0.76 0.00
V_XM_10_SYNC_DSASP 323789	36.49 0.96 0.00	37.38 1.04 0.00	43.69 1.09 0.00	38.65 0.86 0.00	31.95 0.71 0.00	36.83 0.80 0.00	36.71 0.94 0.00	31.25 0.82 0.00	32.37 0.78 0.00	34.38 0.84 0.00	45.77 1.12 0.00	43.46 1.04 0.00	32.03 0.54 0.00	29.91 -1.19 0.00	29.14 -1.30 0.00	29.84 -1.50 0.00	26.25 -0.62 0.00	37.37 0.24 0.00	40.31 0.48 0.00	36.03 0.69 0.00	31.96 0.46 0.00	30.58 0.48 0.00	29.74 0.51 0.00	25.97 0.57 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	37.05 1.52 0.00	37.88 1.54 0.00	44.57 1.97 0.00	39.52 1.73 0.00	32.63 1.40 0.00	37.60 1.58 0.00	37.32 1.55 0.00	31.80 1.37 0.00	33.05 1.47 0.00	35.09 1.55 0.00	46.92 2.27 0.00	44.64 2.22 0.00	34.71 1.65 -1.57	32.76 1.65 0.00	32.07 1.62 0.00	33.03 1.64 -0.05	37.81 1.47 -9.47	39.33 2.20 0.00	41.84 2.01 0.00	36.92 1.58 0.00	32.88 1.39 0.00	31.44 1.34 0.00	30.52 1.28 0.00	26.45 1.05 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	37.43 1.90 0.00	38.16 1.82 0.00	44.81 2.21 0.00	39.74 1.94 0.00	32.82 1.58 0.00	37.83 1.81 0.00	37.56 1.78 0.00	32.03 1.60 0.00	33.30 1.71 0.00	35.35 1.81 0.00	47.34 2.69 0.00	45.06 2.64 0.00	35.18 1.99 -1.71	33.02 1.91 0.00	32.33 1.89 -0.01	33.31 1.91 -0.05	38.86 1.68 -10.30	39.55 2.42 0.00	42.09 2.26 0.00	37.17 1.83 0.00	33.14 1.64 0.00	31.61 1.52 0.00	30.59 1.36 0.00	26.51 1.11 0.00
W50THST__13_KV_LOAD 356117	37.56 2.03 0.00	38.27 1.93 0.00	44.94 2.34 0.00	39.86 2.06 0.00	32.92 1.68 0.00	37.95 1.93 0.00	37.69 1.91 0.00	32.15 1.72 0.00	33.42 1.83 0.00	35.49 1.95 0.00	47.53 2.88 0.00	45.25 2.83 0.00	35.33 2.13 -1.71	33.17 2.06 0.00	32.47 2.02 -0.01	33.44 2.05 -0.05	38.97 1.80 -10.30	39.71 2.58 0.00	42.25 2.42 0.00	37.29 1.95 0.00	33.27 1.77 0.00	31.72 1.63 0.00	30.69 1.45 0.00	26.59 1.19 0.00
WADING RIVER_IC_1 23522	39.07 3.55 0.00	39.64 3.30 0.00	46.54 3.94 0.00	41.35 3.56 0.00	34.26 3.03 0.00	39.37 3.35 0.00	39.10 3.33 0.00	33.56 3.13 0.00	34.73 3.14 0.00	36.62 3.08 0.00	49.40 4.75 0.00	47.00 4.58 0.00	36.05 2.86 -1.71	33.97 2.86 0.00	33.65 3.20 -0.01	34.47 3.08 -0.05	39.79 2.61 -10.31	40.80 3.67 0.00	43.61 3.78 0.00	38.56 3.22 0.00	34.40 2.90 0.00	32.99 2.84 -0.05	31.66 2.43 0.00	27.34 1.93 0.00
WADING RIVER_IC_2 23547	39.07 3.55 0.00	39.64 3.30 0.00	46.54 3.94 0.00	41.35 3.56 0.00	34.26 3.03 0.00	39.37 3.35 0.00	39.10 3.33 0.00	33.56 3.13 0.00	34.73 3.14 0.00	36.62 3.08 0.00	49.40 4.75 0.00	47.00 4.58 0.00	36.05 2.86 -1.71	33.97 2.86 0.00	33.65 3.20 -0.01	34.47 3.08 -0.05	39.79 2.61 -10.31	40.80 3.67 0.00	43.61 3.78 0.00	38.56 3.22 0.00	34.40 2.90 0.00	32.99 2.84 -0.05	31.66 2.43 0.00	27.34 1.93 0.00
WADING RIVER_IC_3 23601	39.07 3.55 0.00	39.64 3.30 0.00	46.54 3.94 0.00	41.35 3.56 0.00	34.26 3.03 0.00	39.37 3.35 0.00	39.10 3.33 0.00	33.56 3.13 0.00	34.73 3.14 0.00	36.62 3.08 0.00	49.40 4.75 0.00	47.00 4.58 0.00	36.05 2.86 -1.71	33.97 2.86 0.00	33.65 3.20 -0.01	34.47 3.08 -0.05	39.79 2.61 -10.31	40.80 3.67 0.00	43.61 3.78 0.00	38.56 3.22 0.00	34.40 2.90 0.00	32.99 2.84 -0.05	31.66 2.43 0.00	27.34 1.93 0.00
WALDENNY_12_KV_BK2 80841	31.99 -3.54 0.00	32.78 -3.56 0.00	38.29 -4.31 0.00	33.94 -3.85 0.00	28.11 -3.12 0.00	32.54 -3.48 0.00	31.91 -3.73 0.13	20.76 -3.72 5.95	27.52 -4.07 0.00	29.26 -4.27 0.00	39.00 -5.65 0.00	37.38 -5.04 0.00	28.43 -3.35 -0.28	28.72 -2.39 0.00	27.88 -2.57 0.00	28.93 -2.42 -0.01	26.34 -2.24 -1.70	34.09 -3.04 0.00	36.12 -3.71 0.00	32.08 -3.26 0.00	28.60 -2.90 0.00	27.22 -2.88 0.00	26.51 -2.73 0.00	22.94 -2.47 0.00
WALDEN__HYDRO 24148	37.36 1.83 0.00	38.11 1.77 0.00	44.75 2.15 0.00	39.68 1.89 0.00	32.78 1.54 0.00	37.77 1.75 0.00	37.51 1.73 0.00	31.97 1.54 0.00	33.25 1.66 0.00	35.30 1.77 0.00	47.20 2.55 0.00	44.90 2.48 0.00	34.94 1.84 -1.61	32.94 1.83 0.00	32.25 1.80 -0.01	33.23 1.84 -0.05	38.25 1.65 -9.73	39.57 2.43 0.00	42.11 2.28 0.00	37.16 1.83 0.00	33.11 1.62 0.00	31.61 1.52 0.00	30.63 1.39 0.00	26.53 1.13 0.00
WARRENSBURG____ 23737	37.11 1.58 0.00	37.88 1.55 0.00	44.36 1.76 0.00	39.43 1.63 0.00	32.59 1.35 0.00	37.56 1.53 0.00	37.45 1.68 0.00	31.94 1.52 0.00	33.19 1.60 0.00	35.25 1.72 0.00	46.84 2.19 0.00	44.54 2.12 0.00	35.21 1.55 -2.17	32.68 1.58 0.00	31.97 1.52 -0.01	33.01 1.61 -0.07	41.46 1.50 -13.10	39.33 2.20 0.00	42.00 2.16 0.00	37.11 1.78 0.00	33.05 1.55 0.00	31.43 1.34 0.00	30.42 1.19 0.00	26.41 1.00 0.00
WATERSIDE____6 8 9 23538	33.17 1.98 4.34	34.95 1.89 3.28	43.03 2.31 1.89	36.88 2.03 2.94	28.50 1.65 4.39	34.55 1.87 3.35	34.27 1.84 3.35	27.58 1.65 4.50	29.09 1.77 4.27	31.49 1.86 3.91	35.89 2.77 11.52	43.16 2.70 1.96	30.59 2.03 2.93	30.16 1.97 2.91	29.32 1.94 3.07	30.45 1.96 2.84	36.87 1.72 -8.28	38.02 2.47 1.58	35.62 2.30 6.52	25.24 1.88 11.97	21.83 1.69 11.36	18.91 1.58 12.76	26.64 1.42 4.01	22.50 1.17 4.07
WATKINRD_115KV_LN8_ILLION 55919	36.02 0.49 0.00	36.78 0.44 0.00	43.09 0.49 0.00	38.26 0.47 0.00	31.65 0.41 0.00	36.50 0.47 0.00	36.20 0.43 0.00	30.84 0.41 0.00	32.09 0.50 0.00	34.12 0.59 0.00	45.43 0.78 0.00	43.14 0.72 0.00	31.98 0.49 0.00	31.61 0.50 0.00	30.93 0.49 0.00	31.90 0.56 0.00	27.42 0.54 0.00	38.01 0.88 0.00	40.59 0.75 0.00	35.88 0.54 0.00	31.99 0.50 0.00	30.54 0.44 0.00	29.59 0.36 0.00	25.66 0.25 0.00
WATSON____69_KV_BK 1 55734	38.97 3.44 0.00	39.57 3.23 0.00	46.49 3.89 0.00	41.27 3.47 0.00	34.16 2.92 0.00	39.24 3.22 0.00	39.00 3.22 0.00	33.41 2.98 0.00	34.62 3.03 0.00	36.61 3.08 0.00	49.31 4.66 0.00	46.99 4.56 0.00	36.31 3.11 -1.71	34.23 3.12 0.00	33.65 3.20 -0.01	34.54 3.15 -0.05	39.90 2.72 -10.31	40.92 3.79 0.00	43.71 3.88 0.00	38.66 3.32 0.00	34.47 2.98 0.00	33.01 2.87 -0.05	31.78 2.55 0.00	27.48 2.07 0.00
WDELAWARE__HYD 323627	37.01 1.48 0.00	37.70 1.36 0.00	44.21 1.61 0.00	39.21 1.41 0.00	32.40 1.16 0.00	37.34 1.32 0.00	37.11 1.34 0.00	31.66 1.23 0.00	32.94 1.35 0.00	35.01 1.47 0.00	46.77 2.13 0.00	44.52 2.10 0.00	34.52 1.51 -1.52	32.61 1.50 0.00	31.89 1.45 0.00	32.88 1.49 -0.05	37.44 1.41 -9.16	39.23 2.10 0.00	41.78 1.94 0.00	36.87 1.54 0.00	32.84 1.34 0.00	31.32 1.23 0.00	30.32 1.08 0.00	26.24 0.83 0.00

WEST BABYLON___IC 23714	38.73 3.20 0.00	39.35 3.01 0.00	46.24 3.65 0.00	41.04 3.25 0.00	33.96 2.72 0.00	39.02 3.00 0.00	38.78 3.00 0.00	33.21 2.78 0.00	34.40 2.81 0.00	36.42 2.88 0.00	49.00 4.36 0.00	46.71 4.29 0.00	36.13 2.93 -1.71	34.04 2.94 0.00	33.43 2.99 -0.01	34.34 2.95 -0.05	39.74 2.56 -10.31	40.70 3.57 0.00	43.46 3.63 0.00	38.42 3.08 0.00	34.28 2.78 0.00	32.83 2.68 -0.05	31.62 2.39 0.00	27.35 1.94 0.00
WEST CANADA___HYD 24049	35.63 0.10 0.00	36.41 0.07 0.00	42.69 0.09 0.00	37.90 0.11 0.00	31.32 0.07 0.00	36.09 0.07 0.00	35.85 0.07 0.00	30.49 0.06 0.00	31.66 0.07 0.00	33.61 0.07 0.00	44.78 0.13 0.00	42.55 0.13 0.00	31.59 0.10 0.00	31.19 0.08 0.00	30.53 0.09 0.00	31.43 0.08 0.00	26.97 0.10 0.00	37.33 0.20 0.00	39.95 0.12 0.00	35.38 0.05 0.00	31.56 0.06 0.00	30.17 0.08 0.00	29.29 0.06 0.00	25.44 0.03 0.00
WESTERN_NY_WIND 24143	32.71 -2.82 0.00	33.50 -2.84 0.00	39.15 -3.45 0.00	34.69 -3.10 0.00	28.74 -2.49 0.00	33.27 -2.75 0.00	32.81 -2.90 0.07	24.27 -2.93 3.24	28.36 -3.24 0.00	30.01 -3.52 0.00	40.03 -4.61 0.00	38.22 -4.20 0.00	28.75 -2.98 -0.24	29.13 -1.98 0.00	28.29 -2.15 0.00	29.44 -1.91 -0.01	26.66 -1.68 -1.47	34.84 -2.28 0.00	36.98 -2.86 0.00	32.81 -2.53 0.00	29.23 -2.27 0.00	27.82 -2.28 0.00	27.02 -2.22 0.00	23.36 -2.05 0.00
WESTOVER___LESR 323668	34.85 -0.68 0.00	35.61 -0.73 0.00	41.76 -0.84 0.00	37.01 -0.78 0.00	30.65 -0.59 0.00	35.32 -0.70 0.00	34.97 -0.80 0.00	29.68 -0.75 0.00	30.85 -0.74 0.00	32.75 -0.79 0.00	43.59 -1.06 0.00	41.48 -0.93 0.00	31.42 -0.62 -0.55	30.84 -0.27 0.00	30.13 -0.31 0.00	31.10 -0.26 -0.02	29.95 -0.20 -3.29	36.91 -0.22 0.00	39.36 -0.48 0.00	34.67 -0.67 0.00	31.00 -0.50 0.00	29.52 -0.57 0.00	28.69 -0.54 0.00	24.94 -0.47 0.00
WETHRSFD_WT_PWR 323626	31.97 -3.56 0.00	32.74 -3.60 0.00	38.22 -4.38 0.00	33.83 -3.96 0.00	28.04 -3.20 0.00	32.39 -3.63 0.00	31.37 -3.96 0.44	5.87 -3.73 20.83	27.59 -4.00 0.00	29.20 -4.33 0.00	38.93 -5.72 0.00	37.39 -5.03 0.00	28.42 -3.39 -0.32	28.49 -2.62 0.00	27.79 -2.65 0.00	28.90 -2.46 -0.01	26.63 -2.17 -1.92	34.23 -2.90 0.00	36.26 -3.58 0.00	32.09 -3.25 0.00	28.54 -2.96 0.00	27.10 -2.99 0.00	26.44 -2.80 0.00	22.89 -2.51 0.00
WHAVSTOR_138KV_BK127 55557	36.88 1.35 0.00	37.73 1.39 0.00	44.38 1.78 0.00	39.37 1.58 0.00	32.50 1.27 0.00	37.44 1.42 0.00	37.16 1.38 0.00	31.67 1.24 0.00	32.92 1.33 0.00	34.92 1.39 0.00	46.71 2.06 0.00	44.44 2.02 0.00	34.57 1.51 -1.57	32.61 1.50 0.00	31.92 1.47 0.00	32.87 1.48 -0.05	37.68 1.34 -9.47	39.14 2.02 0.00	41.63 1.80 0.00	36.73 1.40 0.00	32.73 1.23 0.00	31.30 1.21 0.00	30.40 1.16 0.00	26.35 0.94 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.88 1.35 0.00	37.73 1.39 0.00	44.38 1.78 0.00	39.37 1.58 0.00	32.50 1.27 0.00	37.44 1.42 0.00	37.16 1.38 0.00	31.67 1.24 0.00	32.92 1.33 0.00	34.92 1.39 0.00	46.71 2.06 0.00	44.44 2.02 0.00	34.57 1.51 -1.57	32.61 1.50 0.00	31.92 1.47 0.00	32.87 1.48 -0.05	37.68 1.34 -9.47	39.14 2.02 0.00	41.63 1.80 0.00	36.73 1.40 0.00	32.73 1.23 0.00	31.30 1.21 0.00	30.40 1.16 0.00	26.35 0.94 0.00
WHITEHAL_115KV_TB1 80871	38.22 2.69 0.00	39.20 2.86 0.00	45.73 3.13 0.00	40.58 2.79 0.00	33.62 2.38 0.00	38.76 2.74 0.00	38.60 2.82 0.00	32.90 2.47 0.00	34.09 2.50 0.00	36.11 2.58 0.00	47.84 3.19 0.00	45.52 3.10 0.00	35.87 2.22 -2.17	33.47 2.36 0.00	32.73 2.28 -0.01	33.76 2.35 -0.07	42.11 2.16 -13.08	40.31 3.18 0.00	43.15 3.31 0.00	38.10 2.77 0.00	33.91 2.41 0.00	32.18 2.09 0.00	31.16 1.93 0.00	27.15 1.75 0.00
WHITEPLN_13_KV_LOAD 356215	37.76 2.23 0.00	38.47 2.13 0.00	45.16 2.56 0.00	40.04 2.25 0.00	33.09 1.85 0.00	38.13 2.10 0.00	37.85 2.08 0.00	32.30 1.87 0.00	33.59 2.00 0.00	35.65 2.11 0.00	47.70 3.05 0.00	45.41 2.99 0.00	35.43 2.24 -1.71	33.31 2.20 0.00	32.60 2.16 -0.01	33.59 2.19 -0.05	39.10 1.94 -10.29	39.93 2.80 0.00	42.50 2.67 0.00	37.53 2.19 0.00	33.47 1.97 0.00	31.90 1.81 0.00	30.86 1.62 0.00	26.73 1.32 0.00
WM_FLOYD_69_KV_BK2 356380	38.98 3.44 0.00	39.55 3.21 0.00	46.43 3.83 0.00	41.23 3.44 0.00	34.17 2.93 0.00	39.26 3.23 0.00	38.99 3.21 0.00	33.46 3.03 0.00	34.64 3.05 0.00	36.54 3.01 0.00	49.27 4.62 0.00	46.91 4.49 0.00	36.12 2.92 -1.71	34.02 2.91 0.00	33.61 3.16 -0.01	34.44 3.05 -0.05	39.76 2.58 -10.31	40.74 3.61 0.00	43.55 3.71 0.00	38.51 3.17 0.00	34.36 2.86 0.00	32.94 2.81 -0.05	31.66 2.42 0.00	27.35 1.94 0.00
WOODARD___115KV_TB2 355635	34.44 -1.09 0.00	35.20 -1.14 0.00	41.24 -1.36 0.00	36.59 -1.21 0.00	30.29 -0.94 0.00	34.95 -1.07 0.00	34.68 -1.09 0.00	29.48 -0.95 0.00	30.61 -0.98 0.00	32.46 -1.08 0.00	43.20 -1.45 0.00	41.04 -1.38 0.00	30.72 -0.92 -0.15	30.46 -0.65 0.00	29.81 -0.64 0.00	30.70 -0.64 0.00	27.28 -0.51 -0.93	36.38 -0.75 0.00	38.87 -0.97 0.00	34.40 -0.93 0.00	30.67 -0.83 0.00	29.29 -0.81 0.00	28.44 -0.79 0.00	24.71 -0.69 0.00
YORK___WARBASSE 23770	58.53 2.15 -20.85	54.15 2.07 -15.74	54.18 2.53 -9.05	54.12 2.21 -14.11	54.10 1.80 -21.05	54.13 2.05 -16.06	53.86 2.02 -16.07	53.81 1.80 -21.59	53.99 1.92 -20.48	54.34 2.03 -18.77	102.97 2.99 -55.34	54.69 2.88 -9.39	57.64 2.17 -23.98	47.25 2.15 -13.98	47.31 2.11 -14.76	47.45 2.14 -13.97	48.79 1.89 -20.04	47.46 2.73 -7.60	73.69 2.55 -31.30	94.91 2.08 -57.49	87.89 1.86 -54.53	93.12 1.77 -61.25	50.09 1.60 -19.26	46.29 1.34 -19.55