

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/03/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	35.83	32.39	28.82	27.75	28.58	30.99	39.19	40.47	35.25	32.78	33.37	33.60	34.28	37.62	40.10	40.64	45.64	56.14	71.28	75.80	72.47	59.21	45.78	39.06
24138	1.67	1.72	1.55	1.47	1.44	1.50	1.94	2.43	2.43	2.48	2.67	2.55	2.71	2.95	3.14	3.39	3.73	4.35	5.10	5.03	4.49	3.40	2.67	2.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	35.87	32.42	28.88	27.80	28.61	31.02	39.19	40.43	35.25	32.75	33.34	33.60	34.25	37.62	40.10	40.64	45.64	56.14	71.28	75.87	72.54	59.21	45.82	39.13
24260	1.71	1.75	1.61	1.52	1.47	1.53	1.94	2.40	2.43	2.45	2.64	2.55	2.68	2.95	3.14	3.39	3.73	4.35	5.10	5.10	4.55	3.40	2.72	2.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	35.87	32.42	28.88	27.80	28.61	31.02	39.19	40.43	35.25	32.75	33.34	33.60	34.25	37.62	40.10	40.64	45.64	56.14	71.28	75.87	72.54	59.21	45.82	39.13
24261	1.71	1.75	1.61	1.52	1.47	1.53	1.94	2.40	2.43	2.45	2.64	2.55	2.68	2.95	3.14	3.39	3.73	4.35	5.10	5.10	4.55	3.40	2.72	2.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	35.83	32.29	28.85	27.77	28.69	31.17	39.19	39.75	33.97	31.21	31.56	31.86	32.42	35.58	38.03	38.74	43.92	54.07	69.82	74.88	72.06	59.54	45.95	39.28
24011	1.67	1.63	1.58	1.50	1.55	1.68	1.94	1.71	1.15	0.91	0.86	0.81	0.85	0.90	1.07	1.49	2.01	2.28	3.64	4.11	4.08	3.74	2.84	2.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	35.93	32.42	28.96	27.85	28.80	31.29	39.33	39.90	34.10	31.27	31.68	31.98	32.49	35.68	38.14	38.89	44.13	54.38	70.36	75.52	72.67	60.04	46.30	39.54
23798	1.78	1.75	1.69	1.58	1.66	1.80	2.08	1.86	1.28	0.97	0.98	0.93	0.92	1.01	1.18	1.64	2.22	2.59	4.17	4.74	4.69	4.24	3.19	2.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	35.83	32.29	28.85	27.77	28.69	31.17	39.19	39.75	33.97	31.21</														

ALBANY___2 23572	34.77 0.61 0.00	31.31 0.64 0.00	27.92 0.65 0.00	26.91 0.63 0.00	27.71 0.57 0.00	30.08 0.59 0.00	37.55 0.30 0.00	38.30 0.27 0.00	32.92 0.10 0.00	30.36 0.06 0.00	30.73 0.03 0.00	31.02 -0.03 0.00	31.57 0.00 0.00	34.64 -0.03 0.00	37.03 0.07 0.00	37.55 0.30 0.00	42.29 0.38 0.00	51.94 0.16 0.00	66.52 0.33 0.00	70.99 0.21 0.00	68.39 0.41 0.00	56.19 0.39 0.00	43.80 0.69 0.00	37.43 0.44 0.00
ALBANY___3 23573	34.77 0.61 0.00	31.31 0.64 0.00	27.92 0.65 0.00	26.91 0.63 0.00	27.71 0.57 0.00	30.08 0.59 0.00	37.55 0.30 0.00	38.30 0.27 0.00	32.92 0.10 0.00	30.36 0.06 0.00	30.73 0.03 0.00	31.02 -0.03 0.00	31.57 0.00 0.00	34.64 -0.03 0.00	37.03 0.07 0.00	37.55 0.30 0.00	42.29 0.38 0.00	51.94 0.16 0.00	66.52 0.33 0.00	70.99 0.21 0.00	68.39 0.41 0.00	56.19 0.39 0.00	43.80 0.69 0.00	37.43 0.44 0.00
ALBANY___4 23574	34.77 0.61 0.00	31.31 0.64 0.00	27.92 0.65 0.00	26.91 0.63 0.00	27.71 0.57 0.00	30.08 0.59 0.00	37.55 0.30 0.00	38.30 0.27 0.00	32.92 0.10 0.00	30.36 0.06 0.00	30.73 0.03 0.00	31.02 -0.03 0.00	31.57 0.00 0.00	34.64 -0.03 0.00	37.03 0.07 0.00	37.55 0.30 0.00	42.29 0.38 0.00	51.94 0.16 0.00	66.52 0.33 0.00	70.99 0.21 0.00	68.39 0.41 0.00	56.19 0.39 0.00	43.80 0.69 0.00	37.43 0.44 0.00
ALBANY___LFGE 323615	35.01 0.85 0.00	31.56 0.89 0.00	28.14 0.87 0.00	27.06 0.79 0.00	27.90 0.76 0.00	30.29 0.80 0.00	37.88 0.63 0.00	38.64 0.61 0.00	33.18 0.36 0.00	30.57 0.27 0.00	30.95 0.24 0.00	31.27 0.22 0.00	31.82 0.25 0.00	34.92 0.24 0.00	37.33 0.37 0.00	37.88 0.63 0.00	42.66 0.76 0.00	52.46 0.67 0.00	67.24 1.06 0.00	71.91 1.13 0.00	69.21 1.22 0.00	56.81 1.01 0.00	44.27 1.16 0.00	37.76 0.78 0.00
ALCOA_PA_115KV_PL-6C 55860	34.37 0.21 0.00	30.82 0.15 0.00	27.32 0.05 0.00	26.36 0.08 0.00	27.23 0.08 0.00	29.64 0.15 0.00	37.47 0.22 0.00	38.15 0.11 0.00	32.85 0.03 0.00	30.30 0.00 0.00	30.70 0.00 0.00	31.08 0.03 0.00	31.57 0.00 0.00	34.74 0.07 0.00	36.96 0.00 0.00	37.21 -0.04 0.00	41.91 0.00 0.00	51.68 -0.10 0.00	65.86 -0.33 0.00	70.64 -0.14 0.00	67.92 -0.07 0.00	55.86 0.06 0.00	43.11 0.00 0.00	36.91 -0.07 0.00
ALCOA_RYNLDS___DRP 24188	34.36 0.20 0.00	30.82 0.15 0.00	27.32 0.05 0.00	26.36 0.08 0.00	27.22 0.08 0.00	29.64 0.15 0.00	37.51 0.26 0.00	38.15 0.11 0.00	32.85 0.03 0.00	30.30 0.00 0.00	30.70 0.00 0.00	31.08 0.03 0.00	31.57 0.00 0.00	34.74 0.07 0.00	36.96 0.00 0.00	37.21 -0.04 0.00	41.91 0.00 0.00	51.68 -0.10 0.00	65.85 -0.33 0.00	70.64 -0.14 0.00	67.92 -0.07 0.00	55.86 0.06 0.00	43.11 0.00 0.00	36.91 -0.07 0.00
ALCOA___DSASP 323711	34.36 0.20 0.00	30.82 0.15 0.00	27.32 0.05 0.00	26.36 0.08 0.00	27.22 0.08 0.00	29.64 0.15 0.00	37.51 0.26 0.00	38.15 0.11 0.00	32.85 0.03 0.00	30.30 0.00 0.00	30.70 0.00 0.00	31.08 0.03 0.00	31.57 0.00 0.00	34.74 0.07 0.00	36.96 0.00 0.00	37.21 -0.04 0.00	41.91 0.00 0.00	51.68 -0.10 0.00	65.85 -0.33 0.00	70.64 -0.14 0.00	67.92 -0.07 0.00	55.86 0.06 0.00	43.11 0.00 0.00	36.91 -0.07 0.00
ALLEGHENY___COGEN 23514	33.11 -1.13 -0.08	29.21 -1.53 -0.08	25.96 -1.39 -0.08	25.28 -1.08 -0.08	26.19 -1.03 -0.08	29.32 -0.97 -0.80	62.66 -1.08 -26.49	51.39 -1.48 -14.84	32.08 -1.54 -0.80	28.71 -1.67 -0.08	28.92 -1.78 0.00	29.58 -1.55 -0.08	30.01 -1.64 -0.08	38.89 -1.94 -6.15	38.73 -2.00 -3.76	40.61 -1.86 -5.22	51.78 -1.68 -11.55	71.78 -1.09 -21.08	108.84 0.00 -42.65	104.63 0.92 -32.93	89.78 1.02 -20.78	77.44 0.72 -20.92	56.32 -0.39 -13.60	36.69 -0.37 -0.08
ALTAMONT_115KV_TB 2 55880	34.88 0.72 0.00	31.40 0.74 0.00	27.95 0.68 0.00	26.91 0.63 0.00	27.77 0.62 0.00	30.14 0.65 0.00	37.96 0.71 0.00	38.76 0.72 0.00	33.38 0.56 0.00	30.81 0.52 0.00	31.19 0.49 0.00	31.52 0.47 0.00	32.07 0.51 0.00	35.23 0.55 0.00	37.63 0.67 0.00	38.07 0.82 0.00	42.79 0.88 0.00	52.77 0.98 0.00	67.51 1.32 0.00	72.12 1.34 0.00	69.34 1.36 0.00	56.92 1.12 0.00	44.14 1.03 0.00	37.76 0.78 0.00
ALTONA_WT_PWR 323606	34.47 0.31 0.00	30.91 0.24 0.00	27.41 0.14 0.00	26.41 0.13 0.00	27.28 0.14 0.00	29.70 0.21 0.00	37.55 0.30 0.00	38.27 0.23 0.00	32.98 0.16 0.00	30.45 0.15 0.00	30.86 0.15 0.00	31.21 0.16 0.00	31.70 0.13 0.00	34.88 0.21 0.00	37.11 0.15 0.00	37.40 0.15 0.00	42.12 0.21 0.00	51.94 0.16 0.00	66.25 0.07 0.00	70.92 0.14 0.00	68.12 0.14 0.00	55.91 0.11 0.00	43.06 -0.04 0.00	36.76 -0.22 0.00
AMERICAN_REF_FUEL 24010	29.63 -4.51 0.02	25.89 -4.75 0.02	23.05 -4.20 0.02	22.52 -3.73 0.02	23.27 -3.85 0.02	24.97 -4.31 0.21	25.97 -4.69 6.58	29.89 -4.45 3.69	28.46 -4.14 0.22	26.49 -3.79 0.02	27.05 -3.65 0.00	27.46 -3.57 0.02	27.70 -3.85 0.02	29.21 -3.92 1.54	31.91 -4.10 0.95	31.68 -4.25 1.32	33.62 -4.36 3.93	40.74 -5.13 5.92	48.51 -6.48 11.19	53.32 -7.43 10.03	52.68 -7.48 7.82	42.81 -5.97 7.02	34.32 -5.04 3.74	32.56 -4.40 0.02
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.96 -3.18 0.03	27.76 -2.88 0.03	24.60 -2.64 0.03	23.75 -2.50 0.03	24.59 -2.52 0.03	26.85 -2.39 0.25	26.53 -2.68 8.04	31.02 -2.51 4.51	30.57 -2.00 0.25	28.30 -1.97 0.03	28.64 -2.06 0.00	29.04 -1.99 0.03	29.59 -1.96 0.03	30.58 -2.22 1.88	33.55 -2.26 1.15	33.49 -2.16 1.60	35.24 -2.18 4.49	42.72 -2.07 7.00	50.34 -2.45 13.40	56.43 -2.83 11.51	57.68 -3.06 7.24	44.68 -3.07 8.05	35.66 -2.97 4.47	34.04 -2.92 0.03
ARTHUR KILL_GT_1 23520	36.25 2.08 -0.01	32.82 2.15 -0.01	29.20 1.94 0.00	28.12 1.84 0.00	28.91 1.76 0.00	31.23 1.74 0.00	39.37 2.12 0.00	40.62 2.59 0.00	35.45 2.63 -0.01	32.76 2.45 -0.01	33.26 2.55 -0.01	33.54 2.48 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.22 3.25 -0.01	40.76 3.50 -0.01	45.77 3.86 -0.01	56.46 4.66 -0.01	71.75 5.56 -0.01	76.45 5.66 -0.01	73.16 5.17 -0.01	59.72 3.91 -0.01	46.26 3.15 -0.01	39.55 2.55 -0.01
ARTHUR_KILL_2 23512	36.04 1.88 -0.01	32.73 2.06 -0.01	29.15 1.88 0.00	27.96 1.68 0.00	28.85 1.71 0.00	31.08 1.59 0.00	39.26 2.01 0.00	40.51 2.47 0.00	35.35 2.53 -0.01	32.67 2.36 -0.01	33.20 2.49 -0.01	33.45 2.39 -0.01	34.07 2.49 -0.01	37.53 2.84 -0.01	40.11 3.14 -0.01	40.65 3.39 -0.01	45.60 3.69 -0.01	56.30 4.50 -0.01	71.49 5.30 -0.01	76.16 5.38 -0.01	72.89 4.90 -0.01	59.55 3.74 -0.01	46.17 3.06 -0.01	39.43 2.44 -0.01
ARTHUR_KILL_3 23513	35.42 1.26 0.00	32.17 1.50 0.00	28.63 1.36 0.00	27.49 1.21 0.00	28.39 1.25 0.00	30.70 1.21 0.00	38.85 1.60 0.00	40.09 2.05 0.00	34.98 2.17 0.00	32.57 2.27 0.00	33.13 2.42 0.00	33.38 2.33 0.00	34.00 2.43 0.00	37.34 2.67 0.00	39.81 2.85 0.00	40.34 3.09 0.00	45.26 3.35 0.00	55.67 3.89 0.00	70.62 4.43 0.00	75.10 4.32 0.00	71.79 3.80 0.00	58.65 2.84 0.00	45.47 2.37 0.00	38.76 1.78 0.00

ARTHUR_KILL_COGEN 323718	36.11 1.95 -0.01	32.82 2.15 -0.01	29.20 1.94 0.00	28.04 1.76 0.00	28.91 1.76 0.00	31.14 1.65 0.00	39.37 2.12 0.00	40.63 2.59 0.00	35.45 2.63 -0.01	32.76 2.45 -0.01	33.26 2.55 -0.01	33.54 2.49 -0.01	34.17 2.59 -0.01	37.63 2.95 -0.01	40.22 3.25 -0.01	40.76 3.50 -0.01	45.73 3.81 -0.01	56.46 4.66 -0.01	71.75 5.56 -0.01	76.45 5.66 -0.01	73.16 5.16 -0.01	59.71 3.90 -0.01	46.30 3.19 -0.01	39.54 2.55 -0.01
ASHOKAN____ 23654	35.25 1.09 0.00	31.83 1.17 0.00	28.33 1.06 0.00	27.22 0.94 0.00	28.07 0.92 0.00	30.37 0.88 0.00	38.22 0.97 0.00	38.91 0.88 0.00	33.41 0.59 0.00	30.75 0.46 0.00	31.19 0.49 0.00	31.45 0.40 0.00	32.11 0.54 0.00	35.54 0.87 0.00	37.96 1.00 0.00	38.52 1.27 0.00	43.37 1.47 0.00	54.17 2.38 0.00	69.96 3.77 0.00	74.67 3.89 0.00	71.58 3.60 0.00	58.65 2.84 0.00	45.30 2.20 0.00	38.65 1.67 0.00
ASTORIA_EAST_ENERGY_CC1 323581	35.76 1.61 0.00	32.58 1.90 -0.01	29.02 1.75 -0.01	27.86 1.58 -0.01	28.75 1.60 -0.01	30.99 1.50 0.00	38.74 1.49 0.00	39.78 1.75 0.01	34.68 1.87 0.01	32.27 1.97 0.00	32.85 2.15 0.00	33.06 2.02 0.01	33.68 2.12 0.01	36.99 2.32 0.01	39.47 2.51 0.01	39.96 2.72 0.01	44.83 2.93 0.01	55.20 3.42 0.01	70.42 4.24 0.01	74.87 4.10 0.01	71.58 3.60 0.01	58.36 2.57 0.01	45.47 2.37 0.00	38.98 2.00 0.00
ASTORIA_EAST_ENERGY_CC2 323582	35.76 1.61 0.00	32.58 1.90 -0.01	29.02 1.75 -0.01	27.86 1.58 -0.01	28.75 1.60 -0.01	30.99 1.50 0.00	38.74 1.49 0.00	39.78 1.75 0.01	34.68 1.87 0.01	32.27 1.97 0.00	32.85 2.15 0.00	33.06 2.02 0.01	33.68 2.12 0.01	36.99 2.32 0.01	39.47 2.51 0.01	39.96 2.72 0.01	44.83 2.93 0.01	55.20 3.42 0.01	70.42 4.24 0.01	74.87 4.10 0.01	71.58 3.60 0.01	58.36 2.57 0.01	45.47 2.37 0.00	38.98 2.00 0.00
ASTORIA_GT2_1 24094	35.90 1.74 0.00	32.57 1.90 0.00	29.01 1.75 0.00	27.93 1.66 0.00	28.74 1.60 0.00	31.08 1.59 0.00	38.78 1.53 0.00	39.83 1.79 0.00	34.69 1.87 0.00	32.27 1.97 0.00	32.85 2.15 0.00	33.07 2.02 0.00	33.75 2.18 0.00	37.03 2.36 0.00	39.47 2.51 0.00	40.01 2.76 0.00	44.93 3.02 0.00	55.26 3.47 0.00	70.42 4.24 0.00	74.95 4.18 0.00	71.65 3.67 0.00	58.42 2.62 0.00	45.48 2.37 0.00	38.98 2.00 0.00
ASTORIA_GT2_2 24095	35.90 1.74 0.00	32.57 1.90 0.00	29.01 1.75 0.00	27.93 1.66 0.00	28.74 1.60 0.00	31.08 1.59 0.00	38.78 1.53 0.00	39.83 1.79 0.00	34.69 1.87 0.00	32.27 1.97 0.00	32.85 2.15 0.00	33.07 2.02 0.00	33.75 2.18 0.00	37.03 2.36 0.00	39.47 2.51 0.00	40.01 2.76 0.00	44.93 3.02 0.00	55.26 3.47 0.00	70.42 4.24 0.00	74.95 4.18 0.00	71.65 3.67 0.00	58.42 2.62 0.00	45.48 2.37 0.00	38.98 2.00 0.00
ASTORIA_GT2_3 24096	35.90 1.74 0.00	32.57 1.90 0.00	29.01 1.75 0.00	27.93 1.66 0.00	28.74 1.60 0.00	31.08 1.59 0.00	38.78 1.53 0.00	39.83 1.79 0.00	34.69 1.87 0.00	32.27 1.97 0.00	32.85 2.15 0.00	33.07 2.02 0.00	33.75 2.18 0.00	37.03 2.36 0.00	39.47 2.51 0.00	40.01 2.76 0.00	44.93 3.02 0.00	55.26 3.47 0.00	70.42 4.24 0.00	74.95 4.18 0.00	71.65 3.67 0.00	58.42 2.62 0.00	45.48 2.37 0.00	38.98 2.00 0.00
ASTORIA_GT2_4 24097	35.90 1.74 0.00	32.57 1.90 0.00	29.01 1.75 0.00	27.93 1.66 0.00	28.74 1.60 0.00	31.08 1.59 0.00	38.78 1.53 0.00	39.83 1.79 0.00	34.69 1.87 0.00	32.27 1.97 0.00	32.85 2.15 0.00	33.07 2.02 0.00	33.75 2.18 0.00	37.03 2.36 0.00	39.47 2.51 0.00	40.01 2.76 0.00	44.93 3.02 0.00	55.26 3.47 0.00	70.42 4.24 0.00	74.95 4.18 0.00	71.65 3.67 0.00	58.42 2.62 0.00	45.48 2.37 0.00	38.98 2.00 0.00
ASTORIA_GT3_1 24098	35.90 1.74 0.00	32.57 1.90 0.00	29.01 1.75 0.00	27.93 1.66 0.00	28.74 1.60 0.00	31.08 1.59 0.00	38.78 1.53 0.00	39.83 1.79 0.00	34.69 1.87 0.00	32.27 1.97 0.00	32.85 2.15 0.00	33.07 2.02 0.00	33.75 2.18 0.00	37.03 2.36 0.00	39.47 2.51 0.00	40.01 2.76 0.00	44.93 3.02 0.00	55.26 3.47 0.00	70.42 4.24 0.00	74.95 4.18 0.00	71.65 3.67 0.00	58.42 2.62 0.00	45.48 2.37 0.00	38.98 2.00 0.00
ASTORIA_GT3_2 24099	35.90 1.74 0.00	32.57 1.90 0.00	29.01 1.75 0.00	27.93 1.66 0.00	28.74 1.60 0.00	31.08 1.59 0.00	38.78 1.53 0.00	39.83 1.79 0.00	34.69 1.87 0.00	32.27 1.97 0.00	32.85 2.15 0.00	33.07 2.02 0.00	33.75 2.18 0.00	37.03 2.36 0.00	39.47 2.51 0.00	40.01 2.76 0.00	44.93 3.02 0.00	55.26 3.47 0.00	70.42 4.24 0.00	74.95 4.18 0.00	71.65 3.67 0.00	58.42 2.62 0.00	45.48 2.37 0.00	38.98 2.00 0.00
ASTORIA_GT3_3 24100	35.90 1.74 0.00	32.57 1.90 0.00	29.01 1.75 0.00	27.93 1.66 0.00	28.74 1.60 0.00	31.08 1.59 0.00	38.78 1.53 0.00	39.83 1.79 0.00	34.69 1.87 0.00	32.27 1.97 0.00	32.85 2.15 0.00	33.07 2.02 0.00	33.75 2.18 0.00	37.03 2.36 0.00	39.47 2.51 0.00	40.01 2.76 0.00	44.93 3.02 0.00	55.26 3.47 0.00	70.42 4.24 0.00	74.95 4.18 0.00	71.65 3.67 0.00	58.42 2.62 0.00	45.48 2.37 0.00	38.98 2.00 0.00
ASTORIA_GT3_4 24101	35.90 1.74 0.00	32.57 1.90 0.00	29.01 1.75 0.00	27.93 1.66 0.00	28.74 1.60 0.00	31.08 1.59 0.00	38.78 1.53 0.00	39.83 1.79 0.00	34.69 1.87 0.00	32.27 1.97 0.00	32.85 2.15 0.00	33.07 2.02 0.00	33.75 2.18 0.00	37.03 2.36 0.00	39.47 2.51 0.00	40.01 2.76 0.00	44.93 3.02 0.00	55.26 3.47 0.00	70.42 4.24 0.00	74.95 4.18 0.00	71.65 3.67 0.00	58.42 2.62 0.00	45.48 2.37 0.00	38.98 2.00 0.00
ASTORIA_GT4_1 24102	35.90 1.74 0.00	32.57 1.90 0.00	29.01 1.75 0.00	27.93 1.66 0.00	28.74 1.60 0.00	31.08 1.59 0.00	38.78 1.53 0.00	39.83 1.79 0.00	34.69 1.87 0.00	32.27 1.97 0.00	32.85 2.15 0.00	33.07 2.02 0.00	33.75 2.18 0.00	37.03 2.36 0.00	39.47 2.51 0.00	40.01 2.76 0.00	44.93 3.02 0.00	55.26 3.47 0.00	70.42 4.24 0.00	74.95 4.18 0.00	71.65 3.67 0.00	58.42 2.62 0.00	45.48 2.37 0.00	38.98 2.00 0.00
ASTORIA_GT4_2 24103	35.90 1.74 0.00	32.57 1.90 0.00	29.01 1.75 0.00	27.93 1.66 0.00	28.74 1.60 0.00	31.08 1.59 0.00	38.78 1.53 0.00	39.83 1.79 0.00	34.69 1.87 0.00	32.27 1.97 0.00	32.85 2.15 0.00	33.07 2.02 0.00	33.75 2.18 0.00	37.03 2.36 0.00	39.47 2.51 0.00	40.01 2.76 0.00	44.93 3.02 0.00	55.26 3.47 0.00	70.42 4.24 0.00	74.95 4.18 0.00	71.65 3.67 0.00	58.42 2.62 0.00	45.48 2.37 0.00	38.98 2.00 0.00
ASTORIA_GT4_3 24104	35.90 1.74 0.00	32.57 1.90 0.00	29.01 1.75 0.00	27.93 1.66 0.00	28.74 1.60 0.00	31.08 1.59 0.00	38.78 1.53 0.00	39.83 1.79 0.00	34.69 1.87 0.00	32.27 1.97 0.00	32.85 2.15 0.00	33.07 2.02 0.00	33.75 2.18 0.00	37.03 2.36 0.00	39.47 2.51 0.00	40.01 2.76 0.00	44.93 3.02 0.00	55.26 3.47 0.00	70.42 4.24 0.00	74.95 4.18 0.00	71.65 3.67 0.00	58.42 2.62 0.00	45.48 2.37 0.00	38.98 2.00 0.00

ASTORIA_GT4_4 24105	35.90 1.74 0.00	32.57 1.90 0.00	29.01 1.75 0.00	27.93 1.66 0.00	28.74 1.60 0.00	31.08 1.59 0.00	38.78 1.53 0.00	39.83 1.79 0.00	34.69 1.87 0.00	32.27 1.97 0.00	32.85 2.15 0.00	33.07 2.02 0.00	33.75 2.18 0.00	37.03 2.36 0.00	39.47 2.51 0.00	40.01 2.76 0.00	44.93 3.02 0.00	55.26 3.47 0.00	70.42 4.24 0.00	74.95 4.18 0.00	71.65 3.67 0.00	58.42 2.62 0.00	45.48 2.37 0.00	38.98 2.00 0.00
ASTORIA_GT_1 23523	35.94 1.78 0.00	32.63 1.96 0.00	29.04 1.77 0.00	27.96 1.68 0.00	28.80 1.66 0.00	31.14 1.65 0.00	38.81 1.56 0.00	39.90 1.86 0.00	34.75 1.94 0.00	32.33 2.03 0.00	32.91 2.21 0.00	33.13 2.08 0.00	33.81 2.24 0.00	37.10 2.43 0.00	39.55 2.59 0.00	40.08 2.83 0.00	45.01 3.10 0.00	55.36 3.57 0.00	70.55 4.37 0.00	75.10 4.32 0.00	71.79 3.81 0.00	58.54 2.73 0.00	45.56 2.46 0.00	39.06 2.07 0.00
ASTORIA_GT_10 24110	35.76 1.61 0.00	32.39 1.72 0.00	28.85 1.58 0.00	27.77 1.50 0.00	28.58 1.44 0.00	30.96 1.47 0.00	39.00 1.75 0.00	40.24 2.21 0.00	35.19 2.36 -0.01	32.70 2.39 -0.01	33.29 2.58 -0.01	33.51 2.45 -0.01	34.20 2.62 -0.01	37.53 2.84 -0.01	40.00 3.03 -0.01	40.54 3.28 -0.01	45.52 3.60 -0.01	55.88 4.09 0.00	70.75 4.57 0.00	75.31 4.53 0.00	71.99 4.01 0.00	58.76 2.96 0.00	45.65 2.54 0.00	39.06 2.07 0.00
ASTORIA_GT_11 24225	35.76 1.61 0.00	32.39 1.72 0.00	28.85 1.58 0.00	27.77 1.50 0.00	28.58 1.44 0.00	30.96 1.47 0.00	39.00 1.75 0.00	40.24 2.21 0.00	35.19 2.36 -0.01	32.70 2.39 -0.01	33.29 2.58 -0.01	33.51 2.45 -0.01	34.20 2.62 -0.01	37.53 2.84 -0.01	40.00 3.03 -0.01	40.54 3.28 -0.01	45.52 3.60 -0.01	55.88 4.09 0.00	70.75 4.57 0.00	75.31 4.53 0.00	71.99 4.01 0.00	58.76 2.96 0.00	45.65 2.54 0.00	39.06 2.07 0.00
ASTORIA_GT_12 24226	35.76 1.61 0.00	32.39 1.72 0.00	28.85 1.58 0.00	27.77 1.50 0.00	28.58 1.44 0.00	30.96 1.47 0.00	39.00 1.75 0.00	40.24 2.21 0.00	35.19 2.36 -0.01	32.70 2.39 -0.01	33.29 2.58 -0.01	33.51 2.45 -0.01	34.20 2.62 -0.01	37.53 2.84 -0.01	40.00 3.03 -0.01	40.54 3.28 -0.01	45.52 3.60 -0.01	55.88 4.09 0.00	70.75 4.57 0.00	75.31 4.53 0.00	71.99 4.01 0.00	58.76 2.96 0.00	45.65 2.54 0.00	39.06 2.07 0.00
ASTORIA_GT_13 24227	35.76 1.61 0.00	32.39 1.72 0.00	28.85 1.58 0.00	27.77 1.50 0.00	28.58 1.44 0.00	30.96 1.47 0.00	39.00 1.75 0.00	40.24 2.21 0.00	35.19 2.36 -0.01	32.70 2.39 -0.01	33.29 2.58 -0.01	33.51 2.45 -0.01	34.20 2.62 -0.01	37.53 2.84 -0.01	40.00 3.03 -0.01	40.54 3.28 -0.01	45.52 3.60 -0.01	55.88 4.09 0.00	70.75 4.57 0.00	75.31 4.53 0.00	71.99 4.01 0.00	58.76 2.96 0.00	45.65 2.54 0.00	39.06 2.07 0.00
ASTORIA_GT_5 24106	35.94 1.78 0.00	32.63 1.96 0.00	29.04 1.77 0.00	27.96 1.68 0.00	28.80 1.66 0.00	31.14 1.65 0.00	38.81 1.56 0.00	39.90 1.86 0.00	34.75 1.94 0.00	32.33 2.03 0.00	32.91 2.21 0.00	33.13 2.08 0.00	33.81 2.24 0.00	37.10 2.43 0.00	39.55 2.59 0.00	40.08 2.83 0.00	45.01 3.10 0.00	55.36 3.57 0.00	70.55 4.37 0.00	75.10 4.32 0.00	71.79 3.81 0.00	58.54 2.73 0.00	45.56 2.46 0.00	39.06 2.07 0.00
ASTORIA_GT_7 24107	35.94 1.78 0.00	32.63 1.96 0.00	29.04 1.77 0.00	27.96 1.68 0.00	28.80 1.66 0.00	31.14 1.65 0.00	38.81 1.56 0.00	39.90 1.86 0.00	34.75 1.94 0.00	32.33 2.03 0.00	32.91 2.21 0.00	33.13 2.08 0.00	33.81 2.24 0.00	37.10 2.43 0.00	39.55 2.59 0.00	40.08 2.83 0.00	45.01 3.10 0.00	55.36 3.57 0.00	70.55 4.37 0.00	75.10 4.32 0.00	71.79 3.81 0.00	58.54 2.73 0.00	45.56 2.46 0.00	39.06 2.07 0.00
ASTORIA_GT_8 24108	35.94 1.78 0.00	32.63 1.96 0.00	29.04 1.77 0.00	27.96 1.68 0.00	28.80 1.66 0.00	31.14 1.65 0.00	38.81 1.56 0.00	39.90 1.86 0.00	34.75 1.94 0.00	32.33 2.03 0.00	32.91 2.21 0.00	33.13 2.08 0.00	33.81 2.24 0.00	37.10 2.43 0.00	39.55 2.59 0.00	40.08 2.83 0.00	45.01 3.10 0.00	55.36 3.57 0.00	70.55 4.37 0.00	75.10 4.32 0.00	71.79 3.81 0.00	58.54 2.73 0.00	45.56 2.46 0.00	39.06 2.07 0.00
ASTORIA___2 24149	35.76 1.61 0.00	32.58 1.90 -0.01	29.02 1.75 -0.01	27.86 1.58 -0.01	28.75 1.60 -0.01	30.99 1.50 0.00	38.78 1.53 0.00	39.82 1.79 0.01	34.68 1.87 0.01	32.27 1.97 0.00	32.85 2.15 0.00	33.06 2.02 0.01	33.68 2.12 0.01	37.02 2.36 0.01	39.47 2.51 0.01	40.00 2.76 0.01	44.88 2.98 0.01	55.25 3.47 0.01	70.42 4.24 0.01	74.95 4.17 0.01	71.64 3.67 0.01	58.42 2.62 0.01	45.52 2.41 0.00	38.98 2.00 0.00
ASTORIA___3 23516	35.63 1.47 0.00	32.38 1.72 0.00	28.85 1.58 0.00	27.69 1.42 0.00	28.58 1.44 0.00	30.88 1.39 0.00	39.00 1.75 0.00	40.24 2.21 0.00	35.19 2.36 -0.01	32.70 2.39 -0.01	33.29 2.58 -0.01	33.51 2.45 -0.01	34.13 2.56 -0.01	37.53 2.84 -0.01	40.00 3.03 -0.01	40.54 3.28 -0.01	45.48 3.56 -0.01	55.88 4.09 0.00	70.75 4.56 0.00	75.31 4.53 0.00	71.99 4.01 0.00	58.76 2.96 0.00	45.69 2.59 0.00	39.06 2.07 0.00
ASTORIA___4 23517	35.76 1.61 0.00	32.39 1.72 0.00	28.85 1.58 0.00	27.77 1.50 0.00	28.58 1.44 0.00	30.96 1.47 0.00	39.00 1.75 0.00	40.24 2.21 0.00	35.19 2.36 -0.01	32.70 2.39 -0.01	33.29 2.58 -0.01	33.51 2.45 -0.01	34.20 2.62 -0.01	37.53 2.84 -0.01	40.00 3.03 -0.01	40.54 3.28 -0.01	45.52 3.60 -0.01	55.88 4.09 0.00	70.75 4.57 0.00	75.31 4.53 0.00	71.99 4.01 0.00	58.76 2.96 0.00	45.65 2.54 0.00	39.06 2.07 0.00
ASTORIA___5 23518	35.63 1.47 0.00	32.38 1.72 0.00	28.85 1.58 0.00	27.69 1.42 0.00	28.58 1.44 0.00	30.88 1.39 0.00	39.00 1.75 0.00	40.24 2.21 0.00	35.19 2.36 -0.01	32.70 2.39 -0.01	33.29 2.58 -0.01	33.51 2.45 -0.01	34.13 2.56 -0.01	37.53 2.84 -0.01	40.00 3.03 -0.01	40.54 3.28 -0.01	45.48 3.56 -0.01	55.88 4.09 0.00	70.75 4.56 0.00	75.31 4.53 0.00	71.99 4.01 0.00	58.76 2.96 0.00	45.69 2.59 0.00	39.06 2.07 0.00
AST_ENERGY_2_CC3 323677	35.56 1.40 0.00	32.29 1.62 0.00	28.77 1.50 0.00	27.59 1.31 0.00	28.50 1.36 0.00	30.82 1.33 0.00	38.96 1.71 0.00	40.20 2.17 0.00	35.02 2.20 0.00	32.57 2.27 0.00	33.13 2.42 0.00	33.38 2.33 0.00	34.00 2.43 0.00	37.38 2.71 0.00	39.85 2.88 0.00	40.38 3.13 0.00	45.30 3.39 0.00	55.72 3.93 0.00	70.82 4.63 0.00	75.38 4.60 0.00	72.06 4.08 0.00	58.87 3.07 0.00	45.60 2.50 0.00	38.91 1.92 0.00
AST_ENERGY_2_CC4 323678	35.56 1.40 0.00	32.29 1.62 0.00	28.77 1.50 0.00	27.59 1.31 0.00	28.50 1.36 0.00	30.82 1.33 0.00	38.96 1.71 0.00	40.20 2.17 0.00	35.02 2.20 0.00	32.57 2.27 0.00	33.13 2.42 0.00	33.38 2.33 0.00	34.00 2.43 0.00	37.38 2.71 0.00	39.85 2.88 0.00	40.38 3.13 0.00	45.30 3.39 0.00	55.72 3.93 0.00	70.82 4.63 0.00	75.38 4.60 0.00	72.06 4.08 0.00	58.87 3.07 0.00	45.60 2.50 0.00	38.91 1.92 0.00

ATHENS_STG_1 23668	34.95 0.79 0.00	31.56 0.89 0.00	28.09 0.82 0.00	26.99 0.71 0.00	27.88 0.73 0.00	30.26 0.77 0.00	38.18 0.93 0.00	39.10 1.06 0.00	33.80 0.98 0.00	31.27 0.97 0.00	31.68 0.98 0.00	31.98 0.93 0.00	32.58 1.01 0.00	35.78 1.11 0.00	38.22 1.26 0.00	38.67 1.42 0.00	43.33 1.43 0.00	53.45 1.66 0.00	68.11 1.92 0.00	72.69 1.91 0.00	69.82 1.84 0.00	57.20 1.40 0.00	44.40 1.29 0.00	37.95 0.96 0.00
ATHENS_STG_2 23670	34.95 0.79 0.00	31.56 0.89 0.00	28.09 0.82 0.00	26.99 0.71 0.00	27.88 0.73 0.00	30.26 0.77 0.00	38.18 0.93 0.00	39.10 1.06 0.00	33.80 0.98 0.00	31.27 0.97 0.00	31.68 0.98 0.00	31.98 0.93 0.00	32.58 1.01 0.00	35.78 1.11 0.00	38.22 1.26 0.00	38.67 1.42 0.00	43.33 1.43 0.00	53.45 1.66 0.00	68.11 1.92 0.00	72.69 1.91 0.00	69.82 1.84 0.00	57.20 1.40 0.00	44.40 1.29 0.00	37.95 0.96 0.00
ATHENS_STG_3 23677	34.95 0.79 0.00	31.56 0.89 0.00	28.09 0.82 0.00	26.99 0.71 0.00	27.88 0.73 0.00	30.26 0.77 0.00	38.18 0.93 0.00	39.10 1.06 0.00	33.80 0.98 0.00	31.27 0.97 0.00	31.68 0.98 0.00	31.98 0.93 0.00	32.58 1.01 0.00	35.78 1.11 0.00	38.22 1.26 0.00	38.67 1.42 0.00	43.33 1.43 0.00	53.45 1.66 0.00	68.11 1.92 0.00	72.69 1.91 0.00	69.82 1.84 0.00	57.20 1.40 0.00	44.40 1.29 0.00	37.95 0.96 0.00
AUBURN____LFGE 323710	33.65 -0.51 -0.01	30.12 -0.55 -0.01	26.76 -0.52 -0.01	25.81 -0.47 -0.01	26.74 -0.41 -0.01	29.13 -0.41 -0.06	38.75 -0.41 -1.91	38.58 -0.53 -1.07	32.42 -0.46 -0.06	29.82 -0.48 -0.01	30.18 -0.52 0.00	30.62 -0.43 -0.01	31.10 -0.47 -0.01	34.60 -0.52 -0.44	36.68 -0.55 -0.27	37.03 -0.60 -0.38	42.20 -0.59 -0.88	54.90 -0.31 -3.43	71.99 -0.07 -5.87	75.03 0.21 -4.04	70.72 0.07 -2.67	58.38 0.11 -2.46	44.13 -0.22 -1.24	36.84 -0.15 -0.01
BABYLON_RES_REC 323704	41.40 2.25 -4.98	33.11 2.36 -0.08	29.38 2.10 -0.01	28.17 1.89 0.00	29.12 1.98 0.00	31.59 2.09 -0.01	40.53 2.76 -0.52	46.12 3.20 -4.89	35.74 2.92 0.00	33.12 2.82 0.00	33.75 3.04 -0.01	34.01 2.95 -0.01	35.06 3.06 -0.43	42.03 3.30 -4.06	43.73 3.51 -3.26	50.45 3.69 -9.51	53.84 3.85 -8.08	64.34 4.76 -7.79	86.60 5.69 -14.72	79.87 5.95 -3.15	79.48 5.58 -5.92	67.30 4.24 -7.26	57.25 3.36 -10.78	45.49 2.78 -5.72
BALL_HILL_WT_PWR 323825	30.75 -3.38 0.03	27.51 -3.13 0.03	24.35 -2.89 0.03	23.52 -2.73 0.03	24.32 -2.80 0.03	26.50 -2.71 0.27	25.50 -3.09 8.66	30.29 -2.89 4.85	30.19 -2.36 0.27	27.94 -2.33 0.03	28.28 -2.43 0.00	28.69 -2.33 0.03	29.24 -2.30 0.03	30.12 -2.53 2.02	33.10 -2.62 1.24	32.96 -2.57 1.72	34.47 -2.64 4.80	41.58 -2.70 7.51	48.53 -3.24 14.42	54.68 -3.75 12.35	56.33 -3.81 7.85	43.74 -3.46 8.60	35.07 -3.23 4.80	33.89 -3.07 0.03
BARON_WINDS____WT_PWR 323822	32.30 -1.74 0.11	28.90 -1.66 0.11	25.63 -1.53 0.11	24.72 -1.45 0.11	25.65 -1.38 0.11	27.12 -1.21 1.16	-1.98 -1.34 37.89	15.21 -1.60 21.23	30.16 -1.51 1.15	28.61 -1.58 0.11	28.98 -1.72 0.00	29.35 -1.58 0.11	29.88 -1.58 0.11	24.20 -1.66 8.81	29.87 -1.70 5.39	28.17 -1.60 7.48	22.34 -1.55 18.02	19.99 -1.24 30.55	4.16 -1.13 60.90	21.08 -0.64 49.06	35.60 -0.55 31.84	22.98 -0.56 32.26	22.20 -0.99 19.91	35.69 -1.18 0.11
BARRETT_IC_1 23704	40.56 1.67 -4.73	32.64 1.90 -0.07	29.00 1.72 -0.01	27.83 1.55 0.00	28.74 1.60 0.00	31.18 1.68 -0.01	39.83 2.12 -0.46	44.84 2.51 -4.29	35.28 2.46 0.00	32.69 2.39 0.00	33.29 2.58 -0.01	33.57 2.51 -0.01	34.53 2.56 -0.41	41.31 2.77 -3.86	43.05 2.99 -3.09	49.36 3.09 -9.02	52.72 3.14 -7.67	63.02 3.83 -7.39	84.66 4.50 -13.97	78.37 4.60 -2.99	77.82 4.22 -5.62	65.87 3.18 -6.89	56.01 2.67 -10.23	44.56 2.14 -5.43
BARRETT_IC_10 23701	40.56 1.67 -4.73	32.64 1.90 -0.07	29.00 1.72 -0.01	27.83 1.55 0.00	28.74 1.60 0.00	31.18 1.68 -0.01	39.83 2.12 -0.46	44.84 2.51 -4.29	35.28 2.46 0.00	32.69 2.39 0.00	33.29 2.58 -0.01	33.57 2.51 -0.01	34.53 2.56 -0.41	41.31 2.77 -3.86	43.05 2.99 -3.09	49.36 3.09 -9.02	52.72 3.14 -7.67	63.02 3.83 -7.39	84.66 4.50 -13.97	78.37 4.60 -2.99	77.82 4.22 -5.62	65.87 3.18 -6.89	56.01 2.67 -10.23	44.56 2.14 -5.43
BARRETT_IC_11 23702	40.56 1.67 -4.73	32.64 1.90 -0.07	29.00 1.72 -0.01	27.83 1.55 0.00	28.74 1.60 0.00	31.18 1.68 -0.01	39.83 2.12 -0.46	44.84 2.51 -4.29	35.28 2.46 0.00	32.69 2.39 0.00	33.29 2.58 -0.01	33.57 2.51 -0.01	34.53 2.56 -0.41	41.31 2.77 -3.86	43.05 2.99 -3.09	49.36 3.09 -9.02	52.72 3.14 -7.67	63.02 3.83 -7.39	84.66 4.50 -13.97	78.37 4.60 -2.99	77.82 4.22 -5.62	65.87 3.18 -6.89	56.01 2.67 -10.23	44.56 2.14 -5.43
BARRETT_IC_12 23703	40.56 1.67 -4.73	32.64 1.90 -0.07	29.00 1.72 -0.01	27.83 1.55 0.00	28.74 1.60 0.00	31.18 1.68 -0.01	39.83 2.12 -0.46	44.84 2.51 -4.29	35.28 2.46 0.00	32.69 2.39 0.00	33.29 2.58 -0.01	33.57 2.51 -0.01	34.53 2.56 -0.41	41.31 2.77 -3.86	43.05 2.99 -3.09	49.36 3.09 -9.02	52.72 3.14 -7.67	63.02 3.83 -7.39	84.66 4.50 -13.97	78.37 4.60 -2.99	77.82 4.22 -5.62	65.87 3.18 -6.89	56.01 2.67 -10.23	44.56 2.14 -5.43
BARRETT_IC_2 23705	40.56 1.67 -4.73	32.64 1.90 -0.07	29.00 1.72 -0.01	27.83 1.55 0.00	28.74 1.60 0.00	31.18 1.68 -0.01	39.83 2.12 -0.46	44.84 2.51 -4.29	35.28 2.46 0.00	32.69 2.39 0.00	33.29 2.58 -0.01	33.57 2.51 -0.01	34.53 2.56 -0.41	41.31 2.77 -3.86	43.05 2.99 -3.09	49.36 3.09 -9.02	52.72 3.14 -7.67	63.02 3.83 -7.39	84.66 4.50 -13.97	78.37 4.60 -2.99	77.82 4.22 -5.62	65.87 3.18 -6.89	56.01 2.67 -10.23	44.56 2.14 -5.43
BARRETT_IC_3 23706	40.56 1.67 -4.73	32.64 1.90 -0.07	29.00 1.72 -0.01	27.83 1.55 0.00	28.74 1.60 0.00	31.18 1.68 -0.01	39.83 2.12 -0.46	44.84 2.51 -4.29	35.28 2.46 0.00	32.69 2.39 0.00	33.29 2.58 -0.01	33.57 2.51 -0.01	34.53 2.56 -0.41	41.31 2.77 -3.86	43.05 2.99 -3.09	49.36 3.09 -9.02	52.72 3.14 -7.67	63.02 3.83 -7.39	84.66 4.50 -13.97	78.37 4.60 -2.99	77.82 4.22 -5.62	65.87 3.18 -6.89	56.01 2.67 -10.23	44.56 2.14 -5.43
BARRETT_IC_4 23707	40.56 1.67 -4.73	32.64 1.90 -0.07	29.00 1.72 -0.01	27.83 1.55 0.00	28.74 1.60 0.00	31.18 1.68 -0.01	39.83 2.12 -0.46	44.84 2.51 -4.29	35.28 2.46 0.00	32.69 2.39 0.00	33.29 2.58 -0.01	33.57 2.51 -0.01	34.53 2.56 -0.41	41.31 2.77 -3.86	43.05 2.99 -3.09	49.36 3.09 -9.02	52.72 3.14 -7.67	63.02 3.83 -7.39	84.66 4.50 -13.97	78.37 4.60 -2.99	77.82 4.22 -5.62	65.87 3.18 -6.89	56.01 2.67 -10.23	44.56 2.14 -5.43
BARRETT_IC_5 23708	40.56 1.67 -4.73	32.64 1.90 -0.07	29.00 1.72 -0.01	27.83 1.55 0.00	28.74 1.60 0.00	31.18 1.68 -0.01	39.83 2.12 -0.46	44.84 2.51 -4.29	35.28 2.46 0.00	32.69 2.39 0.00	33.29 2.58 -0.01	33.57 2.51 -0.01	34.53 2.56 -0.41	41.31 2.77 -3.86	43.05 2.99 -3.09	49.36 3.09 -9.02	52.72 3.14 -7.67	63.02 3.83 -7.39	84.66 4.50 -13.97	78.37 4.60 -2.99	77.82 4.22 -5.62	65.87 3.18 -6.89	56.01 2.67 -10.23	44.56 2.14 -5.43

BARRETT_IC_6 23709	40.56 1.67 -4.73	32.64 1.90 -0.07	29.00 1.72 -0.01	27.83 1.55 0.00	28.74 1.60 0.00	31.18 1.68 -0.01	39.83 2.12 -0.46	44.84 2.51 -4.29	35.28 2.46 0.00	32.69 2.39 0.00	33.29 2.58 -0.01	33.57 2.51 -0.01	34.53 2.56 -0.41	41.31 2.77 -3.86	43.05 2.99 -3.09	49.36 3.09 -9.02	52.72 3.14 -7.67	63.02 3.83 -7.39	84.66 4.50 -13.97	78.37 4.60 -2.99	77.82 4.22 -5.62	65.87 3.18 -6.89	56.01 2.67 -10.23	44.56 2.14 -5.43
BARRETT_IC_7 23710	40.66 1.78 -4.73	32.64 1.90 -0.07	29.00 1.72 -0.01	27.91 1.63 0.00	28.74 1.60 0.00	31.24 1.74 -0.01	39.83 2.12 -0.46	44.84 2.51 -4.29	35.28 2.46 0.00	32.69 2.39 0.00	33.29 2.58 -0.01	33.58 2.52 -0.01	34.56 2.59 -0.41	41.30 2.77 -3.86	43.05 2.99 -3.09	49.37 3.09 -9.02	52.76 3.18 -7.67	63.02 3.83 -7.39	84.66 4.50 -13.97	78.37 4.60 -2.99	77.82 4.21 -5.62	65.81 3.12 -6.89	55.97 2.63 -10.23	44.56 2.15 -5.43
BARRETT_IC_8 23711	40.56 1.67 -4.73	32.64 1.90 -0.07	29.00 1.72 -0.01	27.83 1.55 0.00	28.74 1.60 0.00	31.18 1.68 -0.01	39.83 2.12 -0.46	44.84 2.51 -4.29	35.28 2.46 0.00	32.69 2.39 0.00	33.29 2.58 -0.01	33.57 2.51 -0.01	34.53 2.56 -0.41	41.31 2.77 -3.86	43.05 2.99 -3.09	49.36 3.09 -9.02	52.72 3.14 -7.67	63.02 3.83 -7.39	84.66 4.50 -13.97	78.37 4.60 -2.99	77.82 4.22 -5.62	65.87 3.18 -6.89	56.01 2.67 -10.23	44.56 2.14 -5.43
BARRETT_IC_9 23700	40.56 1.67 -4.73	32.64 1.90 -0.07	29.00 1.72 -0.01	27.83 1.55 0.00	28.74 1.60 0.00	31.18 1.68 -0.01	39.83 2.12 -0.46	44.84 2.51 -4.29	35.28 2.46 0.00	32.69 2.39 0.00	33.29 2.58 -0.01	33.57 2.51 -0.01	34.53 2.56 -0.41	41.31 2.77 -3.86	43.05 2.99 -3.09	49.36 3.09 -9.02	52.72 3.14 -7.67	63.02 3.83 -7.39	84.66 4.50 -13.97	78.37 4.60 -2.99	77.82 4.22 -5.62	65.87 3.18 -6.89	56.01 2.67 -10.23	44.56 2.14 -5.43
BARRETT___1 23545	40.56 1.67 -4.73	32.64 1.90 -0.07	29.00 1.72 -0.01	27.83 1.55 0.00	28.74 1.60 0.00	31.18 1.68 -0.01	39.83 2.12 -0.46	44.84 2.51 -4.29	35.28 2.46 0.00	32.69 2.39 0.00	33.29 2.58 -0.01	33.57 2.51 -0.01	34.53 2.56 -0.41	41.31 2.77 -3.86	43.05 2.99 -3.09	49.36 3.09 -9.02	52.72 3.14 -7.67	63.02 3.83 -7.39	84.66 4.50 -13.97	78.37 4.60 -2.99	77.82 4.22 -5.62	65.87 3.18 -6.89	56.01 2.67 -10.23	44.56 2.14 -5.43
BARRETT___2 23546	40.56 1.67 -4.73	32.64 1.90 -0.07	29.00 1.72 -0.01	27.83 1.55 0.00	28.74 1.60 0.00	31.18 1.68 -0.01	39.83 2.12 -0.46	44.84 2.51 -4.29	35.28 2.46 0.00	32.69 2.39 0.00	33.29 2.58 -0.01	33.57 2.51 -0.01	34.53 2.56 -0.41	41.31 2.77 -3.86	43.05 2.99 -3.09	49.36 3.09 -9.02	52.72 3.14 -7.67	63.02 3.83 -7.39	84.66 4.50 -13.97	78.37 4.60 -2.99	77.82 4.22 -5.62	65.87 3.18 -6.89	56.01 2.67 -10.23	44.56 2.14 -5.43
BATAVIA__115KV_TB1 55881	30.80 -3.35 0.02	27.16 -3.50 0.02	24.23 -3.03 0.02	23.45 -2.81 0.02	24.44 -2.69 0.02	26.24 -3.10 0.15	29.05 -3.28 4.92	32.16 -3.12 2.76	29.90 -2.76 0.16	27.71 -2.58 0.02	28.18 -2.52 0.00	28.65 -2.39 0.02	28.84 -2.71 0.02	30.71 -2.81 1.15	33.33 -2.92 0.71	33.37 -2.91 0.98	35.62 -3.14 3.15	44.15 -3.11 4.53	54.47 -3.31 8.41	59.18 -3.82 7.78	58.23 -3.94 5.81	46.84 -3.35 5.62	37.00 -3.23 2.88	34.27 -2.70 0.02
BAYONEEC___CTG1 323682	35.56 1.40 0.00	32.26 1.59 0.00	28.74 1.47 0.00	27.59 1.31 0.00	28.47 1.33 0.00	30.82 1.33 0.00	38.96 1.71 0.00	40.20 2.17 0.00	35.05 2.23 0.00	32.60 2.30 0.00	33.19 2.49 0.00	33.41 2.36 0.00	34.03 2.46 0.00	37.41 2.74 0.00	39.88 2.92 0.00	40.41 3.16 0.00	45.35 3.44 0.00	55.83 4.04 0.00	70.82 4.63 0.00	75.38 4.60 0.00	72.06 4.08 0.00	58.87 3.07 0.00	45.60 2.50 0.00	38.91 1.92 0.00
BAYONEEC___CTG10 323750	35.56 1.40 0.00	32.26 1.59 0.00	28.74 1.47 0.00	27.59 1.31 0.00	28.47 1.33 0.00	30.82 1.33 0.00	38.96 1.71 0.00	40.20 2.17 0.00	35.05 2.23 0.00	32.60 2.30 0.00	33.19 2.49 0.00	33.41 2.36 0.00	34.03 2.46 0.00	37.41 2.74 0.00	39.88 2.92 0.00	40.41 3.16 0.00	45.35 3.44 0.00	55.83 4.04 0.00	70.82 4.63 0.00	75.38 4.60 0.00	72.06 4.08 0.00	58.87 3.07 0.00	45.60 2.50 0.00	38.91 1.92 0.00
BAYONEEC___CTG2 323683	35.56 1.40 0.00	32.26 1.59 0.00	28.74 1.47 0.00	27.59 1.31 0.00	28.47 1.33 0.00	30.82 1.33 0.00	38.96 1.71 0.00	40.20 2.17 0.00	35.05 2.23 0.00	32.60 2.30 0.00	33.19 2.49 0.00	33.41 2.36 0.00	34.03 2.46 0.00	37.41 2.74 0.00	39.88 2.92 0.00	40.41 3.16 0.00	45.35 3.44 0.00	55.83 4.04 0.00	70.82 4.63 0.00	75.38 4.60 0.00	72.06 4.08 0.00	58.87 3.07 0.00	45.60 2.50 0.00	38.91 1.92 0.00
BAYONEEC___CTG3 323684	35.56 1.40 0.00	32.26 1.59 0.00	28.74 1.47 0.00	27.59 1.31 0.00	28.47 1.33 0.00	30.82 1.33 0.00	38.96 1.71 0.00	40.20 2.17 0.00	35.05 2.23 0.00	32.60 2.30 0.00	33.19 2.49 0.00	33.41 2.36 0.00	34.03 2.46 0.00	37.41 2.74 0.00	39.88 2.92 0.00	40.41 3.16 0.00	45.35 3.44 0.00	55.83 4.04 0.00	70.82 4.63 0.00	75.38 4.60 0.00	72.06 4.08 0.00	58.87 3.07 0.00	45.60 2.50 0.00	38.91 1.92 0.00
BAYONEEC___CTG4 323685	35.56 1.40 0.00	32.26 1.59 0.00	28.74 1.47 0.00	27.59 1.31 0.00	28.47 1.33 0.00	30.82 1.33 0.00	38.96 1.71 0.00	40.20 2.17 0.00	35.05 2.23 0.00	32.60 2.30 0.00	33.19 2.49 0.00	33.41 2.36 0.00	34.03 2.46 0.00	37.41 2.74 0.00	39.88 2.92 0.00	40.41 3.16 0.00	45.35 3.44 0.00	55.83 4.04 0.00	70.82 4.63 0.00	75.38 4.60 0.00	72.06 4.08 0.00	58.87 3.07 0.00	45.60 2.50 0.00	38.91 1.92 0.00
BAYONEEC___CTG5 323686	35.56 1.40 0.00	32.26 1.59 0.00	28.74 1.47 0.00	27.59 1.31 0.00	28.47 1.33 0.00	30.82 1.33 0.00	38.96 1.71 0.00	40.20 2.17 0.00	35.05 2.23 0.00	32.60 2.30 0.00	33.19 2.49 0.00	33.41 2.36 0.00	34.03 2.46 0.00	37.41 2.74 0.00	39.88 2.92 0.00	40.41 3.16 0.00	45.35 3.44 0.00	55.83 4.04 0.00	70.82 4.63 0.00	75.38 4.60 0.00	72.06 4.08 0.00	58.87 3.07 0.00	45.60 2.50 0.00	38.91 1.92 0.00
BAYONEEC___CTG6 323687	35.56 1.40 0.00	32.26 1.59 0.00	28.74 1.47 0.00	27.59 1.31 0.00	28.47 1.33 0.00	30.82 1.33 0.00	38.96 1.71 0.00	40.20 2.17 0.00	35.05 2.23 0.00	32.60 2.30 0.00	33.19 2.49 0.00	33.41 2.36 0.00	34.03 2.46 0.00	37.41 2.74 0.00	39.88 2.92 0.00	40.41 3.16 0.00	45.35 3.44 0.00	55.83 4.04 0.00	70.82 4.63 0.00	75.38 4.60 0.00	72.06 4.08 0.00	58.87 3.07 0.00	45.60 2.50 0.00	38.91 1.92 0.00
BAYONEEC___CTG7 323688	35.56 1.40 0.00	32.26 1.59 0.00	28.74 1.47 0.00	27.59 1.31 0.00	28.47 1.33 0.00	30.82 1.33 0.00	38.96 1.71 0.00	40.20 2.17 0.00	35.05 2.23 0.00	32.60 2.30 0.00	33.19 2.49 0.00	33.41 2.36 0.00	34.03 2.46 0.00	37.41 2.74 0.00	39.88 2.92 0.00	40.41 3.16 0.00	45.35 3.44 0.00	55.83 4.04 0.00	70.82 4.63 0.00	75.38 4.60 0.00	72.06 4.08 0.00	58.87 3.07 0.00	45.60 2.50 0.00	38.91 1.92 0.00

BAYONEEC___CTG8 323689	35.56 1.40 0.00	32.26 1.59 0.00	28.74 1.47 0.00	27.59 1.31 0.00	28.47 1.33 0.00	30.82 1.33 0.00	38.96 1.71 0.00	40.20 2.17 0.00	35.05 2.23 0.00	32.60 2.30 0.00	33.19 2.49 0.00	33.41 2.36 0.00	34.03 2.46 0.00	37.41 2.74 0.00	39.88 2.92 0.00	40.41 3.16 0.00	45.35 3.44 0.00	55.83 4.04 0.00	70.82 4.63 0.00	75.38 4.60 0.00	72.06 4.08 0.00	58.87 3.07 0.00	45.60 2.50 0.00	38.91 1.92 0.00
BAYONEEC___CTG9 323749	35.56 1.40 0.00	32.26 1.59 0.00	28.74 1.47 0.00	27.59 1.31 0.00	28.47 1.33 0.00	30.82 1.33 0.00	38.96 1.71 0.00	40.20 2.17 0.00	35.05 2.23 0.00	32.60 2.30 0.00	33.19 2.49 0.00	33.41 2.36 0.00	34.03 2.46 0.00	37.41 2.74 0.00	39.88 2.92 0.00	40.41 3.16 0.00	45.35 3.44 0.00	55.83 4.04 0.00	70.82 4.63 0.00	75.38 4.60 0.00	72.06 4.08 0.00	58.87 3.07 0.00	45.60 2.50 0.00	38.91 1.92 0.00
BAYPORT_69_KV_BK 2 356364	41.62 2.90 -4.56	33.59 2.85 -0.07	29.81 2.54 -0.01	28.64 2.36 0.00	29.53 2.39 0.00	32.15 2.65 -0.01	41.16 3.43 -0.48	46.40 3.80 -4.55	36.30 3.48 0.00	33.63 3.33 0.00	34.27 3.56 -0.01	34.54 3.48 -0.01	35.62 3.66 -0.39	42.28 3.88 -3.72	44.01 4.07 -2.98	50.20 4.25 -8.70	53.87 4.57 -7.40	64.67 5.75 -7.13	86.54 6.88 -13.47	81.09 7.43 -2.88	80.41 7.00 -5.42	67.85 5.41 -6.64	57.02 4.05 -9.87	45.55 3.33 -5.24
BEACON___LESR 323632	35.08 0.92 0.00	31.62 0.95 0.00	28.20 0.93 0.00	27.12 0.84 0.00	27.96 0.81 0.00	30.37 0.88 0.00	37.99 0.74 0.00	38.72 0.69 0.00	33.24 0.43 0.00	30.63 0.33 0.00	31.01 0.31 0.00	31.30 0.25 0.00	31.85 0.28 0.00	34.95 0.28 0.00	37.37 0.41 0.00	37.96 0.71 0.00	42.79 0.88 0.00	52.67 0.88 0.00	67.58 1.39 0.00	72.27 1.49 0.00	69.55 1.56 0.00	57.14 1.34 0.00	44.48 1.38 0.00	37.91 0.93 0.00
BEAVER RIVER___HYD 24048	34.47 0.31 0.00	30.79 0.12 0.00	27.38 0.11 0.00	26.44 0.16 0.00	27.25 0.11 0.00	29.75 0.26 0.00	37.51 0.26 0.00	37.81 -0.23 0.00	32.46 -0.36 0.00	29.87 -0.42 0.00	30.12 -0.58 0.00	30.55 -0.50 0.00	31.06 -0.51 0.00	34.05 -0.62 0.00	36.22 -0.74 0.00	36.43 -0.82 0.00	41.07 -0.84 0.00	51.86 -0.88 -0.96	67.33 -0.26 -1.41	72.08 0.50 -0.80	69.15 0.61 -0.55	56.74 0.50 -0.44	43.06 -0.17 -0.12	36.80 -0.18 0.00
BEEBEE_GT_13 23619	31.87 -2.29 0.00	28.15 -2.51 0.00	25.11 -2.15 0.00	24.30 -1.97 0.00	25.32 -1.82 0.00	27.21 -2.24 0.04	33.26 -2.64 1.35	34.73 -2.55 0.75	30.81 -1.97 0.04	28.57 -1.73 0.00	29.07 -1.63 0.00	29.56 -1.49 0.00	29.73 -1.83 0.00	32.21 -2.15 0.31	34.51 -2.25 0.19	34.71 -2.27 0.27	37.98 -2.39 1.54	47.65 -2.49 1.65	60.84 -2.71 2.63	64.47 -3.04 3.26	61.91 -3.13 2.95	50.41 -2.68 2.71	39.41 -2.67 1.02	35.21 -1.78 0.00
BENSHRST_27_KV_BENSHRST_1 355998	36.11 1.95 -0.01	32.67 1.99 -0.01	29.10 1.83 0.00	27.98 1.71 0.00	28.80 1.66 0.00	31.14 1.65 0.00	39.26 2.01 0.00	40.55 2.51 0.00	35.45 2.63 -0.01	32.88 2.58 -0.01	33.44 2.73 -0.01	33.73 2.67 -0.01	34.42 2.84 -0.01	37.80 3.12 -0.01	40.37 3.40 -0.01	40.91 3.65 -0.01	45.94 4.02 -0.01	56.56 4.76 -0.01	71.69 5.49 -0.01	76.24 5.45 -0.01	72.89 4.89 -0.01	59.49 3.68 -0.01	46.13 3.02 -0.01	39.47 2.48 -0.01
BETHLEHEM___GRP 23843	34.77 0.61 0.00	31.31 0.64 0.00	27.92 0.65 0.00	26.91 0.63 0.00	27.71 0.57 0.00	30.08 0.59 0.00	37.55 0.30 0.00	38.30 0.27 0.00	32.92 0.10 0.00	30.36 0.06 0.00	30.73 0.03 0.00	31.02 -0.03 0.00	31.57 0.00 0.00	34.64 -0.03 0.00	37.03 0.07 0.00	37.55 0.30 0.00	42.29 0.38 0.00	51.94 0.16 0.00	66.52 0.33 0.00	70.99 0.21 0.00	68.39 0.41 0.00	56.19 0.39 0.00	43.80 0.69 0.00	37.43 0.44 0.00
BETHLEHEM___GS1 323560	34.74 0.58 0.00	31.31 0.65 0.00	27.95 0.68 0.00	26.88 0.60 0.00	27.71 0.57 0.00	30.05 0.56 0.00	37.55 0.30 0.00	38.31 0.27 0.00	32.92 0.10 0.00	30.36 0.06 0.00	30.70 0.00 0.00	31.02 -0.03 0.00	31.57 0.00 0.00	34.67 0.00 0.00	37.03 0.07 0.00	37.55 0.30 0.00	42.28 0.38 0.00	51.94 0.16 0.00	66.52 0.33 0.00	70.99 0.21 0.00	68.39 0.41 0.00	56.20 0.39 0.00	43.84 0.73 0.00	37.43 0.45 0.00
BETHLEHEM___GS2 323561	34.74 0.58 0.00	31.31 0.65 0.00	27.95 0.68 0.00	26.88 0.60 0.00	27.71 0.57 0.00	30.05 0.56 0.00	37.55 0.30 0.00	38.31 0.27 0.00	32.92 0.10 0.00	30.36 0.06 0.00	30.70 0.00 0.00	31.02 -0.03 0.00	31.57 0.00 0.00	34.67 0.00 0.00	37.03 0.07 0.00	37.55 0.30 0.00	42.28 0.38 0.00	51.94 0.16 0.00	66.52 0.33 0.00	70.99 0.21 0.00	68.39 0.41 0.00	56.20 0.39 0.00	43.84 0.73 0.00	37.43 0.45 0.00
BETHLEHEM___GS3 323562	34.74 0.58 0.00	31.31 0.65 0.00	27.95 0.68 0.00	26.88 0.60 0.00	27.71 0.57 0.00	30.05 0.56 0.00	37.55 0.30 0.00	38.31 0.27 0.00	32.92 0.10 0.00	30.36 0.06 0.00	30.70 0.00 0.00	31.02 -0.03 0.00	31.57 0.00 0.00	34.67 0.00 0.00	37.03 0.07 0.00	37.55 0.30 0.00	42.28 0.38 0.00	51.94 0.16 0.00	66.52 0.33 0.00	70.99 0.21 0.00	68.39 0.41 0.00	56.20 0.39 0.00	43.84 0.73 0.00	37.43 0.45 0.00
BETHLEHEM___STEEL 23779	30.55 -3.59 0.03	27.30 -3.34 0.03	24.19 -3.05 0.03	23.31 -2.94 0.03	24.19 -2.93 0.03	26.22 -3.01 0.27	25.42 -3.39 8.44	30.11 -3.20 4.73	29.93 -2.63 0.26	27.73 -2.55 0.03	28.06 -2.64 0.00	28.48 -2.55 0.03	28.95 -2.59 0.03	29.89 -2.81 1.97	32.83 -2.92 1.21	32.74 -2.83 1.68	34.22 -2.98 4.71	41.38 -3.06 7.35	48.46 -3.64 14.08	54.53 -4.18 12.08	56.19 -4.28 7.51	43.56 -3.79 8.45	34.97 -3.45 4.69	33.78 -3.18 0.03
BETHLHEM_115KV_TB1 79974	34.81 0.65 0.00	31.34 0.67 0.00	27.92 0.65 0.00	26.91 0.63 0.00	27.71 0.57 0.00	30.08 0.59 0.00	37.62 0.37 0.00	38.38 0.34 0.00	33.02 0.20 0.00	30.45 0.15 0.00	30.82 0.12 0.00	31.11 0.06 0.00	31.70 0.13 0.00	34.78 0.10 0.00	37.18 0.22 0.00	37.66 0.41 0.00	42.41 0.50 0.00	52.15 0.36 0.00	66.71 0.53 0.00	71.27 0.50 0.00	68.60 0.61 0.00	56.30 0.50 0.00	43.88 0.78 0.00	37.50 0.52 0.00
BETHPAGE_CC_5 323564	41.57 2.15 -5.25	33.02 2.27 -0.08	29.30 2.02 -0.01	28.12 1.84 0.00	29.04 1.90 0.00	31.48 1.98 -0.01	40.36 2.57 -0.55	46.15 3.00 -5.11	35.64 2.82 0.00	33.03 2.73 0.00	33.66 2.95 -0.01	33.92 2.85 -0.01	34.99 2.97 -0.45	42.18 3.23 -4.29	43.84 3.44 -3.44	50.82 3.54 -10.03	53.99 3.56 -8.52	64.25 4.25 -8.22	86.74 5.03 -15.53	79.34 5.24 -3.32	79.06 4.83 -6.25	67.08 3.63 -7.65	57.58 3.11 -11.37	45.57 2.55 -6.04
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.65 -3.48 0.03	27.51 -3.13 0.03	24.32 -2.92 0.03	23.41 -2.84 0.03	24.24 -2.88 0.03	26.40 -2.83 0.26	25.87 -3.13 8.25	30.44 -2.97 4.63	30.17 -2.40 0.25	27.88 -2.39 0.03	28.12 -2.58 0.00	28.57 -2.45 0.03	29.14 -2.40 0.03	30.18 -2.57 1.93	33.12 -2.66 1.18	33.04 -2.57 1.64	34.61 -2.68 4.62	41.95 -2.64 7.19	49.23 -3.18 13.78	55.28 -3.68 11.82	56.95 -3.74 7.29	44.12 -3.40 8.28	35.33 -3.19 4.59	33.85 -3.11 0.03

BINGHAMTON___COGEN 23790	33.65 -0.51 0.00	30.24 -0.43 0.00	26.84 -0.44 0.00	25.83 -0.45 0.00	26.71 -0.43 0.00	29.20 -0.32 -0.03	38.02 -0.37 -1.14	38.33 -0.34 -0.64	32.59 -0.26 -0.03	29.97 -0.33 0.00	30.27 -0.43 0.00	30.71 -0.34 0.00	31.29 -0.28 0.00	34.66 -0.28 -0.27	36.86 -0.26 -0.16	37.25 -0.22 -0.23	42.07 -0.17 -0.33	53.50 0.00 -1.71	69.40 0.13 -3.08	72.88 0.21 -1.89	69.23 0.14 -1.12	56.87 0.06 -1.01	43.57 -0.17 -0.64	36.69 -0.30 0.00
BIXINCNT_115KV_LOAD 355685	30.82 -3.31 0.02	27.95 -2.70 0.02	24.65 -2.59 0.02	23.68 -2.58 0.02	24.46 -2.66 0.02	27.04 -2.21 0.24	27.36 -2.38 7.51	31.58 -2.24 4.21	30.85 -1.74 0.23	28.34 -1.94 0.02	28.43 -2.27 0.00	28.85 -2.17 0.02	29.71 -1.83 0.02	31.01 -1.91 1.75	33.96 -1.92 1.08	33.93 -1.83 1.49	35.87 -1.80 4.23	43.62 -1.61 6.56	51.79 -1.85 12.54	57.78 -2.19 10.80	59.02 -2.31 6.66	45.81 -2.40 7.59	36.46 -2.46 4.19	33.97 -3.00 0.02
BLACK RIVER___HYD 24047	34.67 0.51 0.00	30.91 0.24 0.00	27.51 0.24 0.00	26.57 0.29 0.00	27.36 0.22 0.00	29.93 0.44 0.00	37.70 0.45 0.00	37.85 -0.19 0.00	32.49 -0.33 0.00	29.87 -0.42 0.00	30.03 -0.68 0.00	30.52 -0.53 0.00	31.06 -0.51 0.00	34.08 -0.59 0.00	36.26 -0.70 0.00	36.47 -0.78 0.00	41.15 -0.75 0.00	52.72 -0.67 -1.60	68.95 0.40 -2.36	73.82 1.70 -1.35	70.74 1.84 -0.92	58.10 1.56 -0.74	43.79 0.48 -0.21	37.39 0.41 0.00
BLACKRVR_115KV_TB2 79977	34.64 0.48 0.00	30.91 0.25 0.00	27.51 0.25 0.00	26.54 0.26 0.00	27.36 0.22 0.00	29.93 0.44 0.00	37.73 0.48 0.00	37.85 -0.19 0.00	32.49 -0.33 0.00	29.87 -0.42 0.00	30.03 -0.68 0.00	30.52 -0.53 0.00	31.06 -0.51 0.00	34.08 -0.59 0.00	36.26 -0.70 0.00	36.47 -0.78 0.00	41.11 -0.80 0.00	52.72 -0.67 -1.60	68.94 0.40 -2.36	73.83 1.70 -1.35	70.74 1.84 -0.92	58.10 1.56 -0.74	43.83 0.52 -0.21	37.39 0.41 0.00
BLISS_WT_PWR 323608	30.55 -3.59 0.02	27.88 -2.76 0.02	24.63 -2.62 0.02	23.52 -2.73 0.02	24.43 -2.69 0.02	27.13 -2.12 0.24	27.32 -2.42 7.51	31.55 -2.28 4.21	30.82 -1.77 0.23	28.34 -1.94 0.02	28.43 -2.27 0.00	28.82 -2.20 0.02	29.62 -1.93 0.02	30.98 -1.94 1.75	33.93 -1.96 1.08	33.93 -1.82 1.49	35.87 -1.80 4.23	43.62 -1.61 6.56	51.79 -1.85 12.54	57.78 -2.19 10.80	58.95 -2.38 6.66	45.70 -2.51 7.59	36.37 -2.54 4.19	33.89 -3.07 0.02
BLUESTONE___WT_PWR 323821	34.88 0.72 0.00	31.29 0.61 0.00	27.82 0.55 0.00	26.78 0.50 0.00	27.66 0.51 0.00	30.33 0.80 -0.04	39.39 0.82 -1.32	39.46 0.69 -0.74	33.41 0.56 -0.03	30.76 0.46 0.00	31.04 0.34 0.00	31.46 0.40 0.00	32.08 0.50 0.00	35.53 0.62 -0.24	37.77 0.67 -0.14	37.97 0.52 -0.20	42.93 0.71 -0.31	54.51 1.24 -1.48	71.61 2.25 -3.17	75.89 3.04 -2.07	72.16 2.92 -1.25	59.43 2.45 -1.17	45.39 1.55 -0.73	38.14 1.15 0.00
BLUE_CIRC_CHEM_DRP 24182	35.01 0.85 0.00	31.53 0.86 0.00	28.06 0.79 0.00	27.01 0.74 0.00	27.88 0.73 0.00	30.26 0.77 0.00	37.96 0.71 0.00	38.65 0.61 0.00	33.18 0.36 0.00	30.57 0.27 0.00	30.98 0.28 0.00	31.27 0.22 0.00	31.82 0.25 0.00	34.95 0.28 0.00	37.33 0.37 0.00	37.81 0.56 0.00	42.58 0.67 0.00	52.51 0.73 0.00	67.38 1.19 0.00	72.12 1.34 0.00	69.48 1.50 0.00	57.09 1.28 0.00	44.31 1.21 0.00	37.87 0.89 0.00
BOC_GAS_DRP 24189	34.81 0.65 0.00	31.31 0.64 0.00	27.87 0.60 0.00	26.85 0.58 0.00	27.69 0.54 0.00	30.08 0.59 0.00	37.84 0.60 0.00	38.68 0.65 0.00	33.34 0.53 0.00	30.78 0.48 0.00	31.19 0.49 0.00	31.49 0.43 0.00	32.07 0.51 0.00	35.23 0.55 0.00	37.59 0.63 0.00	38.03 0.78 0.00	42.75 0.84 0.00	52.67 0.88 0.00	67.24 1.06 0.00	71.84 1.06 0.00	69.07 1.09 0.00	56.69 0.89 0.00	44.01 0.91 0.00	37.65 0.67 0.00
BOONVILLE_115KV_TB1 79983	34.64 0.48 0.00	31.01 0.34 0.00	27.57 0.30 0.00	26.59 0.32 0.00	27.41 0.27 0.00	29.90 0.41 0.00	37.70 0.45 0.00	38.19 0.15 0.00	32.88 0.07 0.00	30.30 0.00 0.00	30.58 -0.12 0.00	31.02 -0.03 0.00	31.57 0.00 0.00	34.67 0.00 0.00	36.92 -0.04 0.00	37.21 -0.04 0.00	41.91 0.00 0.00	52.41 0.16 -0.47	67.67 0.79 -0.69	72.45 1.27 -0.39	69.54 1.29 -0.27	57.08 1.06 -0.22	43.60 0.43 -0.06	37.32 0.33 0.00
BORALEX_4TH_BRANCH 23824	35.76 1.61 0.00	32.20 1.53 0.00	28.66 1.39 0.00	27.59 1.31 0.00	28.47 1.33 0.00	30.93 1.44 0.00	38.93 1.68 0.00	39.67 1.64 0.00	33.97 1.15 0.00	31.30 1.00 0.00	31.56 0.86 0.00	31.83 0.78 0.00	32.45 0.88 0.00	35.58 0.90 0.00	38.14 1.18 0.00	38.70 1.45 0.00	43.50 1.59 0.00	53.55 1.76 0.00	68.57 2.38 0.00	72.90 2.12 0.00	70.63 2.65 0.00	58.03 2.23 0.00	45.35 2.24 0.00	38.65 1.66 0.00
BOWLINE___1 23526	35.28 1.13 0.00	31.99 1.32 0.00	28.47 1.20 0.00	27.33 1.05 0.00	28.20 1.06 0.00	30.55 1.06 0.00	38.66 1.42 0.00	39.83 1.79 0.00	34.62 1.80 0.00	32.12 1.82 0.00	32.64 1.94 0.00	32.91 1.86 0.00	33.53 1.96 0.00	36.86 2.19 0.00	39.33 2.37 0.00	39.86 2.61 0.00	44.72 2.81 0.00	55.11 3.32 0.00	70.16 3.97 0.00	74.67 3.89 0.00	71.58 3.60 0.00	58.42 2.62 0.00	45.22 2.11 0.00	38.57 1.59 0.00
BOWLINE___2 23595	35.28 1.13 0.00	31.99 1.32 0.00	28.47 1.20 0.00	27.33 1.05 0.00	28.20 1.06 0.00	30.58 1.09 0.00	38.66 1.42 0.00	39.83 1.79 0.00	34.62 1.80 0.00	32.12 1.82 0.00	32.64 1.94 0.00	32.91 1.86 0.00	33.53 1.96 0.00	36.86 2.19 0.00	39.33 2.37 0.00	39.86 2.61 0.00	44.72 2.81 0.00	55.11 3.32 0.00	70.16 3.97 0.00	74.67 3.89 0.00	71.58 3.60 0.00	58.42 2.62 0.00	45.22 2.11 0.00	38.57 1.59 0.00
BRADY___115KV_TB2 356060	34.57 0.41 0.00	30.97 0.31 0.00	27.46 0.19 0.00	26.49 0.21 0.00	27.33 0.19 0.00	29.81 0.32 0.00	37.66 0.41 0.00	38.19 0.15 0.00	32.82 0.00 0.00	30.21 -0.09 0.00	30.61 -0.09 0.00	30.96 -0.09 0.00	31.41 -0.16 0.00	34.57 -0.10 0.00	36.74 -0.22 0.00	36.99 -0.26 0.00	41.61 -0.29 0.00	51.37 -0.41 0.00	65.72 -0.46 0.00	70.78 0.00 0.00	68.19 0.20 0.00	56.14 0.33 0.00	43.19 0.09 0.00	36.99 0.00 0.00
BRANSCOMB___SOLAR 323811	35.59 1.43 0.00	32.08 1.41 0.00	28.58 1.31 0.00	27.51 1.24 0.00	28.42 1.28 0.00	30.88 1.39 0.00	38.81 1.56 0.00	39.40 1.37 0.00	33.67 0.85 0.00	30.96 0.67 0.00	31.32 0.61 0.00	31.61 0.56 0.00	32.14 0.57 0.00	35.30 0.62 0.00	37.74 0.78 0.00	38.37 1.12 0.00	43.33 1.43 0.00	53.49 1.71 0.00	68.83 2.65 0.00	73.75 2.97 0.00	71.18 3.20 0.00	58.65 2.84 0.00	45.43 2.33 0.00	38.76 1.78 0.00
BRDGHMPT_69_KV_BK1 55812	41.72 3.07 -4.49	33.81 3.07 -0.07	30.03 2.75 -0.01	28.83 2.55 0.00	29.75 2.61 0.00	32.45 2.95 -0.01	41.53 3.80 -0.48	46.76 4.22 -4.50	36.72 3.91 0.00	34.06 3.76 0.00	34.79 4.08 -0.01	35.10 4.04 -0.01	36.18 4.23 -0.39	42.84 4.51 -3.66	44.52 4.62 -2.94	50.66 4.84 -8.57	54.39 5.20 -7.28	65.44 6.63 -7.02	87.59 8.14 -13.27	82.32 8.71 -2.84	81.48 8.16 -5.34	68.70 6.36 -6.54	57.35 4.53 -9.71	45.77 3.62 -5.16

BRENTWOD_69_KV_W. BRTWOOD 56703	41.33 2.60 -4.58	33.35 2.61 -0.07	29.57 2.29 -0.01	28.46 2.18 0.00	29.31 2.17 0.00	31.89 2.39 -0.01	40.83 3.09 -0.49	46.11 3.50 -4.57	36.00 3.18 0.00	33.36 3.06 0.00	34.00 3.29 -0.01	34.26 3.20 -0.01	35.31 3.35 -0.39	41.98 3.57 -3.73	43.73 3.77 -3.00	49.90 3.91 -8.74	53.53 4.19 -7.43	63.92 4.97 -7.16	85.61 5.89 -13.53	79.97 6.30 -2.89	79.34 5.91 -5.44	66.99 4.52 -6.67	56.68 3.66 -9.91	45.32 3.07 -5.26
BRISTLHL_115KV_TB1 79998	33.10 -1.06 0.00	29.63 -1.04 0.00	26.34 -0.93 0.00	25.41 -0.87 0.00	26.30 -0.84 0.00	28.58 -0.91 0.00	36.13 -1.12 0.00	36.82 -1.22 0.00	31.80 -1.02 0.00	29.33 -0.97 0.00	29.72 -0.98 0.00	30.12 -0.93 0.00	30.59 -0.98 0.00	33.56 -1.11 0.00	35.78 -1.18 0.00	35.87 -1.38 0.00	40.96 -1.55 -0.61	54.20 -1.71 -4.12	69.95 -2.05 -5.82	72.90 -2.05 -4.17	69.32 -2.04 -3.37	56.97 -1.62 -2.79	42.42 -1.38 -0.69	36.02 -0.96 0.00
BROOKHAVEN___DRP 24191	41.28 2.63 -4.49	33.38 2.64 -0.07	29.59 2.32 -0.01	28.46 2.18 0.00	29.34 2.20 0.00	31.95 2.45 -0.01	40.86 3.13 -0.48	46.03 3.50 -4.50	36.03 3.22 0.00	33.39 3.09 0.00	34.03 3.32 -0.01	34.29 3.23 -0.01	35.36 3.41 -0.39	41.91 3.57 -3.66	43.56 3.66 -2.94	49.65 3.84 -8.56	53.17 3.98 -7.28	63.83 5.02 -7.02	85.47 6.02 -13.26	80.20 6.58 -2.84	79.57 6.25 -5.34	67.14 4.80 -6.54	56.48 3.66 -9.71	45.14 3.00 -5.16
BROOKLYN_NAVY_YARD 23515	35.46 1.30 0.00	32.20 1.53 0.00	28.69 1.42 0.00	27.51 1.24 0.00	28.42 1.28 0.00	30.73 1.24 0.00	38.93 1.68 0.00	40.17 2.13 0.00	35.02 2.20 0.00	32.57 2.27 0.00	33.13 2.42 0.00	33.38 2.33 0.00	34.00 2.43 0.00	37.38 2.71 0.00	39.85 2.88 0.00	40.38 3.13 0.00	45.30 3.39 0.00	55.78 3.99 0.00	70.82 4.63 0.00	75.31 4.53 0.00	72.06 4.08 0.00	58.87 3.07 0.00	45.56 2.46 0.00	38.87 1.89 0.00
BROOKLYN___ARMY_DRP 323595	36.01 1.84 -0.01	32.58 1.90 -0.01	29.01 1.75 0.00	27.91 1.63 0.00	28.72 1.57 0.00	31.05 1.56 0.00	39.15 1.90 0.00	40.43 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.52 -0.01	34.26 2.68 -0.01	37.63 2.95 -0.01	40.18 3.22 -0.01	40.72 3.46 -0.01	45.73 3.81 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.88 5.10 -0.01	72.55 4.55 -0.01	59.27 3.46 -0.01	45.96 2.84 -0.01	39.32 2.33 -0.01
BROOME_2_LFGE 323671	33.61 -0.55 0.00	30.24 -0.43 0.00	26.83 -0.44 0.00	25.81 -0.47 0.00	26.71 -0.44 0.00	29.23 -0.29 -0.03	38.02 -0.37 -1.14	38.33 -0.34 -0.64	32.59 -0.26 -0.03	29.97 -0.33 0.00	30.27 -0.43 0.00	30.71 -0.34 0.00	31.26 -0.32 0.00	34.66 -0.28 -0.27	36.87 -0.26 -0.16	37.25 -0.22 -0.23	42.07 -0.17 -0.33	53.50 0.00 -1.71	69.40 0.13 -3.08	72.88 0.21 -1.89	69.24 0.14 -1.12	56.87 0.06 -1.01	43.57 -0.17 -0.64	36.69 -0.30 0.00
BROOME___LFGE 323600	33.61 -0.55 0.00	30.24 -0.43 0.00	26.83 -0.44 0.00	25.81 -0.47 0.00	26.71 -0.44 0.00	29.23 -0.29 -0.03	38.02 -0.37 -1.14	38.33 -0.34 -0.64	32.59 -0.26 -0.03	29.97 -0.33 0.00	30.27 -0.43 0.00	30.71 -0.34 0.00	31.26 -0.32 0.00	34.66 -0.28 -0.27	36.87 -0.26 -0.16	37.25 -0.22 -0.23	42.07 -0.17 -0.33	53.50 0.00 -1.71	69.40 0.13 -3.08	72.88 0.21 -1.89	69.24 0.14 -1.12	56.87 0.06 -1.01	43.57 -0.17 -0.64	36.69 -0.30 0.00
BROWNFLS_115KV_TB 3_5 80003	34.23 0.07 0.00	30.64 -0.03 0.00	27.19 -0.08 0.00	26.22 -0.05 0.00	27.06 -0.08 0.00	29.52 0.03 0.00	37.25 0.00 0.00	37.62 -0.42 0.00	32.33 -0.49 0.00	29.75 -0.55 0.00	30.06 -0.64 0.00	30.46 -0.59 0.00	30.87 -0.69 0.00	33.88 -0.80 0.00	36.04 -0.92 0.00	36.17 -1.08 0.00	40.65 -1.26 0.00	50.95 -1.50 -0.66	65.84 -1.32 -0.98	70.56 -0.78 -0.56	67.75 -0.61 -0.38	55.66 -0.45 -0.31	42.50 -0.69 -0.08	36.39 -0.59 0.00
BROWNSV1_27_KV_LOAD 356125	35.94 1.78 0.00	32.48 1.81 0.00	28.90 1.64 0.00	27.83 1.55 0.00	28.66 1.52 0.00	31.05 1.56 0.00	39.22 1.97 0.00	40.51 2.47 0.00	35.31 2.49 0.00	32.84 2.55 0.00	33.40 2.70 0.00	33.66 2.61 0.00	34.35 2.78 0.00	37.69 3.02 0.00	40.18 3.22 0.00	40.71 3.46 0.00	45.76 3.86 0.00	56.29 4.51 0.00	71.48 5.29 0.00	76.09 5.31 0.00	72.74 4.76 0.00	59.37 3.57 0.00	45.95 2.84 0.00	39.20 2.22 0.00
BURROWS___LYONSDAL 23803	34.57 0.41 0.00	30.94 0.28 0.00	27.51 0.25 0.00	26.54 0.26 0.00	27.36 0.22 0.00	29.84 0.35 0.00	37.66 0.41 0.00	38.08 0.04 0.00	32.75 -0.07 0.00	30.18 -0.12 0.00	30.46 -0.25 0.00	30.90 -0.16 0.00	31.44 -0.13 0.00	34.50 -0.17 0.00	36.78 -0.18 0.00	37.03 -0.22 0.00	41.70 -0.21 0.00	52.25 -0.10 -0.56	67.54 0.53 -0.83	72.31 1.06 -0.47	69.40 1.09 -0.32	56.95 0.89 -0.26	43.39 0.22 -0.07	37.13 0.15 0.00
CAITHNESS_CC_1 323624	41.07 2.43 -4.49	33.28 2.54 -0.07	29.54 2.26 -0.01	28.33 2.05 0.00	29.26 2.12 0.00	31.80 2.30 -0.01	40.78 3.06 -0.48	45.92 3.38 -4.50	35.94 3.12 0.00	33.30 3.00 0.00	33.93 3.22 -0.01	34.19 3.13 -0.01	35.24 3.28 -0.38	41.80 3.47 -3.66	43.48 3.58 -2.94	49.46 3.65 -8.56	53.04 3.85 -7.28	63.67 4.87 -7.02	85.20 5.76 -13.26	79.77 6.15 -2.84	79.30 5.98 -5.33	66.91 4.58 -6.53	56.35 3.54 -9.71	45.03 2.89 -5.15
CALPINE BETH_PAGE_GT4 24209	41.97 2.25 -5.55	32.99 2.24 -0.09	29.27 1.99 -0.01	28.17 1.89 0.00	29.02 1.87 0.00	31.45 1.95 -0.01	40.32 2.50 -0.57	46.31 2.93 -5.34	35.54 2.72 0.00	32.96 2.67 0.00	33.57 2.86 -0.01	33.86 2.79 -0.01	34.98 2.94 -0.48	42.36 3.16 -4.53	43.96 3.36 -3.63	51.27 3.43 -10.59	54.43 3.52 -9.01	64.66 4.19 -8.68	87.55 4.96 -16.41	79.38 5.10 -3.51	79.27 4.69 -6.60	67.46 3.57 -8.08	58.13 3.02 -12.01	45.77 2.40 -6.38
CALPINE_BETH_PAGE_GT_4 323586	41.83 2.12 -5.55	32.99 2.24 -0.09	29.30 2.02 -0.01	28.09 1.81 0.00	29.01 1.87 0.00	31.42 1.92 -0.01	40.32 2.50 -0.57	46.31 2.93 -5.34	35.54 2.72 0.00	32.97 2.67 0.00	33.57 2.86 -0.01	33.86 2.80 -0.01	34.92 2.87 -0.48	42.36 3.15 -4.53	43.96 3.36 -3.63	51.27 3.42 -10.59	54.39 3.48 -9.01	64.66 4.19 -8.68	87.56 4.97 -16.41	79.39 5.10 -3.51	79.27 4.69 -6.60	67.46 3.57 -8.08	58.18 3.06 -12.01	45.77 2.40 -6.38
CALPINE_BP_GT1 23823	41.83 2.12 -5.55	32.99 2.24 -0.09	29.30 2.02 -0.01	28.09 1.81 0.00	29.01 1.87 0.00	31.42 1.92 -0.01	40.32 2.50 -0.57	46.31 2.93 -5.34	35.54 2.72 0.00	32.97 2.67 0.00	33.57 2.86 -0.01	33.86 2.80 -0.01	34.92 2.87 -0.48	42.36 3.15 -4.53	43.96 3.36 -3.63	51.27 3.42 -10.59	54.39 3.48 -9.01	64.66 4.19 -8.68	87.56 4.97 -16.41	79.39 5.10 -3.51	79.27 4.69 -6.60	67.46 3.57 -8.08	58.18 3.06 -12.01	45.77 2.40 -6.38
CALSPAN___DRP 24200	30.55 -3.59 0.03	27.30 -3.34 0.03	24.19 -3.05 0.03	23.31 -2.94 0.03	24.19 -2.93 0.03	26.22 -3.01 0.27	25.42 -3.39 8.44	30.11 -3.20 4.73	29.93 -2.63 0.26	27.73 -2.55 0.03	28.06 -2.64 0.00	28.48 -2.55 0.03	28.95 -2.59 0.03	29.89 -2.81 1.97	32.83 -2.92 1.21	32.74 -2.83 1.68	34.22 -2.98 4.71	41.38 -3.06 7.35	48.46 -3.64 14.08	54.53 -4.18 12.08	56.19 -4.28 7.51	43.56 -3.79 8.45	34.97 -3.45 4.69	33.78 -3.18 0.03

CALVERTON___SOLAR 323806	41.28 2.63 -4.49	33.47 2.73 -0.07	29.70 2.43 -0.01	28.46 2.18 0.00	29.42 2.28 0.00	31.98 2.48 -0.01	41.01 3.28 -0.48	46.15 3.62 -4.50	36.13 3.31 0.00	33.48 3.18 0.00	34.12 3.41 -0.01	34.38 3.32 -0.01	35.43 3.47 -0.39	42.01 3.67 -3.66	43.67 3.77 -2.94	49.69 3.87 -8.57	53.30 4.11 -7.28	64.04 5.23 -7.02	85.80 6.35 -13.26	80.41 6.80 -2.84	79.91 6.59 -5.34	67.42 5.08 -6.54	56.65 3.84 -9.71	45.28 3.14 -5.16
CANDIGU_WT_PWR 323617	32.30 -1.74 0.11	28.90 -1.66 0.11	25.63 -1.53 0.11	24.72 -1.45 0.11	25.65 -1.38 0.11	27.12 -1.21 1.16	-1.98 -1.34 37.89	15.21 -1.60 21.23	30.16 -1.51 1.15	28.61 -1.58 0.11	28.98 -1.72 0.00	29.35 -1.58 0.11	29.88 -1.58 0.11	24.20 -1.66 8.81	29.87 -1.70 5.39	28.17 -1.60 7.48	22.34 -1.55 18.02	19.99 -1.24 30.55	4.16 -1.13 60.90	21.08 -0.64 49.06	35.60 -0.55 31.84	22.98 -0.56 32.26	22.20 -0.99 19.91	35.69 -1.18 0.11
CARR STREET_E_SYR 24060	33.44 -0.72 0.00	29.90 -0.77 0.00	26.59 -0.68 0.00	25.65 -0.63 0.00	26.52 -0.62 0.00	28.84 -0.65 0.00	36.46 -0.78 0.00	37.20 -0.84 0.00	32.13 -0.69 0.00	29.66 -0.64 0.00	30.06 -0.65 0.00	30.49 -0.56 0.00	30.97 -0.60 0.00	33.98 -0.69 0.00	36.18 -0.78 0.00	36.36 -0.89 0.00	40.63 -0.92 0.36	51.75 -0.99 -0.95	66.60 -1.13 -1.54	70.10 -1.06 -0.38	66.79 -1.16 0.04	54.82 -0.89 0.08	42.22 -0.91 -0.02	36.39 -0.59 0.00
CARTHAGE___PAPER 23857	34.60 0.44 0.00	30.88 0.22 0.00	27.49 0.22 0.00	26.51 0.24 0.00	27.33 0.19 0.00	29.87 0.38 0.00	37.66 0.41 0.00	37.89 -0.15 0.00	32.49 -0.33 0.00	29.90 -0.39 0.00	30.09 -0.61 0.00	30.55 -0.50 0.00	31.10 -0.47 0.00	34.08 -0.59 0.00	36.26 -0.70 0.00	36.47 -0.78 0.00	41.15 -0.75 0.00	52.42 -0.73 -1.35	68.31 0.13 -1.99	73.05 1.13 -1.14	70.05 1.29 -0.78	57.48 1.06 -0.62	43.45 0.17 -0.17	37.13 0.15 0.00
CASSADAGA_WT_PWR 323784	30.99 -3.14 0.02	28.01 -2.64 0.02	24.79 -2.45 0.02	23.84 -2.42 0.02	24.70 -2.42 0.02	27.09 -2.15 0.25	26.97 -2.35 7.93	31.38 -2.21 4.45	30.87 -1.71 0.24	28.52 -1.76 0.02	28.77 -1.93 0.00	29.16 -1.86 0.02	29.81 -1.74 0.02	30.91 -1.91 1.85	33.86 -1.96 1.14	33.81 -1.86 1.58	35.63 -1.84 4.44	43.33 -1.55 6.91	51.17 -1.78 13.23	57.28 -2.12 11.37	58.53 -2.31 7.14	45.33 -2.51 7.96	36.11 -2.59 4.41	34.11 -2.85 0.02
CE_DUNWOOD___DRP 24194	35.59 1.43 0.00	32.14 1.47 0.00	28.60 1.34 0.00	27.54 1.26 0.00	28.36 1.22 0.00	30.79 1.30 0.00	38.89 1.64 0.00	40.05 2.02 0.00	34.82 2.00 0.00	32.33 2.03 0.00	32.88 2.18 0.00	33.13 2.08 0.00	33.81 2.24 0.00	37.10 2.43 0.00	39.58 2.62 0.00	40.12 2.87 0.00	45.05 3.14 0.00	55.47 3.68 0.00	70.55 4.37 0.00	75.17 4.39 0.00	71.93 3.94 0.00	58.70 2.90 0.00	45.43 2.33 0.00	38.80 1.81 0.00
CE_MILLWOOD___DRP 24193	35.53 1.37 0.00	32.11 1.44 0.00	28.55 1.28 0.00	27.49 1.21 0.00	28.31 1.17 0.00	30.73 1.24 0.00	38.81 1.56 0.00	39.98 1.94 0.00	34.75 1.94 0.00	32.24 1.94 0.00	32.79 2.09 0.00	33.04 1.99 0.00	33.68 2.12 0.00	37.00 2.32 0.00	39.47 2.51 0.00	40.01 2.76 0.00	44.93 3.02 0.00	55.31 3.52 0.00	70.42 4.24 0.00	75.03 4.25 0.00	71.79 3.81 0.00	58.59 2.79 0.00	45.39 2.28 0.00	38.72 1.74 0.00
CE_NYC2_DRP 24202	35.80 1.64 0.00	32.39 1.72 0.00	28.85 1.58 0.00	27.77 1.50 0.00	28.58 1.44 0.00	30.96 1.47 0.00	39.04 1.79 0.00	40.28 2.24 0.00	35.19 2.36 -0.01	32.73 2.42 -0.01	33.29 2.58 -0.01	33.54 2.48 -0.01	34.20 2.62 -0.01	37.53 2.84 -0.01	40.04 3.07 -0.01	40.57 3.32 -0.01	45.52 3.60 -0.01	55.93 4.14 0.00	70.82 4.63 0.00	75.38 4.60 0.00	72.06 4.08 0.00	58.81 3.01 0.00	45.69 2.59 0.00	39.09 2.11 0.00
CE_NYC_DRP 24195	35.73 1.57 0.00	32.29 1.63 0.00	28.77 1.50 0.00	27.70 1.42 0.00	28.50 1.36 0.00	30.91 1.42 0.00	39.04 1.79 0.00	40.28 2.24 0.00	35.12 2.30 0.00	32.63 2.33 0.00	33.19 2.49 0.00	33.44 2.39 0.00	34.09 2.53 0.00	37.45 2.77 0.00	39.92 2.96 0.00	40.45 3.20 0.00	45.43 3.52 0.00	55.88 4.09 0.00	70.95 4.77 0.00	75.52 4.74 0.00	72.20 4.21 0.00	58.98 3.18 0.00	45.65 2.54 0.00	38.95 1.96 0.00
CHAFFEE___LFGE 323603	30.72 -3.42 0.02	27.49 -3.16 0.02	24.30 -2.95 0.02	23.44 -2.81 0.02	24.24 -2.88 0.02	26.46 -2.77 0.25	26.10 -3.17 7.98	30.56 -3.01 4.47	30.14 -2.43 0.25	27.85 -2.42 0.02	28.15 -2.55 0.00	28.57 -2.45 0.02	29.18 -2.37 0.02	30.21 -2.60 1.86	33.12 -2.70 1.14	33.06 -2.61 1.59	34.75 -2.68 4.47	42.13 -2.70 6.96	49.69 -3.18 13.32	55.65 -3.68 11.45	57.14 -3.74 7.10	44.32 -3.46 8.02	35.43 -3.23 4.44	33.89 -3.07 0.02
CHATEAUG_35_KV_LOAD 355732	34.40 0.24 0.00	30.85 0.18 0.00	27.35 0.08 0.00	26.36 0.08 0.00	27.22 0.08 0.00	29.61 0.12 0.00	37.44 0.19 0.00	38.15 0.11 0.00	32.85 0.03 0.00	30.30 0.00 0.00	30.70 0.00 0.00	31.05 0.00 0.00	31.54 -0.03 0.00	34.67 0.00 0.00	36.92 -0.04 0.00	37.21 -0.04 0.00	41.91 0.00 0.00	51.74 -0.05 0.00	66.05 -0.13 0.00	70.78 0.00 0.00	67.98 0.00 0.00	55.75 -0.06 0.00	42.93 -0.17 0.00	36.69 -0.30 0.00
CHATEAUG_WT_PWR 323614	34.33 0.17 0.00	30.76 0.09 0.00	27.30 0.03 0.00	26.30 0.03 0.00	27.17 0.03 0.00	29.55 0.06 0.00	37.36 0.11 0.00	38.11 0.08 0.00	32.85 0.03 0.00	30.30 0.00 0.00	30.73 0.03 0.00	31.05 0.00 0.00	31.54 -0.03 0.00	34.71 0.03 0.00	36.92 -0.04 0.00	37.21 -0.04 0.00	41.91 0.00 0.00	51.74 -0.05 0.00	65.92 -0.26 0.00	70.57 -0.21 0.00	67.78 -0.20 0.00	55.63 -0.17 0.00	42.85 -0.26 0.00	36.65 -0.33 0.00
CHAT_HIGH_FALL_HYD 323578	34.40 0.24 0.00	30.85 0.18 0.00	27.35 0.08 0.00	26.36 0.08 0.00	27.22 0.08 0.00	29.61 0.12 0.00	37.44 0.19 0.00	38.15 0.11 0.00	32.85 0.03 0.00	30.30 0.00 0.00	30.70 0.00 0.00	31.05 0.00 0.00	31.54 -0.03 0.00	34.67 0.00 0.00	36.92 -0.04 0.00	37.21 -0.04 0.00	41.91 0.00 0.00	51.74 -0.05 0.00	66.05 -0.13 0.00	70.78 0.00 0.00	67.98 0.00 0.00	55.75 -0.06 0.00	42.93 -0.17 0.00	36.69 -0.30 0.00
CHAUTAUQUA___LFGE 323629	30.99 -3.14 0.03	27.76 -2.88 0.03	24.60 -2.64 0.03	23.73 -2.52 0.03	24.57 -2.55 0.03	26.78 -2.45 0.26	26.22 -2.76 8.27	30.81 -2.59 4.64	30.53 -2.03 0.26	28.24 -2.03 0.03	28.58 -2.12 0.00	29.01 -2.02 0.03	29.56 -1.99 0.03	30.49 -2.25 1.93	33.45 -2.33 1.18	33.37 -2.23 1.64	35.04 -2.26 4.61	42.42 -2.17 7.19	49.82 -2.58 13.78	55.98 -2.97 11.83	57.39 -3.13 7.46	44.47 -3.07 8.26	35.58 -2.93 4.59	34.11 -2.85 0.03
CHERRYST_13_KV_LD 356241	35.80 1.64 0.00	32.36 1.69 0.00	28.82 1.55 0.00	27.75 1.47 0.00	28.55 1.41 0.00	30.96 1.47 0.00	39.11 1.86 0.00	40.40 2.36 0.00	35.21 2.40 0.00	32.72 2.42 0.00	33.31 2.61 0.00	33.57 2.52 0.00	34.22 2.65 0.00	37.59 2.91 0.00	40.07 3.10 0.00	40.60 3.35 0.00	45.60 3.69 0.00	56.09 4.30 0.00	71.21 5.03 0.00	75.73 4.95 0.00	72.40 4.42 0.00	59.15 3.35 0.00	45.73 2.63 0.00	39.06 2.07 0.00

CHESTROR_138KV_BK263 355645	35.18 1.02 0.00	31.77 1.10 0.00	28.25 0.98 0.00	27.20 0.92 0.00	28.01 0.87 0.00	30.43 0.94 0.00	38.44 1.19 0.00	39.52 1.48 0.00	34.30 1.48 0.00	31.78 1.48 0.00	32.30 1.60 0.00	32.57 1.52 0.00	33.21 1.64 0.00	36.51 1.84 0.00	38.96 2.00 0.00	39.45 2.20 0.00	44.30 2.39 0.00	54.64 2.85 0.00	69.63 3.44 0.00	74.25 3.47 0.00	71.11 3.13 0.00	58.09 2.29 0.00	44.92 1.81 0.00	38.39 1.41 0.00
CH_MIDHUDSON___DRP 24192	35.49 1.33 0.00	32.02 1.35 0.00	28.50 1.23 0.00	27.43 1.16 0.00	28.26 1.11 0.00	30.67 1.18 0.00	38.74 1.49 0.00	39.79 1.75 0.00	34.52 1.71 0.00	31.96 1.67 0.00	32.45 1.75 0.00	32.73 1.68 0.00	33.40 1.83 0.00	36.72 2.05 0.00	39.22 2.25 0.00	39.71 2.46 0.00	44.63 2.72 0.00	55.10 3.31 0.00	70.29 4.10 0.00	74.88 4.11 0.00	71.72 3.74 0.00	58.59 2.79 0.00	45.35 2.24 0.00	38.69 1.70 0.00
CH_MISC_IPPS 23765	35.42 1.26 0.00	32.08 1.41 0.00	28.52 1.26 0.00	27.41 1.13 0.00	28.26 1.11 0.00	30.64 1.15 0.00	38.78 1.53 0.00	39.83 1.79 0.00	34.52 1.71 0.00	31.96 1.67 0.00	32.45 1.75 0.00	32.73 1.68 0.00	33.37 1.80 0.00	36.79 2.12 0.00	39.25 2.29 0.00	39.82 2.57 0.00	44.72 2.81 0.00	55.31 3.52 0.00	70.69 4.50 0.00	75.31 4.53 0.00	72.13 4.15 0.00	58.87 3.07 0.00	45.52 2.41 0.00	38.80 1.81 0.00
CH_RES_BVR_FALLS 23983	34.12 -0.03 0.00	30.64 -0.03 0.00	27.21 -0.05 0.00	26.25 -0.03 0.00	27.09 -0.05 0.00	29.46 -0.03 0.00	37.21 -0.04 0.00	38.00 -0.04 0.00	32.75 -0.07 0.00	30.24 -0.06 0.00	30.64 -0.06 0.00	30.99 -0.06 0.00	31.51 -0.06 0.00	34.60 -0.07 0.00	36.89 -0.07 0.00	37.18 -0.07 0.00	41.82 -0.08 0.00	51.63 -0.15 0.00	65.99 -0.20 0.00	70.57 -0.21 0.00	67.71 -0.27 0.00	55.63 -0.17 0.00	42.93 -0.17 0.00	36.80 -0.18 0.00
CH_RES_NIAGARA 23895	29.15 -4.99 0.02	25.77 -4.88 0.02	22.99 -4.25 0.02	22.26 -3.99 0.02	23.21 -3.91 0.02	25.21 -4.07 0.21	25.50 -5.25 6.50	29.56 -4.83 3.65	28.08 -4.53 0.21	26.05 -4.21 0.04	26.60 -4.08 0.02	27.04 -3.97 0.04	27.08 -4.45 0.04	28.85 -4.30 1.52	31.48 -4.55 0.94	31.70 -4.25 1.30	33.83 -4.19 3.89	39.78 -6.16 5.85	47.51 -7.61 11.06	52.39 -8.49 9.90	52.02 -8.43 7.54	41.77 -7.09 6.95	33.64 -5.78 3.69	32.53 -4.44 0.02
CH_RES_SYRACUSE 23985	33.65 -0.51 0.00	30.08 -0.58 0.00	26.75 -0.52 0.00	25.80 -0.47 0.00	26.68 -0.46 0.00	29.05 -0.44 0.00	36.69 -0.56 0.00	37.39 -0.65 0.00	32.29 -0.53 0.00	29.78 -0.52 0.00	30.15 -0.55 0.00	30.59 -0.46 0.00	31.10 -0.47 0.00	34.12 -0.56 0.00	36.33 -0.63 0.00	36.51 -0.74 0.00	41.15 -0.75 0.00	53.20 -0.73 -2.13	68.60 -0.73 -3.14	71.94 -0.64 -1.79	68.53 -0.68 -1.23	56.23 -0.56 -0.98	42.73 -0.65 -0.27	36.62 -0.37 0.00
CLINTON_WT_PWR 323605	34.33 0.17 0.00	30.76 0.09 0.00	27.30 0.03 0.00	26.30 0.03 0.00	27.17 0.03 0.00	29.55 0.06 0.00	37.36 0.11 0.00	38.11 0.08 0.00	32.85 0.03 0.00	30.30 0.00 0.00	30.73 0.03 0.00	31.05 0.00 0.00	31.54 -0.03 0.00	34.71 0.03 0.00	36.92 -0.04 0.00	37.21 -0.04 0.00	41.91 0.00 0.00	51.74 -0.05 0.00	65.92 -0.26 0.00	70.57 -0.21 0.00	67.78 -0.20 0.00	55.63 -0.17 0.00	42.85 -0.26 0.00	36.65 -0.33 0.00
CLINTON___LFGE 323618	34.81 0.65 0.00	31.16 0.49 0.00	27.54 0.27 0.00	26.57 0.29 0.00	27.47 0.33 0.00	29.93 0.44 0.00	37.92 0.67 0.00	38.57 0.53 0.00	33.18 0.36 0.00	30.54 0.24 0.00	30.95 0.24 0.00	31.36 0.31 0.00	31.82 0.25 0.00	35.12 0.45 0.00	37.33 0.37 0.00	37.66 0.41 0.00	42.49 0.59 0.00	52.46 0.67 0.00	66.98 0.80 0.00	71.91 1.13 0.00	69.14 1.15 0.00	56.69 0.89 0.00	43.58 0.48 0.00	37.13 0.15 0.00
COBBLENY_34_KV_TB1 80064	30.68 -3.45 0.02	27.48 -3.16 0.02	24.33 -2.92 0.02	23.41 -2.84 0.02	24.24 -2.88 0.02	26.38 -2.86 0.25	26.10 -3.17 7.98	30.56 -3.00 4.47	30.14 -2.43 0.25	27.85 -2.42 0.02	28.15 -2.55 0.00	28.57 -2.45 0.02	29.11 -2.43 0.02	30.21 -2.60 1.86	33.12 -2.70 1.14	33.06 -2.61 1.59	34.71 -2.72 4.47	42.14 -2.69 6.96	49.69 -3.18 13.32	55.65 -3.68 11.45	57.14 -3.74 7.10	44.37 -3.40 8.02	35.47 -3.19 4.44	33.89 -3.07 0.02
COFFEEN___115KV_TB3 355620	34.77 0.61 0.00	31.01 0.34 0.00	27.60 0.33 0.00	26.62 0.34 0.00	27.44 0.30 0.00	30.02 0.53 0.00	37.84 0.60 0.00	37.92 -0.11 0.00	32.56 -0.26 0.00	29.93 -0.36 0.00	30.06 -0.64 0.00	30.59 -0.47 0.00	31.13 -0.44 0.00	34.15 -0.52 0.00	36.30 -0.67 0.00	36.54 -0.71 0.00	41.20 -0.71 0.00	52.86 -0.57 -1.64	69.26 0.66 -2.41	74.21 2.05 -1.38	71.17 2.24 -0.95	58.46 1.90 -0.76	44.05 0.73 -0.21	37.58 0.59 0.00
COLDSPRG_115KV_BK1 355956	31.40 -2.73 0.02	28.50 -2.15 0.02	25.09 -2.15 0.02	24.07 -2.18 0.02	24.81 -2.31 0.02	27.43 -1.83 0.23	28.06 -1.79 7.40	32.29 -1.60 4.15	31.41 -1.18 0.23	28.82 -1.45 0.02	28.89 -1.81 0.00	29.32 -1.71 0.02	30.22 -1.33 0.02	31.56 -1.39 1.73	34.50 -1.40 1.06	34.51 -1.27 1.47	36.52 -1.22 4.17	44.55 -0.78 6.46	53.04 -0.79 12.35	59.07 -1.06 10.65	60.20 -1.16 6.63	46.76 -1.56 7.48	37.17 -1.81 4.13	34.45 -2.52 0.02
COLONIE_LFGE___ 323577	35.32 1.16 0.00	31.80 1.14 0.00	28.33 1.06 0.00	27.25 0.97 0.00	28.15 1.00 0.00	30.58 1.09 0.00	38.44 1.19 0.00	39.18 1.14 0.00	33.60 0.79 0.00	30.96 0.67 0.00	31.28 0.58 0.00	31.58 0.53 0.00	32.17 0.60 0.00	35.30 0.62 0.00	37.77 0.81 0.00	38.29 1.04 0.00	43.12 1.22 0.00	53.19 1.40 0.00	68.17 1.98 0.00	72.76 1.98 0.00	70.16 2.17 0.00	57.64 1.84 0.00	44.87 1.77 0.00	38.28 1.29 0.00
COOPERNY_115KV_TB1 80082	34.77 0.61 0.00	31.31 0.64 0.00	27.84 0.57 0.00	26.80 0.53 0.00	27.66 0.52 0.00	30.05 0.56 0.00	37.96 0.71 0.00	38.99 0.95 0.00	33.77 0.95 0.00	31.27 0.97 0.00	31.71 1.01 0.00	32.04 0.99 0.00	32.64 1.07 0.00	35.85 1.18 0.00	38.25 1.29 0.00	38.55 1.30 0.00	43.33 1.42 0.00	53.50 1.71 0.00	68.30 2.12 0.00	72.90 2.12 0.00	69.96 1.97 0.00	57.25 1.45 0.00	44.23 1.12 0.00	37.84 0.85 0.00
COPENHAGEN_WT_PWR 323753	34.54 0.38 0.00	30.79 0.12 0.00	27.41 0.14 0.00	26.46 0.19 0.00	27.25 0.11 0.00	29.81 0.32 0.00	37.58 0.33 0.00	37.77 -0.26 0.00	32.43 -0.39 0.00	29.81 -0.49 0.00	30.00 -0.70 0.00	30.49 -0.56 0.00	31.03 -0.54 0.00	34.05 -0.62 0.00	36.22 -0.74 0.00	36.43 -0.82 0.00	41.11 -0.80 0.00	52.74 -0.78 -1.73	68.93 0.20 -2.54	73.57 1.34 -1.45	70.47 1.49 -1.00	57.88 1.28 -0.80	43.63 0.30 -0.22	37.28 0.29 0.00
CORNELL_____ 23752	34.17 0.00 -0.01	30.62 -0.06 -0.01	27.17 -0.11 -0.01	26.18 -0.11 -0.01	27.13 -0.03 -0.01	29.69 0.09 -0.12	41.29 0.19 -3.86	40.20 0.00 -2.16	32.87 -0.07 -0.12	30.13 -0.18 -0.01	30.39 -0.31 0.00	30.85 -0.22 -0.01	31.36 -0.22 -0.01	35.35 -0.21 -0.89	37.32 -0.18 -0.54	37.86 -0.15 -0.75	43.44 -0.04 -1.58	56.42 0.41 -4.21	75.15 0.99 -7.98	77.88 1.42 -5.68	72.86 1.29 -3.59	60.37 1.12 -3.46	45.77 0.56 -2.11	37.37 0.37 -0.01

CORONA V_69_KV_TB1 355595	45.40 1.98 -9.26	32.84 2.02 -0.14	29.11 1.83 -0.02	27.98 1.71 0.00	28.85 1.71 0.00	31.34 1.83 -0.02	40.47 2.31 -0.91	49.22 2.70 -8.48	35.41 2.59 0.00	32.81 2.51 0.00	33.42 2.70 -0.02	33.71 2.64 -0.02	35.11 2.75 -0.79	45.21 2.98 -7.55	46.20 3.18 -6.06	58.27 3.35 -17.67	60.53 3.60 -15.02	70.62 4.35 -14.48	98.71 5.16 -27.36	81.94 5.31 -5.85	83.89 4.89 -11.01	73.03 3.74 -13.49	66.11 2.97 -20.03	49.99 2.37 -10.64
CORTLAND_115KV_TB3 80093	33.96 -0.20 0.00	30.46 -0.21 0.00	27.05 -0.22 0.00	26.07 -0.21 0.00	26.96 -0.19 0.00	29.44 -0.09 -0.04	38.50 -0.07 -1.33	38.59 -0.19 -0.74	32.69 -0.16 -0.04	30.06 -0.24 0.00	30.39 -0.31 0.00	30.84 -0.22 0.00	31.35 -0.22 0.00	34.74 -0.24 -0.31	36.93 -0.22 -0.19	37.25 -0.26 -0.26	42.17 -0.17 -0.43	54.03 0.05 -2.19	70.40 0.33 -3.89	73.86 0.64 -2.44	70.00 0.54 -1.47	57.61 0.45 -1.36	44.02 0.13 -0.79	37.03 0.04 0.00
COXSACKIE___GT 23611	35.35 1.19 0.00	31.86 1.19 0.00	28.39 1.12 0.00	27.30 1.02 0.00	28.15 1.00 0.00	30.55 1.06 0.00	38.29 1.04 0.00	38.84 0.80 0.00	33.18 0.36 0.00	30.42 0.12 0.00	30.79 0.09 0.00	31.08 0.03 0.00	31.66 0.09 0.00	34.95 0.28 0.00	37.37 0.41 0.00	37.92 0.67 0.00	42.83 0.92 0.00	53.34 1.55 0.00	69.17 2.98 0.00	74.18 3.40 0.00	71.38 3.40 0.00	58.65 2.84 0.00	45.35 2.24 0.00	38.65 1.67 0.00
CPV_VALLEY___CC1 323721	34.98 0.82 0.00	31.65 0.98 0.00	28.17 0.90 0.00	27.04 0.76 0.00	27.93 0.79 0.00	30.26 0.77 0.00	38.29 1.04 0.00	39.40 1.37 0.00	34.20 1.38 0.00	31.72 1.42 0.00	32.24 1.53 0.00	32.51 1.46 0.00	33.12 1.55 0.00	36.41 1.73 0.00	38.84 1.88 0.00	39.34 2.08 0.00	44.13 2.22 0.00	54.43 2.64 0.00	69.30 3.11 0.00	73.89 3.11 0.00	70.77 2.79 0.00	57.81 2.01 0.00	44.74 1.64 0.00	38.20 1.22 0.00
CPV_VALLEY___CC2 323722	34.98 0.82 0.00	31.65 0.98 0.00	28.17 0.90 0.00	27.04 0.76 0.00	27.93 0.79 0.00	30.26 0.77 0.00	38.29 1.04 0.00	39.40 1.37 0.00	34.20 1.38 0.00	31.72 1.42 0.00	32.24 1.53 0.00	32.51 1.46 0.00	33.12 1.55 0.00	36.41 1.73 0.00	38.84 1.88 0.00	39.34 2.08 0.00	44.13 2.22 0.00	54.43 2.64 0.00	69.30 3.11 0.00	73.89 3.11 0.00	70.77 2.79 0.00	57.81 2.01 0.00	44.74 1.64 0.00	38.20 1.22 0.00
CRESCENT___HYD 24018	35.32 1.16 0.00	31.80 1.14 0.00	28.33 1.06 0.00	27.25 0.97 0.00	28.15 1.00 0.00	30.58 1.09 0.00	38.44 1.19 0.00	39.18 1.14 0.00	33.60 0.79 0.00	30.96 0.67 0.00	31.28 0.58 0.00	31.58 0.53 0.00	32.17 0.60 0.00	35.30 0.62 0.00	37.77 0.81 0.00	38.29 1.04 0.00	43.12 1.22 0.00	53.19 1.40 0.00	68.17 1.98 0.00	72.76 1.98 0.00	70.16 2.17 0.00	57.64 1.84 0.00	44.87 1.77 0.00	38.28 1.29 0.00
CRICKET___VALLEY_CC1 323756	35.25 1.09 0.00	31.93 1.26 0.00	28.41 1.15 0.00	27.28 1.00 0.00	28.15 1.00 0.00	30.52 1.03 0.00	38.59 1.34 0.00	39.67 1.63 0.00	34.39 1.58 0.00	31.90 1.60 0.00	32.39 1.69 0.00	32.63 1.58 0.00	33.27 1.70 0.00	36.58 1.91 0.00	39.07 2.11 0.00	39.56 2.31 0.00	44.38 2.47 0.00	54.69 2.90 0.00	69.62 3.44 0.00	74.11 3.33 0.00	71.11 3.13 0.00	58.09 2.29 0.00	45.09 1.98 0.00	38.47 1.48 0.00
CRICKET___VALLEY_CC2 323757	35.25 1.09 0.00	31.93 1.26 0.00	28.41 1.15 0.00	27.28 1.00 0.00	28.15 1.00 0.00	30.52 1.03 0.00	38.59 1.34 0.00	39.67 1.63 0.00	34.39 1.58 0.00	31.90 1.60 0.00	32.39 1.69 0.00	32.63 1.58 0.00	33.27 1.70 0.00	36.58 1.91 0.00	39.07 2.11 0.00	39.56 2.31 0.00	44.38 2.47 0.00	54.69 2.90 0.00	69.62 3.44 0.00	74.11 3.33 0.00	71.11 3.13 0.00	58.09 2.29 0.00	45.09 1.98 0.00	38.47 1.48 0.00
CRICKET___VALLEY_CC3 323758	35.25 1.09 0.00	31.93 1.26 0.00	28.41 1.15 0.00	27.28 1.00 0.00	28.15 1.00 0.00	30.52 1.03 0.00	38.59 1.34 0.00	39.67 1.63 0.00	34.39 1.58 0.00	31.90 1.60 0.00	32.39 1.69 0.00	32.63 1.58 0.00	33.27 1.70 0.00	36.58 1.91 0.00	39.07 2.11 0.00	39.56 2.31 0.00	44.38 2.47 0.00	54.69 2.90 0.00	69.62 3.44 0.00	74.11 3.33 0.00	71.11 3.13 0.00	58.09 2.29 0.00	45.09 1.98 0.00	38.47 1.48 0.00
CRUCIBLE_METL_DRP 24180	33.61 -0.55 0.00	30.09 -0.58 0.00	26.75 -0.52 0.00	25.78 -0.50 0.00	26.68 -0.46 0.00	29.02 -0.47 0.00	36.69 -0.56 0.00	37.39 -0.65 0.00	32.29 -0.53 0.00	29.78 -0.52 0.00	30.15 -0.55 0.00	30.59 -0.47 0.00	31.06 -0.51 0.00	34.12 -0.55 0.00	36.33 -0.63 0.00	36.51 -0.75 0.00	41.15 -0.75 0.00	53.20 -0.73 -2.13	68.60 -0.73 -3.14	71.94 -0.64 -1.79	68.53 -0.68 -1.23	56.23 -0.56 -0.98	42.77 -0.60 -0.27	36.62 -0.37 0.00
DAHOWA___HYDRO 323763	35.70 1.54 0.00	32.17 1.50 0.00	28.69 1.42 0.00	27.62 1.34 0.00	28.53 1.38 0.00	30.99 1.50 0.00	38.96 1.71 0.00	39.56 1.52 0.00	33.80 0.98 0.00	31.06 0.76 0.00	31.41 0.71 0.00	31.70 0.65 0.00	32.23 0.66 0.00	35.40 0.73 0.00	37.85 0.89 0.00	38.48 1.23 0.00	43.54 1.63 0.00	53.71 1.92 0.00	69.23 3.05 0.00	74.18 3.40 0.00	71.52 3.53 0.00	58.98 3.18 0.00	45.65 2.54 0.00	38.94 1.96 0.00
DANC___LFGE 323619	34.06 -0.10 0.00	30.39 -0.28 0.00	27.05 -0.22 0.00	26.12 -0.16 0.00	26.93 -0.22 0.00	29.40 -0.09 0.00	37.06 -0.19 0.00	37.47 -0.57 0.00	32.23 -0.59 0.00	29.66 -0.64 0.00	29.94 -0.77 0.00	30.40 -0.65 0.00	30.90 -0.66 0.00	33.91 -0.76 0.00	36.07 -0.89 0.00	36.28 -0.97 0.00	41.07 -1.01 -0.17	53.01 -1.04 -2.26	68.91 -0.53 -3.26	73.02 0.14 -2.10	69.84 0.27 -1.58	57.37 0.28 -1.29	43.14 -0.30 -0.34	36.84 -0.15 0.00
DANSKAMMER___1 23586	35.42 1.26 0.00	32.08 1.41 0.00	28.52 1.26 0.00	27.41 1.13 0.00	28.26 1.11 0.00	30.64 1.15 0.00	38.78 1.53 0.00	39.83 1.79 0.00	34.52 1.71 0.00	31.96 1.67 0.00	32.45 1.75 0.00	32.73 1.68 0.00	33.37 1.80 0.00	36.79 2.12 0.00	39.25 2.29 0.00	39.82 2.57 0.00	44.72 2.81 0.00	55.31 3.52 0.00	70.69 4.50 0.00	75.31 4.53 0.00	72.13 4.15 0.00	58.87 3.07 0.00	45.52 2.41 0.00	38.80 1.81 0.00
DANSKAMMER___2 23589	35.42 1.26 0.00	32.08 1.41 0.00	28.52 1.26 0.00	27.41 1.13 0.00	28.26 1.11 0.00	30.64 1.15 0.00	38.78 1.53 0.00	39.83 1.79 0.00	34.52 1.71 0.00	31.96 1.67 0.00	32.45 1.75 0.00	32.73 1.68 0.00	33.37 1.80 0.00	36.79 2.12 0.00	39.25 2.29 0.00	39.82 2.57 0.00	44.72 2.81 0.00	55.31 3.52 0.00	70.69 4.50 0.00	75.31 4.53 0.00	72.13 4.15 0.00	58.87 3.07 0.00	45.52 2.41 0.00	38.80 1.81 0.00
DANSKAMMER___3 23590	35.42 1.26 0.00	32.08 1.41 0.00	28.52 1.26 0.00	27.41 1.13 0.00	28.26 1.11 0.00	30.64 1.15 0.00	38.78 1.53 0.00	39.83 1.79 0.00	34.52 1.71 0.00	31.96 1.67 0.00	32.45 1.75 0.00	32.73 1.68 0.00	33.37 1.80 0.00	36.79 2.12 0.00	39.25 2.29 0.00	39.82 2.57 0.00	44.72 2.81 0.00	55.31 3.52 0.00	70.69 4.50 0.00	75.31 4.53 0.00	72.13 4.15 0.00	58.87 3.07 0.00	45.52 2.41 0.00	38.80 1.81 0.00

DANSKAMMER___4 23591	35.42 1.26 0.00	32.08 1.41 0.00	28.52 1.26 0.00	27.41 1.13 0.00	28.26 1.11 0.00	30.64 1.15 0.00	38.78 1.53 0.00	39.83 1.79 0.00	34.52 1.71 0.00	31.96 1.67 0.00	32.45 1.75 0.00	32.73 1.68 0.00	33.37 1.80 0.00	36.79 2.12 0.00	39.25 2.29 0.00	39.82 2.57 0.00	44.72 2.81 0.00	55.31 3.52 0.00	70.69 4.50 0.00	75.31 4.53 0.00	72.13 4.15 0.00	58.87 3.07 0.00	45.52 2.41 0.00	38.80 1.81 0.00
DANSKAMMER___DIESEL 23592	35.53 1.37 0.00	32.08 1.41 0.00	28.52 1.25 0.00	27.46 1.18 0.00	28.26 1.11 0.00	30.70 1.21 0.00	38.78 1.53 0.00	39.83 1.79 0.00	34.52 1.71 0.00	31.96 1.67 0.00	32.45 1.75 0.00	32.73 1.68 0.00	33.40 1.83 0.00	36.79 2.12 0.00	39.25 2.29 0.00	39.82 2.57 0.00	44.76 2.85 0.00	55.31 3.52 0.00	70.69 4.50 0.00	75.31 4.53 0.00	72.13 4.15 0.00	58.81 3.01 0.00	45.48 2.37 0.00	38.80 1.81 0.00
DARBY___SOLAR 323810	35.59 1.43 0.00	32.08 1.41 0.00	28.60 1.34 0.00	27.51 1.24 0.00	28.42 1.28 0.00	30.88 1.39 0.00	38.81 1.56 0.00	39.45 1.41 0.00	33.70 0.89 0.00	30.96 0.67 0.00	31.32 0.61 0.00	31.61 0.56 0.00	32.17 0.60 0.00	35.30 0.62 0.00	37.74 0.78 0.00	38.37 1.12 0.00	43.37 1.47 0.00	53.55 1.76 0.00	68.96 2.78 0.00	73.89 3.11 0.00	71.25 3.26 0.00	58.65 2.84 0.00	45.47 2.37 0.00	38.80 1.81 0.00
DASHVILLE___HYD 23610	35.42 1.26 0.00	31.99 1.32 0.00	28.47 1.20 0.00	27.38 1.10 0.00	28.20 1.06 0.00	30.58 1.09 0.00	38.63 1.38 0.00	39.71 1.67 0.00	34.43 1.61 0.00	31.87 1.58 0.00	32.39 1.69 0.00	32.67 1.61 0.00	33.34 1.77 0.00	36.72 2.05 0.00	39.18 2.22 0.00	39.67 2.42 0.00	44.59 2.68 0.00	55.15 3.37 0.00	70.49 4.30 0.00	75.03 4.25 0.00	71.86 3.88 0.00	58.65 2.85 0.00	45.35 2.24 0.00	38.69 1.70 0.00
DELAWARE___LFGE 323621	34.71 0.55 0.00	31.19 0.52 0.00	27.73 0.46 0.00	26.72 0.45 0.00	27.58 0.43 0.00	30.02 0.53 0.00	38.04 0.78 -0.01	38.77 0.72 -0.01	33.44 0.62 0.00	30.90 0.61 0.00	31.25 0.55 0.00	31.64 0.59 0.00	32.23 0.66 0.00	35.44 0.76 0.00	37.78 0.81 0.00	38.22 0.97 0.00	43.00 1.09 -0.01	53.50 1.35 -0.37	68.58 1.85 -0.54	73.22 2.12 -0.32	70.26 2.04 -0.24	57.59 1.62 -0.17	44.36 1.21 -0.05	37.95 0.96 0.00
DERFIELD_115KV_TB7 355931	34.23 0.07 0.00	30.73 0.06 0.00	27.35 0.08 0.00	26.36 0.08 0.00	27.20 0.05 0.00	29.55 0.06 0.00	37.29 0.04 0.00	38.08 0.04 0.00	32.85 0.03 0.00	30.33 0.03 0.00	30.70 0.00 0.00	31.05 0.00 0.00	31.60 0.03 0.00	34.71 0.03 0.00	37.00 0.04 0.00	37.29 0.04 0.00	41.95 0.04 0.00	51.84 0.05 0.00	66.32 0.13 0.00	70.92 0.14 0.00	68.12 0.14 0.00	55.91 0.11 0.00	43.19 0.09 0.00	37.06 0.07 0.00
DOGLEVILLE___HYD 23807	34.74 0.58 0.00	31.19 0.52 0.00	27.73 0.46 0.00	26.70 0.42 0.00	27.52 0.38 0.00	29.99 0.50 0.00	37.84 0.60 0.00	38.53 0.49 0.00	33.24 0.43 0.00	30.72 0.42 0.00	31.07 0.37 0.00	31.42 0.37 0.00	31.92 0.35 0.00	34.85 0.17 0.00	37.11 0.15 0.00	37.33 0.07 0.00	41.95 0.04 0.00	51.84 0.05 0.00	66.45 0.26 0.00	71.20 0.42 0.00	68.53 0.54 0.00	56.64 0.84 0.00	43.80 0.69 0.00	37.65 0.67 0.00
DUNKIRK___115KV_TB_200 55889	30.96 -3.18 0.03	27.73 -2.91 0.03	24.57 -2.67 0.03	23.68 -2.58 0.03	24.54 -2.58 0.03	26.66 -2.57 0.26	26.12 -2.83 8.30	30.76 -2.62 4.66	30.49 -2.07 0.26	28.21 -2.06 0.03	28.55 -2.15 0.00	28.98 -2.05 0.03	29.49 -2.05 0.03	30.45 -2.29 1.94	33.41 -2.37 1.19	33.33 -2.27 1.65	34.94 -2.35 4.62	42.29 -2.28 7.22	49.63 -2.71 13.84	55.79 -3.11 11.87	57.29 -3.20 7.50	44.44 -3.07 8.29	35.56 -2.93 4.61	34.11 -2.85 0.03
DUNKIRK___1 23563	30.96 -3.18 0.03	27.73 -2.91 0.03	24.57 -2.67 0.03	23.68 -2.58 0.03	24.54 -2.58 0.03	26.66 -2.57 0.26	26.12 -2.83 8.30	30.76 -2.62 4.66	30.49 -2.07 0.26	28.21 -2.06 0.03	28.55 -2.15 0.00	28.98 -2.05 0.03	29.49 -2.05 0.03	30.45 -2.29 1.94	33.41 -2.37 1.19	33.33 -2.27 1.65	34.94 -2.35 4.62	42.29 -2.28 7.22	49.63 -2.71 13.84	55.79 -3.11 11.87	57.29 -3.20 7.50	44.44 -3.07 8.29	35.56 -2.93 4.61	34.11 -2.85 0.03
DUNKIRK___2 23564	30.96 -3.18 0.03	27.73 -2.91 0.03	24.57 -2.67 0.03	23.68 -2.58 0.03	24.54 -2.58 0.03	26.66 -2.57 0.26	26.12 -2.83 8.30	30.76 -2.62 4.66	30.49 -2.07 0.26	28.21 -2.06 0.03	28.55 -2.15 0.00	28.98 -2.05 0.03	29.49 -2.05 0.03	30.45 -2.29 1.94	33.41 -2.37 1.19	33.33 -2.27 1.65	34.94 -2.35 4.62	42.29 -2.28 7.22	49.63 -2.71 13.84	55.79 -3.11 11.87	57.29 -3.20 7.50	44.44 -3.07 8.29	35.56 -2.93 4.61	34.11 -2.85 0.03
DUNKIRK___3 23565	30.82 -3.31 0.03	27.61 -3.04 0.03	24.46 -2.78 0.03	23.57 -2.68 0.03	24.40 -2.71 0.03	26.54 -2.68 0.27	25.81 -2.98 8.46	30.55 -2.74 4.75	30.32 -2.23 0.26	28.06 -2.21 0.03	28.37 -2.33 0.00	28.79 -2.24 0.03	29.30 -2.24 0.03	30.27 -2.43 1.98	33.27 -2.48 1.21	33.15 -2.42 1.68	34.69 -2.51 4.70	41.95 -2.49 7.35	49.04 -3.04 14.10	55.22 -3.47 12.09	56.77 -3.54 7.68	44.08 -3.29 8.43	35.35 -3.06 4.70	34.00 -2.96 0.03
DUNKIRK___4 23566	30.82 -3.31 0.03	27.61 -3.04 0.03	24.46 -2.78 0.03	23.57 -2.68 0.03	24.40 -2.71 0.03	26.54 -2.68 0.27	25.81 -2.98 8.46	30.55 -2.74 4.75	30.32 -2.23 0.26	28.06 -2.21 0.03	28.37 -2.33 0.00	28.79 -2.24 0.03	29.30 -2.24 0.03	30.27 -2.43 1.98	33.27 -2.48 1.21	33.15 -2.42 1.68	34.69 -2.51 4.70	41.95 -2.49 7.35	49.04 -3.04 14.10	55.22 -3.47 12.09	56.77 -3.54 7.68	44.08 -3.29 8.43	35.35 -3.06 4.70	34.00 -2.96 0.03
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.63 1.47 0.00	32.20 1.53 0.00	28.66 1.39 0.00	27.56 1.29 0.00	28.39 1.25 0.00	30.82 1.33 0.00	38.93 1.68 0.00	40.13 2.09 0.00	34.92 2.10 0.00	32.42 2.12 0.00	32.97 2.27 0.00	33.22 2.17 0.00	33.91 2.34 0.00	37.21 2.53 0.00	39.70 2.74 0.00	40.19 2.94 0.00	45.13 3.23 0.00	55.57 3.78 0.00	70.75 4.57 0.00	75.31 4.53 0.00	72.06 4.08 0.00	58.81 3.01 0.00	45.52 2.41 0.00	38.83 1.85 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.35 1.20 0.00	31.93 1.26 0.00	28.39 1.12 0.00	27.33 1.05 0.00	28.15 1.00 0.00	30.55 1.06 0.00	38.63 1.38 0.00	39.71 1.67 0.00	34.46 1.64 0.00	31.90 1.61 0.00	32.42 1.72 0.00	32.70 1.65 0.00	33.37 1.80 0.00	36.68 2.01 0.00	39.18 2.22 0.00	39.67 2.42 0.00	44.55 2.64 0.00	55.05 3.26 0.00	70.22 4.04 0.00	74.81 4.03 0.00	71.65 3.67 0.00	58.48 2.68 0.00	45.22 2.11 0.00	38.58 1.59 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	36.04 1.88 0.00	32.69 2.02 0.00	29.12 1.85 0.00	28.01 1.73 0.00	28.85 1.71 0.00	31.17 1.68 0.00	38.81 1.56 0.00	39.79 1.75 0.00	34.62 1.81 0.00	32.11 1.82 0.01	32.73 2.03 0.00	32.95 1.89 0.00	33.62 2.05 0.00	36.93 2.25 0.00	39.36 2.40 0.00	39.90 2.64 0.00	44.80 2.89 0.00	55.15 3.37 0.00	70.49 4.30 0.00	75.10 4.32 0.00	71.79 3.81 0.00	58.59 2.79 0.00	45.61 2.50 0.00	39.13 2.15 0.00

E179THST_13_KV_LOAD 356214	36.21 2.05 0.00	32.82 2.15 0.00	29.20 1.94 0.00	28.12 1.84 0.00	28.96 1.82 0.00	31.29 1.80 0.00	38.96 1.71 0.00	39.98 1.94 0.00	34.75 1.94 0.00	32.26 1.97 0.01	32.88 2.18 0.00	33.10 2.05 0.00	33.78 2.21 0.00	37.10 2.43 0.00	39.55 2.59 0.00	40.08 2.83 0.00	45.01 3.10 0.00	55.41 3.63 0.00	70.88 4.70 0.00	75.45 4.67 0.00	72.13 4.15 0.00	58.87 3.07 0.00	45.82 2.72 0.00	39.28 2.29 0.00
EAST HAMPTON___GT 23717	41.59 2.94 -4.49	33.80 3.07 -0.07	30.06 2.78 -0.01	28.75 2.47 0.00	29.78 2.63 0.00	32.48 2.98 -0.01	41.67 3.95 -0.48	46.91 4.37 -4.50	36.89 4.07 0.00	34.24 3.94 0.00	35.01 4.30 -0.01	35.31 4.25 -0.01	36.41 4.45 -0.39	43.09 4.75 -3.66	44.78 4.88 -2.94	50.77 4.95 -8.57	54.64 5.45 -7.28	65.85 7.04 -7.02	88.12 8.67 -13.27	82.68 9.06 -2.84	81.89 8.57 -5.34	68.92 6.58 -6.54	57.48 4.66 -9.71	45.81 3.66 -5.16
EAST RIVER___6 23660	35.56 1.40 0.00	32.29 1.62 0.00	28.74 1.47 0.00	27.59 1.31 0.00	28.50 1.36 0.00	30.82 1.33 0.00	39.04 1.79 0.00	40.32 2.28 0.00	35.15 2.33 0.00	32.60 2.30 0.00	33.19 2.49 0.00	33.41 2.36 0.00	34.06 2.49 0.00	37.45 2.77 0.00	39.92 2.96 0.00	40.45 3.20 0.00	45.38 3.48 0.00	55.93 4.14 0.00	71.08 4.90 0.00	75.59 4.82 0.00	72.27 4.29 0.00	59.04 3.24 0.00	45.69 2.59 0.00	38.98 2.00 0.00
EAST RIVER___7 23524	35.56 1.40 0.00	32.29 1.62 0.00	28.74 1.47 0.00	27.59 1.31 0.00	28.50 1.36 0.00	30.82 1.33 0.00	39.04 1.79 0.00	40.32 2.28 0.00	35.15 2.33 0.00	32.60 2.30 0.00	33.19 2.49 0.00	33.41 2.36 0.00	34.06 2.49 0.00	37.45 2.77 0.00	39.92 2.96 0.00	40.45 3.20 0.00	45.38 3.48 0.00	55.93 4.14 0.00	71.08 4.90 0.00	75.59 4.82 0.00	72.27 4.29 0.00	59.04 3.24 0.00	45.69 2.59 0.00	38.98 2.00 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.59 1.43 0.00	32.14 1.47 0.00	28.60 1.34 0.00	27.54 1.26 0.00	28.36 1.22 0.00	30.79 1.30 0.00	38.89 1.64 0.00	40.05 2.02 0.00	34.82 2.00 0.00	32.33 2.03 0.00	32.88 2.18 0.00	33.13 2.08 0.00	33.81 2.24 0.00	37.10 2.43 0.00	39.58 2.62 0.00	40.12 2.87 0.00	45.05 3.14 0.00	55.47 3.68 0.00	70.55 4.37 0.00	75.17 4.39 0.00	71.93 3.94 0.00	58.70 2.90 0.00	45.43 2.33 0.00	38.80 1.81 0.00
EAST_HAMPTON___DIESEL 23722	41.55 2.90 -4.49	33.80 3.07 -0.07	30.06 2.78 -0.01	28.72 2.44 0.00	29.75 2.61 0.00	32.48 2.98 -0.01	41.64 3.91 -0.48	46.91 4.37 -4.50	36.89 4.07 0.00	34.24 3.94 0.00	35.01 4.30 -0.01	35.31 4.25 -0.01	36.41 4.45 -0.39	43.09 4.75 -3.66	44.78 4.88 -2.94	50.77 4.95 -8.57	54.64 5.45 -7.28	65.80 6.99 -7.02	88.12 8.67 -13.27	82.68 9.06 -2.84	81.82 8.50 -5.34	68.92 6.58 -6.54	57.48 4.66 -9.71	45.77 3.63 -5.16
EAST_POINT___SOLAR 323840	35.73 1.57 0.00	32.14 1.47 0.00	28.60 1.34 0.00	27.54 1.26 0.00	28.50 1.36 0.00	30.99 1.50 0.00	38.40 1.16 0.00	38.04 0.00 0.00	32.39 -0.43 0.00	29.72 -0.58 0.00	30.06 -0.65 0.00	30.37 -0.68 0.00	30.87 -0.69 0.00	33.91 -0.76 0.00	36.11 -0.85 0.00	36.73 -0.52 0.00	41.62 -0.29 0.00	51.94 0.16 0.00	68.11 1.92 0.00	74.88 4.10 0.00	72.54 4.56 0.00	59.71 3.90 0.00	45.87 2.76 0.00	39.06 2.07 0.00
EAST_PULASKI___ESR 323781	33.65 -0.51 0.00	30.06 -0.61 0.00	26.72 -0.55 0.00	25.80 -0.47 0.00	26.66 -0.49 0.00	29.02 -0.47 0.00	36.65 -0.60 0.00	37.24 -0.80 0.00	32.10 -0.72 0.00	29.57 -0.73 0.00	29.90 -0.80 0.00	30.34 -0.71 0.00	30.84 -0.72 0.00	33.84 -0.83 0.00	36.04 -0.92 0.00	36.17 -1.08 0.00	41.23 -1.13 -0.45	53.88 -1.35 -3.44	69.74 -1.32 -4.87	73.20 -0.99 -3.42	69.75 -0.95 -2.72	57.27 -0.78 -2.24	42.76 -0.91 -0.56	36.50 -0.48 0.00
EAST_RIVER___1 323558	35.59 1.43 0.00	32.29 1.62 0.00	28.77 1.50 0.00	27.62 1.34 0.00	28.50 1.36 0.00	30.85 1.36 0.00	39.04 1.79 0.00	40.28 2.24 0.00	35.11 2.30 0.00	32.63 2.33 0.00	33.19 2.49 0.00	33.44 2.39 0.00	34.06 2.49 0.00	37.45 2.77 0.00	39.92 2.96 0.00	40.45 3.20 0.00	45.38 3.48 0.00	55.88 4.09 0.00	70.95 4.77 0.00	75.52 4.74 0.00	72.20 4.22 0.00	58.98 3.18 0.00	45.69 2.59 0.00	38.94 1.96 0.00
EAST_RIVER___2 323559	35.56 1.40 0.00	32.29 1.62 0.00	28.74 1.47 0.00	27.59 1.31 0.00	28.50 1.36 0.00	30.82 1.33 0.00	39.04 1.79 0.00	40.32 2.28 0.00	35.15 2.33 0.00	32.60 2.30 0.00	33.19 2.49 0.00	33.41 2.36 0.00	34.06 2.49 0.00	37.45 2.77 0.00	39.92 2.96 0.00	40.45 3.20 0.00	45.38 3.48 0.00	55.93 4.14 0.00	71.08 4.90 0.00	75.59 4.82 0.00	72.27 4.29 0.00	59.04 3.24 0.00	45.69 2.59 0.00	38.98 2.00 0.00
EAST___DELAWARE_HYD 23607	34.95 0.79 0.00	31.56 0.89 0.00	28.09 0.82 0.00	26.99 0.71 0.00	27.82 0.68 0.00	30.20 0.71 0.00	38.22 0.97 0.00	39.29 1.25 0.00	34.03 1.21 0.00	31.48 1.18 0.00	31.96 1.26 0.00	32.26 1.21 0.00	32.89 1.33 0.00	36.27 1.60 0.00	38.70 1.74 0.00	39.11 1.86 0.00	43.96 2.05 0.00	54.48 2.69 0.00	69.76 3.57 0.00	74.46 3.68 0.00	71.31 3.33 0.00	58.20 2.40 0.00	44.92 1.81 0.00	38.31 1.33 0.00
EIGHT_POINT___WT_PWR 323820	32.31 -1.95 -0.10	28.93 -1.84 -0.10	25.65 -1.72 -0.10	24.77 -1.60 -0.10	25.75 -1.49 -0.10	29.18 -1.30 -0.99	68.49 -1.34 -32.58	54.58 -1.71 -18.25	32.20 -1.61 -0.99	28.67 -1.73 -0.10	28.83 -1.87 0.00	29.44 -1.71 -0.10	29.96 -1.71 -0.10	40.43 -1.80 -7.56	39.74 -1.85 -4.62	41.96 -1.71 -6.42	54.86 -1.59 -14.55	77.41 -1.14 -26.76	119.02 -0.73 -53.56	112.27 -0.14 -41.63	94.63 0.00 -26.64	82.32 -0.11 -26.63	59.26 -0.77 -16.93	36.01 -1.07 -0.10
ELBRIDGE_115KV_TB2 80188	33.41 -0.75 0.00	29.90 -0.77 0.00	26.59 -0.68 0.00	25.62 -0.66 0.00	26.55 -0.60 0.00	28.84 -0.65 0.00	36.47 -0.78 0.00	37.20 -0.84 0.00	32.10 -0.72 0.00	29.63 -0.67 0.00	30.00 -0.71 0.00	30.43 -0.62 0.00	30.87 -0.69 0.00	33.91 -0.76 0.00	36.11 -0.85 0.00	36.28 -0.97 0.00	40.90 -1.01 0.00	53.03 -1.04 -2.27	68.41 -1.13 -3.35	71.63 -1.06 -1.91	68.21 -1.09 -1.31	55.96 -0.89 -1.05	42.53 -0.86 -0.29	36.39 -0.59 0.00
ELEC_TRO_TEK 24086	43.85 1.88 -7.81	32.72 1.93 -0.12	29.00 1.72 -0.02	27.91 1.63 0.00	28.77 1.63 0.00	31.24 1.74 -0.02	40.22 2.20 -0.77	47.82 2.59 -7.20	35.31 2.49 0.00	32.75 2.45 0.00	33.36 2.64 -0.02	33.61 2.55 -0.02	34.92 2.68 -0.67	43.92 2.88 -6.37	45.14 3.07 -5.11	55.35 3.20 -14.90	57.97 3.39 -12.66	68.09 4.09 -12.21	94.09 4.83 -23.07	80.67 4.95 -4.93	81.82 4.55 -9.28	70.63 3.46 -11.37	62.75 2.76 -16.89	48.21 2.26 -8.97
ELLENBURG_WT_PWR 323604	34.33 0.17 0.00	30.76 0.09 0.00	27.30 0.03 0.00	26.30 0.03 0.00	27.17 0.03 0.00	29.55 0.06 0.00	37.36 0.11 0.00	38.11 0.08 0.00	32.85 0.03 0.00	30.30 0.00 0.00	30.73 0.03 0.00	31.05 0.00 0.00	31.54 -0.03 0.00	34.71 0.03 0.00	36.92 -0.04 0.00	37.21 -0.04 0.00	41.91 0.00 0.00	51.74 -0.05 0.00	65.92 -0.26 0.00	70.57 -0.21 0.00	67.78 -0.20 0.00	55.63 -0.17 0.00	42.85 -0.26 0.00	36.65 -0.33 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.51 -3.62 0.03	27.27 -3.37 0.03	24.16 -3.08 0.03	23.31 -2.94 0.03	24.18 -2.93 0.03	26.16 -3.04 0.29	24.71 -3.39 9.15	29.71 -3.20 5.13	29.87 -2.66 0.29	27.69 -2.58 0.03	28.06 -2.64 0.00	28.48 -2.55 0.03	28.92 -2.62 0.03	29.73 -2.81 2.14	32.73 -2.92 1.31	32.60 -2.83 1.82	33.85 -3.02 5.04	40.81 -3.06 7.92	47.26 -3.71 15.22	53.53 -4.25 13.00	55.43 -4.28 8.27	42.91 -3.85 9.04	34.55 -3.49 5.06	33.78 -3.18 0.03
EMPIRE_CC_1 323656	35.22 1.06 0.00	31.71 1.04 0.00	28.25 0.98 0.00	27.17 0.89 0.00	28.07 0.92 0.00	30.46 0.97 0.00	38.29 1.04 0.00	39.07 1.03 0.00	33.54 0.72 0.00	30.94 0.64 0.00	31.25 0.55 0.00	31.55 0.50 0.00	32.14 0.57 0.00	35.26 0.59 0.00	37.74 0.78 0.00	38.22 0.97 0.00	42.96 1.05 0.00	52.93 1.14 0.00	67.77 1.59 0.00	72.19 1.41 0.00	69.68 1.70 0.00	57.25 1.45 0.00	44.66 1.55 0.00	38.09 1.11 0.00
EMPIRE_CC_2 323658	35.22 1.06 0.00	31.71 1.04 0.00	28.25 0.98 0.00	27.17 0.89 0.00	28.07 0.92 0.00	30.46 0.97 0.00	38.29 1.04 0.00	39.07 1.03 0.00	33.54 0.72 0.00	30.94 0.64 0.00	31.25 0.55 0.00	31.55 0.50 0.00	32.14 0.57 0.00	35.26 0.59 0.00	37.74 0.78 0.00	38.22 0.97 0.00	42.96 1.05 0.00	52.93 1.14 0.00	67.77 1.59 0.00	72.19 1.41 0.00	69.68 1.70 0.00	57.25 1.45 0.00	44.66 1.55 0.00	38.09 1.11 0.00
ENORWICH_115KV_TB1 80156	35.22 1.06 -0.01	31.53 0.86 -0.01	28.04 0.76 -0.01	27.02 0.74 -0.01	27.91 0.76 -0.01	30.61 1.06 -0.06	40.42 1.27 -1.91	39.98 0.87 -1.07	33.43 0.56 -0.05	30.64 0.33 -0.01	30.76 0.06 0.00	31.24 0.19 -0.01	31.83 0.25 -0.01	35.47 0.38 -0.41	37.62 0.41 -0.25	38.05 0.45 -0.35	43.27 0.71 -0.65	55.48 1.45 -2.24	73.58 3.04 -4.35	77.90 4.18 -2.95	73.95 4.15 -1.82	60.93 3.40 -1.72	46.27 2.11 -1.06	38.58 1.59 -0.01
ERIE_ST__34_KV_TB1-2 80199	30.82 -3.31 0.02	27.91 -2.73 0.02	24.54 -2.70 0.02	23.55 -2.71 0.02	24.24 -2.88 0.02	26.80 -2.45 0.25	26.83 -2.61 7.81	31.26 -3.20 4.38	30.69 -1.90 0.22	28.15 -2.12 0.02	28.21 -2.49 0.00	28.67 -2.36 0.02	29.52 -2.02 0.02	30.84 -2.01 1.82	33.77 -2.07 1.12	33.72 -1.97 1.55	35.49 -2.01 4.40	43.19 -1.76 6.84	51.13 -1.99 13.07	57.22 -2.48 11.09	60.03 -2.58 5.37	45.38 -2.51 7.91	36.25 -2.50 4.36	33.89 -3.07 0.02
ERIE_WT_PWR 323693	30.61 -3.52 0.03	27.33 -3.31 0.03	24.19 -3.05 0.03	23.36 -2.89 0.03	24.19 -2.93 0.03	26.30 -2.92 0.27	25.46 -3.35 8.44	30.11 -3.20 4.73	29.93 -2.63 0.26	27.73 -2.54 0.03	28.06 -2.64 0.00	28.51 -2.51 0.03	29.02 -2.53 0.03	29.90 -2.81 1.97	32.83 -2.92 1.21	32.74 -2.83 1.68	34.26 -2.93 4.71	41.38 -3.06 7.35	48.46 -3.64 14.08	54.53 -4.18 12.08	56.20 -4.28 7.51	43.56 -3.80 8.45	34.93 -3.49 4.69	33.78 -3.18 0.03
ESPRGFLD_115KV_TB1 80157	35.12 0.96 0.00	31.53 0.86 0.00	28.03 0.76 0.00	26.99 0.71 0.00	27.88 0.73 0.00	30.40 0.91 0.00	38.33 1.08 0.00	38.72 0.68 0.00	33.24 0.43 0.00	30.63 0.33 0.00	30.95 0.25 0.00	31.33 0.28 0.00	31.92 0.35 0.00	35.09 0.42 0.00	37.37 0.41 0.00	37.81 0.56 0.00	42.66 0.75 0.00	53.03 1.24 0.00	68.57 2.38 0.00	74.11 3.33 0.00	71.31 3.33 0.00	58.59 2.79 0.00	45.00 1.90 0.00	38.43 1.44 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.10 -0.07 -0.01	30.59 -0.09 -0.01	27.14 -0.14 -0.01	26.16 -0.13 -0.01	27.07 -0.08 -0.01	29.62 0.03 -0.10	40.58 0.11 -3.22	39.80 -0.04 -1.80	32.82 -0.10 -0.10	30.10 -0.21 -0.01	30.36 -0.34 0.00	30.81 -0.25 -0.01	31.33 -0.25 -0.01	35.17 -0.24 -0.74	37.19 -0.22 -0.45	37.66 -0.22 -0.63	43.12 -0.08 -1.30	55.83 0.31 -3.73	73.97 0.79 -6.99	76.89 1.20 -4.90	72.23 1.16 -3.09	59.71 0.95 -2.96	45.32 0.43 -1.78	37.29 0.30 -0.01
ETNA____115KV_TB2 80207	34.10 -0.07 -0.01	30.59 -0.09 -0.01	27.14 -0.14 -0.01	26.16 -0.13 -0.01	27.07 -0.08 -0.01	29.62 0.03 -0.10	40.58 0.11 -3.22	39.80 -0.04 -1.80	32.82 -0.10 -0.10	30.10 -0.21 -0.01	30.36 -0.34 0.00	30.81 -0.25 -0.01	31.33 -0.25 -0.01	35.17 -0.24 -0.74	37.19 -0.22 -0.45	37.66 -0.22 -0.63	43.12 -0.08 -1.30	55.83 0.31 -3.73	73.97 0.79 -6.99	76.89 1.20 -4.90	72.23 1.16 -3.09	59.71 0.95 -2.96	45.32 0.43 -1.78	37.29 0.30 -0.01
EUCLID__115KV_TB2 356179	33.27 -0.89 0.00	29.78 -0.89 0.00	26.48 -0.79 0.00	25.54 -0.74 0.00	26.44 -0.71 0.00	28.69 -0.80 0.00	36.28 -0.97 0.00	37.05 -0.99 0.00	32.00 -0.82 0.00	29.54 -0.76 0.00	29.93 -0.77 0.00	30.37 -0.68 0.00	30.81 -0.76 0.00	33.81 -0.87 0.00	36.04 -0.92 0.00	36.17 -1.08 0.00	40.28 -1.17 0.45	51.26 -1.24 -0.72	65.97 -1.46 -1.25	69.37 -1.49 -0.08	66.16 -1.50 0.33	54.24 -1.23 0.33	41.95 -1.12 0.03	36.21 -0.78 0.00
E_CANADA_CAP_HY 24051	35.46 1.30 0.00	31.93 1.26 0.00	28.39 1.12 0.00	27.33 1.05 0.00	28.26 1.11 0.00	30.76 1.27 0.00	38.52 1.27 0.00	38.68 0.65 0.00	32.98 0.16 0.00	30.30 0.00 0.00	30.64 -0.06 0.00	30.96 -0.09 0.00	31.51 -0.06 0.00	34.60 -0.07 0.00	36.78 -0.18 0.00	37.36 0.11 0.00	42.33 0.42 0.00	52.72 0.93 0.00	68.50 2.32 0.00	74.39 3.61 0.00	71.79 3.80 0.00	59.15 3.35 0.00	45.47 2.37 0.00	38.76 1.78 0.00
E_CANADA_MHWK_HY 24050	34.74 0.58 0.00	31.19 0.52 0.00	27.73 0.46 0.00	26.70 0.42 0.00	27.52 0.38 0.00	29.99 0.50 0.00	37.84 0.59 0.00	38.53 0.49 0.00	33.24 0.43 0.00	30.72 0.42 0.00	31.07 0.37 0.00	31.43 0.37 0.00	31.92 0.35 0.00	34.85 0.17 0.00	37.11 0.15 0.00	37.33 0.07 0.00	41.95 0.04 0.00	51.84 0.05 0.00	66.45 0.27 0.00	71.21 0.43 0.00	68.52 0.54 0.00	56.64 0.84 0.00	43.84 0.73 0.00	37.65 0.67 0.00
E_FISHKILL__LBMP 23776	35.42 1.26 0.00	31.99 1.32 0.00	28.47 1.20 0.00	27.41 1.13 0.00	28.23 1.09 0.00	30.64 1.15 0.00	38.66 1.42 0.00	39.79 1.75 0.00	34.56 1.74 0.00	32.06 1.76 0.00	32.57 1.87 0.00	32.82 1.77 0.00	33.46 1.89 0.00	36.75 2.08 0.00	39.25 2.29 0.00	39.75 2.50 0.00	44.63 2.72 0.00	54.95 3.16 0.00	69.96 3.77 0.00	74.53 3.75 0.00	71.45 3.47 0.00	58.37 2.57 0.00	45.17 2.07 0.00	38.58 1.59 0.00
FALCON__SEABRD_CC1 323796	34.64 0.48 0.00	31.07 0.40 0.00	27.51 0.24 0.00	26.54 0.26 0.00	27.41 0.27 0.00	29.84 0.36 0.00	37.73 0.48 0.00	38.46 0.42 0.00	33.15 0.33 0.00	30.57 0.27 0.00	31.01 0.31 0.00	31.36 0.31 0.00	31.85 0.28 0.00	35.06 0.38 0.00	37.29 0.33 0.00	37.62 0.37 0.00	42.37 0.46 0.00	52.25 0.47 0.00	66.65 0.47 0.00	71.34 0.56 0.00	68.52 0.54 0.00	56.25 0.44 0.00	43.32 0.22 0.00	36.99 0.00 0.00
FALCON__SEABRD_CC2 323797	34.64 0.48 0.00	31.07 0.40 0.00	27.51 0.24 0.00	26.54 0.26 0.00	27.41 0.27 0.00	29.84 0.36 0.00	37.73 0.48 0.00	38.46 0.42 0.00	33.15 0.33 0.00	30.57 0.27 0.00	31.01 0.31 0.00	31.36 0.31 0.00	31.85 0.28 0.00	35.06 0.38 0.00	37.29 0.33 0.00	37.62 0.37 0.00	42.37 0.46 0.00	52.25 0.47 0.00	66.65 0.47 0.00	71.34 0.56 0.00	68.52 0.54 0.00	56.25 0.44 0.00	43.32 0.22 0.00	36.99 0.00 0.00

FAR ROCKAWAY___4 23548	44.48 2.25 -8.07	33.03 2.24 -0.13	29.30 2.02 -0.02	28.17 1.89 0.00	29.04 1.90 0.00	31.57 2.06 -0.02	40.61 2.57 -0.79	48.38 2.97 -7.37	35.64 2.82 0.00	33.06 2.76 0.00	33.66 2.95 -0.02	33.95 2.89 -0.02	35.26 3.00 -0.69	44.51 3.26 -6.58	45.71 3.47 -5.28	56.30 3.65 -15.40	58.98 3.98 -13.09	69.28 4.87 -12.62	95.92 5.89 -23.85	81.90 6.02 -5.10	83.15 5.57 -9.59	71.85 4.30 -11.75	63.88 3.32 -17.46	48.96 2.70 -9.27
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.73 1.57 0.00	32.32 1.66 0.00	28.77 1.50 0.00	27.70 1.42 0.00	28.53 1.38 0.00	30.91 1.42 0.00	39.04 1.79 0.00	40.28 2.24 0.00	35.12 2.30 0.00	32.63 2.33 0.00	33.22 2.52 0.00	33.47 2.42 0.00	34.13 2.56 0.00	37.45 2.77 0.00	39.92 2.96 0.00	40.45 3.20 0.00	45.43 3.52 0.00	55.88 4.09 0.00	70.95 4.77 0.00	75.52 4.74 0.00	72.20 4.21 0.00	58.98 3.18 0.00	45.65 2.54 0.00	38.98 2.00 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.73 1.57 0.00	32.32 1.66 0.00	28.77 1.50 0.00	27.70 1.42 0.00	28.53 1.38 0.00	30.93 1.44 0.00	39.04 1.79 0.00	40.28 2.24 0.00	35.12 2.30 0.00	32.63 2.33 0.00	33.22 2.52 0.00	33.47 2.42 0.00	34.13 2.56 0.00	37.45 2.77 0.00	39.95 2.99 0.00	40.49 3.24 0.00	45.43 3.52 0.00	55.88 4.09 0.00	71.02 4.83 0.00	75.52 4.74 0.00	72.27 4.28 0.00	58.98 3.18 0.00	45.65 2.54 0.00	38.98 2.00 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.73 1.57 0.00	32.29 1.63 0.00	28.77 1.50 0.00	27.67 1.39 0.00	28.50 1.36 0.00	30.91 1.42 0.00	39.04 1.79 0.00	40.28 2.24 0.00	35.08 2.26 0.00	32.63 2.33 0.00	33.22 2.52 0.00	33.44 2.39 0.00	34.13 2.56 0.00	37.45 2.77 0.00	39.92 2.96 0.00	40.45 3.20 0.00	45.43 3.52 0.00	55.88 4.09 0.00	70.95 4.77 0.00	75.45 4.67 0.00	72.20 4.21 0.00	58.93 3.12 0.00	45.65 2.54 0.00	38.95 1.96 0.00
FARRAGUT___LBMP 323566	35.70 1.54 0.00	32.29 1.63 0.00	28.74 1.47 0.00	27.67 1.39 0.00	28.50 1.36 0.00	30.88 1.39 0.00	39.00 1.75 0.00	40.24 2.21 0.00	35.08 2.26 0.00	32.60 2.30 0.00	33.19 2.49 0.00	33.41 2.36 0.00	34.09 2.53 0.00	37.41 2.74 0.00	39.88 2.92 0.00	40.42 3.17 0.00	45.39 3.48 0.00	55.83 4.04 0.00	70.88 4.70 0.00	75.45 4.67 0.00	72.13 4.15 0.00	58.87 3.07 0.00	45.61 2.50 0.00	38.95 1.96 0.00
FARRCKWY_69_KV_BK2 55825	44.48 2.25 -8.07	33.03 2.24 -0.13	29.30 2.02 -0.02	28.17 1.89 0.00	29.04 1.90 0.00	31.57 2.06 -0.02	40.61 2.57 -0.79	48.38 2.97 -7.37	35.64 2.82 0.00	33.06 2.76 0.00	33.66 2.95 -0.02	33.95 2.89 -0.02	35.26 3.00 -0.69	44.51 3.26 -6.58	45.71 3.47 -5.28	56.30 3.65 -15.40	58.98 3.98 -13.09	69.28 4.87 -12.62	95.92 5.89 -23.85	81.90 6.02 -5.10	83.15 5.57 -9.59	71.85 4.30 -11.75	63.88 3.32 -17.46	48.96 2.70 -9.27
FENNER___WINDPWR 24204	34.37 0.21 0.00	30.79 0.12 0.00	27.38 0.11 0.00	26.38 0.11 0.00	27.25 0.11 0.00	29.70 0.21 0.00	37.51 0.26 0.00	38.08 0.04 0.00	32.82 0.00 0.00	30.24 -0.06 0.00	30.55 -0.15 0.00	30.99 -0.06 0.00	31.54 -0.03 0.00	34.67 0.00 0.00	36.96 0.00 0.00	37.21 -0.04 0.00	41.76 0.04 0.19	52.93 0.31 -0.82	68.27 0.80 -1.29	72.46 1.20 -0.48	69.24 1.08 -0.17	56.86 0.95 -0.11	43.64 0.48 -0.06	37.36 0.37 0.00
FIBERTEK___ENERGY 23856	33.61 -0.55 0.00	30.09 -0.58 0.00	26.75 -0.52 0.00	25.78 -0.50 0.00	26.68 -0.46 0.00	29.02 -0.47 0.00	36.69 -0.56 0.00	37.39 -0.65 0.00	32.29 -0.53 0.00	29.78 -0.52 0.00	30.15 -0.55 0.00	30.59 -0.47 0.00	31.06 -0.51 0.00	34.12 -0.55 0.00	36.33 -0.63 0.00	36.51 -0.75 0.00	41.15 -0.75 0.00	53.20 -0.73 -2.13	68.60 -0.73 -3.14	71.94 -0.64 -1.79	68.53 -0.68 -1.23	56.23 -0.56 -0.98	42.77 -0.60 -0.27	36.62 -0.37 0.00
FITZPATRICK____ 23598	33.00 -1.16 0.00	29.50 -1.17 0.00	26.26 -1.01 0.00	25.33 -0.94 0.00	26.19 -0.95 0.00	28.43 -1.06 0.00	35.94 -1.30 0.00	36.71 -1.33 0.00	31.67 -1.15 0.00	29.24 -1.06 0.00	29.63 -1.08 0.00	30.03 -1.02 0.00	30.50 -1.07 0.00	33.46 -1.21 0.00	35.63 -1.33 0.00	35.72 -1.53 0.00	40.19 -1.72 0.00	38.20 -2.02 11.57	46.70 -2.45 17.04	58.50 -2.55 9.73	58.80 -2.51 6.67	48.40 -2.06 5.34	39.90 -1.73 1.48	35.77 -1.22 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.56 1.40 0.00	32.11 1.44 0.00	28.55 1.28 0.00	27.49 1.21 0.00	28.31 1.17 0.00	30.73 1.24 0.00	38.85 1.60 0.00	39.86 1.83 0.00	34.56 1.74 0.00	31.96 1.67 0.00	32.48 1.78 0.00	32.73 1.68 0.00	33.40 1.83 0.00	36.82 2.15 0.00	39.29 2.33 0.00	39.86 2.61 0.00	44.80 2.89 0.00	55.41 3.63 0.00	70.82 4.63 0.00	75.45 4.67 0.00	72.27 4.28 0.00	58.93 3.12 0.00	45.56 2.46 0.00	38.87 1.89 0.00
FORT ORANGE____ 23900	34.74 0.58 0.00	31.31 0.65 0.00	27.92 0.65 0.00	26.85 0.58 0.00	27.71 0.57 0.00	30.05 0.56 0.00	37.62 0.37 0.00	38.34 0.30 0.00	32.92 0.10 0.00	30.33 0.03 0.00	30.70 0.00 0.00	30.99 -0.06 0.00	31.54 -0.03 0.00	34.67 0.00 0.00	37.07 0.11 0.00	37.59 0.33 0.00	42.28 0.38 0.00	52.10 0.31 0.00	66.85 0.66 0.00	71.41 0.64 0.00	68.80 0.82 0.00	56.86 1.06 0.00	44.27 1.16 0.00	37.76 0.78 0.00
FORT_DRUM_COGEN 23780	34.64 0.48 0.00	30.88 0.21 0.00	27.51 0.25 0.00	26.54 0.26 0.00	27.36 0.22 0.00	29.93 0.44 0.00	37.70 0.45 0.00	37.85 -0.19 0.00	32.49 -0.33 0.00	29.87 -0.42 0.00	30.03 -0.68 0.00	30.52 -0.53 0.00	31.06 -0.51 0.00	34.08 -0.59 0.00	36.26 -0.70 0.00	36.47 -0.78 0.00	41.11 -0.80 0.00	52.67 -0.67 -1.56	68.87 0.40 -2.29	73.65 1.56 -1.31	70.65 1.77 -0.90	58.03 1.51 -0.72	43.78 0.47 -0.20	37.36 0.37 0.00
FOX_HILLS___ESR 323835	35.94 1.78 -0.01	32.64 1.96 -0.01	29.07 1.80 0.00	27.88 1.60 0.00	28.77 1.63 0.00	30.99 1.50 0.00	39.18 1.94 0.00	40.44 2.40 0.00	35.29 2.46 -0.01	32.67 2.36 -0.01	33.23 2.52 -0.01	33.48 2.42 -0.01	34.13 2.56 -0.01	37.56 2.88 -0.01	40.11 3.14 -0.01	40.68 3.42 -0.01	45.60 3.69 -0.01	56.25 4.45 -0.01	71.36 5.17 -0.01	75.95 5.16 -0.01	72.68 4.69 -0.01	59.33 3.52 -0.01	46.05 2.93 -0.01	39.36 2.37 -0.01
FPL_FAR_ROCK_GT1 24212	44.35 2.12 -8.07	33.03 2.24 -0.13	29.33 2.05 -0.02	28.12 1.84 0.00	29.04 1.90 0.00	31.51 2.01 -0.02	40.61 2.57 -0.79	48.38 2.97 -7.37	35.64 2.82 0.00	33.06 2.76 0.00	33.66 2.95 -0.02	33.96 2.89 -0.02	35.23 2.97 -0.69	44.51 3.26 -6.58	45.71 3.47 -5.28	56.30 3.65 -15.40	58.94 3.94 -13.09	69.27 4.87 -12.62	95.92 5.89 -23.85	81.89 6.01 -5.10	83.15 5.58 -9.59	71.85 4.30 -11.75	63.93 3.36 -17.46	48.96 2.70 -9.27
FPL_FAR_ROCK_GT2 23815	44.35 2.12 -8.07	33.03 2.24 -0.13	29.33 2.05 -0.02	28.12 1.84 0.00	29.04 1.90 0.00	31.51 2.01 -0.02	40.61 2.57 -0.79	48.38 2.97 -7.37	35.64 2.82 0.00	33.06 2.76 0.00	33.66 2.95 -0.02	33.96 2.89 -0.02	35.23 2.97 -0.69	44.51 3.26 -6.58	45.71 3.47 -5.28	56.30 3.65 -15.40	58.94 3.94 -13.09	69.27 4.87 -12.62	95.92 5.89 -23.85	81.89 6.01 -5.10	83.15 5.58 -9.59	71.85 4.30 -11.75	63.93 3.36 -17.46	48.96 2.70 -9.27

FRANKLIN_FALL_HYD 24054	34.53 0.38 0.00	30.94 0.28 0.00	27.38 0.11 0.00	26.41 0.13 0.00	27.28 0.14 0.00	29.73 0.24 0.00	37.62 0.37 0.00	38.27 0.23 0.00	32.95 0.13 0.00	30.36 0.06 0.00	30.76 0.06 0.00	31.18 0.12 0.00	31.60 0.03 0.00	34.81 0.14 0.00	37.00 0.04 0.00	37.29 0.04 0.00	41.99 0.08 0.00	51.74 -0.05 0.00	66.12 -0.07 0.00	70.92 0.14 0.00	68.19 0.20 0.00	55.97 0.17 0.00	43.02 -0.09 0.00	36.76 -0.22 0.00
FREEPORT_EQUS_GT1 23764	42.19 2.08 -5.94	32.97 2.21 -0.09	29.27 1.99 -0.01	28.06 1.79 0.00	28.99 1.85 0.00	31.45 1.95 -0.01	40.35 2.50 -0.60	46.59 2.93 -5.62	35.58 2.76 0.00	32.99 2.70 0.00	33.60 2.89 -0.01	33.89 2.83 -0.01	34.98 2.90 -0.51	42.71 3.19 -4.85	44.25 3.40 -3.89	52.17 3.58 -11.34	55.32 3.77 -9.64	65.69 4.61 -9.29	89.23 5.49 -17.56	80.20 5.66 -3.76	80.28 5.24 -7.06	68.47 4.02 -8.65	59.20 3.23 -12.86	46.40 2.59 -6.83
FREEPORT___CT2 23818	42.19 2.08 -5.94	32.97 2.21 -0.09	29.27 1.99 -0.01	28.06 1.79 0.00	28.99 1.85 0.00	31.45 1.95 -0.01	40.35 2.50 -0.60	46.59 2.93 -5.62	35.58 2.76 0.00	32.99 2.70 0.00	33.60 2.89 -0.01	33.89 2.83 -0.01	34.98 2.90 -0.51	42.71 3.19 -4.85	44.25 3.40 -3.89	52.17 3.58 -11.34	55.32 3.77 -9.64	65.69 4.61 -9.29	89.23 5.49 -17.56	80.20 5.66 -3.76	80.28 5.24 -7.06	68.47 4.02 -8.65	59.20 3.23 -12.86	46.40 2.59 -6.83
FRESHKLS_33_KV_LOAD 356253	36.11 1.95 -0.01	32.82 2.15 -0.01	29.20 1.94 0.00	28.04 1.76 0.00	28.91 1.76 0.00	31.14 1.65 0.00	39.37 2.12 0.00	40.63 2.59 0.00	35.45 2.63 -0.01	32.76 2.45 -0.01	33.26 2.55 -0.01	33.54 2.49 -0.01	34.17 2.59 -0.01	37.63 2.95 -0.01	40.22 3.25 -0.01	40.76 3.50 -0.01	45.73 3.81 -0.01	56.46 4.66 -0.01	71.75 5.56 -0.01	76.45 5.66 -0.01	73.16 5.16 -0.01	59.71 3.90 -0.01	46.30 3.19 -0.01	39.54 2.55 -0.01
FULTON COGEN____ 23766	33.10 -1.06 0.00	29.63 -1.04 0.00	26.34 -0.93 0.00	25.41 -0.87 0.00	26.30 -0.84 0.00	28.58 -0.91 0.00	36.13 -1.12 0.00	36.82 -1.22 0.00	31.80 -1.02 0.00	29.33 -0.97 0.00	29.72 -0.98 0.00	30.12 -0.93 0.00	30.59 -0.98 0.00	33.56 -1.11 0.00	35.78 -1.18 0.00	35.87 -1.38 0.00	40.96 -1.55 -0.61	54.20 -1.71 -4.12	69.95 -2.05 -5.82	72.90 -2.05 -4.17	69.32 -2.04 -3.37	56.97 -1.62 -2.79	42.42 -1.38 -0.69	36.02 -0.96 0.00
FULTON___LFGE 323630	35.56 1.40 0.00	32.02 1.35 0.00	28.50 1.23 0.00	27.41 1.13 0.00	28.37 1.22 0.00	30.85 1.36 0.00	38.63 1.38 0.00	38.76 0.72 0.00	32.98 0.16 0.00	30.24 -0.06 0.00	30.58 -0.12 0.00	30.87 -0.19 0.00	31.38 -0.19 0.00	34.50 -0.17 0.00	36.78 -0.18 0.00	37.40 0.15 0.00	42.41 0.50 0.00	52.82 1.04 0.00	68.70 2.51 0.00	74.60 3.82 0.00	71.99 4.01 0.00	59.21 3.40 0.00	45.56 2.46 0.00	38.83 1.85 0.00
G.F.CEMENT___DRP 24184	35.83 1.67 0.00	32.29 1.63 0.00	28.85 1.58 0.00	27.77 1.50 0.00	28.69 1.55 0.00	31.17 1.68 0.00	39.19 1.94 0.00	39.75 1.71 0.00	33.97 1.15 0.00	31.21 0.91 0.00	31.56 0.86 0.00	31.86 0.81 0.00	32.42 0.85 0.00	35.58 0.90 0.00	38.03 1.07 0.00	38.74 1.49 0.00	43.92 2.01 0.00	54.07 2.28 0.00	69.82 3.64 0.00	74.88 4.11 0.00	72.06 4.08 0.00	59.54 3.74 0.00	45.95 2.84 0.00	39.28 2.29 0.00
GARDENVILLE___LBMP 24039	30.47 -3.66 0.03	27.24 -3.40 0.03	24.13 -3.11 0.03	23.25 -3.00 0.03	24.13 -2.99 0.03	26.13 -3.07 0.29	24.47 -3.46 9.31	29.54 -3.27 5.22	29.80 -2.72 0.29	27.63 -2.64 0.03	28.00 -2.70 0.00	28.41 -2.61 0.03	28.86 -2.68 0.03	29.62 -2.88 2.17	32.63 -2.99 1.33	32.50 -2.91 1.85	33.69 -3.10 5.11	40.52 -3.21 8.05	46.86 -3.84 15.49	53.18 -4.39 13.21	55.16 -4.42 8.41	42.67 -3.96 9.17	34.38 -3.58 5.15	33.70 -3.25 0.03
GARDNVLA_35_KV_LD 355827	30.58 -3.55 0.03	27.33 -3.31 0.03	24.22 -3.03 0.03	23.33 -2.92 0.03	24.21 -2.90 0.03	26.25 -2.98 0.26	25.78 -3.35 8.12	30.29 -3.20 4.55	29.98 -2.59 0.25	27.76 -2.51 0.03	28.09 -2.61 0.00	28.54 -2.48 0.03	29.02 -2.53 0.03	30.00 -2.77 1.90	32.91 -2.88 1.16	32.84 -2.79 1.61	34.41 -2.93 4.56	41.70 -3.00 7.09	49.05 -3.57 13.56	55.02 -4.11 11.65	56.66 -4.15 7.17	43.89 -3.74 8.18	35.14 -3.45 4.52	33.85 -3.11 0.03
GELCKHM___115KV_LOAD 80723	33.37 -0.79 0.00	29.90 -0.77 0.00	26.59 -0.68 0.00	25.62 -0.66 0.00	26.52 -0.62 0.00	28.81 -0.68 0.00	36.43 -0.82 0.00	37.16 -0.87 0.00	32.10 -0.72 0.00	29.63 -0.67 0.00	30.03 -0.68 0.00	30.43 -0.62 0.00	30.91 -0.66 0.00	33.91 -0.76 0.00	36.15 -0.81 0.00	36.28 -0.97 0.00	40.60 -1.01 0.30	51.97 -1.04 -1.22	66.91 -1.19 -1.92	70.26 -1.20 -0.68	66.98 -1.22 -0.22	54.93 -1.00 -0.13	42.23 -0.95 -0.08	36.36 -0.63 0.00
GENERAL___MILLS 23808	30.55 -3.59 0.03	27.30 -3.34 0.03	24.19 -3.05 0.03	23.31 -2.94 0.03	24.19 -2.93 0.03	26.22 -3.01 0.27	25.42 -3.39 8.44	30.11 -3.20 4.73	29.93 -2.63 0.26	27.73 -2.55 0.03	28.06 -2.64 0.00	28.48 -2.55 0.03	28.95 -2.59 0.03	29.89 -2.81 1.97	32.83 -2.92 1.21	32.74 -2.83 1.68	34.22 -2.98 4.71	41.38 -3.06 7.35	48.46 -3.64 14.08	54.53 -4.18 12.08	56.19 -4.28 7.51	43.56 -3.79 8.45	34.97 -3.45 4.69	33.78 -3.18 0.03
GE_PLASTICS___DRP 24183	34.84 0.68 0.00	31.34 0.67 0.00	27.92 0.65 0.00	26.88 0.60 0.00	27.74 0.60 0.00	30.11 0.62 0.00	37.81 0.56 0.00	38.61 0.57 0.00	33.21 0.39 0.00	30.66 0.36 0.00	31.04 0.34 0.00	31.36 0.31 0.00	31.92 0.35 0.00	35.06 0.38 0.00	37.44 0.48 0.00	37.88 0.63 0.00	42.62 0.71 0.00	52.51 0.73 0.00	67.11 0.93 0.00	71.70 0.92 0.00	69.00 1.02 0.00	56.64 0.84 0.00	44.01 0.91 0.00	37.65 0.67 0.00
GILBOA___1 23756	34.74 0.58 0.00	31.31 0.65 0.00	27.87 0.60 0.00	26.80 0.53 0.00	27.69 0.54 0.00	30.05 0.56 0.00	37.92 0.67 0.00	38.80 0.76 0.00	33.51 0.69 0.00	30.96 0.67 0.00	31.38 0.67 0.00	31.67 0.62 0.00	32.26 0.69 0.00	35.44 0.76 0.00	37.81 0.85 0.00	38.26 1.01 0.00	42.96 1.05 0.00	53.03 1.24 0.00	67.44 1.25 0.00	72.05 1.28 0.00	69.21 1.22 0.00	56.86 1.06 0.00	44.10 0.99 0.00	37.72 0.74 0.00
GILBOA___2 23757	34.74 0.58 0.00	31.31 0.65 0.00	27.87 0.60 0.00	26.80 0.53 0.00	27.69 0.54 0.00	30.05 0.56 0.00	37.92 0.67 0.00	38.80 0.76 0.00	33.51 0.69 0.00	30.96 0.67 0.00	31.38 0.67 0.00	31.67 0.62 0.00	32.26 0.69 0.00	35.44 0.76 0.00	37.81 0.85 0.00	38.26 1.01 0.00	42.96 1.05 0.00	53.03 1.24 0.00	67.44 1.25 0.00	72.05 1.28 0.00	69.21 1.22 0.00	56.86 1.06 0.00	44.10 0.99 0.00	37.72 0.74 0.00
GILBOA___3 23758	34.74 0.58 0.00	31.31 0.65 0.00	27.87 0.60 0.00	26.80 0.53 0.00	27.69 0.54 0.00	30.05 0.56 0.00	37.92 0.67 0.00	38.80 0.76 0.00	33.51 0.69 0.00	30.96 0.67 0.00	31.38 0.67 0.00	31.67 0.62 0.00	32.26 0.69 0.00	35.44 0.76 0.00	37.81 0.85 0.00	38.26 1.01 0.00	42.96 1.05 0.00	53.03 1.24 0.00	67.44 1.25 0.00	72.05 1.28 0.00	69.21 1.22 0.00	56.86 1.06 0.00	44.10 0.99 0.00	37.72 0.74 0.00

GILBOA___4 23759	34.74 0.58 0.00	31.31 0.65 0.00	27.87 0.60 0.00	26.80 0.53 0.00	27.69 0.54 0.00	30.05 0.56 0.00	37.92 0.67 0.00	38.80 0.76 0.00	33.51 0.69 0.00	30.96 0.67 0.00	31.38 0.67 0.00	31.67 0.62 0.00	32.26 0.69 0.00	35.44 0.76 0.00	37.81 0.85 0.00	38.26 1.01 0.00	42.96 1.05 0.00	53.03 1.24 0.00	67.44 1.25 0.00	72.05 1.28 0.00	69.21 1.22 0.00	56.86 1.06 0.00	44.10 0.99 0.00	37.72 0.74 0.00
GILBOA____ 23599	34.77 0.61 0.00	31.31 0.64 0.00	27.84 0.57 0.00	26.83 0.55 0.00	27.69 0.54 0.00	30.08 0.59 0.00	37.92 0.67 0.00	38.80 0.76 0.00	33.51 0.69 0.00	30.97 0.67 0.00	31.38 0.68 0.00	31.67 0.62 0.00	32.26 0.69 0.00	35.44 0.76 0.00	37.81 0.85 0.00	38.26 1.01 0.00	42.96 1.05 0.00	53.03 1.24 0.00	67.44 1.26 0.00	72.05 1.27 0.00	69.21 1.22 0.00	56.86 1.06 0.00	44.10 0.99 0.00	37.73 0.74 0.00
GINNA____ 23603	30.91 -3.25 0.00	27.14 -3.53 0.00	24.18 -3.08 0.00	23.59 -2.68 0.00	24.40 -2.74 0.00	26.29 -3.15 0.05	31.79 -3.95 1.50	33.28 -3.92 0.84	29.59 -3.18 0.05	27.44 -2.85 0.00	27.91 -2.79 0.00	28.35 -2.70 0.00	28.66 -2.90 0.00	30.86 -3.47 0.35	33.09 -3.66 0.21	33.26 -3.69 0.30	36.31 -3.98 1.62	45.45 -4.56 1.78	58.01 -5.30 2.88	61.58 -5.73 3.47	59.09 -5.78 3.11	48.09 -4.86 2.86	37.73 -4.27 1.11	33.84 -3.14 0.00
GLEN PARK____ 23778	34.74 0.58 0.00	30.94 0.28 0.00	27.57 0.30 0.00	26.59 0.32 0.00	27.39 0.24 0.00	29.99 0.50 0.00	37.77 0.52 0.00	37.89 -0.15 0.00	32.49 -0.33 0.00	29.87 -0.42 0.00	30.03 -0.68 0.00	30.55 -0.50 0.00	31.10 -0.47 0.00	34.12 -0.56 0.00	36.26 -0.70 0.00	36.51 -0.74 0.00	41.20 -0.71 0.00	52.80 -0.62 -1.63	69.11 0.53 -2.40	74.06 1.91 -1.37	71.03 2.11 -0.94	58.34 1.79 -0.75	43.92 0.60 -0.21	37.50 0.52 0.00
GLENDALE_27_KV_LOAD 356172	35.90 1.74 0.00	32.48 1.81 0.00	28.93 1.66 0.00	27.85 1.58 0.00	28.69 1.55 0.00	31.05 1.56 0.00	39.19 1.94 0.00	40.43 2.40 0.00	35.32 2.49 -0.01	32.85 2.55 -0.01	33.44 2.73 -0.01	33.67 2.61 -0.01	34.36 2.78 -0.01	37.70 3.02 -0.01	40.22 3.25 -0.01	40.72 3.46 -0.01	45.77 3.86 -0.01	56.19 4.40 0.00	71.21 5.03 0.00	75.80 5.03 0.00	72.47 4.49 0.00	59.15 3.35 0.00	45.86 2.76 0.00	39.24 2.26 0.00
GLENWOOD_IC_1_G5 23712	43.24 1.88 -7.20	32.68 1.90 -0.11	29.00 1.72 -0.01	27.88 1.60 0.00	28.74 1.60 0.00	31.21 1.71 -0.01	40.13 2.16 -0.72	47.32 2.59 -6.70	35.31 2.49 0.00	32.75 2.45 0.00	33.36 2.64 -0.01	33.61 2.55 -0.01	34.87 2.68 -0.62	43.46 2.91 -5.87	44.81 3.14 -4.71	54.34 3.35 -13.74	57.19 3.60 -11.68	67.03 3.99 -11.26	92.16 4.70 -21.28	80.07 4.74 -4.55	80.89 4.35 -8.56	69.52 3.24 -10.48	61.53 2.84 -15.58	47.55 2.29 -8.27
GLENWOOD_IC_2_G1 23688	36.06 1.57 -0.33	32.39 1.72 -0.01	28.82 1.55 0.00	27.67 1.39 0.00	28.58 1.44 0.00	30.96 1.47 0.00	39.22 1.94 -0.03	40.66 2.32 -0.30	35.08 2.26 0.00	32.57 2.27 0.00	33.13 2.42 0.00	33.41 2.36 0.00	34.03 2.43 -0.03	37.65 2.71 -0.27	40.06 2.88 -0.22	40.97 3.09 -0.63	45.76 3.31 -0.54	56.24 3.93 -0.52	71.86 4.70 -0.98	75.73 4.74 -0.21	72.66 4.29 -0.39	59.52 3.24 -0.48	46.45 2.63 -0.72	39.44 2.07 -0.38
GLENWOOD_IC_3_G1 23689	36.06 1.57 -0.33	32.39 1.72 -0.01	28.82 1.55 0.00	27.67 1.39 0.00	28.58 1.44 0.00	30.96 1.47 0.00	39.22 1.94 -0.03	40.66 2.32 -0.30	35.08 2.26 0.00	32.57 2.27 0.00	33.13 2.42 0.00	33.41 2.36 0.00	34.03 2.43 -0.03	37.65 2.71 -0.27	40.06 2.88 -0.22	40.97 3.09 -0.63	45.76 3.31 -0.54	56.24 3.93 -0.52	71.86 4.70 -0.98	75.73 4.74 -0.21	72.66 4.29 -0.39	59.52 3.24 -0.48	46.45 2.63 -0.72	39.44 2.07 -0.38
GLENWOOD___4 23550	43.24 1.88 -7.20	32.68 1.90 -0.11	29.00 1.72 -0.01	27.88 1.60 0.00	28.74 1.60 0.00	31.21 1.71 -0.01	40.13 2.16 -0.72	47.32 2.59 -6.70	35.31 2.49 0.00	32.75 2.45 0.00	33.36 2.64 -0.01	33.61 2.55 -0.01	34.87 2.68 -0.62	43.46 2.91 -5.87	44.81 3.14 -4.71	54.34 3.35 -13.74	57.19 3.60 -11.68	67.14 4.09 -11.26	92.36 4.90 -21.28	80.28 4.95 -4.55	81.03 4.49 -8.56	69.69 3.40 -10.48	61.53 2.84 -15.58	47.55 2.29 -8.27
GLENWOOD___5 23614	43.24 1.88 -7.20	32.68 1.90 -0.11	29.00 1.72 -0.01	27.88 1.60 0.00	28.74 1.60 0.00	31.21 1.71 -0.01	40.13 2.16 -0.72	47.32 2.59 -6.70	35.31 2.49 0.00	32.75 2.45 0.00	33.36 2.64 -0.01	33.61 2.55 -0.01	34.87 2.68 -0.62	43.46 2.91 -5.87	44.81 3.14 -4.71	54.34 3.35 -13.74	57.19 3.60 -11.68	67.14 4.09 -11.26	92.36 4.90 -21.28	80.28 4.95 -4.55	81.03 4.49 -8.56	69.69 3.40 -10.48	61.53 2.84 -15.58	47.55 2.29 -8.27
GLOBAL GREEN_PORT_GT1 23814	41.69 3.04 -4.49	33.90 3.16 -0.07	30.11 2.84 -0.01	28.80 2.52 0.00	29.83 2.69 0.00	32.51 3.01 -0.01	41.67 3.95 -0.48	46.91 4.37 -4.50	36.89 4.07 0.00	34.21 3.91 0.00	34.95 4.24 -0.01	35.25 4.19 -0.01	36.34 4.39 -0.39	43.02 4.68 -3.66	44.74 4.84 -2.94	50.77 4.95 -8.57	54.64 5.45 -7.28	65.85 7.04 -7.02	88.12 8.67 -13.27	82.68 9.06 -2.84	81.96 8.63 -5.34	69.03 6.69 -6.54	57.56 4.74 -9.72	45.92 3.77 -5.16
GLOBE___DSASP 323697	29.05 -5.09 0.02	25.71 -4.94 0.02	22.94 -4.31 0.02	22.18 -4.07 0.02	23.16 -3.96 0.02	25.21 -4.07 0.21	25.43 -5.33 6.50	29.48 -4.91 3.65	27.95 -4.66 0.21	25.96 -4.30 0.04	26.51 -4.18 0.02	26.91 -4.10 0.04	26.95 -4.58 0.04	28.82 -4.33 1.52	31.40 -4.62 0.94	31.67 -4.28 1.30	33.83 -4.19 3.89	39.62 -6.32 5.85	47.31 -7.81 11.06	52.17 -8.71 9.90	51.81 -8.63 7.54	41.60 -7.25 6.95	33.55 -5.86 3.69	32.45 -4.51 0.02
GOETHSLN___LBMP 323567	35.56 1.40 0.00	32.17 1.50 0.00	28.63 1.36 0.00	27.56 1.29 0.00	28.39 1.25 0.00	30.79 1.30 0.00	38.85 1.60 0.00	40.09 2.05 0.00	34.98 2.17 0.00	32.57 2.27 0.00	33.13 2.43 0.00	33.38 2.33 0.00	34.03 2.46 0.00	37.34 2.67 0.00	39.81 2.85 0.00	40.34 3.09 0.00	45.30 3.39 0.00	55.67 3.88 0.00	70.62 4.43 0.00	75.10 4.32 0.00	71.79 3.81 0.00	58.65 2.85 0.00	45.43 2.33 0.00	38.76 1.78 0.00
GOLAH___69_KV_TB 1_2 80279	31.73 -2.43 0.00	28.03 -2.64 0.00	24.97 -2.29 0.00	24.17 -2.10 0.00	25.16 -1.98 0.00	27.08 -2.36 0.05	32.94 -2.72 1.59	34.52 -2.62 0.89	30.60 -2.17 0.05	28.38 -1.91 0.00	28.89 -1.81 0.00	29.40 -1.65 0.00	29.58 -1.99 0.00	32.01 -2.29 0.37	34.33 -2.40 0.23	34.55 -2.38 0.31	37.72 -2.56 1.64	47.32 -2.64 1.83	60.41 -2.78 3.00	64.19 -3.04 3.54	61.75 -3.13 3.10	50.23 -2.68 2.89	39.33 -2.63 1.14	35.21 -1.78 0.00
GOODYEAR_LAKE_HYD 323669	34.88 0.72 0.00	31.31 0.64 0.00	27.84 0.57 0.00	26.83 0.55 0.00	27.69 0.54 0.00	30.17 0.68 0.00	38.23 0.97 -0.01	38.80 0.76 0.00	33.47 0.66 0.00	30.90 0.61 0.00	31.22 0.52 0.00	31.64 0.59 0.00	32.23 0.66 0.00	35.44 0.76 0.00	37.77 0.81 0.00	38.22 0.97 0.00	43.04 1.13 0.00	53.30 1.50 -0.01	68.45 2.25 -0.02	73.56 2.76 -0.02	70.66 2.65 -0.03	57.99 2.18 -0.01	44.62 1.51 -0.01	38.17 1.18 0.00

GOUDEY___7 345031	33.62 -0.55 0.00	30.21 -0.46 0.00	26.81 -0.46 0.00	25.81 -0.47 0.00	26.69 -0.46 0.00	29.17 -0.35 -0.03	38.05 -0.37 -1.17	38.35 -0.34 -0.66	32.59 -0.26 -0.03	29.97 -0.33 0.00	30.27 -0.43 0.00	30.71 -0.34 0.00	31.26 -0.32 0.00	34.64 -0.31 -0.27	36.83 -0.30 -0.17	37.26 -0.22 -0.23	42.08 -0.17 -0.34	53.51 0.00 -1.72	69.37 0.07 -3.12	72.91 0.21 -1.91	69.25 0.14 -1.13	56.88 0.06 -1.02	43.58 -0.17 -0.65	36.66 -0.33 0.00
GOUDEY___8 23579	33.62 -0.55 0.00	30.21 -0.46 0.00	26.81 -0.46 0.00	25.81 -0.47 0.00	26.69 -0.46 0.00	29.17 -0.35 -0.03	38.05 -0.37 -1.17	38.35 -0.34 -0.66	32.59 -0.26 -0.03	29.97 -0.33 0.00	30.27 -0.43 0.00	30.71 -0.34 0.00	31.26 -0.32 0.00	34.64 -0.31 -0.27	36.83 -0.30 -0.17	37.26 -0.22 -0.23	42.08 -0.17 -0.34	53.51 0.00 -1.72	69.37 0.07 -3.12	72.91 0.21 -1.91	69.25 0.14 -1.13	56.88 0.06 -1.02	43.58 -0.17 -0.65	36.66 -0.33 0.00
GOWANUS_GT1_1 24077	36.01 1.84 -0.01	32.58 1.90 -0.01	29.01 1.75 0.00	27.91 1.63 0.00	28.72 1.57 0.00	31.05 1.56 0.00	39.15 1.90 0.00	40.43 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.52 -0.01	34.26 2.68 -0.01	37.63 2.95 -0.01	40.18 3.22 -0.01	40.72 3.46 -0.01	45.73 3.81 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.88 5.10 -0.01	72.55 4.55 -0.01	59.27 3.46 -0.01	45.96 2.84 -0.01	39.32 2.33 -0.01
GOWANUS_GT1_2 24078	36.01 1.84 -0.01	32.58 1.90 -0.01	29.01 1.75 0.00	27.91 1.63 0.00	28.72 1.57 0.00	31.05 1.56 0.00	39.15 1.90 0.00	40.43 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.52 -0.01	34.26 2.68 -0.01	37.63 2.95 -0.01	40.18 3.22 -0.01	40.72 3.46 -0.01	45.73 3.81 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.88 5.10 -0.01	72.55 4.55 -0.01	59.27 3.46 -0.01	45.96 2.84 -0.01	39.32 2.33 -0.01
GOWANUS_GT1_3 24079	36.01 1.84 -0.01	32.58 1.90 -0.01	29.01 1.75 0.00	27.91 1.63 0.00	28.72 1.57 0.00	31.05 1.56 0.00	39.15 1.90 0.00	40.43 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.52 -0.01	34.26 2.68 -0.01	37.63 2.95 -0.01	40.18 3.22 -0.01	40.72 3.46 -0.01	45.73 3.81 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.88 5.10 -0.01	72.55 4.55 -0.01	59.27 3.46 -0.01	45.96 2.84 -0.01	39.32 2.33 -0.01
GOWANUS_GT1_4 24080	36.01 1.84 -0.01	32.58 1.90 -0.01	29.01 1.75 0.00	27.91 1.63 0.00	28.72 1.57 0.00	31.05 1.56 0.00	39.15 1.90 0.00	40.43 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.52 -0.01	34.26 2.68 -0.01	37.63 2.95 -0.01	40.18 3.22 -0.01	40.72 3.46 -0.01	45.73 3.81 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.88 5.10 -0.01	72.55 4.55 -0.01	59.27 3.46 -0.01	45.96 2.84 -0.01	39.32 2.33 -0.01
GOWANUS_GT1_5 24084	36.01 1.84 -0.01	32.58 1.90 -0.01	29.01 1.75 0.00	27.91 1.63 0.00	28.72 1.57 0.00	31.05 1.56 0.00	39.15 1.90 0.00	40.43 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.52 -0.01	34.26 2.68 -0.01	37.63 2.95 -0.01	40.18 3.22 -0.01	40.72 3.46 -0.01	45.73 3.81 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.88 5.10 -0.01	72.55 4.55 -0.01	59.27 3.46 -0.01	45.96 2.84 -0.01	39.32 2.33 -0.01
GOWANUS_GT1_6 24111	36.01 1.84 -0.01	32.58 1.90 -0.01	29.01 1.75 0.00	27.91 1.63 0.00	28.72 1.57 0.00	31.05 1.56 0.00	39.15 1.90 0.00	40.43 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.52 -0.01	34.26 2.68 -0.01	37.63 2.95 -0.01	40.18 3.22 -0.01	40.72 3.46 -0.01	45.73 3.81 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.88 5.10 -0.01	72.55 4.55 -0.01	59.27 3.46 -0.01	45.96 2.84 -0.01	39.32 2.33 -0.01
GOWANUS_GT1_7 24112	36.01 1.84 -0.01	32.58 1.90 -0.01	29.01 1.75 0.00	27.91 1.63 0.00	28.72 1.57 0.00	31.05 1.56 0.00	39.15 1.90 0.00	40.43 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.52 -0.01	34.26 2.68 -0.01	37.63 2.95 -0.01	40.18 3.22 -0.01	40.72 3.46 -0.01	45.73 3.81 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.88 5.10 -0.01	72.55 4.55 -0.01	59.27 3.46 -0.01	45.96 2.84 -0.01	39.32 2.33 -0.01
GOWANUS_GT1_8 24113	36.01 1.84 -0.01	32.58 1.90 -0.01	29.01 1.75 0.00	27.91 1.63 0.00	28.72 1.57 0.00	31.05 1.56 0.00	39.15 1.90 0.00	40.43 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.52 -0.01	34.26 2.68 -0.01	37.63 2.95 -0.01	40.18 3.22 -0.01	40.72 3.46 -0.01	45.73 3.81 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.88 5.10 -0.01	72.55 4.55 -0.01	59.27 3.46 -0.01	45.96 2.84 -0.01	39.32 2.33 -0.01
GOWANUS_GT2_1 24114	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
GOWANUS_GT2_2 24115	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
GOWANUS_GT2_3 24116	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
GOWANUS_GT2_4 24117	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01

GOWANUS_GT2_5 24118	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
GOWANUS_GT2_6 24119	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
GOWANUS_GT2_7 24120	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
GOWANUS_GT2_8 24121	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
GOWANUS_GT3_1 24122	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
GOWANUS_GT3_2 24123	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
GOWANUS_GT3_3 24124	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
GOWANUS_GT3_4 24125	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
GOWANUS_GT3_5 24126	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
GOWANUS_GT3_6 24127	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
GOWANUS_GT3_7 24128	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
GOWANUS_GT3_8 24129	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
GOWANUS_GT4_1 24130	36.01 1.84 -0.01	32.58 1.90 -0.01	29.01 1.75 0.00	27.91 1.63 0.00	28.72 1.57 0.00	31.05 1.56 0.00	39.15 1.90 0.00	40.43 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.52 -0.01	34.26 2.68 -0.01	37.63 2.95 -0.01	40.18 3.22 -0.01	40.72 3.46 -0.01	45.73 3.81 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.88 5.10 -0.01	72.55 4.55 -0.01	59.27 3.46 -0.01	45.96 2.84 -0.01	39.32 2.33 -0.01
GOWANUS_GT4_2 24131	36.01 1.84 -0.01	32.58 1.90 -0.01	29.01 1.75 0.00	27.91 1.63 0.00	28.72 1.57 0.00	31.05 1.56 0.00	39.15 1.90 0.00	40.43 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.52 -0.01	34.26 2.68 -0.01	37.63 2.95 -0.01	40.18 3.22 -0.01	40.72 3.46 -0.01	45.73 3.81 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.88 5.10 -0.01	72.55 4.55 -0.01	59.27 3.46 -0.01	45.96 2.84 -0.01	39.32 2.33 -0.01
GOWANUS_GT4_3 24132	36.01 1.84 -0.01	32.58 1.90 -0.01	29.01 1.75 0.00	27.91 1.63 0.00	28.72 1.57 0.00	31.05 1.56 0.00	39.15 1.90 0.00	40.43 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.52 -0.01	34.26 2.68 -0.01	37.63 2.95 -0.01	40.18 3.22 -0.01	40.72 3.46 -0.01	45.73 3.81 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.88 5.10 -0.01	72.55 4.55 -0.01	59.27 3.46 -0.01	45.96 2.84 -0.01	39.32 2.33 -0.01

GOWANUS_GT4_4 24133	36.01 1.84 -0.01	32.58 1.90 -0.01	29.01 1.75 0.00	27.91 1.63 0.00	28.72 1.57 0.00	31.05 1.56 0.00	39.15 1.90 0.00	40.43 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.52 -0.01	34.26 2.68 -0.01	37.63 2.95 -0.01	40.18 3.22 -0.01	40.72 3.46 -0.01	45.73 3.81 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.88 5.10 -0.01	72.55 4.55 -0.01	59.27 3.46 -0.01	45.96 2.84 -0.01	39.32 2.33 -0.01
GOWANUS_GT4_5 24134	36.01 1.84 -0.01	32.58 1.90 -0.01	29.01 1.75 0.00	27.91 1.63 0.00	28.72 1.57 0.00	31.05 1.56 0.00	39.15 1.90 0.00	40.43 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.52 -0.01	34.26 2.68 -0.01	37.63 2.95 -0.01	40.18 3.22 -0.01	40.72 3.46 -0.01	45.73 3.81 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.88 5.10 -0.01	72.55 4.55 -0.01	59.27 3.46 -0.01	45.96 2.84 -0.01	39.32 2.33 -0.01
GOWANUS_GT4_6 24135	36.01 1.84 -0.01	32.58 1.90 -0.01	29.01 1.75 0.00	27.91 1.63 0.00	28.72 1.57 0.00	31.05 1.56 0.00	39.15 1.90 0.00	40.43 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.52 -0.01	34.26 2.68 -0.01	37.63 2.95 -0.01	40.18 3.22 -0.01	40.72 3.46 -0.01	45.73 3.81 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.88 5.10 -0.01	72.55 4.55 -0.01	59.27 3.46 -0.01	45.96 2.84 -0.01	39.32 2.33 -0.01
GOWANUS_GT4_7 24136	36.01 1.84 -0.01	32.58 1.90 -0.01	29.01 1.75 0.00	27.91 1.63 0.00	28.72 1.57 0.00	31.05 1.56 0.00	39.15 1.90 0.00	40.43 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.52 -0.01	34.26 2.68 -0.01	37.63 2.95 -0.01	40.18 3.22 -0.01	40.72 3.46 -0.01	45.73 3.81 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.88 5.10 -0.01	72.55 4.55 -0.01	59.27 3.46 -0.01	45.96 2.84 -0.01	39.32 2.33 -0.01
GOWANUS_GT4_8 24137	36.01 1.84 -0.01	32.58 1.90 -0.01	29.01 1.75 0.00	27.91 1.63 0.00	28.72 1.57 0.00	31.05 1.56 0.00	39.15 1.90 0.00	40.43 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.52 -0.01	34.26 2.68 -0.01	37.63 2.95 -0.01	40.18 3.22 -0.01	40.72 3.46 -0.01	45.73 3.81 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.88 5.10 -0.01	72.55 4.55 -0.01	59.27 3.46 -0.01	45.96 2.84 -0.01	39.32 2.33 -0.01
GREENBSH_115KV_TB3 55895	34.88 0.72 0.00	31.40 0.74 0.00	28.00 0.74 0.00	26.96 0.68 0.00	27.77 0.62 0.00	30.14 0.65 0.00	37.70 0.45 0.00	38.46 0.42 0.00	33.05 0.23 0.00	30.48 0.18 0.00	30.86 0.15 0.00	31.14 0.09 0.00	31.70 0.13 0.00	34.81 0.14 0.00	37.22 0.26 0.00	37.73 0.48 0.00	42.45 0.54 0.00	52.20 0.41 0.00	66.85 0.66 0.00	71.34 0.57 0.00	68.73 0.75 0.00	56.47 0.67 0.00	44.01 0.91 0.00	37.61 0.63 0.00
GREENDGE_115KV_TB5 80291	33.83 -0.38 -0.04	30.34 -0.37 -0.04	26.88 -0.44 -0.04	25.90 -0.42 -0.04	26.89 -0.30 -0.04	29.88 -0.06 -0.44	52.09 0.15 -14.69	46.16 -0.11 -8.23	33.03 -0.23 -0.44	29.92 -0.42 -0.04	30.12 -0.58 0.00	30.69 -0.40 -0.04	31.23 -0.38 -0.04	37.77 -0.31 -3.40	38.75 -0.30 -2.08	39.92 -0.22 -2.89	48.42 0.04 -6.47	65.35 0.78 -12.78	93.05 1.59 -25.27	92.27 2.19 -19.30	82.36 2.04 -12.33	69.65 1.62 -12.23	51.55 0.73 -7.71	37.33 0.30 -0.04
GREENIDGE___3 23582	33.83 -0.38 -0.04	30.34 -0.37 -0.04	26.88 -0.44 -0.04	25.90 -0.42 -0.04	26.89 -0.30 -0.04	29.88 -0.06 -0.44	52.09 0.15 -14.69	46.16 -0.11 -8.23	33.03 -0.23 -0.44	29.92 -0.42 -0.04	30.12 -0.58 0.00	30.69 -0.40 -0.04	31.23 -0.38 -0.04	37.77 -0.31 -3.40	38.75 -0.30 -2.08	39.92 -0.22 -2.89	48.42 0.04 -6.47	65.35 0.78 -12.78	93.05 1.59 -25.27	92.27 2.19 -19.30	82.36 2.04 -12.33	69.65 1.62 -12.23	51.55 0.73 -7.71	37.33 0.30 -0.04
GREENIDGE___4 23583	33.83 -0.38 -0.04	30.35 -0.37 -0.04	26.87 -0.44 -0.04	25.90 -0.42 -0.04	26.89 -0.30 -0.04	29.93 0.00 -0.44	52.09 0.15 -14.69	46.16 -0.11 -8.23	33.03 -0.23 -0.44	29.92 -0.42 -0.04	30.12 -0.58 0.00	30.69 -0.40 -0.04	31.24 -0.38 -0.04	37.73 -0.35 -3.40	38.74 -0.30 -2.08	39.92 -0.22 -2.89	48.42 0.04 -6.47	65.35 0.78 -12.78	93.04 1.59 -25.27	92.28 2.20 -19.30	82.36 2.04 -12.33	69.65 1.62 -12.23	51.50 0.69 -7.71	37.32 0.29 -0.04
GREENLWN_69_KV_BK 3 55738	40.91 2.15 -4.59	32.95 2.21 -0.07	29.21 1.94 -0.01	28.12 1.84 0.00	28.99 1.85 0.00	31.50 2.01 -0.01	40.31 2.57 -0.49	45.62 3.00 -4.58	35.58 2.76 0.00	33.00 2.70 0.00	33.60 2.89 -0.01	33.89 2.83 -0.01	34.93 2.97 -0.39	41.58 3.16 -3.75	43.33 3.36 -3.01	49.48 3.46 -8.77	52.92 3.56 -7.45	63.27 4.30 -7.18	84.72 4.96 -13.58	78.92 5.24 -2.90	78.27 4.83 -5.46	66.17 3.68 -6.69	56.02 2.97 -9.94	44.82 2.55 -5.28
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.01 1.84 -0.01	32.58 1.90 -0.01	29.01 1.75 0.00	27.91 1.63 0.00	28.72 1.57 0.00	31.05 1.56 0.00	39.15 1.90 0.00	40.43 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.52 -0.01	34.26 2.68 -0.01	37.63 2.95 -0.01	40.18 3.22 -0.01	40.72 3.46 -0.01	45.73 3.81 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.88 5.10 -0.01	72.55 4.55 -0.01	59.27 3.46 -0.01	45.96 2.84 -0.01	39.32 2.33 -0.01
GRISSOM___SOLAR 323813	35.53 1.37 0.00	31.99 1.32 0.00	28.47 1.20 0.00	27.38 1.10 0.00	28.34 1.19 0.00	30.82 1.33 0.00	38.59 1.34 0.00	38.76 0.72 0.00	33.02 0.20 0.00	30.24 -0.06 0.00	30.58 -0.12 0.00	30.87 -0.19 0.00	31.38 -0.19 0.00	34.50 -0.17 0.00	36.81 -0.15 0.00	37.44 0.19 0.00	42.41 0.50 0.00	52.77 0.98 0.00	68.56 2.38 0.00	74.32 3.54 0.00	71.79 3.80 0.00	58.98 3.18 0.00	45.47 2.37 0.00	38.76 1.78 0.00
GROVEVILLE___HYD 323602	35.56 1.40 0.00	32.11 1.44 0.00	28.55 1.28 0.00	27.49 1.21 0.00	28.31 1.17 0.00	30.73 1.24 0.00	38.85 1.60 0.00	39.86 1.83 0.00	34.56 1.74 0.00	31.96 1.67 0.00	32.48 1.78 0.00	32.73 1.68 0.00	33.40 1.83 0.00	36.82 2.15 0.00	39.29 2.33 0.00	39.86 2.61 0.00	44.80 2.89 0.00	55.41 3.63 0.00	70.82 4.63 0.00	75.45 4.67 0.00	72.27 4.28 0.00	58.93 3.12 0.00	45.56 2.46 0.00	38.87 1.89 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	33.61 -0.55 0.00	30.09 -0.58 0.00	26.75 -0.52 0.00	25.78 -0.50 0.00	26.68 -0.46 0.00	29.02 -0.47 0.00	36.69 -0.56 0.00	37.39 -0.65 0.00	32.29 -0.53 0.00	29.78 -0.52 0.00	30.15 -0.55 0.00	30.59 -0.47 0.00	31.06 -0.51 0.00	34.12 -0.55 0.00	36.33 -0.63 0.00	36.51 -0.75 0.00	41.15 -0.75 0.00	53.20 -0.73 -2.13	68.60 -0.73 -3.14	71.94 -0.64 -1.79	68.53 -0.68 -1.23	56.23 -0.56 -0.98	42.77 -0.60 -0.27	36.62 -0.37 0.00
HAMLTNNY_34_KV_TB 80303	33.54 -0.61 0.00	29.99 -0.67 0.00	26.67 -0.60 0.00	25.70 -0.58 0.00	26.63 -0.52 0.00	28.93 -0.56 0.00	36.62 -0.63 0.00	37.31 -0.72 0.00	32.23 -0.59 0.00	29.72 -0.58 0.00	30.09 -0.61 0.00	30.55 -0.50 0.00	31.00 -0.57 0.00	34.02 -0.66 0.00	36.26 -0.70 0.00	36.47 -0.78 0.00	41.11 -0.80 0.00	53.20 -0.73 -2.13	68.67 -0.66 -3.14	72.01 -0.57 -1.80	68.53 -0.68 -1.23	56.28 -0.50 -0.98	42.78 -0.60 -0.27	36.62 -0.37 0.00

HAMPSHIRE___PAPER_HYD 323593	34.23 0.07 0.00	30.64 -0.03 0.00	27.19 -0.08 0.00	26.22 -0.05 0.00	27.06 -0.08 0.00	29.55 0.06 0.00	37.21 -0.04 0.00	37.62 -0.42 0.00	32.33 -0.49 0.00	29.75 -0.54 0.00	30.06 -0.65 0.00	30.46 -0.59 0.00	30.87 -0.69 0.00	33.88 -0.80 0.00	36.04 -0.92 0.00	36.17 -1.08 0.00	40.65 -1.26 0.00	50.95 -1.50 -0.66	65.84 -1.32 -0.98	70.56 -0.78 -0.56	67.75 -0.61 -0.38	55.66 -0.45 -0.31	42.50 -0.69 -0.08	36.39 -0.59 0.00
HARDSCRABBLE_WT_PWR 323673	34.64 0.48 0.00	31.10 0.43 0.00	27.65 0.38 0.00	26.62 0.34 0.00	27.44 0.30 0.00	29.87 0.38 0.00	37.73 0.48 0.00	38.42 0.38 0.00	33.18 0.36 0.00	30.66 0.36 0.00	31.01 0.31 0.00	31.33 0.28 0.00	31.82 0.25 0.00	34.81 0.14 0.00	37.03 0.07 0.00	37.29 0.04 0.00	41.87 -0.04 0.00	51.74 -0.05 0.00	66.32 0.13 0.00	71.06 0.28 0.00	68.39 0.41 0.00	56.42 0.61 0.00	43.66 0.56 0.00	37.54 0.56 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.39 1.23 0.00	31.93 1.26 0.00	28.41 1.15 0.00	27.33 1.05 0.00	28.15 1.00 0.00	30.58 1.09 0.00	38.63 1.38 0.00	39.75 1.71 0.00	34.49 1.67 0.00	31.93 1.64 0.00	32.45 1.75 0.00	32.73 1.68 0.00	33.40 1.83 0.00	36.75 2.08 0.00	39.22 2.25 0.00	39.75 2.50 0.00	44.63 2.72 0.00	55.15 3.37 0.00	70.35 4.17 0.00	74.95 4.18 0.00	71.79 3.81 0.00	58.59 2.79 0.00	45.26 2.16 0.00	38.61 1.63 0.00
HARSNRAD_115KV_TB1 81005	29.77 -4.37 0.02	26.32 -4.32 0.02	23.46 -3.79 0.02	22.68 -3.57 0.02	23.62 -3.50 0.02	25.34 -3.95 0.20	26.42 -4.36 6.48	30.30 -4.11 3.63	28.94 -3.68 0.21	26.92 -3.36 0.02	27.42 -3.29 0.00	27.86 -3.17 0.02	28.01 -3.54 0.02	29.52 -3.64 1.51	32.23 -3.81 0.93	32.13 -3.84 1.28	33.80 -4.27 3.83	41.48 -4.56 5.75	49.77 -5.56 10.86	54.72 -6.37 9.69	54.63 -6.39 6.96	43.65 -5.30 6.85	34.86 -4.57 3.68	33.08 -3.88 0.02
HARZA MOOSE___RIVER 24016	34.57 0.41 0.00	30.94 0.28 0.00	27.51 0.25 0.00	26.54 0.26 0.00	27.36 0.22 0.00	29.84 0.35 0.00	37.66 0.41 0.00	38.08 0.04 0.00	32.75 -0.07 0.00	30.18 -0.12 0.00	30.46 -0.25 0.00	30.90 -0.16 0.00	31.44 -0.13 0.00	34.50 -0.17 0.00	36.78 -0.18 0.00	37.03 -0.22 0.00	41.70 -0.21 0.00	52.25 -0.10 -0.56	67.54 0.53 -0.83	72.31 1.06 -0.47	69.40 1.09 -0.32	56.95 0.89 -0.26	43.39 0.22 -0.07	37.13 0.15 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	33.37 -0.79 0.00	29.90 -0.77 0.00	26.56 -0.71 0.00	25.62 -0.66 0.00	26.52 -0.62 0.00	28.81 -0.68 0.00	36.47 -0.78 0.00	37.20 -0.84 0.00	32.13 -0.69 0.00	29.66 -0.64 0.00	30.03 -0.68 0.00	30.46 -0.59 0.00	30.94 -0.63 0.00	33.95 -0.73 0.00	36.18 -0.78 0.00	36.36 -0.89 0.00	40.58 -0.96 0.36	51.75 -0.98 -0.94	66.60 -1.13 -1.54	70.02 -1.13 -0.37	66.78 -1.16 0.05	54.76 -0.95 0.09	42.22 -0.91 -0.02	36.36 -0.63 0.00
HELLGATE_13_KV_LD 55870	35.90 1.74 0.00	32.51 1.84 0.00	28.96 1.69 0.00	27.88 1.60 0.00	28.69 1.55 0.00	31.08 1.59 0.00	39.15 1.90 0.00	40.43 2.40 0.00	35.35 2.53 -0.01	32.85 2.55 -0.01	33.44 2.73 -0.01	33.70 2.64 -0.01	34.36 2.78 -0.01	37.70 3.02 -0.01	40.22 3.25 -0.01	40.72 3.46 -0.01	45.73 3.81 -0.01	56.19 4.40 0.00	71.08 4.90 0.00	75.66 4.88 0.00	72.33 4.35 0.00	59.04 3.24 0.00	45.86 2.76 0.00	39.20 2.22 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.90 1.74 0.00	32.51 1.84 0.00	28.96 1.69 0.00	27.88 1.60 0.00	28.69 1.55 0.00	31.08 1.59 0.00	39.15 1.90 0.00	40.43 2.40 0.00	35.35 2.53 -0.01	32.85 2.55 -0.01	33.44 2.73 -0.01	33.70 2.64 -0.01	34.36 2.78 -0.01	37.70 3.02 -0.01	40.22 3.25 -0.01	40.72 3.46 -0.01	45.73 3.81 -0.01	56.19 4.40 0.00	71.08 4.90 0.00	75.66 4.88 0.00	72.33 4.35 0.00	59.04 3.24 0.00	45.86 2.76 0.00	39.20 2.22 0.00
HEMPSTEAD___ 23647	42.37 1.78 -6.44	32.70 1.93 -0.10	29.03 1.75 -0.01	27.83 1.55 0.00	28.74 1.60 0.00	31.18 1.68 -0.01	40.10 2.20 -0.65	46.69 2.59 -6.06	35.31 2.49 0.00	32.72 2.42 0.00	33.35 2.64 -0.01	33.61 2.55 -0.01	34.77 2.65 -0.55	42.80 2.88 -5.25	44.28 3.11 -4.21	52.78 3.24 -12.29	55.75 3.39 -10.44	65.90 4.04 -10.07	90.04 4.83 -19.03	79.73 4.88 -4.07	80.12 4.49 -7.65	68.58 3.40 -9.38	59.84 2.80 -13.93	46.64 2.26 -7.40
HICKLING___1 23621	33.29 -0.89 -0.02	29.86 -0.83 -0.02	26.44 -0.85 -0.02	25.48 -0.81 -0.02	26.46 -0.71 -0.02	29.24 -0.47 -0.22	44.30 -0.34 -7.39	41.57 -0.61 -4.14	32.43 -0.59 -0.21	29.56 -0.76 -0.02	29.78 -0.92 0.00	30.36 -0.71 -0.02	30.89 -0.69 -0.02	35.58 -0.69 -1.59	37.27 -0.67 -0.97	38.05 -0.56 -1.35	44.34 -0.38 -2.81	58.07 0.16 -6.13	79.74 0.60 -12.96	81.41 1.06 -9.57	75.01 1.02 -6.01	62.42 0.73 -5.90	47.02 0.09 -3.83	36.67 -0.33 -0.02
HICKLING___2 23622	33.29 -0.89 -0.02	29.86 -0.83 -0.02	26.44 -0.85 -0.02	25.48 -0.81 -0.02	26.46 -0.71 -0.02	29.24 -0.47 -0.22	44.30 -0.34 -7.39	41.57 -0.61 -4.14	32.43 -0.59 -0.21	29.56 -0.76 -0.02	29.78 -0.92 0.00	30.36 -0.71 -0.02	30.89 -0.69 -0.02	35.58 -0.69 -1.59	37.27 -0.67 -0.97	38.05 -0.56 -1.35	44.34 -0.38 -2.81	58.07 0.16 -6.13	79.74 0.60 -12.96	81.41 1.06 -9.57	75.01 1.02 -6.01	62.42 0.73 -5.90	47.02 0.09 -3.83	36.67 -0.33 -0.02
HIGH FALLS___HY 23754	35.46 1.30 0.00	31.99 1.32 0.00	28.44 1.17 0.00	27.35 1.08 0.00	28.17 1.03 0.00	30.61 1.12 0.00	38.74 1.49 0.00	39.83 1.79 0.00	34.59 1.77 0.00	32.03 1.73 0.00	32.54 1.84 0.00	32.82 1.77 0.00	33.49 1.93 0.00	36.93 2.25 0.00	39.40 2.44 0.00	39.90 2.64 0.00	44.84 2.93 0.00	55.62 3.83 0.00	71.08 4.90 0.00	75.73 4.95 0.00	72.47 4.49 0.00	59.09 3.29 0.00	45.52 2.41 0.00	38.83 1.85 0.00
HIGH_RIVER___SOLAR 323847	35.18 1.02 0.00	31.68 1.01 0.00	28.20 0.93 0.00	27.14 0.87 0.00	28.04 0.89 0.00	30.46 0.97 0.00	38.29 1.04 0.00	38.64 0.61 0.00	32.95 0.13 0.00	30.33 0.03 0.00	30.67 -0.03 0.00	30.99 -0.06 0.00	31.51 -0.06 0.00	34.64 -0.03 0.00	36.96 0.00 0.00	37.48 0.22 0.00	42.37 0.46 0.00	52.72 0.93 0.00	68.04 1.85 0.00	73.32 2.54 0.00	70.63 2.65 0.00	58.04 2.23 0.00	44.83 1.73 0.00	38.31 1.33 0.00
HILLBURN___GT 23639	35.32 1.16 0.00	32.02 1.35 0.00	28.50 1.23 0.00	27.35 1.08 0.00	28.23 1.09 0.00	30.61 1.12 0.00	38.70 1.45 0.00	39.90 1.86 0.00	34.66 1.84 0.00	32.15 1.85 0.00	32.70 1.99 0.00	32.95 1.89 0.00	33.59 2.02 0.00	36.93 2.25 0.00	39.40 2.44 0.00	39.93 2.68 0.00	44.80 2.89 0.00	55.26 3.47 0.00	70.29 4.10 0.00	74.88 4.10 0.00	71.72 3.74 0.00	58.54 2.73 0.00	45.30 2.20 0.00	38.65 1.67 0.00
HILLSIDE_115KV_TB1 80332	33.08 -1.09 -0.02	29.73 -0.95 -0.02	26.36 -0.93 -0.02	25.37 -0.92 -0.02	26.26 -0.90 -0.02	28.98 -0.68 -0.17	42.11 -0.67 -5.53	40.37 -0.76 -3.10	32.30 -0.69 -0.17	29.53 -0.79 -0.02	29.75 -0.95 0.00	30.23 -0.84 -0.02	30.83 -0.76 -0.02	35.20 -0.76 -1.29	36.97 -0.78 -0.79	37.68 -0.67 -1.10	43.56 -0.59 -2.24	56.67 -0.26 -5.14	76.16 -0.07 -10.04	78.26 0.21 -7.27	72.72 0.20 -4.53	60.28 0.06 -4.42	45.64 -0.34 -2.88	36.34 -0.67 -0.02

HISHELDN_WT_PWR 323625	30.96 -3.14 0.06	27.54 -3.07 0.06	24.43 -2.78 0.06	23.65 -2.57 0.06	24.48 -2.61 0.06	26.28 -2.62 0.58	15.30 -3.02 18.93	24.38 -3.04 10.61	29.61 -2.63 0.58	27.70 -2.54 0.06	28.09 -2.61 0.00	28.51 -2.49 0.06	28.96 -2.56 0.06	27.49 -2.78 4.41	31.38 -2.88 2.70	30.68 -2.83 3.74	29.52 -2.93 9.46	32.96 -3.06 15.77	31.65 -3.58 30.96	41.62 -3.75 25.41	47.82 -3.67 16.49	35.55 -3.24 17.02	29.94 -3.02 10.14	34.15 -2.77 0.06
HOLTSVILLE_IC_1 23690	41.03 2.39 -4.48	33.25 2.52 -0.07	29.51 2.24 -0.01	28.30 2.02 0.00	29.23 2.09 0.00	31.77 2.27 -0.01	40.71 2.98 -0.48	45.88 3.35 -4.49	35.90 3.08 0.00	33.27 2.97 0.00	33.90 3.19 -0.01	34.16 3.10 -0.01	35.18 3.22 -0.38	41.73 3.40 -3.66	43.44 3.55 -2.93	49.46 3.65 -8.55	53.03 3.85 -7.27	63.62 4.82 -7.01	85.12 5.69 -13.25	79.62 6.01 -2.83	79.09 5.78 -5.33	66.74 4.41 -6.53	56.25 3.45 -9.70	44.98 2.85 -5.15
HOLTSVILLE_IC_10 23699	41.24 2.56 -4.52	33.41 2.67 -0.07	29.65 2.37 -0.01	28.40 2.13 0.00	29.37 2.23 0.00	31.92 2.42 -0.01	40.89 3.16 -0.48	46.10 3.54 -4.52	36.07 3.25 0.00	33.42 3.12 0.00	34.09 3.38 -0.01	34.35 3.29 -0.01	35.37 3.41 -0.39	41.97 3.61 -3.69	43.69 3.77 -2.96	49.78 3.91 -8.62	53.39 4.15 -7.33	64.08 5.23 -7.07	85.76 6.22 -13.35	80.22 6.58 -2.86	79.68 6.32 -5.37	67.29 4.91 -6.58	56.63 3.75 -9.78	45.25 3.07 -5.19
HOLTSVILLE_IC_2 23691	41.03 2.39 -4.48	33.25 2.52 -0.07	29.51 2.24 -0.01	28.30 2.02 0.00	29.23 2.09 0.00	31.77 2.27 -0.01	40.71 2.98 -0.48	45.88 3.35 -4.49	35.90 3.08 0.00	33.27 2.97 0.00	33.90 3.19 -0.01	34.16 3.10 -0.01	35.18 3.22 -0.38	41.73 3.40 -3.66	43.44 3.55 -2.93	49.46 3.65 -8.55	53.03 3.85 -7.27	63.62 4.82 -7.01	85.12 5.69 -13.25	79.62 6.01 -2.83	79.09 5.78 -5.33	66.74 4.41 -6.53	56.25 3.45 -9.70	44.98 2.85 -5.15
HOLTSVILLE_IC_3 23692	41.03 2.39 -4.48	33.25 2.52 -0.07	29.51 2.24 -0.01	28.30 2.02 0.00	29.23 2.09 0.00	31.77 2.27 -0.01	40.71 2.98 -0.48	45.88 3.35 -4.49	35.90 3.08 0.00	33.27 2.97 0.00	33.90 3.19 -0.01	34.16 3.10 -0.01	35.18 3.22 -0.38	41.73 3.40 -3.66	43.44 3.55 -2.93	49.46 3.65 -8.55	53.03 3.85 -7.27	63.62 4.82 -7.01	85.12 5.69 -13.25	79.62 6.01 -2.83	79.09 5.78 -5.33	66.74 4.41 -6.53	56.25 3.45 -9.70	44.98 2.85 -5.15
HOLTSVILLE_IC_4 23693	41.03 2.39 -4.48	33.25 2.52 -0.07	29.51 2.24 -0.01	28.30 2.02 0.00	29.23 2.09 0.00	31.77 2.27 -0.01	40.71 2.98 -0.48	45.88 3.35 -4.49	35.90 3.08 0.00	33.27 2.97 0.00	33.90 3.19 -0.01	34.16 3.10 -0.01	35.18 3.22 -0.38	41.73 3.40 -3.66	43.44 3.55 -2.93	49.46 3.65 -8.55	53.03 3.85 -7.27	63.62 4.82 -7.01	85.12 5.69 -13.25	79.62 6.01 -2.83	79.09 5.78 -5.33	66.74 4.41 -6.53	56.25 3.45 -9.70	44.98 2.85 -5.15
HOLTSVILLE_IC_5 23694	41.03 2.39 -4.48	33.25 2.52 -0.07	29.51 2.24 -0.01	28.30 2.02 0.00	29.23 2.09 0.00	31.77 2.27 -0.01	40.71 2.98 -0.48	45.88 3.35 -4.49	35.90 3.08 0.00	33.27 2.97 0.00	33.90 3.19 -0.01	34.16 3.10 -0.01	35.18 3.22 -0.38	41.73 3.40 -3.66	43.44 3.55 -2.93	49.46 3.65 -8.55	53.03 3.85 -7.27	63.62 4.82 -7.01	85.12 5.69 -13.25	79.62 6.01 -2.83	79.09 5.78 -5.33	66.74 4.41 -6.53	56.25 3.45 -9.70	44.98 2.85 -5.15
HOLTSVILLE_IC_6 23695	41.24 2.56 -4.52	33.41 2.67 -0.07	29.65 2.37 -0.01	28.40 2.13 0.00	29.37 2.23 0.00	31.92 2.42 -0.01	40.89 3.16 -0.48	46.10 3.54 -4.52	36.07 3.25 0.00	33.42 3.12 0.00	34.09 3.38 -0.01	34.35 3.29 -0.01	35.37 3.41 -0.39	41.97 3.61 -3.69	43.69 3.77 -2.96	49.78 3.91 -8.62	53.39 4.15 -7.33	64.08 5.23 -7.07	85.76 6.22 -13.35	80.22 6.58 -2.86	79.68 6.32 -5.37	67.29 4.91 -6.58	56.63 3.75 -9.78	45.25 3.07 -5.19
HOLTSVILLE_IC_7 23696	41.24 2.56 -4.52	33.41 2.67 -0.07	29.65 2.37 -0.01	28.40 2.13 0.00	29.37 2.23 0.00	31.92 2.42 -0.01	40.89 3.16 -0.48	46.10 3.54 -4.52	36.07 3.25 0.00	33.42 3.12 0.00	34.09 3.38 -0.01	34.35 3.29 -0.01	35.37 3.41 -0.39	41.97 3.61 -3.69	43.69 3.77 -2.96	49.78 3.91 -8.62	53.39 4.15 -7.33	64.08 5.23 -7.07	85.76 6.22 -13.35	80.22 6.58 -2.86	79.68 6.32 -5.37	67.29 4.91 -6.58	56.63 3.75 -9.78	45.25 3.07 -5.19
HOLTSVILLE_IC_8 23697	41.24 2.56 -4.52	33.41 2.67 -0.07	29.65 2.37 -0.01	28.40 2.13 0.00	29.37 2.23 0.00	31.92 2.42 -0.01	40.89 3.16 -0.48	46.10 3.54 -4.52	36.07 3.25 0.00	33.42 3.12 0.00	34.09 3.38 -0.01	34.35 3.29 -0.01	35.37 3.41 -0.39	41.97 3.61 -3.69	43.69 3.77 -2.96	49.78 3.91 -8.62	53.39 4.15 -7.33	64.08 5.23 -7.07	85.76 6.22 -13.35	80.22 6.58 -2.86	79.68 6.32 -5.37	67.29 4.91 -6.58	56.63 3.75 -9.78	45.25 3.07 -5.19
HOLTSVILLE_IC_9 23698	41.24 2.56 -4.52	33.41 2.67 -0.07	29.65 2.37 -0.01	28.40 2.13 0.00	29.37 2.23 0.00	31.92 2.42 -0.01	40.89 3.16 -0.48	46.10 3.54 -4.52	36.07 3.25 0.00	33.42 3.12 0.00	34.09 3.38 -0.01	34.35 3.29 -0.01	35.37 3.41 -0.39	41.97 3.61 -3.69	43.69 3.77 -2.96	49.78 3.91 -8.62	53.39 4.15 -7.33	64.08 5.23 -7.07	85.76 6.22 -13.35	80.22 6.58 -2.86	79.68 6.32 -5.37	67.29 4.91 -6.58	56.63 3.75 -9.78	45.25 3.07 -5.19
HOMER_HL_115KV_TB2 355744	31.44 -2.70 0.02	28.84 -1.81 0.02	25.23 -2.02 0.02	24.07 -2.18 0.02	24.65 -2.47 0.02	27.74 -1.53 0.22	28.71 -1.60 6.94	32.82 -1.33 3.89	31.72 -0.89 0.21	28.88 -1.39 0.02	28.68 -2.03 0.00	29.14 -1.89 0.02	30.35 -1.20 0.02	31.91 -1.14 1.62	34.86 -1.11 0.99	34.87 -1.01 1.38	37.00 -0.96 3.94	45.04 -0.67 6.08	53.80 -0.79 11.59	59.84 -0.92 10.02	60.78 -1.02 6.19	47.45 -1.28 7.07	37.72 -1.51 3.88	34.23 -2.74 0.02
HOWARD_WT_PWR 323690	32.37 -1.88 -0.09	28.95 -1.81 -0.09	25.69 -1.66 -0.09	24.82 -1.55 -0.09	25.79 -1.44 -0.09	29.16 -1.24 -0.91	65.99 -1.27 -30.00	53.21 -1.63 -16.81	32.18 -1.54 -0.91	28.72 -1.67 -0.09	28.89 -1.81 0.00	29.52 -1.62 -0.09	30.02 -1.64 -0.09	39.91 -1.73 -6.96	39.45 -1.77 -4.26	41.52 -1.64 -5.91	53.78 -1.51 -13.38	75.52 -0.99 -24.71	115.03 -0.60 -49.44	109.23 0.07 -38.38	92.67 0.14 -24.55	80.34 0.00 -24.53	58.01 -0.69 -15.60	36.08 -1.00 -0.09
HQ_GEN_CEDARS 23644	34.33 0.17 0.00	30.79 0.12 0.00	27.30 0.03 0.00	26.33 0.05 0.00	27.20 0.05 0.00	29.61 0.12 0.00	37.47 0.22 0.00	38.11 0.08 0.00	32.82 0.00 0.00	30.27 -0.03 0.00	30.67 -0.03 0.00	31.05 0.00 0.00	31.51 -0.06 0.00	34.71 0.03 0.00	36.89 -0.07 0.00	37.18 -0.07 0.00	41.82 -0.08 0.00	51.58 -0.21 0.00	65.79 -0.40 0.00	70.50 -0.28 0.00	67.78 -0.20 0.00	55.80 0.00 0.00	43.06 -0.04 0.00	36.84 -0.15 0.00
HQ_GEN_CEDARS_PROXY 323590	34.37 0.21 0.00	30.79 0.12 0.00	27.30 0.03 0.00	26.33 0.05 0.00	27.20 0.05 0.00	29.61 0.12 0.00	37.06 0.22 0.41	38.53 0.08 -0.41	32.82 0.00 0.00	30.27 -0.03 0.00	30.67 -0.03 0.00	31.05 0.00 0.00	31.51 -0.06 0.00	34.71 0.03 0.00	36.89 -0.07 0.00	37.18 -0.07 0.00	41.82 -0.08 0.00	51.58 -0.21 0.00	65.79 -0.39 0.00	70.50 -0.28 0.00	67.78 -0.20 0.00	55.80 0.00 0.00	43.06 -0.04 0.00	36.84 -0.15 0.00

HQ_GEN_CHPE_PROXY 323851	35.56 1.40 0.00	32.29 1.62 0.00	28.77 1.50 0.00	27.59 1.31 0.00	28.50 1.36 0.00	30.82 1.33 0.00	38.55 1.71 0.41	40.62 2.17 -0.41	35.02 2.20 0.00	32.57 2.27 0.00	33.13 2.42 0.00	33.38 2.33 0.00	34.00 2.43 0.00	37.38 2.71 0.00	39.85 2.88 0.00	40.38 3.13 0.00	45.30 3.39 0.00	55.72 3.93 0.00	70.82 4.63 0.00	75.38 4.60 0.00	72.06 4.08 0.00	58.87 3.07 0.00	45.60 2.50 0.00	38.91 1.92 0.00
HQ_GEN_IMPORT 323601	34.30 0.14 0.00	30.76 0.09 0.00	27.35 0.08 0.00	26.36 0.08 0.00	27.23 0.08 0.00	29.58 0.09 0.00	36.98 0.15 0.41	38.57 0.11 -0.41	32.92 0.10 0.00	30.39 0.09 0.00	30.79 0.09 0.00	31.14 0.09 0.00	31.63 0.06 0.00	34.78 0.10 0.00	37.03 0.07 0.00	37.33 0.07 0.00	41.99 0.08 0.00	51.89 0.10 0.00	66.25 0.07 0.00	70.85 0.07 0.00	68.05 0.07 0.00	55.91 0.11 0.00	43.19 0.09 0.00	37.02 0.04 0.00
HQ_GEN_WHEEL 23651	34.30 0.14 0.00	30.76 0.09 0.00	27.35 0.08 0.00	26.36 0.08 0.00	27.23 0.08 0.00	29.58 0.09 0.00	36.98 0.15 0.41	38.57 0.11 -0.41	32.92 0.10 0.00	30.39 0.09 0.00	30.79 0.09 0.00	31.14 0.09 0.00	31.63 0.06 0.00	34.78 0.10 0.00	37.03 0.07 0.00	37.33 0.07 0.00	41.99 0.08 0.00	51.89 0.10 0.00	66.25 0.07 0.00	70.85 0.07 0.00	68.05 0.07 0.00	55.91 0.11 0.00	43.19 0.09 0.00	37.02 0.04 0.00
HUDSON_AVE_GT_3 23810	35.73 1.57 0.00	32.32 1.66 0.00	28.77 1.50 0.00	27.70 1.42 0.00	28.53 1.38 0.00	30.91 1.42 0.00	39.04 1.79 0.00	40.28 2.24 0.00	35.12 2.30 0.00	32.66 2.36 0.00	33.22 2.52 0.00	33.47 2.42 0.00	34.13 2.56 0.00	37.48 2.81 0.00	39.95 2.99 0.00	40.49 3.24 0.00	45.47 3.56 0.00	55.93 4.14 0.00	71.02 4.83 0.00	75.52 4.74 0.00	72.27 4.28 0.00	58.98 3.18 0.00	45.65 2.54 0.00	38.98 2.00 0.00
HUDSON_AVE_GT_4 23540	35.73 1.57 0.00	32.32 1.66 0.00	28.77 1.50 0.00	27.70 1.42 0.00	28.53 1.38 0.00	30.91 1.42 0.00	39.04 1.79 0.00	40.28 2.24 0.00	35.12 2.30 0.00	32.66 2.36 0.00	33.22 2.52 0.00	33.47 2.42 0.00	34.13 2.56 0.00	37.48 2.81 0.00	39.95 2.99 0.00	40.49 3.24 0.00	45.47 3.56 0.00	55.93 4.14 0.00	71.02 4.83 0.00	75.52 4.74 0.00	72.27 4.28 0.00	58.98 3.18 0.00	45.65 2.54 0.00	38.98 2.00 0.00
HUDSON_AVE_GT_5 23657	35.73 1.57 0.00	32.32 1.66 0.00	28.77 1.50 0.00	27.70 1.42 0.00	28.53 1.38 0.00	30.91 1.42 0.00	39.04 1.79 0.00	40.28 2.24 0.00	35.12 2.30 0.00	32.66 2.36 0.00	33.22 2.52 0.00	33.47 2.42 0.00	34.13 2.56 0.00	37.48 2.81 0.00	39.95 2.99 0.00	40.49 3.24 0.00	45.47 3.56 0.00	55.93 4.14 0.00	71.02 4.83 0.00	75.52 4.74 0.00	72.27 4.28 0.00	58.98 3.18 0.00	45.65 2.54 0.00	38.98 2.00 0.00
HUDSON_AVE_10 24168	35.59 1.43 0.00	32.20 1.53 0.00	28.66 1.39 0.00	27.59 1.31 0.00	28.42 1.28 0.00	30.82 1.33 0.00	38.93 1.68 0.00	40.17 2.13 0.00	35.02 2.20 0.00	32.57 2.27 0.00	33.16 2.46 0.00	33.38 2.33 0.00	34.06 2.49 0.00	37.38 2.70 0.00	39.84 2.88 0.00	40.38 3.13 0.00	45.34 3.44 0.00	55.78 3.99 0.00	70.82 4.63 0.00	75.31 4.53 0.00	72.06 4.08 0.00	58.87 3.07 0.00	45.56 2.46 0.00	38.87 1.89 0.00
HUDSON___115KV_TB 4 355613	35.15 0.99 0.00	31.65 0.98 0.00	28.20 0.93 0.00	27.14 0.87 0.00	27.98 0.84 0.00	30.37 0.88 0.00	38.03 0.78 0.00	38.65 0.61 0.00	33.11 0.30 0.00	30.45 0.15 0.00	30.82 0.12 0.00	31.11 0.06 0.00	31.70 0.13 0.00	34.88 0.21 0.00	37.29 0.33 0.00	37.81 0.56 0.00	42.66 0.75 0.00	52.77 0.98 0.00	67.97 1.79 0.00	72.83 2.05 0.00	70.09 2.11 0.00	57.75 1.95 0.00	44.79 1.68 0.00	38.24 1.26 0.00
HUNTER MOUNT___DRP 323613	35.22 1.06 0.00	31.71 1.04 0.00	28.25 0.98 0.00	27.20 0.92 0.00	28.01 0.87 0.00	30.40 0.91 0.00	38.11 0.86 0.00	38.68 0.65 0.00	33.11 0.30 0.00	30.42 0.12 0.00	30.79 0.09 0.00	31.08 0.03 0.00	31.66 0.09 0.00	34.88 0.21 0.00	37.29 0.33 0.00	37.81 0.56 0.00	42.70 0.80 0.00	52.93 1.14 0.00	68.30 2.12 0.00	73.19 2.41 0.00	70.43 2.45 0.00	57.92 2.12 0.00	44.87 1.77 0.00	38.32 1.33 0.00
HUNTINGTON_RES_REC 323705	40.98 2.29 -4.53	33.16 2.42 -0.07	29.41 2.13 -0.01	28.19 1.92 0.00	29.15 2.01 0.00	31.65 2.15 -0.01	40.60 2.87 -0.48	45.84 3.27 -4.53	35.80 2.99 0.00	33.18 2.88 0.00	33.81 3.10 -0.01	34.10 3.04 -0.01	35.11 3.16 -0.39	41.77 3.40 -3.70	43.51 3.58 -2.97	49.63 3.72 -8.65	53.12 3.85 -7.36	63.70 4.82 -7.09	85.21 5.62 -13.40	79.59 5.95 -2.87	79.01 5.64 -5.39	66.70 4.30 -6.60	56.28 3.36 -9.81	45.00 2.81 -5.21
HUNTLEY___63 23557	29.87 -4.27 0.02	26.51 -4.14 0.02	23.59 -3.65 0.02	22.79 -3.47 0.02	23.73 -3.39 0.02	25.64 -3.63 0.22	26.03 -4.25 6.97	30.17 -3.96 3.91	29.02 -3.58 0.22	26.94 -3.33 0.02	27.42 -3.29 0.00	27.86 -3.17 0.02	28.07 -3.47 0.02	29.58 -3.47 1.63	32.34 -3.62 1.00	32.36 -3.50 1.39	34.23 -3.60 4.08	41.25 -4.35 6.18	49.17 -5.29 11.72	54.50 -6.02 10.27	55.45 -6.05 6.48	43.32 -5.19 7.29	34.73 -4.44 3.94	33.23 -3.74 0.02
HUNTLEY___64 23558	29.87 -4.27 0.02	26.51 -4.14 0.02	23.59 -3.65 0.02	22.79 -3.47 0.02	23.73 -3.39 0.02	25.64 -3.63 0.22	26.03 -4.25 6.97	30.17 -3.96 3.91	29.02 -3.58 0.22	26.94 -3.33 0.02	27.42 -3.29 0.00	27.86 -3.17 0.02	28.07 -3.47 0.02	29.58 -3.47 1.63	32.34 -3.62 1.00	32.36 -3.50 1.39	34.23 -3.60 4.08	41.25 -4.35 6.18	49.17 -5.29 11.72	54.50 -6.02 10.27	55.45 -6.05 6.48	43.32 -5.19 7.29	34.73 -4.44 3.94	33.23 -3.74 0.02
HUNTLEY___65 23559	29.87 -4.27 0.02	26.51 -4.14 0.02	23.59 -3.65 0.02	22.79 -3.47 0.02	23.73 -3.39 0.02	25.64 -3.63 0.22	26.03 -4.25 6.97	30.17 -3.96 3.91	29.02 -3.58 0.22	26.94 -3.33 0.02	27.42 -3.29 0.00	27.86 -3.17 0.02	28.07 -3.47 0.02	29.58 -3.47 1.63	32.34 -3.62 1.00	32.36 -3.50 1.39	34.23 -3.60 4.08	41.25 -4.35 6.18	49.17 -5.29 11.72	54.50 -6.02 10.27	55.45 -6.05 6.48	43.32 -5.19 7.29	34.73 -4.44 3.94	33.23 -3.74 0.02
HUNTLEY___66 23560	29.87 -4.27 0.02	26.51 -4.14 0.02	23.59 -3.65 0.02	22.79 -3.47 0.02	23.73 -3.39 0.02	25.64 -3.63 0.22	26.03 -4.25 6.97	30.17 -3.96 3.91	29.02 -3.58 0.22	26.94 -3.33 0.02	27.42 -3.29 0.00	27.86 -3.17 0.02	28.07 -3.47 0.02	29.58 -3.47 1.63	32.34 -3.62 1.00	32.36 -3.50 1.39	34.23 -3.60 4.08	41.25 -4.35 6.18	49.17 -5.29 11.72	54.50 -6.02 10.27	55.45 -6.05 6.48	43.32 -5.19 7.29	34.73 -4.44 3.94	33.23 -3.74 0.02
HUNTLEY___67 23561	30.14 -4.00 0.02	26.75 -3.89 0.02	23.78 -3.46 0.02	22.97 -3.28 0.02	23.89 -3.23 0.02	25.70 -3.54 0.25	25.54 -4.13 7.58	29.87 -3.92 4.25	29.36 -3.22 0.24	27.27 -3.00 0.02	27.75 -2.95 0.00	28.20 -2.83 0.02	28.42 -3.13 0.02	29.47 -3.43 1.77	32.29 -3.59 1.09	32.20 -3.54 1.51	33.77 -3.77 4.37	40.89 -4.19 6.70	48.27 -5.16 12.75	53.87 -5.80 11.10	54.97 -5.85 7.17	43.01 -4.97 7.82	34.50 -4.35 4.25	33.41 -3.55 0.02

HUNTLEY___68 23562	30.14 -4.00 0.02	26.75 -3.89 0.02	23.78 -3.46 0.02	22.97 -3.28 0.02	23.89 -3.23 0.02	25.70 -3.54 0.25	25.54 -4.13 7.58	29.87 -3.92 4.25	29.36 -3.22 0.24	27.27 -3.00 0.02	27.75 -2.95 0.00	28.20 -2.83 0.02	28.42 -3.13 0.02	29.47 -3.43 1.77	32.29 -3.59 1.09	32.20 -3.54 1.51	33.77 -3.77 4.37	40.89 -4.19 6.70	48.27 -5.16 12.75	53.87 -5.80 11.10	54.97 -5.85 7.17	43.01 -4.97 7.82	34.50 -4.35 4.25	33.41 -3.55 0.02
HYLAND___LFGE 323620	33.21 -1.02 -0.08	29.31 -1.44 -0.08	26.04 -1.31 -0.08	25.36 -1.00 -0.08	26.27 -0.95 -0.08	29.41 -0.88 -0.80	62.77 -0.97 -26.49	51.47 -1.41 -14.84	32.08 -1.54 -0.80	28.65 -1.73 -0.08	28.86 -1.84 0.00	29.51 -1.62 -0.08	29.94 -1.71 -0.08	38.81 -2.01 -6.15	38.65 -2.07 -3.76	40.57 -1.90 -5.22	51.73 -1.72 -11.55	71.83 -1.04 -21.08	109.04 0.20 -42.65	104.99 1.28 -32.93	90.19 1.43 -20.78	77.78 1.06 -20.92	56.54 -0.17 -13.60	36.88 -0.18 -0.08
INDECK___CORINTH 23802	35.66 1.50 0.00	32.14 1.47 0.00	28.74 1.47 0.00	27.64 1.37 0.00	28.58 1.44 0.00	31.05 1.56 0.00	39.04 1.79 0.00	39.67 1.63 0.00	33.90 1.08 0.00	31.15 0.85 0.00	31.53 0.83 0.00	31.83 0.78 0.00	32.36 0.79 0.00	35.54 0.87 0.00	37.99 1.03 0.00	38.67 1.42 0.00	43.80 1.89 0.00	53.86 2.07 0.00	69.56 3.37 0.00	74.53 3.75 0.00	71.65 3.67 0.00	59.26 3.46 0.00	45.78 2.67 0.00	39.13 2.14 0.00
INDECK___ILION 23567	34.74 0.58 0.00	31.19 0.52 0.00	27.73 0.46 0.00	26.70 0.42 0.00	27.52 0.38 0.00	29.99 0.50 0.00	37.84 0.60 0.00	38.53 0.49 0.00	33.24 0.43 0.00	30.72 0.42 0.00	31.07 0.37 0.00	31.42 0.37 0.00	31.92 0.35 0.00	34.85 0.17 0.00	37.11 0.15 0.00	37.33 0.07 0.00	41.95 0.04 0.00	51.84 0.05 0.00	66.45 0.26 0.00	71.20 0.42 0.00	68.53 0.54 0.00	56.64 0.84 0.00	43.80 0.69 0.00	37.65 0.67 0.00
INDECK___OLEAN 23982	30.93 -3.21 0.02	28.84 -1.81 0.02	25.26 -1.99 0.02	23.73 -2.52 0.02	24.65 -2.47 0.02	27.86 -1.41 0.22	28.71 -1.60 6.94	32.82 -1.33 3.89	31.72 -0.88 0.21	28.88 -1.39 0.02	28.67 -2.03 0.00	29.13 -1.90 0.02	30.19 -1.36 0.02	31.91 -1.14 1.62	34.86 -1.11 0.99	34.87 -1.00 1.38	37.00 -0.96 3.94	45.04 -0.67 6.08	53.80 -0.79 11.59	59.83 -0.92 10.02	60.71 -1.09 6.19	47.45 -1.28 7.07	37.72 -1.51 3.88	34.23 -2.74 0.02
INDECK___OSWEGO 23783	33.20 -0.96 0.00	29.72 -0.95 0.00	26.42 -0.85 0.00	25.49 -0.79 0.00	26.36 -0.79 0.00	28.63 -0.86 0.00	36.21 -1.04 0.00	36.90 -1.14 0.00	31.83 -0.98 0.00	29.39 -0.91 0.00	29.75 -0.95 0.00	30.15 -0.90 0.00	30.62 -0.95 0.00	33.60 -1.08 0.00	35.78 -1.18 0.00	35.91 -1.34 0.00	41.52 -1.47 -1.08	55.30 -2.07 -5.59	71.45 -2.51 -7.78	74.18 -2.55 -5.95	70.52 -2.44 -4.98	57.95 -2.01 -4.15	42.43 -1.68 -1.01	36.06 -0.92 0.00
INDECK___YERKES 23781	30.18 -3.96 0.02	26.51 -4.14 0.02	23.56 -3.68 0.02	22.97 -3.29 0.02	23.73 -3.39 0.02	25.37 -3.89 0.22	26.07 -4.21 6.97	30.17 -3.96 3.91	29.02 -3.58 0.22	26.94 -3.33 0.02	27.42 -3.28 0.00	27.86 -3.17 0.02	28.20 -3.35 0.02	29.58 -3.47 1.63	32.34 -3.62 1.00	32.40 -3.46 1.39	34.02 -3.81 4.08	41.31 -4.30 6.18	49.23 -5.23 11.72	54.57 -5.95 10.27	55.52 -5.98 6.48	43.32 -5.19 7.29	34.69 -4.48 3.94	33.27 -3.70 0.02
INDIAN POINT_GT_1 24139	35.49 1.33 0.00	32.08 1.41 0.00	28.52 1.25 0.00	27.46 1.18 0.00	28.28 1.14 0.00	30.70 1.21 0.00	38.78 1.53 0.00	39.94 1.90 0.00	34.72 1.90 0.00	32.21 1.91 0.00	32.76 2.06 0.00	33.01 1.96 0.00	33.65 2.08 0.00	36.96 2.29 0.00	39.44 2.48 0.00	39.97 2.72 0.00	44.88 2.98 0.00	55.26 3.47 0.00	70.35 4.17 0.00	74.95 4.18 0.00	71.72 3.74 0.00	58.59 2.79 0.00	45.35 2.24 0.00	38.69 1.70 0.00
INDIAN POINT_GT_2 23659	35.49 1.33 0.00	32.08 1.41 0.00	28.52 1.25 0.00	27.46 1.18 0.00	28.28 1.14 0.00	30.70 1.21 0.00	38.78 1.53 0.00	39.94 1.90 0.00	34.72 1.90 0.00	32.21 1.91 0.00	32.76 2.06 0.00	33.01 1.96 0.00	33.65 2.08 0.00	36.96 2.29 0.00	39.44 2.48 0.00	39.97 2.72 0.00	44.88 2.98 0.00	55.26 3.47 0.00	70.35 4.17 0.00	74.95 4.18 0.00	71.72 3.74 0.00	58.59 2.79 0.00	45.35 2.24 0.00	38.69 1.70 0.00
INDIAN POINT_GT_3 24019	35.49 1.33 0.00	32.08 1.41 0.00	28.52 1.25 0.00	27.46 1.18 0.00	28.28 1.14 0.00	30.70 1.21 0.00	38.78 1.53 0.00	39.94 1.90 0.00	34.72 1.90 0.00	32.21 1.91 0.00	32.76 2.06 0.00	33.01 1.96 0.00	33.65 2.08 0.00	36.96 2.29 0.00	39.44 2.48 0.00	39.97 2.72 0.00	44.88 2.98 0.00	55.26 3.47 0.00	70.35 4.17 0.00	74.95 4.18 0.00	71.72 3.74 0.00	58.59 2.79 0.00	45.35 2.24 0.00	38.69 1.70 0.00
INDIAN POINT___2 23530	35.35 1.19 0.00	32.02 1.35 0.00	28.52 1.26 0.00	27.35 1.08 0.00	28.26 1.11 0.00	30.61 1.12 0.00	38.74 1.49 0.00	39.90 1.86 0.00	34.69 1.87 0.00	32.18 1.88 0.00	32.73 2.03 0.00	32.98 1.93 0.00	33.59 2.02 0.00	36.93 2.25 0.00	39.44 2.48 0.00	39.93 2.68 0.00	44.80 2.89 0.00	55.21 3.42 0.00	70.29 4.10 0.00	74.81 4.03 0.00	71.65 3.67 0.00	58.48 2.68 0.00	45.30 2.20 0.00	38.65 1.67 0.00
INDIAN POINT___3 23531	35.46 1.30 0.00	32.05 1.38 0.00	28.52 1.25 0.00	27.43 1.16 0.00	28.26 1.11 0.00	30.67 1.18 0.00	38.74 1.49 0.00	39.90 1.86 0.00	34.69 1.87 0.00	32.18 1.88 0.00	32.73 2.03 0.00	32.98 1.93 0.00	33.62 2.05 0.00	36.93 2.25 0.00	39.40 2.44 0.00	39.93 2.68 0.00	44.84 2.93 0.00	55.21 3.42 0.00	70.29 4.10 0.00	74.81 4.03 0.00	71.65 3.67 0.00	58.48 2.68 0.00	45.30 2.20 0.00	38.65 1.66 0.00
INDIANHID_69_KV_BK1 55831	41.22 2.53 -4.53	33.25 2.51 -0.07	29.49 2.21 -0.01	28.38 2.10 0.00	29.23 2.09 0.00	31.80 2.30 -0.01	40.71 2.98 -0.48	45.95 3.39 -4.53	35.94 3.12 0.00	33.30 3.00 0.00	33.93 3.22 -0.01	34.23 3.17 -0.01	35.27 3.31 -0.39	41.90 3.54 -3.69	43.66 3.73 -2.96	49.77 3.87 -8.64	53.36 4.11 -7.35	63.95 5.08 -7.08	85.53 5.96 -13.38	80.08 6.44 -2.86	79.35 5.98 -5.38	67.03 4.63 -6.60	56.44 3.53 -9.80	45.15 2.96 -5.20
INGHAM_C_115KV_TB7 356103	34.74 0.58 0.00	31.19 0.52 0.00	27.73 0.46 0.00	26.70 0.42 0.00	27.52 0.38 0.00	29.99 0.50 0.00	37.84 0.60 0.00	38.53 0.49 0.00	33.24 0.43 0.00	30.72 0.42 0.00	31.07 0.37 0.00	31.42 0.37 0.00	31.92 0.35 0.00	34.85 0.17 0.00	37.11 0.15 0.00	37.33 0.07 0.00	41.95 0.04 0.00	51.84 0.05 0.00	66.45 0.26 0.00	71.20 0.42 0.00	68.53 0.54 0.00	56.64 0.84 0.00	43.80 0.69 0.00	37.65 0.67 0.00
IP CORINTH___1 23988	35.70 1.54 0.00	32.14 1.47 0.00	28.74 1.47 0.00	27.67 1.39 0.00	28.58 1.44 0.00	31.05 1.56 0.00	39.04 1.79 0.00	39.67 1.64 0.00	33.90 1.08 0.00	31.15 0.85 0.00	31.53 0.83 0.00	31.83 0.78 0.00	32.39 0.82 0.00	35.54 0.87 0.00	38.00 1.03 0.00	38.67 1.42 0.00	43.84 1.93 0.00	53.86 2.07 0.00	69.56 3.38 0.00	74.53 3.75 0.00	71.65 3.67 0.00	59.26 3.46 0.00	45.73 2.63 0.00	39.13 2.15 0.00

IP___TICONDEROGA 23804	36.48 2.32 0.00	32.91 2.24 0.00	29.40 2.13 0.00	28.27 2.00 0.00	29.26 2.12 0.00	31.79 2.30 0.00	39.86 2.61 0.00	40.28 2.24 0.00	34.62 1.81 0.00	31.66 1.36 0.00	32.08 1.38 0.00	32.39 1.34 0.00	32.89 1.33 0.00	36.13 1.46 0.00	38.59 1.63 0.00	39.49 2.24 0.00	44.97 3.06 0.00	55.57 3.78 0.00	72.27 6.09 0.00	78.07 7.29 0.00	75.12 7.14 0.00	62.05 6.25 0.00	47.67 4.57 0.00	40.61 3.62 0.00
ISLIP_RES_REC 323679	41.40 2.70 -4.54	33.53 2.79 -0.07	29.76 2.48 -0.01	28.51 2.23 0.00	29.48 2.33 0.00	32.03 2.54 -0.01	41.09 3.35 -0.48	46.31 3.73 -4.54	36.23 3.41 0.00	33.57 3.27 0.00	34.21 3.50 -0.01	34.48 3.42 -0.01	35.53 3.57 -0.39	42.16 3.78 -3.71	43.89 3.96 -2.97	50.02 4.10 -8.67	53.68 4.40 -7.37	64.49 5.59 -7.11	86.29 6.68 -13.43	80.73 7.08 -2.87	80.18 6.80 -5.40	67.66 5.24 -6.62	56.90 3.96 -9.83	45.46 3.26 -5.22
JAMAICA__27_KV_LOAD 355505	35.66 1.50 0.00	32.23 1.56 0.00	28.69 1.42 0.00	27.62 1.34 0.00	28.42 1.28 0.00	30.82 1.33 0.00	39.00 1.75 0.00	40.32 2.28 0.00	35.18 2.36 0.00	32.72 2.42 0.00	33.28 2.58 0.00	33.54 2.48 0.00	34.22 2.65 0.00	37.55 2.88 0.00	40.03 3.07 0.00	40.60 3.35 0.00	45.64 3.73 0.00	56.14 4.35 0.00	71.15 4.96 0.00	75.73 4.95 0.00	72.40 4.42 0.00	59.21 3.40 0.00	45.73 2.63 0.00	38.98 2.00 0.00
JANIS___SOLAR 323808	34.64 0.48 -0.01	31.01 0.34 -0.01	27.55 0.27 -0.01	26.55 0.26 -0.01	27.48 0.33 -0.01	30.12 0.56 -0.08	40.45 0.71 -2.50	39.70 0.27 -1.40	32.89 0.00 -0.07	30.06 -0.24 -0.01	30.21 -0.49 0.00	30.65 -0.40 -0.01	31.20 -0.38 -0.01	34.85 -0.38 -0.56	36.93 -0.37 -0.34	37.43 -0.30 -0.47	42.81 -0.04 -0.94	55.32 0.62 -2.91	73.51 1.79 -5.54	77.36 2.76 -3.83	73.10 2.72 -2.39	60.37 2.29 -2.28	45.78 1.29 -1.38	37.95 0.96 -0.01
JARVIS____ 23743	34.23 0.07 0.00	30.73 0.06 0.00	27.35 0.08 0.00	26.33 0.05 0.00	27.20 0.05 0.00	29.55 0.06 0.00	37.29 0.04 0.00	38.08 0.04 0.00	32.85 0.03 0.00	30.33 0.03 0.00	30.70 0.00 0.00	31.05 0.00 0.00	31.60 0.03 0.00	34.71 0.03 0.00	37.00 0.04 0.00	37.29 0.04 0.00	41.95 0.04 0.00	51.84 0.05 0.00	66.32 0.13 0.00	70.92 0.14 0.00	68.12 0.14 0.00	55.91 0.11 0.00	43.24 0.13 0.00	37.06 0.07 0.00
JENNISON___1 23625	34.81 0.65 0.00	31.19 0.52 0.00	27.74 0.46 0.00	26.73 0.45 0.00	27.58 0.43 0.00	30.21 0.68 -0.04	39.36 0.78 -1.32	39.39 0.61 -0.74	33.34 0.49 -0.03	30.67 0.36 0.00	30.92 0.21 0.00	31.33 0.28 0.00	31.95 0.38 0.00	35.42 0.49 -0.26	37.68 0.55 -0.16	37.96 0.48 -0.22	42.95 0.67 -0.37	54.56 1.19 -1.58	71.54 2.18 -3.17	75.68 2.83 -2.07	72.02 2.79 -1.25	59.26 2.29 -1.17	45.26 1.42 -0.73	38.02 1.04 0.00
JENNISON___2 23626	34.81 0.65 0.00	31.19 0.52 0.00	27.74 0.46 0.00	26.73 0.45 0.00	27.58 0.43 0.00	30.21 0.68 -0.04	39.36 0.78 -1.32	39.39 0.61 -0.74	33.34 0.49 -0.03	30.67 0.36 0.00	30.92 0.21 0.00	31.33 0.28 0.00	31.95 0.38 0.00	35.42 0.49 -0.26	37.68 0.55 -0.16	37.96 0.48 -0.22	42.95 0.67 -0.37	54.56 1.19 -1.58	71.54 2.18 -3.17	75.68 2.83 -2.07	72.02 2.79 -1.25	59.26 2.29 -1.17	45.26 1.42 -0.73	38.02 1.04 0.00
JERICHO_RISE_WT_PWR 323719	34.33 0.17 0.00	30.79 0.12 0.00	27.30 0.03 0.00	26.30 0.03 0.00	27.17 0.03 0.00	29.55 0.06 0.00	37.36 0.11 0.00	38.11 0.08 0.00	32.85 0.03 0.00	30.30 0.00 0.00	30.73 0.03 0.00	31.08 0.03 0.00	31.57 0.00 0.00	34.71 0.03 0.00	36.96 0.00 0.00	37.25 0.00 0.00	41.95 0.04 0.00	51.74 -0.05 0.00	65.99 -0.20 0.00	70.64 -0.14 0.00	67.78 -0.20 0.00	55.63 -0.17 0.00	42.81 -0.30 0.00	36.62 -0.37 0.00
KATONAH___115KV_46KV_TB4 355592	35.66 1.50 0.00	32.20 1.53 0.00	28.66 1.39 0.00	27.59 1.31 0.00	28.42 1.28 0.00	30.85 1.36 0.00	38.96 1.71 0.00	40.09 2.05 0.00	34.85 2.03 0.00	32.33 2.03 0.00	32.88 2.18 0.00	33.13 2.08 0.00	33.75 2.18 0.00	37.07 2.39 0.00	39.62 2.66 0.00	40.12 2.87 0.00	45.13 3.23 0.00	55.62 3.83 0.00	70.95 4.77 0.00	75.52 4.74 0.00	72.20 4.21 0.00	58.98 3.18 0.00	45.61 2.50 0.00	38.91 1.92 0.00
KCE_NY_1 323755	35.59 1.43 0.00	32.08 1.41 0.00	28.58 1.31 0.00	27.49 1.21 0.00	28.42 1.28 0.00	30.85 1.36 0.00	38.81 1.56 0.00	39.45 1.41 0.00	33.77 0.95 0.00	31.06 0.76 0.00	31.44 0.74 0.00	31.73 0.68 0.00	32.26 0.69 0.00	35.44 0.76 0.00	37.88 0.92 0.00	38.48 1.23 0.00	43.50 1.59 0.00	53.71 1.92 0.00	69.09 2.91 0.00	73.97 3.19 0.00	71.25 3.26 0.00	58.65 2.84 0.00	45.43 2.33 0.00	38.76 1.78 0.00
KCE_NY_6_ESR 323823	30.61 -3.52 0.03	27.33 -3.31 0.03	24.19 -3.05 0.03	23.36 -2.89 0.03	24.19 -2.93 0.03	26.30 -2.92 0.27	25.46 -3.35 8.44	30.11 -3.20 4.73	29.93 -2.63 0.26	27.73 -2.54 0.03	28.06 -2.64 0.00	28.51 -2.51 0.03	29.02 -2.53 0.03	29.90 -2.81 1.97	32.83 -2.92 1.21	32.74 -2.83 1.68	34.26 -2.93 4.71	41.38 -3.06 7.35	48.46 -3.64 14.08	54.53 -4.18 12.08	56.20 -4.28 7.51	43.56 -3.80 8.45	34.93 -3.49 4.69	33.78 -3.18 0.03
KEDC_PORT_JEFF_GT2 24210	41.19 2.53 -4.51	33.38 2.64 -0.07	29.62 2.35 -0.01	28.38 2.10 0.00	29.34 2.20 0.00	31.86 2.36 -0.01	40.86 3.13 -0.48	46.05 3.50 -4.51	36.04 3.22 0.00	33.39 3.09 0.00	34.03 3.32 -0.01	34.32 3.26 -0.01	35.34 3.38 -0.39	41.92 3.57 -3.68	43.64 3.73 -2.95	49.72 3.87 -8.60	53.33 4.11 -7.31	64.01 5.18 -7.05	85.46 5.96 -13.32	79.92 6.30 -2.85	79.59 6.25 -5.36	67.16 4.80 -6.56	56.52 3.66 -9.75	45.20 3.03 -5.18
KEDC_PORT_JEFF_GT3 24211	41.19 2.53 -4.51	33.38 2.64 -0.07	29.62 2.35 -0.01	28.38 2.10 0.00	29.34 2.20 0.00	31.86 2.36 -0.01	40.86 3.13 -0.48	46.05 3.50 -4.51	36.04 3.22 0.00	33.39 3.09 0.00	34.03 3.32 -0.01	34.32 3.26 -0.01	35.34 3.38 -0.39	41.92 3.57 -3.68	43.64 3.73 -2.95	49.72 3.87 -8.60	53.33 4.11 -7.31	64.01 5.18 -7.05	85.46 5.96 -13.32	79.92 6.30 -2.85	79.59 6.25 -5.36	67.16 4.80 -6.56	56.52 3.66 -9.75	45.20 3.03 -5.18
KEDC_GLWD_GT4 24219	43.13 1.78 -7.20	32.68 1.90 -0.11	29.00 1.72 -0.01	27.83 1.55 0.00	28.74 1.60 0.00	31.15 1.65 -0.01	40.13 2.16 -0.72	47.32 2.59 -6.70	35.31 2.49 0.00	32.75 2.45 0.00	33.36 2.64 -0.01	33.61 2.55 -0.01	34.84 2.65 -0.62	43.46 2.91 -5.87	44.81 3.14 -4.71	54.34 3.35 -13.74	57.15 3.56 -11.68	67.04 3.99 -11.26	92.16 4.70 -21.28	80.07 4.74 -4.55	80.90 4.35 -8.56	69.52 3.24 -10.48	61.57 2.89 -15.58	47.55 2.29 -8.27
KEDC_GLWD_GT5 24220	43.13 1.78 -7.20	32.68 1.90 -0.11	29.00 1.72 -0.01	27.83 1.55 0.00	28.74 1.60 0.00	31.15 1.65 -0.01	40.13 2.16 -0.72	47.32 2.59 -6.70	35.31 2.49 0.00	32.75 2.45 0.00	33.36 2.64 -0.01	33.61 2.55 -0.01	34.84 2.65 -0.62	43.46 2.91 -5.87	44.81 3.14 -4.71	54.34 3.35 -13.74	57.15 3.56 -11.68	67.04 3.99 -11.26	92.16 4.70 -21.28	80.07 4.74 -4.55	80.90 4.35 -8.56	69.52 3.24 -10.48	61.57 2.89 -15.58	47.55 2.29 -8.27

KENSICO____ 23655	35.59 1.43 0.00	32.14 1.47 0.00	28.60 1.34 0.00	27.54 1.26 0.00	28.36 1.22 0.00	30.79 1.30 0.00	38.89 1.64 0.00	40.05 2.02 0.00	34.82 2.00 0.00	32.33 2.03 0.00	32.88 2.18 0.00	33.13 2.08 0.00	33.81 2.24 0.00	37.10 2.43 0.00	39.58 2.62 0.00	40.12 2.87 0.00	45.05 3.14 0.00	55.47 3.68 0.00	70.55 4.37 0.00	75.17 4.39 0.00	71.93 3.94 0.00	58.70 2.90 0.00	45.43 2.33 0.00	38.80 1.81 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.42 1.26 0.00	31.93 1.26 0.00	28.41 1.15 0.00	27.33 1.05 0.00	28.15 1.00 0.00	30.58 1.09 0.00	38.66 1.42 0.00	39.75 1.71 0.00	34.46 1.64 0.00	31.90 1.61 0.00	32.39 1.69 0.00	32.67 1.61 0.00	33.37 1.80 0.00	36.79 2.12 0.00	39.25 2.29 0.00	39.71 2.46 0.00	44.63 2.72 0.00	55.31 3.52 0.00	70.82 4.63 0.00	75.52 4.74 0.00	72.27 4.28 0.00	58.93 3.12 0.00	45.43 2.33 0.00	38.76 1.78 0.00
KIAC_JFK_GT1 23816	35.42 1.26 0.00	32.05 1.38 0.00	28.52 1.25 0.00	27.46 1.18 0.00	28.26 1.11 0.00	30.64 1.15 0.00	38.78 1.53 0.00	40.09 2.05 0.00	34.98 2.17 0.00	32.51 2.21 0.00	33.07 2.36 0.00	33.32 2.27 0.00	33.97 2.40 0.00	37.31 2.64 0.00	39.77 2.81 0.00	40.31 3.05 0.00	45.30 3.39 0.00	55.72 3.94 0.00	70.35 4.17 0.00	74.88 4.11 0.00	71.59 3.60 0.00	58.76 2.96 0.00	45.43 2.33 0.00	38.72 1.74 0.00
KIAC_JFK_GT2 23817	35.42 1.26 0.00	32.05 1.38 0.00	28.52 1.25 0.00	27.46 1.18 0.00	28.26 1.11 0.00	30.64 1.15 0.00	38.78 1.53 0.00	40.09 2.05 0.00	34.98 2.17 0.00	32.51 2.21 0.00	33.07 2.36 0.00	33.32 2.27 0.00	33.97 2.40 0.00	37.31 2.64 0.00	39.77 2.81 0.00	40.31 3.05 0.00	45.30 3.39 0.00	55.72 3.94 0.00	70.35 4.17 0.00	74.88 4.11 0.00	71.59 3.60 0.00	58.76 2.96 0.00	45.43 2.33 0.00	38.72 1.74 0.00
KIAC_JFK____ 323774	35.28 1.13 0.00	32.05 1.38 0.00	28.52 1.26 0.00	27.38 1.10 0.00	28.26 1.11 0.00	30.58 1.09 0.00	38.78 1.53 0.00	40.09 2.05 0.00	34.98 2.17 0.00	32.51 2.21 0.00	33.07 2.36 0.00	33.32 2.27 0.00	33.94 2.37 0.00	37.31 2.63 0.00	39.77 2.81 0.00	40.31 3.06 0.00	45.26 3.35 0.00	55.72 3.93 0.00	70.36 4.17 0.00	74.88 4.10 0.00	71.58 3.60 0.00	58.76 2.96 0.00	45.47 2.37 0.00	38.72 1.74 0.00
KINTIGH_24_KV_GSU 356498	30.83 -3.31 0.01	26.85 -3.80 0.01	23.95 -3.30 0.01	23.48 -2.79 0.01	24.25 -2.88 0.01	25.93 -3.42 0.14	28.52 -4.14 4.59	31.51 -3.96 2.57	29.43 -3.25 0.14	27.44 -2.85 0.01	28.06 -2.64 0.00	28.49 -2.55 0.01	28.65 -2.90 0.01	30.11 -3.50 1.07	32.65 -3.66 0.65	32.70 -3.65 0.90	34.98 -3.90 3.03	43.06 -4.45 4.28	52.81 -5.49 7.89	57.18 -6.16 7.44	56.07 -6.12 5.80	45.21 -5.19 5.41	35.91 -4.48 2.71	33.79 -3.18 0.01
KINTIGH____ 23543	30.49 -3.66 0.01	26.85 -3.80 0.01	23.98 -3.27 0.01	23.24 -3.02 0.01	24.25 -2.88 0.01	25.87 -3.48 0.14	28.52 -4.13 4.59	31.51 -3.96 2.57	29.43 -3.25 0.14	27.44 -2.85 0.01	28.06 -2.64 0.00	28.49 -2.55 0.01	28.49 -3.06 0.01	30.11 -3.50 1.07	32.65 -3.66 0.65	32.70 -3.65 0.90	34.94 -3.94 3.03	43.06 -4.45 4.28	52.81 -5.49 7.89	57.18 -6.16 7.44	56.07 -6.12 5.80	45.26 -5.13 5.41	35.95 -4.44 2.71	33.79 -3.18 0.01
KNTFSRNC_46_KV_46KV_LOAD 80397	34.77 0.61 0.00	31.16 0.49 0.00	27.54 0.27 0.00	26.57 0.29 0.00	27.47 0.33 0.00	29.90 0.41 0.00	37.92 0.67 0.00	38.57 0.53 0.00	33.18 0.36 0.00	30.54 0.24 0.00	30.95 0.25 0.00	31.36 0.31 0.00	31.82 0.25 0.00	35.12 0.45 0.00	37.33 0.37 0.00	37.66 0.41 0.00	42.54 0.63 0.00	52.46 0.67 0.00	66.98 0.79 0.00	71.91 1.13 0.00	69.14 1.16 0.00	56.69 0.89 0.00	43.58 0.47 0.00	37.13 0.15 0.00
LACHUTE____HYDRO 323717	36.45 2.29 0.00	32.91 2.24 0.00	29.40 2.13 0.00	28.27 2.00 0.00	29.26 2.12 0.00	31.79 2.30 0.00	39.86 2.61 0.00	40.28 2.24 0.00	34.62 1.80 0.00	31.66 1.36 0.00	32.08 1.38 0.00	32.39 1.33 0.00	32.89 1.33 0.00	36.13 1.46 0.00	38.59 1.62 0.00	39.49 2.23 0.00	44.97 3.06 0.00	55.57 3.78 0.00	72.27 6.09 0.00	78.07 7.29 0.00	75.12 7.14 0.00	62.05 6.25 0.00	47.72 4.61 0.00	40.61 3.63 0.00
LAWRNCV_115KV_TB1 80681	34.16 0.00 0.00	30.64 -0.03 0.00	27.16 -0.11 0.00	26.20 -0.08 0.00	27.03 -0.11 0.00	29.46 -0.03 0.00	37.17 -0.07 0.00	37.70 -0.34 0.00	32.42 -0.39 0.00	29.87 -0.42 0.00	30.24 -0.46 0.00	30.62 -0.43 0.00	31.00 -0.57 0.00	34.05 -0.62 0.00	36.18 -0.78 0.00	36.32 -0.93 0.00	40.78 -1.13 0.00	50.34 -1.45 0.00	64.40 -1.79 0.00	69.22 -1.56 0.00	66.62 -1.36 0.00	54.85 -0.95 0.00	42.20 -0.91 0.00	36.21 -0.78 0.00
LEDERLE____ 23769	35.53 1.37 0.00	32.08 1.41 0.00	28.55 1.28 0.00	27.46 1.18 0.00	28.28 1.14 0.00	30.73 1.24 0.00	38.81 1.56 0.00	39.98 1.94 0.00	34.72 1.90 0.00	32.21 1.91 0.00	32.76 2.06 0.00	33.01 1.96 0.00	33.68 2.12 0.00	37.03 2.36 0.00	39.51 2.55 0.00	40.01 2.76 0.00	44.97 3.06 0.00	55.41 3.63 0.00	70.55 4.37 0.00	75.17 4.39 0.00	71.99 4.01 0.00	58.70 2.90 0.00	45.43 2.33 0.00	38.76 1.78 0.00
LIGHTHSE_115KV_TB6 355974	33.68 -0.48 0.00	30.15 -0.52 0.00	26.80 -0.46 0.00	25.86 -0.42 0.00	26.71 -0.43 0.00	29.08 -0.41 0.00	36.76 -0.48 0.00	37.28 -0.76 0.00	32.13 -0.69 0.00	29.60 -0.70 0.00	29.93 -0.77 0.00	30.37 -0.68 0.00	30.84 -0.73 0.00	33.84 -0.83 0.00	36.04 -0.92 0.00	36.21 -1.04 0.00	40.95 -1.17 0.00	53.22 -1.19 0.00	68.90 -1.06 0.00	72.59 -0.64 0.00	69.23 -0.61 0.00	56.88 -0.45 0.00	42.90 -0.60 0.00	36.58 -0.41 0.00
LINDEN COGEN____ 23786	35.39 1.23 0.00	32.14 1.47 0.00	28.63 1.36 0.00	27.49 1.21 0.00	28.37 1.22 0.00	30.70 1.21 0.00	38.81 1.56 0.00	40.09 2.05 0.00	34.95 2.13 0.00	32.54 2.24 0.00	33.13 2.42 0.00	33.35 2.30 0.00	34.00 2.43 0.00	37.31 2.63 0.00	39.81 2.85 0.00	40.34 3.09 0.00	45.22 3.31 0.00	55.62 3.83 0.00	70.55 4.37 0.00	75.03 4.25 0.00	71.79 3.80 0.00	58.59 2.79 0.00	45.43 2.33 0.00	38.76 1.78 0.00
LINDHRST_69_KV_BK1 356055	41.98 2.66 -5.15	33.39 2.64 -0.08	29.60 2.32 -0.01	28.46 2.18 0.00	29.34 2.20 0.00	31.89 2.39 -0.01	40.84 3.05 -0.54	46.56 3.50 -5.02	36.03 3.22 0.00	33.39 3.09 0.00	34.03 3.32 -0.01	34.29 3.23 -0.01	35.39 3.38 -0.44	42.52 3.64 -4.20	44.21 3.88 -3.37	51.14 4.06 -9.83	54.63 4.36 -8.36	65.18 5.33 -8.06	87.90 6.49 -15.23	80.83 6.79 -3.26	80.43 6.32 -6.13	68.16 4.85 -7.50	58.05 3.79 -11.15	46.01 3.11 -5.92
LIPA_MISC_IPP 23656	41.28 2.63 -4.49	33.38 2.64 -0.07	29.59 2.32 -0.01	28.46 2.18 0.00	29.34 2.20 0.00	31.95 2.45 -0.01	40.86 3.13 -0.48	46.03 3.50 -4.50	36.03 3.22 0.00	33.39 3.09 0.00	34.03 3.32 -0.01	34.29 3.23 -0.01	35.36 3.41 -0.39	41.91 3.57 -3.66	43.56 3.66 -2.94	49.65 3.84 -8.56	53.17 3.98 -7.28	63.83 5.02 -7.02	85.47 6.02 -13.26	80.20 6.58 -2.84	79.57 6.25 -5.34	67.14 4.80 -6.54	56.48 3.66 -9.71	45.14 3.00 -5.16

LISF__SOLAR 323691	41.25 2.59 -4.50	33.44 2.70 -0.07	29.68 2.40 -0.01	28.43 2.16 0.00	29.40 2.25 0.00	31.94 2.45 -0.01	40.93 3.20 -0.48	46.08 3.54 -4.50	36.07 3.25 0.00	33.42 3.12 0.00	34.06 3.35 -0.01	34.32 3.26 -0.01	35.33 3.38 -0.39	41.91 3.57 -3.67	43.60 3.70 -2.94	49.59 3.76 -8.58	53.22 4.02 -7.29	63.95 5.13 -7.03	85.62 6.16 -13.28	80.27 6.65 -2.84	79.79 6.46 -5.34	67.31 4.96 -6.55	56.62 3.79 -9.72	45.22 3.07 -5.16
LITTLE FALLS__HYD 24013	34.74 0.58 0.00	31.19 0.52 0.00	27.73 0.46 0.00	26.70 0.42 0.00	27.52 0.38 0.00	29.99 0.50 0.00	37.84 0.60 0.00	38.53 0.49 0.00	33.24 0.43 0.00	30.72 0.42 0.00	31.07 0.37 0.00	31.42 0.37 0.00	31.92 0.35 0.00	34.85 0.17 0.00	37.11 0.15 0.00	37.33 0.07 0.00	41.95 0.04 0.00	51.84 0.05 0.00	66.45 0.26 0.00	71.20 0.42 0.00	68.53 0.54 0.00	56.64 0.84 0.00	43.80 0.69 0.00	37.65 0.67 0.00
LITTLRIV_115KV_TB1 356100	34.50 0.34 0.00	30.91 0.25 0.00	27.40 0.14 0.00	26.43 0.16 0.00	27.28 0.14 0.00	29.76 0.27 0.00	37.51 0.26 0.00	37.92 -0.11 0.00	32.56 -0.26 0.00	29.97 -0.33 0.00	30.30 -0.40 0.00	30.68 -0.37 0.00	31.06 -0.51 0.00	34.15 -0.52 0.00	36.30 -0.67 0.00	36.43 -0.82 0.00	40.94 -0.96 0.00	50.87 -1.24 -0.32	65.34 -1.32 -0.48	70.27 -0.78 -0.27	67.69 -0.48 -0.19	55.73 -0.22 -0.15	42.72 -0.43 -0.04	36.58 -0.41 0.00
LI_NEWBRDGE__DRP 323616	40.22 1.84 -4.22	32.64 1.90 -0.07	28.97 1.69 -0.01	27.88 1.60 0.00	28.74 1.60 0.00	31.24 1.74 -0.01	39.90 2.20 -0.45	44.90 2.59 -4.28	35.28 2.46 0.00	32.72 2.42 0.00	33.32 2.61 -0.01	33.61 2.55 -0.01	34.58 2.65 -0.36	40.95 2.84 -3.44	42.75 3.03 -2.76	48.46 3.17 -8.04	52.06 3.31 -6.84	62.37 3.99 -6.59	83.27 4.63 -12.45	78.26 4.81 -2.66	77.41 4.42 -5.01	65.29 3.35 -6.14	54.94 2.72 -9.12	44.05 2.22 -4.84
LOCKPORT_115KV_TB60_63_64 80432	29.70 -4.44 0.02	26.26 -4.39 0.02	23.40 -3.84 0.02	22.63 -3.63 0.02	23.57 -3.56 0.02	25.29 -4.01 0.19	26.86 -4.32 6.07	30.52 -4.11 3.41	28.88 -3.74 0.19	26.86 -3.42 0.02	27.36 -3.35 0.00	27.80 -3.23 0.02	27.95 -3.60 0.02	29.65 -3.61 1.42	32.32 -3.77 0.87	32.21 -3.84 1.21	33.97 -4.27 3.67	41.83 -4.51 5.45	50.36 -5.56 10.27	55.18 -6.37 9.23	54.88 -6.39 6.71	44.00 -5.25 6.55	35.11 -4.53 3.47	33.05 -3.92 0.02
LOCKPORT__CC1 323769	30.07 -4.07 0.02	26.33 -4.32 0.02	23.43 -3.82 0.02	22.87 -3.39 0.02	23.62 -3.50 0.02	25.39 -3.89 0.20	26.42 -4.36 6.48	30.30 -4.11 3.63	28.94 -3.67 0.21	26.91 -3.36 0.02	27.42 -3.28 0.00	27.86 -3.17 0.02	28.14 -3.41 0.02	29.52 -3.41 1.51	32.23 -3.98 0.93	32.13 -3.84 1.28	34.09 -3.98 3.83	41.48 -4.56 5.75	49.77 -5.56 10.86	54.72 -6.37 9.69	54.56 -6.46 6.96	43.65 -5.30 6.85	34.81 -4.61 3.68	33.08 -3.88 0.02
LOCKPORT__CC2 323770	30.07 -4.07 0.02	26.33 -4.32 0.02	23.43 -3.82 0.02	22.87 -3.39 0.02	23.62 -3.50 0.02	25.39 -3.89 0.20	26.42 -4.36 6.48	30.30 -4.11 3.63	28.94 -3.67 0.21	26.91 -3.36 0.02	27.42 -3.28 0.00	27.86 -3.17 0.02	28.14 -3.41 0.02	29.52 -3.64 1.51	32.23 -3.81 0.93	32.13 -3.84 1.28	34.09 -3.98 3.83	41.48 -4.56 5.75	49.77 -5.56 10.86	54.72 -6.37 9.69	54.56 -6.46 6.96	43.65 -5.30 6.85	34.81 -4.61 3.68	33.08 -3.88 0.02
LOCKPORT__CC3 323771	30.07 -4.07 0.02	26.33 -4.32 0.02	23.43 -3.82 0.02	22.87 -3.39 0.02	23.62 -3.50 0.02	25.39 -3.89 0.20	26.42 -4.36 6.48	30.30 -4.11 3.63	28.94 -3.67 0.21	26.91 -3.36 0.02	27.42 -3.28 0.00	27.86 -3.17 0.02	28.14 -3.41 0.02	29.52 -3.64 1.51	32.23 -3.81 0.93	32.13 -3.84 1.28	34.09 -3.98 3.83	41.48 -4.56 5.75	49.77 -5.56 10.86	54.72 -6.37 9.69	54.56 -6.46 6.96	43.65 -5.30 6.85	34.81 -4.61 3.68	33.08 -3.88 0.02
LOCUSVLY_69_KV_BK2 55797	42.77 2.12 -6.49	32.89 2.12 -0.10	29.19 1.91 -0.01	28.06 1.79 0.00	28.91 1.76 0.00	31.42 1.92 -0.01	40.33 2.42 -0.66	47.01 2.85 -6.12	35.54 2.72 0.00	32.96 2.67 0.00	33.57 2.86 -0.01	33.86 2.79 -0.01	35.06 2.94 -0.56	43.12 3.16 -5.30	44.61 3.40 -4.25	53.22 3.58 -12.39	56.25 3.81 -10.53	66.45 4.51 -10.15	90.73 5.36 -19.19	80.33 5.45 -4.10	80.73 5.03 -7.72	69.05 3.79 -9.45	60.26 3.10 -14.05	46.96 2.52 -7.46
LONG_LAKE_PHOENIX 24014	33.10 -1.06 0.00	29.63 -1.04 0.00	26.34 -0.93 0.00	25.41 -0.87 0.00	26.30 -0.84 0.00	28.58 -0.91 0.00	36.13 -1.12 0.00	36.82 -1.22 0.00	31.80 -1.02 0.00	29.33 -0.97 0.00	29.72 -0.98 0.00	30.12 -0.93 0.00	30.59 -0.98 0.00	33.56 -1.11 0.00	35.78 -1.18 0.00	35.87 -1.38 0.00	40.96 -1.55 -0.61	54.20 -1.71 -4.12	69.95 -2.05 -5.82	72.90 -2.05 -4.17	69.32 -2.04 -3.37	56.97 -1.62 -2.79	42.42 -1.38 -0.69	36.02 -0.96 0.00
LOVETT__3 23632	35.42 1.26 0.00	32.02 1.35 0.00	28.50 1.23 0.00	27.41 1.13 0.00	28.23 1.09 0.00	30.64 1.15 0.00	38.70 1.45 0.00	39.86 1.83 0.00	34.66 1.84 0.00	32.15 1.85 0.00	32.70 2.00 0.00	32.95 1.89 0.00	33.62 2.05 0.00	36.93 2.25 0.00	39.40 2.44 0.00	39.90 2.64 0.00	44.80 2.89 0.00	55.15 3.37 0.00	70.22 4.04 0.00	74.74 3.96 0.00	71.59 3.60 0.00	58.42 2.62 0.00	45.26 2.16 0.00	38.61 1.63 0.00
LOVETT__4 23642	35.42 1.26 0.00	32.02 1.35 0.00	28.50 1.23 0.00	27.41 1.13 0.00	28.23 1.09 0.00	30.64 1.15 0.00	38.70 1.45 0.00	39.86 1.83 0.00	34.66 1.84 0.00	32.15 1.85 0.00	32.70 2.00 0.00	32.95 1.89 0.00	33.62 2.05 0.00	36.93 2.25 0.00	39.40 2.44 0.00	39.90 2.64 0.00	44.80 2.89 0.00	55.15 3.37 0.00	70.22 4.04 0.00	74.74 3.96 0.00	71.59 3.60 0.00	58.42 2.62 0.00	45.26 2.16 0.00	38.61 1.63 0.00
LOVETT__5 23593	35.42 1.26 0.00	32.02 1.35 0.00	28.50 1.23 0.00	27.41 1.13 0.00	28.23 1.09 0.00	30.64 1.15 0.00	38.70 1.45 0.00	39.86 1.83 0.00	34.66 1.84 0.00	32.15 1.85 0.00	32.70 2.00 0.00	32.95 1.89 0.00	33.62 2.05 0.00	36.93 2.25 0.00	39.40 2.44 0.00	39.90 2.64 0.00	44.80 2.89 0.00	55.15 3.37 0.00	70.22 4.04 0.00	74.74 3.96 0.00	71.59 3.60 0.00	58.42 2.62 0.00	45.26 2.16 0.00	38.61 1.63 0.00
LOWER RAQUET__HYD 24057	34.12 -0.03 0.00	30.58 -0.09 0.00	27.11 -0.16 0.00	26.15 -0.13 0.00	26.98 -0.16 0.00	29.40 -0.09 0.00	37.10 -0.15 0.00	37.58 -0.45 0.00	32.29 -0.53 0.00	29.72 -0.58 0.00	30.09 -0.61 0.00	30.49 -0.56 0.00	30.81 -0.76 0.00	33.84 -0.83 0.00	35.96 -1.00 0.00	36.06 -1.19 0.00	40.44 -1.47 0.00	50.28 -1.86 -0.35	64.45 -2.25 -0.52	69.17 -1.91 -0.30	66.49 -1.70 -0.20	54.74 -1.23 -0.16	41.99 -1.16 -0.04	36.02 -0.96 0.00
LOWER__HUDSON 24059	35.32 1.16 0.00	31.80 1.14 0.00	28.33 1.06 0.00	27.25 0.97 0.00	28.15 1.00 0.00	30.58 1.09 0.00	38.44 1.19 0.00	39.18 1.14 0.00	33.60 0.79 0.00	30.96 0.67 0.00	31.28 0.58 0.00	31.58 0.53 0.00	32.17 0.60 0.00	35.30 0.62 0.00	37.77 0.81 0.00	38.29 1.04 0.00	43.12 1.22 0.00	53.19 1.40 0.00	68.17 1.98 0.00	72.76 1.98 0.00	70.16 2.17 0.00	57.64 1.84 0.00	44.87 1.77 0.00	38.28 1.29 0.00

LOWVILLE_115KV_TB2 356335	34.60 0.44 0.00	30.94 0.28 0.00	27.51 0.25 0.00	26.54 0.26 0.00	27.36 0.22 0.00	29.87 0.38 0.00	37.66 0.41 0.00	38.00 -0.04 0.00	32.65 -0.16 0.00	30.06 -0.24 0.00	30.30 -0.40 0.00	30.74 -0.31 0.00	31.25 -0.32 0.00	34.33 -0.35 0.00	36.52 -0.44 0.00	36.77 -0.48 0.00	41.41 -0.50 0.00	52.14 -0.41 -0.76	67.57 0.26 -1.12	72.27 0.85 -0.64	69.38 0.95 -0.44	56.88 0.73 -0.35	43.16 -0.04 -0.10	36.87 -0.11 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	35.59 1.43 0.00	32.05 1.38 0.00	28.55 1.28 0.00	27.49 1.21 0.00	28.39 1.25 0.00	30.85 1.36 0.00	38.78 1.53 0.00	39.44 1.41 0.00	33.77 0.95 0.00	31.06 0.76 0.00	31.41 0.71 0.00	31.70 0.65 0.00	32.26 0.69 0.00	35.40 0.73 0.00	37.85 0.89 0.00	38.48 1.23 0.00	43.46 1.55 0.00	53.65 1.86 0.00	69.03 2.85 0.00	73.96 3.19 0.00	71.18 3.20 0.00	58.59 2.79 0.00	45.35 2.24 0.00	38.72 1.74 0.00
LUTHERNY_35_KV_BK2 355980	35.63 1.47 0.00	32.08 1.41 0.00	28.58 1.31 0.00	27.51 1.24 0.00	28.42 1.28 0.00	30.85 1.36 0.00	38.81 1.56 0.00	39.44 1.41 0.00	33.77 0.95 0.00	31.06 0.76 0.00	31.44 0.74 0.00	31.73 0.68 0.00	32.30 0.73 0.00	35.44 0.76 0.00	37.88 0.92 0.00	38.48 1.23 0.00	43.50 1.59 0.00	53.70 1.92 0.00	69.10 2.91 0.00	73.96 3.19 0.00	71.25 3.26 0.00	58.65 2.85 0.00	45.39 2.28 0.00	38.76 1.78 0.00
LWR__OSWEGATCHIE_HYD 23850	34.23 0.07 0.00	30.64 -0.03 0.00	27.19 -0.08 0.00	26.22 -0.05 0.00	27.06 -0.08 0.00	29.52 0.03 0.00	37.25 0.00 0.00	37.62 -0.42 0.00	32.33 -0.49 0.00	29.75 -0.55 0.00	30.06 -0.64 0.00	30.46 -0.59 0.00	30.87 -0.69 0.00	33.88 -0.80 0.00	36.04 -0.92 0.00	36.17 -1.08 0.00	40.65 -1.26 0.00	50.95 -1.50 -0.66	65.84 -1.32 -0.98	70.56 -0.78 -0.56	67.75 -0.61 -0.38	55.66 -0.45 -0.31	42.50 -0.69 -0.08	36.39 -0.59 0.00
LYONS_FALL_HYD 23570	34.57 0.41 0.00	30.94 0.28 0.00	27.51 0.24 0.00	26.54 0.26 0.00	27.36 0.22 0.00	29.84 0.36 0.00	37.66 0.41 0.00	38.08 0.04 0.00	32.75 -0.07 0.00	30.18 -0.12 0.00	30.45 -0.25 0.00	30.90 -0.15 0.00	31.44 -0.13 0.00	34.50 -0.17 0.00	36.78 -0.18 0.00	37.03 -0.22 0.00	41.74 -0.17 0.00	52.25 -0.10 -0.56	67.54 0.53 -0.83	72.32 1.06 -0.47	69.39 1.08 -0.32	56.95 0.89 -0.26	43.39 0.22 -0.07	37.13 0.15 0.00
MADISON__COUNTY_LFGE 323628	34.60 0.44 0.00	30.97 0.31 0.00	27.57 0.30 0.00	26.57 0.29 0.00	27.41 0.27 0.00	29.87 0.38 0.00	37.70 0.45 0.00	38.27 0.23 0.00	32.95 0.13 0.00	30.36 0.06 0.00	30.67 -0.03 0.00	31.11 0.06 0.00	31.66 0.09 0.00	34.81 0.14 0.00	37.11 0.15 0.00	37.36 0.11 0.00	41.93 0.21 0.19	52.83 0.52 -0.52	68.15 1.13 -0.84	72.63 1.63 -0.22	69.61 1.63 0.01	57.11 1.34 0.04	43.85 0.73 -0.02	37.58 0.59 0.00
MALONE__115KV_TB1 356076	34.53 0.38 0.00	30.94 0.28 0.00	27.38 0.11 0.00	26.41 0.13 0.00	27.28 0.14 0.00	29.73 0.24 0.00	37.62 0.37 0.00	38.27 0.23 0.00	32.95 0.13 0.00	30.36 0.06 0.00	30.76 0.06 0.00	31.18 0.12 0.00	31.60 0.03 0.00	34.81 0.14 0.00	37.00 0.04 0.00	37.29 0.04 0.00	41.99 0.08 0.00	51.74 -0.05 0.00	66.12 -0.07 0.00	70.92 0.14 0.00	68.19 0.20 0.00	55.97 0.17 0.00	43.02 -0.09 0.00	36.76 -0.22 0.00
MAPLEWOD_115KV_TB3 80458	35.22 1.06 0.00	31.71 1.04 0.00	28.25 0.98 0.00	27.20 0.92 0.00	28.04 0.90 0.00	30.43 0.94 0.00	38.18 0.93 0.00	38.91 0.87 0.00	33.41 0.59 0.00	30.81 0.52 0.00	31.16 0.46 0.00	31.45 0.40 0.00	32.04 0.47 0.00	35.16 0.49 0.00	37.59 0.63 0.00	38.14 0.89 0.00	43.00 1.09 0.00	52.93 1.14 0.00	67.84 1.65 0.00	72.48 1.70 0.00	69.82 1.84 0.00	57.31 1.51 0.00	44.57 1.47 0.00	38.06 1.07 0.00
MAPLE_RIDGE_WT_1 323574	34.06 -0.10 0.00	30.58 -0.09 0.00	27.19 -0.08 0.00	26.20 -0.08 0.00	27.06 -0.08 0.00	29.40 -0.09 0.00	37.14 -0.11 0.00	37.96 -0.08 0.00	32.75 -0.07 0.00	30.24 -0.06 0.00	30.64 -0.06 0.00	30.96 -0.09 0.00	31.44 -0.13 0.00	34.57 -0.10 0.00	36.81 -0.15 0.00	37.10 -0.15 0.00	41.74 -0.17 0.00	51.53 -0.26 0.00	65.79 -0.39 0.00	70.36 -0.42 0.00	67.37 -0.61 0.00	55.19 -0.61 0.00	42.54 -0.56 0.00	36.43 -0.55 0.00
MAPLE_RIDGE_WT_2 323611	34.06 -0.10 0.00	30.58 -0.09 0.00	27.19 -0.08 0.00	26.20 -0.08 0.00	27.06 -0.08 0.00	29.40 -0.09 0.00	37.14 -0.11 0.00	37.96 -0.08 0.00	32.75 -0.07 0.00	30.24 -0.06 0.00	30.64 -0.06 0.00	30.96 -0.09 0.00	31.44 -0.13 0.00	34.57 -0.10 0.00	36.81 -0.15 0.00	37.10 -0.15 0.00	41.74 -0.17 0.00	51.53 -0.26 0.00	65.79 -0.39 0.00	70.36 -0.42 0.00	67.37 -0.61 0.00	55.19 -0.61 0.00	42.54 -0.56 0.00	36.43 -0.55 0.00
MARBLE_RIVER_WT_PWR 323696	34.33 0.17 0.00	30.79 0.12 0.00	27.30 0.03 0.00	26.30 0.03 0.00	27.17 0.03 0.00	29.55 0.06 0.00	37.36 0.11 0.00	38.11 0.08 0.00	32.85 0.03 0.00	30.30 0.00 0.00	30.73 0.03 0.00	31.08 0.03 0.00	31.57 0.00 0.00	34.71 0.03 0.00	36.96 0.00 0.00	37.25 0.00 0.00	41.91 0.00 0.00	51.74 -0.05 0.00	65.99 -0.20 0.00	70.64 -0.14 0.00	67.78 -0.20 0.00	55.63 -0.17 0.00	42.85 -0.26 0.00	36.65 -0.33 0.00
MARSHVLE_115KV_TB1 80742	35.56 1.40 0.00	31.99 1.32 0.00	28.44 1.17 0.00	27.38 1.10 0.00	28.31 1.17 0.00	30.82 1.33 0.00	38.55 1.30 0.00	38.65 0.61 0.00	32.95 0.13 0.00	30.27 -0.03 0.00	30.58 -0.12 0.00	30.93 -0.12 0.00	31.44 -0.13 0.00	34.57 -0.10 0.00	36.78 -0.18 0.00	37.33 0.07 0.00	42.33 0.42 0.00	52.72 0.93 0.00	68.57 2.38 0.00	74.60 3.82 0.00	71.99 4.01 0.00	59.26 3.46 0.00	45.56 2.46 0.00	38.83 1.85 0.00
MARSH_HILL_WT_PWR 323713	32.31 -1.95 -0.10	28.93 -1.84 -0.10	25.65 -1.72 -0.10	24.77 -1.60 -0.10	25.75 -1.49 -0.10	29.18 -1.30 -0.99	68.49 -1.34 -32.58	54.58 -1.71 -18.25	32.20 -1.61 -0.99	28.67 -1.73 -0.10	28.83 -1.87 0.00	29.44 -1.71 -0.10	29.96 -1.71 -0.10	40.43 -1.80 -7.56	39.74 -1.85 -4.62	41.96 -1.71 -6.42	54.86 -1.59 -14.55	77.41 -1.14 -26.76	119.02 -0.73 -53.56	112.27 -0.14 -41.63	94.63 0.00 -26.64	82.32 -0.11 -26.63	59.26 -0.77 -16.93	36.01 -1.07 -0.10
MCINTYRE_115KV_TB2 80467	34.74 0.58 0.00	31.13 0.46 0.00	27.60 0.33 0.00	26.62 0.34 0.00	27.44 0.30 0.00	29.93 0.44 0.00	37.81 0.56 0.00	38.19 0.15 0.00	32.75 -0.07 0.00	30.15 -0.15 0.00	30.52 -0.18 0.00	30.86 -0.19 0.00	31.28 -0.28 0.00	34.43 -0.24 0.00	36.59 -0.37 0.00	36.80 -0.45 0.00	41.41 -0.50 0.00	51.12 -0.67 0.00	65.52 -0.66 0.00	70.78 0.00 0.00	68.26 0.27 0.00	56.25 0.45 0.00	43.23 0.13 0.00	37.02 0.04 0.00
MECO____69_KV_BK1 80468	35.94 1.78 0.00	32.32 1.66 0.00	28.77 1.50 0.00	27.70 1.42 0.00	28.64 1.49 0.00	31.14 1.65 0.00	39.00 1.75 0.00	39.10 1.07 0.00	33.18 0.36 0.00	30.39 0.09 0.00	30.70 0.00 0.00	30.99 -0.06 0.00	31.51 -0.06 0.00	34.64 -0.03 0.00	36.96 0.00 0.00	37.62 0.37 0.00	42.75 0.84 0.00	53.34 1.55 0.00	69.49 3.31 0.00	75.52 4.74 0.00	72.88 4.89 0.00	59.88 4.07 0.00	46.04 2.93 0.00	39.20 2.22 0.00

MENANDS__115KV_TB5 355628	35.08 0.92 0.00	31.59 0.92 0.00	28.17 0.90 0.00	27.12 0.84 0.00	27.96 0.81 0.00	30.34 0.86 0.00	37.99 0.74 0.00	38.76 0.72 0.00	33.31 0.49 0.00	30.72 0.42 0.00	31.07 0.37 0.00	31.36 0.31 0.00	31.95 0.38 0.00	35.06 0.38 0.00	37.48 0.52 0.00	38.00 0.75 0.00	42.79 0.88 0.00	52.67 0.88 0.00	67.44 1.26 0.00	71.98 1.20 0.00	69.34 1.36 0.00	56.97 1.17 0.00	44.36 1.25 0.00	37.87 0.89 0.00
MG INDUSTRY__DRP 24185	35.01 0.85 0.00	31.53 0.86 0.00	28.06 0.79 0.00	27.01 0.74 0.00	27.88 0.73 0.00	30.26 0.77 0.00	37.96 0.71 0.00	38.65 0.61 0.00	33.18 0.36 0.00	30.57 0.27 0.00	30.98 0.28 0.00	31.27 0.22 0.00	31.82 0.25 0.00	34.95 0.28 0.00	37.33 0.37 0.00	37.81 0.56 0.00	42.58 0.67 0.00	52.51 0.73 0.00	67.38 1.19 0.00	72.12 1.34 0.00	69.48 1.50 0.00	57.09 1.28 0.00	44.31 1.21 0.00	37.87 0.89 0.00
MID__OSWEGATCHIE_HYD 23849	34.23 0.07 0.00	30.64 -0.03 0.00	27.19 -0.08 0.00	26.22 -0.05 0.00	27.06 -0.08 0.00	29.52 0.03 0.00	37.25 0.00 0.00	37.62 -0.42 0.00	32.33 -0.49 0.00	29.75 -0.55 0.00	30.06 -0.64 0.00	30.46 -0.59 0.00	30.87 -0.69 0.00	33.88 -0.80 0.00	36.04 -0.92 0.00	36.17 -1.08 0.00	40.65 -1.26 0.00	50.95 -1.50 -0.66	65.84 -1.32 -0.98	70.56 -0.78 -0.56	67.75 -0.61 -0.38	55.66 -0.45 -0.31	42.50 -0.69 -0.08	36.39 -0.59 0.00
MID__RAQUETTE_HYD 23851	34.12 -0.03 0.00	30.58 -0.09 0.00	27.10 -0.16 0.00	26.15 -0.13 0.00	26.98 -0.16 0.00	29.40 -0.09 0.00	37.10 -0.15 0.00	37.58 -0.46 0.00	32.29 -0.53 0.00	29.72 -0.58 0.00	30.09 -0.61 0.00	30.49 -0.56 0.00	30.81 -0.76 0.00	33.84 -0.83 0.00	35.96 -1.00 0.00	36.06 -1.19 0.00	40.44 -1.47 0.00	50.27 -1.86 -0.35	64.45 -2.25 -0.52	69.16 -1.91 -0.30	66.49 -1.70 -0.20	54.74 -1.23 -0.16	41.99 -1.16 -0.04	36.02 -0.96 0.00
MILLIKEN__1 23584	34.10 -0.07 -0.01	30.58 -0.09 -0.01	27.14 -0.14 -0.01	26.15 -0.13 -0.01	27.10 -0.05 -0.01	29.60 0.03 -0.08	40.12 0.11 -2.76	39.54 -0.04 -1.54	32.80 -0.10 -0.08	30.09 -0.21 -0.01	30.39 -0.31 0.00	30.84 -0.22 -0.01	31.36 -0.22 -0.01	35.07 -0.24 -0.63	37.13 -0.22 -0.39	37.57 -0.22 -0.54	42.89 -0.13 -1.11	55.62 0.31 -3.52	73.44 0.79 -6.46	76.46 1.20 -4.47	71.90 1.09 -2.83	59.43 0.95 -2.68	45.10 0.43 -1.57	37.29 0.30 -0.01
MILLIKEN__2 23585	34.10 -0.07 -0.01	30.58 -0.09 -0.01	27.14 -0.14 -0.01	26.15 -0.13 -0.01	27.10 -0.05 -0.01	29.60 0.03 -0.08	40.12 0.11 -2.76	39.54 -0.04 -1.54	32.80 -0.10 -0.08	30.09 -0.21 -0.01	30.39 -0.31 0.00	30.84 -0.22 -0.01	31.36 -0.22 -0.01	35.07 -0.24 -0.63	37.13 -0.22 -0.39	37.57 -0.22 -0.54	42.89 -0.13 -1.11	55.62 0.31 -3.52	73.44 0.79 -6.46	76.46 1.20 -4.47	71.90 1.09 -2.83	59.43 0.95 -2.68	45.10 0.43 -1.57	37.29 0.30 -0.01
MILLIKEN__DIESEL 23629	34.10 -0.07 -0.01	30.58 -0.09 -0.01	27.14 -0.14 -0.01	26.15 -0.13 -0.01	27.10 -0.05 -0.01	29.60 0.03 -0.08	40.12 0.11 -2.76	39.54 -0.04 -1.54	32.80 -0.10 -0.08	30.09 -0.21 -0.01	30.39 -0.31 0.00	30.84 -0.22 -0.01	31.36 -0.22 -0.01	35.07 -0.24 -0.63	37.13 -0.22 -0.39	37.57 -0.22 -0.54	42.89 -0.13 -1.11	55.62 0.31 -3.52	73.44 0.79 -6.46	76.46 1.20 -4.47	71.90 1.09 -2.83	59.43 0.95 -2.68	45.10 0.43 -1.57	37.29 0.30 -0.01
MILLSEAT__LFGE 323607	30.73 -3.42 0.02	26.88 -3.77 0.02	23.90 -3.36 0.02	23.37 -2.89 0.02	24.14 -2.99 0.02	25.99 -3.33 0.16	28.38 -3.61 5.26	31.66 -3.42 2.95	29.56 -3.09 0.17	27.43 -2.85 0.02	27.91 -2.79 0.00	28.36 -2.67 0.02	28.68 -2.87 0.02	30.39 -3.05 1.23	33.03 -3.18 0.75	33.00 -3.20 1.05	35.38 -3.23 3.30	43.47 -3.52 4.80	53.27 -3.97 8.95	57.98 -4.60 8.20	57.22 -4.69 6.07	46.01 -3.91 5.89	36.39 -3.66 3.05	33.86 -3.11 0.02
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.53 1.37 0.00	32.11 1.44 0.00	28.55 1.28 0.00	27.49 1.21 0.00	28.31 1.17 0.00	30.73 1.24 0.00	38.81 1.56 0.00	39.98 1.94 0.00	34.75 1.94 0.00	32.24 1.94 0.00	32.79 2.09 0.00	33.04 1.99 0.00	33.68 2.12 0.00	37.00 2.32 0.00	39.47 2.51 0.00	40.01 2.76 0.00	44.93 3.02 0.00	55.31 3.52 0.00	70.42 4.24 0.00	75.03 4.25 0.00	71.79 3.81 0.00	58.59 2.79 0.00	45.39 2.28 0.00	38.72 1.74 0.00
MILLWOOD_13_KV_LOAD 356217	35.59 1.43 0.00	32.17 1.50 0.00	28.60 1.34 0.00	27.54 1.26 0.00	28.36 1.22 0.00	30.79 1.30 0.00	38.89 1.64 0.00	40.05 2.02 0.00	34.82 2.00 0.00	32.30 2.00 0.00	32.85 2.15 0.00	33.10 2.05 0.00	33.75 2.18 0.00	37.07 2.39 0.00	39.55 2.59 0.00	40.08 2.83 0.00	45.01 3.10 0.00	55.47 3.68 0.00	70.62 4.43 0.00	75.24 4.46 0.00	71.99 4.01 0.00	58.76 2.96 0.00	45.48 2.37 0.00	38.80 1.81 0.00
MODEL_CITY_ENERGY 24167	29.70 -4.44 0.02	25.96 -4.69 0.02	23.10 -4.14 0.02	22.58 -3.68 0.02	23.32 -3.80 0.02	25.07 -4.22 0.20	26.31 -4.58 6.36	30.13 -4.34 3.57	28.57 -4.04 0.21	26.58 -3.70 0.02	27.11 -3.59 0.00	27.52 -3.51 0.02	27.79 -3.76 0.02	29.34 -3.85 1.49	32.02 -4.03 0.92	31.84 -4.14 1.27	33.86 -4.23 3.81	41.10 -4.97 5.72	49.16 -6.22 10.80	53.95 -7.15 9.68	53.51 -7.21 7.27	43.24 -5.75 6.82	34.57 -4.92 3.62	32.68 -4.29 0.02
MODERN_LFGE__ 323580	29.70 -4.44 0.02	25.96 -4.69 0.02	23.10 -4.14 0.02	22.58 -3.68 0.02	23.32 -3.80 0.02	25.07 -4.22 0.20	26.31 -4.58 6.36	30.13 -4.34 3.57	28.57 -4.04 0.21	26.58 -3.70 0.02	27.11 -3.59 0.00	27.52 -3.51 0.02	27.79 -3.76 0.02	29.34 -3.85 1.49	32.02 -4.03 0.92	31.84 -4.14 1.27	33.86 -4.23 3.81	41.10 -4.97 5.72	49.16 -6.22 10.80	53.95 -7.15 9.68	53.51 -7.21 7.27	43.24 -5.75 6.82	34.57 -4.92 3.62	32.68 -4.29 0.02
MOHAWK_PAPER__DRP 24187	35.22 1.06 0.00	31.71 1.04 0.00	28.25 0.98 0.00	27.20 0.92 0.00	28.04 0.90 0.00	30.43 0.94 0.00	38.18 0.93 0.00	38.91 0.87 0.00	33.41 0.59 0.00	30.81 0.52 0.00	31.16 0.46 0.00	31.45 0.40 0.00	32.04 0.47 0.00	35.16 0.49 0.00	37.59 0.63 0.00	38.14 0.89 0.00	43.00 1.09 0.00	52.93 1.14 0.00	67.84 1.65 0.00	72.48 1.70 0.00	69.82 1.84 0.00	57.31 1.51 0.00	44.57 1.47 0.00	38.06 1.07 0.00
MOHICAN__35_KV_115KV_LD 80490	35.83 1.67 0.00	32.29 1.63 0.00	28.85 1.58 0.00	27.77 1.50 0.00	28.69 1.55 0.00	31.17 1.68 0.00	39.19 1.94 0.00	39.75 1.71 0.00	33.97 1.15 0.00	31.21 0.91 0.00	31.56 0.86 0.00	31.86 0.81 0.00	32.42 0.85 0.00	35.58 0.90 0.00	38.03 1.07 0.00	38.74 1.49 0.00	43.92 2.01 0.00	54.07 2.28 0.00	69.82 3.64 0.00	74.88 4.11 0.00	72.06 4.08 0.00	59.54 3.74 0.00	45.95 2.84 0.00	39.28 2.29 0.00
MONGAUP__HYD 23641	35.11 0.96 0.00	31.74 1.07 0.00	28.25 0.98 0.00	27.12 0.84 0.00	27.99 0.84 0.00	30.37 0.88 0.00	38.40 1.16 0.00	39.37 1.33 0.00	34.10 1.28 0.00	31.54 1.24 0.00	32.02 1.32 0.00	32.32 1.27 0.00	32.93 1.36 0.00	36.27 1.60 0.00	38.70 1.74 0.00	39.19 1.94 0.00	44.04 2.14 0.00	54.63 2.85 0.00	70.02 3.84 0.00	74.74 3.96 0.00	71.65 3.67 0.00	58.48 2.68 0.00	45.13 2.03 0.00	38.50 1.52 0.00

MONTAUK___DIESEL 23721	41.69 3.04 -4.49	33.81 3.07 -0.07	30.06 2.78 -0.01	28.83 2.55 0.00	29.78 2.63 0.00	32.54 3.04 -0.01	41.68 3.95 -0.48	46.91 4.37 -4.50	36.89 4.07 0.00	34.24 3.94 0.00	35.01 4.30 -0.01	35.31 4.25 -0.01	36.44 4.48 -0.39	43.09 4.75 -3.66	44.78 4.88 -2.94	50.88 5.07 -8.57	54.68 5.49 -7.28	65.85 7.04 -7.02	88.12 8.67 -13.27	82.75 9.13 -2.84	81.82 8.50 -5.34	68.93 6.58 -6.54	57.43 4.61 -9.71	45.81 3.66 -5.16
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.06 -3.07 0.02	28.01 -2.64 0.02	24.79 -2.45 0.02	23.89 -2.36 0.02	24.70 -2.42 0.02	26.97 -2.27 0.25	26.93 -2.38 7.93	31.38 -2.21 4.45	30.87 -1.71 0.24	28.52 -1.76 0.02	28.77 -1.93 0.00	29.16 -1.86 0.02	29.81 -1.74 0.02	30.91 -1.91 1.85	33.87 -1.96 1.14	33.81 -1.86 1.58	35.62 -1.84 4.44	43.32 -1.55 6.91	51.17 -1.79 13.23	57.28 -2.12 11.37	58.53 -2.31 7.14	45.33 -2.51 7.96	36.11 -2.59 4.41	34.11 -2.85 0.02
MORRIS_RIDGE___SOLAR 323848	31.74 -2.32 0.10	28.36 -2.21 0.10	25.13 -2.05 0.10	24.29 -1.89 0.10	25.20 -1.85 0.10	26.74 -1.77 0.99	2.97 -2.01 32.26	17.64 -2.32 18.08	29.70 -2.13 0.98	28.05 -2.15 0.10	28.43 -2.27 0.00	28.81 -2.14 0.10	29.29 -2.18 0.10	24.84 -2.32 7.51	29.97 -2.40 4.59	28.53 -2.35 6.37	24.06 -2.35 15.50	23.34 -2.28 26.18	11.85 -2.32 52.02	26.79 -1.91 42.08	38.96 -1.70 27.32	26.46 -1.56 27.78	24.31 -1.77 17.02	35.11 -1.77 0.10
MORTIMER_115KV_TB3 55949	31.76 -2.39 0.00	28.06 -2.61 0.00	25.06 -2.21 0.00	24.25 -2.02 0.00	25.27 -1.87 0.00	27.15 -2.30 0.04	33.13 -2.76 1.36	34.65 -2.62 0.76	30.71 -2.07 0.04	28.48 -1.82 0.00	29.01 -1.69 0.00	29.49 -1.55 0.00	29.64 -1.93 0.00	32.07 -2.29 0.32	34.40 -2.37 0.19	34.60 -2.38 0.27	37.86 -2.51 1.53	47.44 -2.69 1.65	60.57 -2.98 2.64	64.27 -3.26 3.26	61.66 -3.40 2.92	50.19 -2.90 2.71	39.28 -2.80 1.03	35.09 -1.89 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.70 1.54 0.00	32.26 1.59 0.00	28.74 1.47 0.00	27.67 1.39 0.00	28.47 1.33 0.00	30.88 1.39 0.00	38.96 1.71 0.00	40.21 2.17 0.00	35.02 2.20 0.00	32.54 2.24 0.00	33.10 2.39 0.00	33.35 2.30 0.00	34.03 2.46 0.00	37.34 2.67 0.00	39.81 2.85 0.00	40.34 3.09 0.00	45.30 3.39 0.00	55.72 3.94 0.00	70.82 4.63 0.00	75.38 4.60 0.00	72.13 4.15 0.00	58.87 3.07 0.00	45.61 2.50 0.00	38.91 1.92 0.00
MUNSVILLE_WIND_PWR 323609	35.33 1.16 -0.01	31.63 0.95 -0.01	28.12 0.85 -0.01	27.10 0.82 -0.01	27.99 0.84 -0.01	30.76 1.21 -0.06	40.57 1.42 -1.91	40.06 0.95 -1.07	33.49 0.62 -0.05	30.70 0.39 -0.01	30.82 0.12 0.00	31.30 0.25 -0.01	31.89 0.32 -0.01	35.53 0.45 -0.41	37.73 0.52 -0.25	38.12 0.52 -0.35	43.40 0.84 -0.65	55.64 1.61 -2.24	73.84 3.31 -4.35	78.26 4.53 -2.95	74.29 4.49 -1.82	61.21 3.68 -1.72	46.44 2.28 -1.06	38.73 1.74 -0.01
N SALMON___HYD 24042	34.54 0.38 0.00	30.94 0.28 0.00	27.38 0.11 0.00	26.41 0.13 0.00	27.28 0.14 0.00	29.72 0.23 0.00	37.62 0.37 0.00	38.27 0.23 0.00	32.95 0.13 0.00	30.36 0.06 0.00	30.76 0.06 0.00	31.18 0.12 0.00	31.60 0.03 0.00	34.81 0.14 0.00	37.00 0.04 0.00	37.29 0.04 0.00	41.99 0.08 0.00	51.74 -0.05 0.00	66.12 -0.07 0.00	70.92 0.14 0.00	68.19 0.20 0.00	55.97 0.17 0.00	43.02 -0.09 0.00	36.76 -0.22 0.00
N.AKRON__115KV_KNAPP 355671	30.38 -3.76 0.02	26.82 -3.83 0.02	23.90 -3.35 0.02	23.13 -3.13 0.02	24.11 -3.01 0.02	25.87 -3.45 0.17	28.12 -3.69 5.44	31.52 -3.46 3.05	29.53 -3.12 0.17	27.40 -2.88 0.02	27.88 -2.82 0.00	28.33 -2.70 0.02	28.49 -3.06 0.02	30.32 -3.09 1.27	32.96 -3.22 0.78	32.93 -3.24 1.08	34.96 -3.56 3.38	43.22 -3.63 4.94	52.84 -4.10 9.24	57.60 -4.74 8.43	56.94 -4.83 6.22	45.75 -4.02 6.04	36.26 -3.71 3.14	33.79 -3.18 0.02
N.BELMOR_69_KV_BK1 55787	42.42 2.15 -6.11	32.91 2.15 -0.10	29.19 1.91 -0.01	28.09 1.81 0.00	28.93 1.79 0.00	31.42 1.92 -0.01	40.29 2.42 -0.62	46.67 2.85 -5.78	35.51 2.69 0.00	32.93 2.64 0.00	33.54 2.82 -0.01	33.83 2.76 -0.01	34.97 2.87 -0.52	42.78 3.12 -4.98	44.29 3.33 -4.00	52.41 3.50 -11.66	55.51 3.69 -9.91	65.80 4.45 -9.56	89.60 5.36 -18.06	80.16 5.52 -3.86	80.35 5.10 -7.26	68.55 3.85 -8.90	59.43 3.10 -13.22	46.52 2.52 -7.02
N.E._GEN_SANDY PD 24062	36.30 1.23 -0.91	33.80 1.26 -1.87	29.00 1.15 -0.59	29.30 1.05 -1.97	29.51 1.06 -1.31	30.61 1.12 0.00	38.14 1.30 0.41	39.86 1.41 -0.41	33.93 1.12 0.00	31.33 1.03 0.00	31.65 0.95 0.00	31.95 0.90 0.00	32.55 0.98 0.00	35.75 1.08 0.00	38.25 1.29 0.00	38.74 1.49 0.00	43.50 1.59 0.00	53.60 1.81 0.00	68.50 2.32 0.00	72.90 2.12 0.00	70.36 2.38 0.00	57.70 1.90 0.00	45.00 1.89 0.00	38.35 1.37 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.46 1.30 0.00	32.02 1.35 0.00	28.50 1.23 0.00	27.41 1.13 0.00	28.23 1.09 0.00	30.67 1.18 0.00	38.74 1.49 0.00	39.90 1.86 0.00	34.66 1.84 0.00	32.15 1.85 0.00	32.70 2.00 0.00	32.95 1.89 0.00	33.59 2.02 0.00	36.93 2.25 0.00	39.40 2.44 0.00	39.93 2.68 0.00	44.84 2.93 0.00	55.26 3.47 0.00	70.35 4.17 0.00	74.88 4.11 0.00	71.72 3.74 0.00	58.54 2.73 0.00	45.30 2.20 0.00	38.65 1.66 0.00
N.QUEENS_27_KV_LOAD 356247	35.94 1.78 0.00	32.63 1.96 0.00	29.04 1.77 0.00	27.96 1.68 0.00	28.80 1.66 0.00	31.14 1.65 0.00	38.81 1.56 0.00	39.90 1.86 0.00	34.75 1.94 0.00	32.33 2.03 0.00	32.91 2.21 0.00	33.13 2.08 0.00	33.81 2.24 0.00	37.10 2.43 0.00	39.55 2.59 0.00	40.08 2.83 0.00	45.01 3.10 0.00	55.36 3.57 0.00	70.55 4.37 0.00	75.10 4.32 0.00	71.79 3.81 0.00	58.54 2.73 0.00	45.56 2.46 0.00	39.06 2.07 0.00
N.TROY___115KV_TB1 355778	35.35 1.20 0.00	31.80 1.13 0.00	28.33 1.06 0.00	27.28 1.00 0.00	28.15 1.00 0.00	30.58 1.09 0.00	38.44 1.19 0.00	39.18 1.14 0.00	33.61 0.79 0.00	30.97 0.67 0.00	31.28 0.58 0.00	31.58 0.53 0.00	32.17 0.60 0.00	35.30 0.62 0.00	37.77 0.81 0.00	38.29 1.04 0.00	43.17 1.26 0.00	53.19 1.40 0.00	68.17 1.99 0.00	72.76 1.98 0.00	70.16 2.18 0.00	57.64 1.84 0.00	44.83 1.72 0.00	38.28 1.29 0.00
NARROWS_GT1_1 24228	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
NARROWS_GT1_2 24229	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01

NARROWS_GT1_3 24230	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
NARROWS_GT1_4 24231	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
NARROWS_GT1_5 24232	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
NARROWS_GT1_6 24233	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
NARROWS_GT1_7 24234	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
NARROWS_GT1_8 24235	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
NARROWS_GT2_1 24236	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
NARROWS_GT2_2 24237	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
NARROWS_GT2_3 24238	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
NARROWS_GT2_4 24239	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
NARROWS_GT2_5 24240	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
NARROWS_GT2_6 24241	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
NARROWS_GT2_7 24242	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
NARROWS_GT2_8 24243	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.62 4.63 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	35.22 1.06 0.00	31.71 1.04 0.00	28.25 0.98 0.00	27.20 0.92 0.00	28.01 0.87 0.00	30.40 0.91 0.00	38.11 0.86 0.00	38.68 0.65 0.00	33.11 0.30 0.00	30.42 0.12 0.00	30.79 0.09 0.00	31.08 0.03 0.00	31.66 0.09 0.00	34.88 0.21 0.00	37.29 0.33 0.00	37.81 0.56 0.00	42.70 0.80 0.00	52.93 1.14 0.00	68.30 2.12 0.00	73.19 2.41 0.00	70.43 2.45 0.00	57.92 2.12 0.00	44.87 1.77 0.00	38.32 1.33 0.00

NCHELSEA_115KV_TR2 355582	35.56 1.40 0.00	32.08 1.41 0.00	28.55 1.28 0.00	27.46 1.18 0.00	28.28 1.14 0.00	30.73 1.24 0.00	38.81 1.56 0.00	39.83 1.79 0.00	34.56 1.74 0.00	31.96 1.67 0.00	32.48 1.78 0.00	32.73 1.68 0.00	33.40 1.83 0.00	36.79 2.12 0.00	39.25 2.29 0.00	39.82 2.57 0.00	44.80 2.89 0.00	55.36 3.57 0.00	70.75 4.57 0.00	75.38 4.60 0.00	72.13 4.15 0.00	58.87 3.07 0.00	45.52 2.41 0.00	38.83 1.85 0.00
NEG CAPITAL___MECHNVIL 23645	35.63 1.47 0.00	32.11 1.44 0.00	28.60 1.34 0.00	27.51 1.24 0.00	28.45 1.30 0.00	30.88 1.39 0.00	38.85 1.60 0.00	39.52 1.48 0.00	33.84 1.02 0.00	31.12 0.82 0.00	31.47 0.77 0.00	31.77 0.71 0.00	32.33 0.76 0.00	35.47 0.80 0.00	37.92 0.96 0.00	38.55 1.30 0.00	43.54 1.63 0.00	53.76 1.97 0.00	69.17 2.98 0.00	74.11 3.33 0.00	71.38 3.40 0.00	58.70 2.90 0.00	45.47 2.37 0.00	38.80 1.81 0.00
NEG CENTRAL_HIGH_ACRES 23767	31.83 -2.32 0.00	27.97 -2.70 0.00	24.92 -2.35 0.00	24.28 -2.00 0.00	25.10 -2.04 0.00	27.09 -2.36 0.04	33.12 -2.91 1.22	34.46 -2.89 0.69	30.48 -2.30 0.04	28.23 -2.06 0.00	28.74 -1.97 0.00	29.19 -1.86 0.00	29.51 -2.05 0.00	31.86 -2.53 0.29	34.12 -2.66 0.17	34.33 -2.68 0.24	37.66 -2.85 1.39	47.13 -3.16 1.49	60.23 -3.58 2.38	63.93 -3.89 2.95	61.29 -4.01 2.69	50.00 -3.35 2.46	39.08 -3.10 0.93	34.80 -2.18 0.00
NEG CENTRAL___DRP 24199	33.80 -0.38 -0.02	30.29 -0.40 -0.02	26.88 -0.41 -0.02	25.90 -0.39 -0.02	26.86 -0.30 -0.02	29.52 -0.15 -0.18	43.09 -0.04 -5.88	41.10 -0.23 -3.29	32.73 -0.26 -0.18	29.92 -0.39 -0.02	30.21 -0.49 0.00	30.73 -0.34 -0.02	31.24 -0.35 -0.02	35.69 -0.35 -1.36	37.46 -0.33 -0.83	38.11 -0.30 -1.16	44.44 -0.17 -2.70	58.71 0.36 -6.56	79.31 0.93 -12.20	81.20 1.34 -9.08	75.17 1.22 -5.96	62.54 1.00 -5.73	46.75 0.34 -3.30	37.15 0.15 -0.02
NEG CENTRAL___INDECK 23768	32.87 -1.37 -0.08	29.03 -1.72 -0.08	25.79 -1.55 -0.08	25.12 -1.23 -0.08	26.03 -1.19 -0.08	29.12 -1.18 -0.81	62.53 -1.34 -26.62	51.31 -1.63 -14.91	32.08 -1.54 -0.81	28.80 -1.58 -0.08	29.07 -1.63 0.00	29.70 -1.43 -0.08	30.13 -1.51 -0.08	39.05 -1.80 -6.18	38.89 -1.85 -3.78	40.75 -1.75 -5.25	51.88 -1.64 -11.60	71.83 -1.14 -21.19	108.65 0.28 -42.86	104.16 0.27 -33.10	89.14 0.27 -20.88	76.94 0.11 -21.03	56.00 -0.77 -13.67	36.40 -0.66 -0.08
NEG CENTRAL___SENECA 23627	33.98 -0.20 -0.03	30.45 -0.25 -0.03	26.97 -0.33 -0.03	26.02 -0.29 -0.03	27.01 -0.16 -0.03	29.84 0.06 -0.29	47.09 0.34 -9.51	43.44 0.08 -5.33	33.04 -0.07 -0.29	30.05 -0.27 -0.03	30.24 -0.46 0.00	30.83 -0.25 -0.03	31.38 -0.22 -0.03	36.74 -0.14 -2.20	38.20 -0.11 -1.35	39.08 -0.04 -1.87	46.36 0.25 -4.20	61.97 1.09 -9.09	85.66 1.92 -17.56	86.53 2.55 -13.21	78.85 2.38 -8.49	66.02 1.90 -8.33	49.11 0.91 -5.10	37.49 0.48 -0.03
NEG CENTRAL___STATE_STREET 24147	33.65 -0.51 -0.01	30.12 -0.55 -0.01	26.76 -0.52 -0.01	25.81 -0.47 -0.01	26.74 -0.41 -0.01	29.13 -0.41 -0.06	38.75 -0.41 -1.91	38.58 -0.53 -1.07	32.42 -0.46 -0.06	29.82 -0.48 -0.01	30.18 -0.52 0.00	30.62 -0.43 -0.01	31.10 -0.47 -0.01	34.60 -0.52 -0.44	36.68 -0.55 -0.27	37.03 -0.60 -0.38	42.20 -0.59 -0.88	54.90 -0.31 -3.43	71.99 -0.07 -5.87	75.03 0.21 -4.04	70.72 0.07 -2.67	58.38 0.11 -2.46	44.13 -0.22 -1.24	36.84 -0.15 -0.01
NEG MILLWOOD___DRP 24198	35.73 1.57 0.00	32.23 1.56 0.00	28.69 1.42 0.00	27.62 1.34 0.00	28.45 1.30 0.00	30.88 1.39 0.00	39.04 1.79 0.00	40.40 2.36 0.00	35.15 2.33 0.00	32.60 2.30 0.00	33.16 2.46 0.00	33.44 2.39 0.00	33.94 2.37 0.00	37.34 2.67 0.00	39.99 3.03 0.00	40.12 2.87 0.00	45.13 3.23 0.00	55.72 3.94 0.00	71.21 5.03 0.00	75.87 5.10 0.00	72.47 4.49 0.00	59.21 3.40 0.00	45.73 2.63 0.00	38.98 2.00 0.00
NEG NORTH_FLCN_SEA 23793	34.64 0.48 0.00	31.07 0.40 0.00	27.51 0.25 0.00	26.54 0.26 0.00	27.41 0.27 0.00	29.81 0.32 0.00	37.73 0.48 0.00	38.46 0.42 0.00	33.15 0.33 0.00	30.57 0.27 0.00	31.01 0.31 0.00	31.36 0.31 0.00	31.85 0.28 0.00	35.06 0.38 0.00	37.29 0.33 0.00	37.62 0.37 0.00	42.37 0.46 0.00	52.25 0.47 0.00	66.65 0.46 0.00	71.34 0.57 0.00	68.53 0.54 0.00	56.25 0.45 0.00	43.28 0.17 0.00	36.99 0.00 0.00
NEG NORTH_KES_CHATEGAY 23792	34.40 0.24 0.00	30.85 0.18 0.00	27.35 0.08 0.00	26.36 0.08 0.00	27.22 0.08 0.00	29.61 0.12 0.00	37.44 0.19 0.00	38.15 0.11 0.00	32.85 0.03 0.00	30.30 0.00 0.00	30.70 0.00 0.00	31.05 0.00 0.00	31.54 -0.03 0.00	34.67 0.00 0.00	36.92 -0.04 0.00	37.21 -0.04 0.00	41.91 0.00 0.00	51.74 -0.05 0.00	66.05 -0.13 0.00	70.78 0.00 0.00	67.98 0.00 0.00	55.75 -0.06 0.00	42.93 -0.17 0.00	36.69 -0.30 0.00
NEG NORTH___ALICE_FALLS 23915	34.77 0.61 0.00	31.16 0.49 0.00	27.54 0.27 0.00	26.57 0.29 0.00	27.47 0.33 0.00	29.90 0.41 0.00	37.92 0.67 0.00	38.57 0.53 0.00	33.18 0.36 0.00	30.54 0.24 0.00	30.95 0.25 0.00	31.36 0.31 0.00	31.82 0.25 0.00	35.12 0.45 0.00	37.33 0.37 0.00	37.66 0.41 0.00	42.54 0.63 0.00	52.46 0.67 0.00	66.98 0.79 0.00	71.91 1.13 0.00	69.14 1.16 0.00	56.69 0.89 0.00	43.58 0.47 0.00	37.13 0.15 0.00
NEG NORTH___LWR_SARANAC 23913	34.77 0.61 0.00	31.16 0.49 0.00	27.54 0.27 0.00	26.57 0.29 0.00	27.47 0.33 0.00	29.90 0.41 0.00	37.92 0.67 0.00	38.57 0.53 0.00	33.18 0.36 0.00	30.54 0.24 0.00	30.95 0.25 0.00	31.36 0.31 0.00	31.82 0.25 0.00	35.12 0.45 0.00	37.33 0.37 0.00	37.66 0.41 0.00	42.54 0.63 0.00	52.46 0.67 0.00	66.98 0.79 0.00	71.91 1.13 0.00	69.14 1.16 0.00	56.69 0.89 0.00	43.58 0.47 0.00	37.13 0.15 0.00
NEG NORTH___PLATTSBURG 23628	34.81 0.65 0.00	31.16 0.49 0.00	27.54 0.27 0.00	26.57 0.29 0.00	27.47 0.33 0.00	29.93 0.44 0.00	37.92 0.67 0.00	38.57 0.53 0.00	33.18 0.36 0.00	30.54 0.24 0.00	30.95 0.24 0.00	31.36 0.31 0.00	31.82 0.25 0.00	35.12 0.45 0.00	37.33 0.37 0.00	37.66 0.41 0.00	42.49 0.59 0.00	52.46 0.67 0.00	66.98 0.80 0.00	71.91 1.13 0.00	69.14 1.15 0.00	56.69 0.89 0.00	43.58 0.48 0.00	37.13 0.15 0.00
NEG WEST_LEA_LOCKPORT 23791	29.77 -4.37 0.02	26.32 -4.32 0.02	23.46 -3.79 0.02	22.68 -3.57 0.02	23.62 -3.50 0.02	25.34 -3.95 0.20	26.42 -4.36 6.48	30.30 -4.11 3.63	28.94 -3.68 0.21	26.92 -3.36 0.02	27.42 -3.29 0.00	27.86 -3.17 0.02	28.01 -3.54 0.02	29.52 -3.64 1.51	32.23 -3.81 0.93	32.13 -3.84 1.28	33.80 -4.27 3.83	41.48 -4.56 5.75	49.77 -5.56 10.86	54.72 -6.37 9.69	54.63 -6.39 6.96	43.65 -5.30 6.85	34.86 -4.57 3.68	33.08 -3.88 0.02
NEG WEST___LANCASTR 23811	31.13 -3.01 0.02	28.56 -2.09 0.02	24.95 -2.29 0.02	23.81 -2.44 0.02	24.38 -2.74 0.02	27.45 -1.80 0.24	27.78 -1.97 7.49	32.12 -1.71 4.20	31.38 -1.21 0.22	28.55 -1.73 0.02	28.34 -2.36 0.00	28.79 -2.24 0.02	30.03 -1.52 0.02	31.47 -1.46 1.75	34.41 -1.48 1.07	34.38 -1.38 1.49	36.33 -1.34 4.23	44.14 -1.09 6.56	52.47 -1.19 12.53	58.55 -1.49 10.75	60.11 -1.70 6.18	46.53 -1.67 7.60	37.07 -1.85 4.18	33.97 -3.00 0.02

NEG_PENN_ALLEGHNY 23528	33.65 -0.51 0.00	30.27 -0.40 0.00	26.86 -0.41 0.00	25.83 -0.45 0.00	26.74 -0.41 0.00	29.26 -0.27 -0.03	38.09 -0.30 -1.14	38.37 -0.31 -0.64	32.62 -0.23 -0.03	30.00 -0.30 0.00	30.30 -0.40 0.00	30.74 -0.31 0.00	31.32 -0.25 0.00	34.70 -0.24 -0.27	36.90 -0.22 -0.16	37.33 -0.15 -0.23	42.15 -0.08 -0.33	53.65 0.16 -1.71	69.54 0.27 -3.09	73.03 0.36 -1.89	69.37 0.27 -1.12	56.98 0.17 -1.01	43.66 -0.09 -0.64	36.73 -0.26 0.00
NEG___GEN_MONROE 24207	31.73 -2.43 0.00	28.03 -2.64 0.00	24.97 -2.29 0.00	24.17 -2.10 0.00	25.16 -1.98 0.00	27.08 -2.36 0.05	32.94 -2.72 1.59	34.52 -2.62 0.89	30.60 -2.17 0.05	28.38 -1.91 0.00	28.89 -1.81 0.00	29.40 -1.65 0.00	29.58 -1.99 0.00	32.01 -2.29 0.37	34.33 -2.40 0.23	34.55 -2.38 0.31	37.72 -2.56 1.64	47.32 -2.64 1.83	60.41 -2.78 3.00	64.19 -3.04 3.54	61.75 -3.13 3.10	50.23 -2.68 2.89	39.33 -2.63 1.14	35.21 -1.78 0.00
NEPA___ENERGY 23901	31.06 -3.07 0.02	27.91 -2.73 0.02	24.71 -2.54 0.02	23.76 -2.50 0.02	24.59 -2.52 0.02	26.86 -2.39 0.24	26.83 -2.64 7.78	31.32 -2.36 4.36	30.67 -1.90 0.24	28.37 -1.91 0.02	28.61 -2.09 0.00	29.07 -1.96 0.02	29.62 -1.93 0.02	30.81 -2.05 1.82	33.74 -2.11 1.11	33.70 -2.01 1.54	35.45 -2.10 4.36	42.94 -2.07 6.78	50.64 -2.58 12.97	56.63 -2.97 11.17	57.85 -2.99 7.15	45.14 -2.85 7.81	36.06 -2.72 4.33	34.19 -2.77 0.02
NEVERSINK___HYD 23608	35.01 0.85 0.00	31.62 0.95 0.00	28.11 0.85 0.00	27.01 0.73 0.00	27.88 0.73 0.00	30.26 0.77 0.00	38.29 1.04 0.00	39.33 1.29 0.00	34.10 1.28 0.00	31.54 1.24 0.00	32.02 1.32 0.00	32.29 1.24 0.00	32.93 1.36 0.00	36.34 1.66 0.00	38.77 1.81 0.00	39.15 1.90 0.00	44.00 2.09 0.00	54.53 2.74 0.00	69.82 3.64 0.00	74.53 3.75 0.00	71.38 3.40 0.00	58.25 2.45 0.00	44.96 1.85 0.00	38.35 1.37 0.00
NEWKRMKL_115KV_TB1 55635	34.98 0.82 0.00	31.47 0.80 0.00	28.06 0.79 0.00	27.04 0.76 0.00	27.85 0.71 0.00	30.23 0.74 0.00	37.77 0.52 0.00	38.53 0.49 0.00	33.08 0.26 0.00	30.51 0.21 0.00	30.89 0.18 0.00	31.18 0.12 0.00	31.73 0.16 0.00	34.85 0.17 0.00	37.26 0.30 0.00	37.77 0.52 0.00	42.58 0.67 0.00	52.31 0.52 0.00	67.05 0.86 0.00	71.63 0.85 0.00	68.94 0.95 0.00	56.64 0.84 0.00	44.10 0.99 0.00	37.69 0.70 0.00
NEWTON___FALLS_HYD 23847	34.23 0.07 0.00	30.64 -0.03 0.00	27.19 -0.08 0.00	26.22 -0.05 0.00	27.06 -0.08 0.00	29.52 0.03 0.00	37.25 0.00 0.00	37.62 -0.42 0.00	32.33 -0.49 0.00	29.75 -0.55 0.00	30.06 -0.64 0.00	30.46 -0.59 0.00	30.87 -0.69 0.00	33.88 -0.80 0.00	36.04 -0.92 0.00	36.17 -1.08 0.00	40.65 -1.26 0.00	50.95 -1.50 -0.66	65.84 -1.32 -0.98	70.56 -0.78 -0.56	67.75 -0.61 -0.38	55.66 -0.45 -0.31	42.50 -0.69 -0.08	36.39 -0.59 0.00
NGRID_A1_DSASP 323792	29.15 -4.99 0.02	25.77 -4.88 0.02	22.99 -4.25 0.02	22.26 -3.99 0.02	23.21 -3.91 0.02	25.21 -4.07 0.21	25.50 -5.25 6.50	29.56 -4.83 3.65	28.08 -4.53 0.21	26.05 -4.21 0.04	26.60 -4.08 0.02	27.04 -3.97 0.04	27.08 -4.45 0.04	28.85 -4.30 1.52	31.48 -4.55 0.94	31.70 -4.25 1.30	33.83 -4.19 3.89	39.78 -6.16 5.85	47.51 -7.61 11.06	52.39 -8.49 9.90	52.02 -8.43 7.54	41.77 -7.09 6.95	33.64 -5.78 3.69	32.53 -4.44 0.02
NGRID_A2_DSASP 323793	29.15 -4.99 0.02	25.77 -4.88 0.02	22.99 -4.25 0.02	22.26 -3.99 0.02	23.21 -3.91 0.02	25.21 -4.07 0.21	25.50 -5.25 6.50	29.56 -4.83 3.65	28.08 -4.53 0.21	26.05 -4.21 0.04	26.60 -4.08 0.02	27.04 -3.97 0.04	27.08 -4.45 0.04	28.85 -4.30 1.52	31.48 -4.55 0.94	31.70 -4.25 1.30	33.83 -4.19 3.89	39.78 -6.16 5.85	47.51 -7.61 11.06	52.39 -8.49 9.90	52.02 -8.43 7.54	41.77 -7.09 6.95	33.64 -5.78 3.69	32.53 -4.44 0.02
NGRID_A4_DSASP 323807	29.15 -4.99 0.02	25.77 -4.88 0.02	22.99 -4.25 0.02	22.26 -3.99 0.02	23.21 -3.91 0.02	25.21 -4.07 0.21	25.50 -5.25 6.50	29.56 -4.83 3.65	28.08 -4.53 0.21	26.05 -4.21 0.04	26.60 -4.08 0.02	27.04 -3.97 0.04	27.08 -4.45 0.04	28.85 -4.30 1.52	31.48 -4.55 0.94	31.70 -4.25 1.30	33.83 -4.19 3.89	39.78 -6.16 5.85	47.51 -7.61 11.06	52.39 -8.49 9.90	52.02 -8.43 7.54	41.77 -7.09 6.95	33.64 -5.78 3.69	32.53 -4.44 0.02
NIAGARA_115E_LBMP 323715	29.53 -4.61 0.02	25.80 -4.84 0.02	22.97 -4.28 0.02	22.45 -3.81 0.02	23.19 -3.94 0.02	24.89 -4.39 0.20	26.02 -4.73 6.50	29.90 -4.49 3.65	28.37 -4.23 0.21	26.43 -3.85 0.02	26.95 -3.75 0.00	27.37 -3.66 0.02	27.60 -3.95 0.02	29.20 -3.95 1.52	31.89 -4.14 0.94	31.67 -4.28 1.30	33.66 -4.36 3.89	40.76 -5.18 5.85	48.57 -6.55 11.06	53.31 -7.57 9.90	52.83 -7.61 7.54	42.82 -6.03 6.95	34.32 -5.09 3.69	32.45 -4.51 0.02
NIAGARA_115W_LBMP 323714	29.49 -4.65 0.02	25.71 -4.94 0.02	22.88 -4.36 0.02	22.42 -3.84 0.02	23.13 -3.99 0.02	24.29 -4.98 0.21	25.43 -5.33 6.50	29.49 -4.91 3.65	27.95 -4.66 0.21	25.96 -4.30 0.04	26.51 -4.18 0.02	26.91 -4.10 0.04	27.11 -4.42 0.04	28.82 -4.34 1.52	31.40 -4.62 0.94	31.67 -4.28 1.30	32.86 -5.16 3.89	39.62 -6.32 5.85	47.31 -7.81 11.06	52.17 -8.71 9.90	51.81 -8.64 7.54	41.54 -7.31 6.95	33.51 -5.90 3.69	32.45 -4.51 0.02
NIAGARA_230_LBMP 323716	30.18 -3.96 0.02	26.39 -4.26 0.02	23.49 -3.76 0.02	22.95 -3.31 0.02	23.73 -3.39 0.02	25.46 -3.83 0.19	26.12 -4.66 6.48	30.00 -4.41 3.63	29.02 -3.61 0.19	27.01 -3.27 0.02	27.57 -3.13 0.00	27.99 -3.04 0.02	28.20 -3.35 0.02	29.25 -3.92 1.50	31.94 -4.10 0.92	31.91 -4.06 1.28	33.68 -4.36 3.87	40.94 -5.02 5.83	48.92 -6.22 11.04	53.89 -7.01 9.88	53.40 -7.07 7.52	43.01 -5.86 6.93	34.43 -5.00 3.67	33.16 -3.81 0.02
NIAGARA___115KV_198_GIBSON 55903	29.05 -5.09 0.02	25.71 -4.94 0.02	22.94 -4.31 0.02	22.18 -4.07 0.02	23.16 -3.96 0.02	25.21 -4.07 0.21	25.43 -5.33 6.50	29.48 -4.91 3.65	27.95 -4.66 0.21	25.96 -4.30 0.04	26.51 -4.18 0.02	26.91 -4.10 0.04	26.95 -4.58 0.04	28.82 -4.33 1.52	31.40 -4.62 0.94	31.67 -4.28 1.30	33.83 -4.19 3.89	39.62 -6.32 5.85	47.31 -7.81 11.06	52.17 -8.71 9.90	51.81 -8.63 7.54	41.60 -7.25 6.95	33.55 -5.86 3.69	32.45 -4.51 0.02
NIAGARA____ 23760	30.18 -3.96 0.02	26.39 -4.26 0.02	23.48 -3.76 0.02	22.94 -3.31 0.02	23.73 -3.39 0.02	25.46 -3.83 0.20	26.11 -4.66 6.48	30.00 -4.41 3.63	29.00 -3.61 0.21	27.00 -3.27 0.02	27.56 -3.13 0.01	27.98 -3.04 0.03	28.20 -3.35 0.03	29.25 -3.92 1.51	31.94 -4.10 0.92	31.91 -4.06 1.29	33.68 -4.36 3.87	40.93 -5.02 5.83	48.91 -6.22 11.05	53.88 -7.01 9.89	53.39 -7.07 7.52	43.01 -5.86 6.94	34.43 -5.00 3.68	33.16 -3.81 0.02
NINE_MILE_1 23575	33.00 -1.16 0.00	29.50 -1.17 0.00	26.23 -1.04 0.00	25.33 -0.94 0.00	26.19 -0.95 0.00	28.43 -1.06 0.00	35.94 -1.30 0.00	36.67 -1.37 0.00	31.67 -1.15 0.00	29.24 -1.06 0.00	29.63 -1.08 0.00	30.03 -1.02 0.00	30.50 -1.07 0.00	33.46 -1.21 0.00	35.63 -1.33 0.00	35.72 -1.53 0.00	33.99 -1.72 6.20	34.35 -2.02 15.41	43.61 -2.45 20.13	48.06 -2.55 20.17	46.42 -2.51 19.05	37.56 -2.06 16.18	37.73 -1.73 3.65	35.77 -1.22 0.00

NINE_MILE_2 23744	33.00 -1.16 0.00	29.50 -1.17 0.00	26.26 -1.01 0.00	25.33 -0.94 0.00	26.19 -0.95 0.00	28.43 -1.06 0.00	35.94 -1.30 0.00	36.67 -1.37 0.00	31.67 -1.15 0.00	29.24 -1.06 0.00	29.63 -1.08 0.00	30.03 -1.02 0.00	30.50 -1.07 0.00	33.46 -1.21 0.00	35.63 -1.33 0.00	35.72 -1.53 0.00	33.91 -1.72 6.28	34.13 -2.02 15.64	43.31 -2.45 20.43	47.78 -2.55 20.45	46.16 -2.51 19.31	37.34 -2.06 16.40	37.68 -1.73 3.70	35.77 -1.22 0.00
NM_CAPITAL___DRP 24208	35.05 0.89 0.00	31.56 0.89 0.00	28.11 0.85 0.00	27.07 0.79 0.00	27.90 0.76 0.00	30.29 0.80 0.00	37.92 0.67 0.00	38.68 0.65 0.00	33.24 0.43 0.00	30.63 0.33 0.00	31.01 0.31 0.00	31.30 0.25 0.00	31.85 0.28 0.00	34.99 0.31 0.00	37.40 0.44 0.00	37.92 0.67 0.00	42.70 0.80 0.00	52.51 0.73 0.00	67.24 1.06 0.00	71.77 0.99 0.00	69.14 1.16 0.00	56.81 1.00 0.00	44.23 1.12 0.00	37.76 0.78 0.00
NM_CENTRAL___DRP 24181	33.41 -0.75 0.00	29.93 -0.74 0.00	26.59 -0.68 0.00	25.65 -0.63 0.00	26.55 -0.60 0.00	28.84 -0.65 0.00	36.50 -0.74 0.00	37.24 -0.80 0.00	32.16 -0.66 0.00	29.66 -0.64 0.00	30.06 -0.64 0.00	30.49 -0.56 0.00	30.97 -0.60 0.00	33.98 -0.69 0.00	36.22 -0.74 0.00	36.39 -0.86 0.00	40.64 -0.92 0.34	51.82 -0.93 -0.96	66.69 -1.06 -1.56	70.20 -0.99 -0.41	66.89 -1.09 0.01	54.91 -0.84 0.06	42.27 -0.86 -0.03	36.43 -0.55 0.00
NM_FRONTIER___DRP 24179	29.05 -5.09 0.02	25.71 -4.94 0.02	22.94 -4.31 0.02	22.18 -4.07 0.02	23.16 -3.96 0.02	25.21 -4.07 0.21	25.43 -5.33 6.50	29.48 -4.91 3.65	27.95 -4.66 0.21	25.96 -4.30 0.04	26.51 -4.18 0.02	26.91 -4.10 0.04	26.95 -4.58 0.04	28.82 -4.33 1.52	31.40 -4.62 0.94	31.67 -4.28 1.30	33.83 -4.19 3.89	39.62 -6.32 5.85	47.31 -7.81 11.06	52.17 -8.71 9.90	51.81 -8.63 7.54	41.60 -7.25 6.95	33.55 -5.86 3.69	32.45 -4.51 0.02
NM_ST_REGIS___HYD 24053	34.26 0.10 0.00	30.70 0.03 0.00	27.19 -0.08 0.00	26.22 -0.05 0.00	27.09 -0.05 0.00	29.52 0.03 0.00	37.25 0.00 0.00	37.77 -0.27 0.00	32.49 -0.33 0.00	29.90 -0.39 0.00	30.30 -0.40 0.00	30.68 -0.37 0.00	31.03 -0.54 0.00	34.12 -0.55 0.00	36.26 -0.70 0.00	36.39 -0.86 0.00	40.86 -1.05 0.00	50.39 -1.40 0.00	64.53 -1.65 0.00	69.43 -1.34 0.00	66.83 -1.16 0.00	54.96 -0.84 0.00	42.24 -0.86 0.00	36.21 -0.78 0.00
NORTHPORT___1 23551	40.68 2.08 -4.43	33.04 2.30 -0.07	29.29 2.02 -0.01	28.12 1.84 0.00	29.07 1.93 0.00	31.53 2.03 -0.01	40.44 2.72 -0.47	45.61 3.12 -4.45	35.67 2.85 0.00	33.06 2.76 0.00	33.66 2.95 -0.01	33.95 2.89 -0.01	34.92 2.97 -0.38	41.48 3.19 -3.62	43.22 3.36 -2.90	49.18 3.46 -8.46	52.62 3.52 -7.19	62.97 4.25 -6.93	84.18 4.90 -13.10	78.89 5.31 -2.80	78.15 4.90 -5.27	66.00 3.74 -6.46	55.80 3.11 -9.59	44.71 2.63 -5.09
NORTHPORT___2 23552	40.68 2.08 -4.43	33.04 2.30 -0.07	29.29 2.02 -0.01	28.12 1.84 0.00	29.07 1.93 0.00	31.53 2.03 -0.01	40.44 2.72 -0.47	45.61 3.12 -4.45	35.67 2.85 0.00	33.06 2.76 0.00	33.66 2.95 -0.01	33.95 2.89 -0.01	34.92 2.97 -0.38	41.48 3.19 -3.62	43.22 3.36 -2.90	49.18 3.46 -8.46	52.62 3.52 -7.19	62.97 4.25 -6.93	84.18 4.90 -13.10	78.89 5.31 -2.80	78.15 4.90 -5.27	66.00 3.74 -6.46	55.80 3.11 -9.59	44.71 2.63 -5.09
NORTHPORT___3 23553	40.66 2.05 -4.45	32.98 2.24 -0.07	29.24 1.96 -0.01	28.06 1.79 0.00	29.01 1.87 0.00	31.47 1.98 -0.01	40.37 2.64 -0.48	45.55 3.04 -4.47	35.61 2.79 0.00	32.99 2.70 0.00	33.60 2.89 -0.01	33.89 2.83 -0.01	34.85 2.90 -0.38	41.43 3.12 -3.63	43.20 3.33 -2.91	49.17 3.42 -8.49	52.52 3.39 -7.22	62.89 4.14 -6.96	84.11 4.77 -13.15	78.69 5.10 -2.81	77.96 4.69 -5.29	65.91 3.63 -6.48	55.71 2.97 -9.63	44.65 2.55 -5.11
NORTHPORT___4 23650	40.66 2.05 -4.45	32.98 2.24 -0.07	29.24 1.96 -0.01	28.06 1.79 0.00	29.01 1.87 0.00	31.47 1.98 -0.01	40.37 2.64 -0.48	45.55 3.04 -4.47	35.61 2.79 0.00	32.99 2.70 0.00	33.60 2.89 -0.01	33.89 2.83 -0.01	34.85 2.90 -0.38	41.43 3.12 -3.63	43.20 3.33 -2.91	49.17 3.42 -8.49	52.52 3.39 -7.22	62.89 4.14 -6.96	84.11 4.77 -13.15	78.69 5.10 -2.81	77.96 4.69 -5.29	65.91 3.63 -6.48	55.71 2.97 -9.63	44.65 2.55 -5.11
NORTHPORT___IC 23718	40.78 2.19 -4.43	33.04 2.30 -0.07	29.27 1.99 -0.01	28.20 1.92 0.00	29.07 1.93 0.00	31.59 2.09 -0.01	40.44 2.72 -0.47	45.61 3.12 -4.45	35.67 2.86 0.00	33.06 2.76 0.00	33.66 2.95 -0.01	33.95 2.89 -0.01	34.95 3.00 -0.38	41.48 3.19 -3.62	43.22 3.36 -2.90	49.17 3.46 -8.46	52.66 3.56 -7.19	62.97 4.25 -6.93	84.18 4.90 -13.10	78.82 5.24 -2.80	78.15 4.89 -5.27	66.00 3.74 -6.46	55.76 3.06 -9.59	44.71 2.63 -5.09
NORTH___COUNTRY_ESR 323785	34.33 0.17 0.00	30.79 0.12 0.00	27.30 0.03 0.00	26.30 0.03 0.00	27.17 0.03 0.00	29.55 0.06 0.00	37.36 0.11 0.00	38.11 0.08 0.00	32.85 0.03 0.00	30.30 0.00 0.00	30.73 0.03 0.00	31.08 0.03 0.00	31.57 0.00 0.00	34.71 0.03 0.00	36.96 0.00 0.00	37.25 0.00 0.00	41.95 0.04 0.00	51.74 -0.05 0.00	65.99 -0.20 0.00	70.64 -0.14 0.00	67.78 -0.20 0.00	55.63 -0.17 0.00	42.81 -0.30 0.00	36.62 -0.37 0.00
NPX_GEN_1385_PROXY 323591	40.68 2.08 -4.43	33.59 2.85 -0.07	29.54 2.26 -0.01	28.56 2.28 0.00	29.53 2.39 0.00	32.03 2.54 -0.01	40.96 3.65 -0.06	47.09 4.18 -4.87	36.00 3.18 0.00	33.27 2.97 0.00	33.81 3.10 -0.01	34.10 3.04 -0.01	34.95 3.00 -0.38	41.41 3.12 -3.62	43.15 3.29 -2.90	49.10 3.39 -8.46	52.54 3.44 -7.19	62.50 3.78 -6.93	82.86 3.57 -13.10	78.68 5.10 -2.80	77.54 4.29 -5.27	65.94 3.68 -6.46	56.45 3.75 -9.59	45.00 2.92 -5.09
NPX_GEN_CSC 323557	41.28 2.63 -4.49	33.47 2.73 -0.07	29.70 2.43 -0.01	28.46 2.18 0.00	29.42 2.28 0.00	31.98 2.48 -0.01	40.59 3.28 -0.06	46.56 3.62 -4.91	36.17 3.35 0.00	33.51 3.21 0.00	34.15 3.44 -0.01	34.41 3.35 -0.01	35.46 3.50 -0.39	42.05 3.71 -3.66	43.67 3.77 -2.94	49.65 3.84 -8.57	53.21 4.02 -7.28	63.99 5.18 -7.02	85.67 6.22 -13.26	80.41 6.80 -2.84	79.99 6.67 -5.34	67.47 5.13 -6.54	56.70 3.88 -9.71	45.28 3.14 -5.16
NSINS_S_GLNS_FALLS 23858	35.83 1.67 0.00	32.26 1.59 0.00	28.82 1.55 0.00	27.75 1.47 0.00	28.69 1.55 0.00	31.17 1.68 0.00	39.15 1.90 0.00	39.75 1.71 0.00	33.97 1.15 0.00	31.21 0.91 0.00	31.59 0.89 0.00	31.89 0.84 0.00	32.42 0.85 0.00	35.58 0.90 0.00	38.03 1.07 0.00	38.74 1.49 0.00	43.92 2.01 0.00	54.07 2.28 0.00	69.76 3.57 0.00	74.81 4.03 0.00	71.99 4.01 0.00	59.48 3.68 0.00	45.91 2.80 0.00	39.24 2.26 0.00
NUCOR_STEEL___DRP 24197	33.68 -0.48 0.00	30.15 -0.52 0.00	26.81 -0.46 0.00	25.83 -0.45 0.00	26.77 -0.38 0.00	29.14 -0.38 -0.03	37.85 -0.41 -1.01	38.07 -0.53 -0.56	32.39 -0.46 -0.03	29.82 -0.48 0.00	30.15 -0.55 0.00	30.62 -0.43 0.00	31.07 -0.51 0.00	34.35 -0.55 -0.23	36.51 -0.59 -0.14	36.78 -0.67 -0.20	41.70 -0.67 -0.46	54.01 -0.52 -2.74	70.33 -0.33 -4.48	73.55 -0.14 -2.92	69.73 -0.20 -1.95	57.42 -0.11 -1.73	43.53 -0.34 -0.77	36.80 -0.18 0.00

NUMBER_THREE_WT_PWR 323818	34.57 0.41 0.00	30.91 0.24 0.00	27.49 0.22 0.00	26.51 0.24 0.00	27.33 0.19 0.00	29.87 0.38 0.00	37.62 0.37 0.00	37.96 -0.08 0.00	32.62 -0.20 0.00	30.06 -0.24 0.00	30.27 -0.43 0.00	30.74 -0.31 0.00	31.25 -0.32 0.00	34.29 -0.38 0.00	36.48 -0.48 0.00	36.73 -0.52 0.00	41.41 -0.50 0.00	52.11 -0.47 -0.78	67.54 0.20 -1.16	72.22 0.78 -0.66	69.25 0.82 -0.45	56.84 0.67 -0.36	43.08 -0.13 -0.10	36.84 -0.15 0.00
NYISO_LBMP_REFERENCE 24008	34.16 0.00 0.00	30.67 0.00 0.00	27.27 0.00 0.00	26.28 0.00 0.00	27.14 0.00 0.00	29.49 0.00 0.00	37.25 0.00 0.00	38.04 0.00 0.00	32.82 0.00 0.00	30.30 0.00 0.00	30.70 0.00 0.00	31.05 0.00 0.00	31.57 0.00 0.00	34.67 0.00 0.00	36.96 0.00 0.00	37.25 0.00 0.00	41.91 0.00 0.00	51.79 0.00 0.00	66.18 0.00 0.00	70.78 0.00 0.00	67.98 0.00 0.00	55.80 0.00 0.00	43.11 0.00 0.00	36.99 0.00 0.00
NYPA_BRENTWD____GT 24164	41.23 2.49 -4.58	33.34 2.61 -0.07	29.59 2.32 -0.01	28.38 2.10 0.00	29.32 2.17 0.00	31.83 2.33 -0.01	40.83 3.09 -0.49	46.10 3.50 -4.57	36.00 3.18 0.00	33.36 3.06 0.00	34.00 3.29 -0.01	34.26 3.20 -0.01	35.28 3.31 -0.39	41.98 3.57 -3.73	43.73 3.77 -3.00	49.90 3.91 -8.74	53.49 4.15 -7.43	63.92 4.97 -7.16	85.61 5.89 -13.53	79.97 6.30 -2.89	79.34 5.91 -5.44	66.99 4.52 -6.67	56.72 3.71 -9.91	45.31 3.07 -5.26
NYPA_GOWANUS____GT5 24156	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.55 4.56 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
NYPA_GOWANUS____GT6 24157	35.87 1.71 -0.01	32.58 1.90 -0.01	29.02 1.75 0.00	27.83 1.55 0.00	28.72 1.57 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.44 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.23 2.65 -0.01	37.63 2.95 -0.01	40.18 3.21 -0.01	40.72 3.46 -0.01	45.69 3.77 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.89 5.10 -0.01	72.55 4.56 -0.01	59.27 3.46 -0.01	46.00 2.89 -0.01	39.32 2.33 -0.01
NYPA_HARLEM__RVR__GT1 24160	35.79 1.64 0.01	32.61 1.93 -0.01	29.05 1.77 -0.01	27.89 1.60 -0.01	28.81 1.66 -0.01	31.02 1.53 0.00	38.78 1.53 0.00	39.82 1.79 0.01	34.68 1.87 0.01	32.23 1.94 0.01	32.82 2.12 0.00	33.03 1.99 0.01	33.64 2.08 0.01	36.99 2.32 0.01	39.43 2.48 0.01	39.96 2.72 0.01	44.83 2.93 0.01	55.20 3.42 0.01	70.42 4.24 0.01	74.95 4.17 0.01	71.64 3.67 0.01	58.42 2.62 0.01	45.56 2.46 0.00	39.02 2.03 0.00
NYPA_HARLEM__RVR__GT2 24161	35.79 1.64 0.01	32.61 1.93 -0.01	29.05 1.77 -0.01	27.89 1.60 -0.01	28.81 1.66 -0.01	31.02 1.53 0.00	38.78 1.53 0.00	39.82 1.79 0.01	34.68 1.87 0.01	32.23 1.94 0.01	32.82 2.12 0.00	33.03 1.99 0.01	33.64 2.08 0.01	36.99 2.32 0.01	39.43 2.48 0.01	39.96 2.72 0.01	44.83 2.93 0.01	55.20 3.42 0.01	70.42 4.24 0.01	74.95 4.17 0.01	71.64 3.67 0.01	58.42 2.62 0.01	45.56 2.46 0.00	39.02 2.03 0.00
NYPA_KENT____GT 24152	35.77 1.61 0.00	32.48 1.81 0.00	28.93 1.66 0.00	27.77 1.50 0.00	28.66 1.52 0.00	30.93 1.44 0.00	39.11 1.86 0.00	40.36 2.32 0.00	35.26 2.43 -0.01	32.73 2.42 -0.01	33.32 2.61 -0.01	33.57 2.51 -0.01	34.20 2.62 -0.01	37.60 2.91 -0.01	40.11 3.14 -0.01	40.65 3.39 -0.01	45.61 3.69 -0.01	56.09 4.30 0.00	71.08 4.90 0.00	75.59 4.82 0.00	72.33 4.35 0.00	59.03 3.24 0.00	45.87 2.76 0.00	39.21 2.22 0.00
NYPA_POUCH1____GT 24155	35.94 1.78 -0.01	32.64 1.96 -0.01	29.07 1.80 0.00	27.88 1.60 0.00	28.77 1.63 0.00	30.99 1.50 0.00	39.18 1.94 0.00	40.44 2.40 0.00	35.29 2.46 -0.01	32.67 2.36 -0.01	33.23 2.52 -0.01	33.48 2.42 -0.01	34.13 2.56 -0.01	37.56 2.88 -0.01	40.11 3.14 -0.01	40.68 3.42 -0.01	45.60 3.69 -0.01	56.25 4.45 -0.01	71.36 5.17 -0.01	75.95 5.16 -0.01	72.68 4.69 -0.01	59.33 3.52 -0.01	46.05 2.93 -0.01	39.36 2.37 -0.01
NYPA_VERNON____GT2 24162	35.66 1.50 0.00	32.39 1.72 0.00	28.88 1.61 0.00	27.69 1.42 0.00	28.61 1.46 0.00	30.91 1.42 0.00	39.04 1.79 0.00	40.32 2.28 0.00	35.22 2.39 -0.01	32.73 2.42 -0.01	33.29 2.58 -0.01	33.55 2.49 -0.01	34.17 2.59 -0.01	37.56 2.88 -0.01	40.04 3.07 -0.01	40.57 3.31 -0.01	45.52 3.60 -0.01	55.93 4.14 0.00	70.88 4.70 0.00	75.45 4.67 0.00	72.13 4.15 0.00	58.87 3.07 0.00	45.74 2.63 0.00	39.09 2.11 0.00
NYPA_VERNON____GT3 24163	35.66 1.50 0.00	32.39 1.72 0.00	28.88 1.61 0.00	27.69 1.42 0.00	28.61 1.46 0.00	30.91 1.42 0.00	39.04 1.79 0.00	40.32 2.28 0.00	35.22 2.39 -0.01	32.73 2.42 -0.01	33.29 2.58 -0.01	33.55 2.49 -0.01	34.17 2.59 -0.01	37.56 2.88 -0.01	40.04 3.07 -0.01	40.57 3.31 -0.01	45.52 3.60 -0.01	55.93 4.14 0.00	70.88 4.70 0.00	75.45 4.67 0.00	72.13 4.15 0.00	58.87 3.07 0.00	45.74 2.63 0.00	39.09 2.11 0.00
NYPA__ASTORIA_CC1 323568	35.63 1.47 0.00	32.38 1.72 0.00	28.85 1.58 0.00	27.69 1.42 0.00	28.58 1.44 0.00	30.88 1.39 0.00	39.00 1.75 0.00	40.24 2.21 0.00	35.19 2.36 -0.01	32.70 2.39 -0.01	33.29 2.58 -0.01	33.51 2.45 -0.01	34.13 2.56 -0.01	37.53 2.84 -0.01	40.00 3.03 -0.01	40.54 3.28 -0.01	45.48 3.56 -0.01	55.88 4.09 0.00	70.75 4.56 0.00	75.31 4.53 0.00	71.99 4.01 0.00	58.76 2.96 0.00	45.69 2.59 0.00	39.06 2.07 0.00
NYPA__ASTORIA_CC2 323569	35.63 1.47 0.00	32.38 1.72 0.00	28.85 1.58 0.00	27.69 1.42 0.00	28.58 1.44 0.00	30.88 1.39 0.00	39.00 1.75 0.00	40.24 2.21 0.00	35.19 2.36 -0.01	32.70 2.39 -0.01	33.29 2.58 -0.01	33.51 2.45 -0.01	34.13 2.56 -0.01	37.53 2.84 -0.01	40.00 3.03 -0.01	40.54 3.28 -0.01	45.48 3.56 -0.01	55.88 4.09 0.00	70.75 4.56 0.00	75.31 4.53 0.00	71.99 4.01 0.00	58.76 2.96 0.00	45.69 2.59 0.00	39.06 2.07 0.00
NYPA__HOLTSVILL 23794	41.03 2.39 -4.48	33.25 2.52 -0.07	29.51 2.24 -0.01	28.30 2.02 0.00	29.23 2.09 0.00	31.77 2.27 -0.01	40.71 2.98 -0.48	45.88 3.35 -4.49	35.90 3.08 0.00	33.27 2.97 0.00	33.90 3.19 -0.01	34.16 3.10 -0.01	35.18 3.22 -0.38	41.73 3.40 -3.66	43.44 3.55 -2.93	49.46 3.65 -8.55	52.99 3.81 -7.27	63.56 4.76 -7.01	85.05 5.62 -13.25	79.62 6.01 -2.83	79.02 5.71 -5.33	66.74 4.41 -6.53	56.25 3.45 -9.70	44.98 2.85 -5.15
NYPA__HELLGATE_GT1 24158	35.81 1.64 -0.01	32.61 1.93 -0.01	29.05 1.77 -0.01	27.89 1.60 -0.01	28.81 1.66 -0.01	31.02 1.53 0.00	38.78 1.53 0.00	39.82 1.79 0.01	34.68 1.87 0.01	32.25 1.94 -0.01	32.82 2.12 0.00	33.03 1.99 0.01	33.64 2.08 0.01	36.99 2.32 0.01	39.43 2.48 0.01	39.96 2.72 0.01	44.83 2.93 0.01	55.20 3.42 0.01	70.42 4.24 0.01	74.95 4.17 0.01	71.64 3.67 0.01	58.42 2.62 0.01	45.56 2.46 0.00	39.02 2.03 0.00

NYPA_____HELLGATE_GT2 24159	35.81	32.61	29.05	27.89	28.81	31.02	38.78	39.82	34.68	32.25	32.82	33.03	33.64	36.99	39.43	39.96	44.83	55.20	70.42	74.95	71.64	58.42	45.56	39.02
	1.64	1.93	1.77	1.60	1.66	1.53	1.53	1.79	1.87	1.94	2.12	1.99	2.08	2.32	2.48	2.72	2.93	3.42	4.24	4.17	3.67	2.62	2.46	2.03
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.01	-0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00
NYS_BARGE____HYD 23848	30.01	26.26	23.38	22.82	23.57	25.35	26.86	30.52	28.88	26.86	27.36	27.80	28.08	29.65	32.32	32.21	34.30	41.83	50.36	55.18	54.81	44.00	35.06	33.05
	-4.13	-4.39	-3.87	-3.44	-3.55	-3.95	-4.32	-4.11	-3.74	-3.42	-3.35	-3.23	-3.47	-3.61	-3.77	-3.84	-3.94	-4.51	-5.56	-6.37	-6.46	-5.25	-4.57	-3.92
	0.02	0.02	0.02	0.02	0.02	0.19	6.07	3.41	0.19	0.02	0.00	0.02	0.02	1.42	0.87	1.21	3.67	5.45	10.27	9.23	6.71	6.55	3.47	0.02
OAK ORCHARD____HYD 24046	32.07	28.06	25.03	24.43	25.24	27.21	33.13	34.65	30.71	28.48	29.01	29.50	29.77	32.07	34.40	34.60	37.90	47.44	60.57	64.27	61.66	50.19	39.23	35.10
	-2.08	-2.61	-2.24	-1.84	-1.90	-2.24	-2.76	-2.62	-2.07	-1.82	-1.69	-1.55	-1.80	-2.29	-2.37	-2.38	-2.47	-2.70	-2.98	-3.25	-3.40	-2.90	-2.85	-1.88
	0.00	0.00	0.00	0.00	0.00	0.04	1.36	0.76	0.04	0.00	0.00	0.00	0.00	0.32	0.19	0.27	1.53	1.65	2.64	3.26	2.92	2.71	1.03	0.00
OAKDALE____35_KV_LOAD 356122	33.62	30.21	26.81	25.81	26.69	29.17	38.05	38.30	32.56	29.94	30.24	30.68	31.26	34.61	36.80	37.23	42.05	53.48	69.35	72.80	69.13	56.79	43.52	36.62
	-0.55	-0.46	-0.46	-0.47	-0.46	-0.35	-0.41	-0.42	-0.30	-0.36	-0.46	-0.37	-0.32	-0.35	-0.33	-0.26	-0.21	-0.05	0.00	0.07	0.00	-0.06	-0.26	-0.37
	0.00	0.00	0.00	0.00	0.00	-0.04	-1.21	-0.68	-0.04	0.00	0.00	0.00	0.00	-0.28	-0.17	-0.24	-0.35	-1.75	-3.17	-1.95	-1.15	-1.05	-0.67	0.00
OCC_CHEM____DRP 24175	29.15	25.77	22.99	22.26	23.21	25.21	25.50	29.56	28.08	26.05	26.60	27.04	27.08	28.85	31.48	31.70	33.83	39.78	47.51	52.39	52.02	41.77	33.64	32.53
	-4.99	-4.88	-4.25	-3.99	-3.91	-4.07	-5.25	-4.83	-4.53	-4.21	-4.08	-3.97	-4.45	-4.30	-4.55	-4.25	-4.19	-6.16	-7.61	-8.49	-8.43	-7.09	-5.78	-4.44
	0.02	0.02	0.02	0.02	0.02	0.21	6.50	3.65	0.21	0.04	0.02	0.04	0.04	1.52	0.94	1.30	3.89	5.85	11.06	9.90	7.54	6.95	3.69	0.02
OH_GEN_PROXY 24063	30.25	26.48	23.57	23.00	23.79	25.57	26.30	30.80	29.13	27.10	27.63	28.08	28.30	29.47	32.12	32.13	34.10	41.62	50.19	54.97	54.50	43.71	34.77	33.23
	-3.89	-4.17	-3.68	-3.26	-3.34	-3.75	-4.55	-4.30	-3.51	-3.18	-3.07	-2.95	-3.25	-3.81	-3.99	-3.95	-4.23	-4.87	-6.02	-6.80	-6.80	-5.69	-4.92	-3.73
	0.02	0.02	0.02	0.02	0.02	0.18	6.40	2.94	0.18	0.02	0.00	0.02	0.02	1.39	0.85	1.17	3.58	5.30	9.97	9.01	6.69	6.40	3.42	0.02
OLIN_CORP_DRP 24177	29.29	25.89	23.08	22.31	23.27	24.86	25.97	29.89	28.46	26.49	27.05	27.46	27.57	29.21	31.91	31.69	33.12	40.74	48.50	53.32	52.68	42.81	34.37	32.56
	-4.85	-4.75	-4.17	-3.94	-3.85	-4.42	-4.69	-4.45	-4.14	-3.79	-3.65	-3.57	-3.98	-3.92	-4.10	-4.25	-4.86	-5.13	-6.49	-7.43	-7.48	-5.97	-5.00	-4.40
	0.02	0.02	0.02	0.02	0.02	0.21	6.58	3.69	0.22	0.02	0.00	0.02	0.02	1.54	0.95	1.32	3.93	5.92	11.19	10.03	7.82	7.02	3.74	0.02
OLIN_CORP_DSASP 323712	29.15	25.77	22.99	22.26	23.21	25.21	25.50	29.56	28.08	26.05	26.60	27.04	27.08	28.85	31.48	31.70	33.83	39.78	47.51	52.39	52.02	41.77	33.64	32.53
	-4.99	-4.88	-4.25	-3.99	-3.91	-4.07	-5.25	-4.83	-4.53	-4.21	-4.08	-3.97	-4.45	-4.30	-4.55	-4.25	-4.19	-6.16	-7.61	-8.49	-8.43	-7.09	-5.78	-4.44
	0.02	0.02	0.02	0.02	0.02	0.21	6.50	3.65	0.21	0.04	0.02	0.04	0.04	1.52	0.94	1.30	3.89	5.85	11.06	9.90	7.54	6.95	3.69	0.02
ONEIDA_HERK_LFGE 323681	34.60	30.97	27.57	26.57	27.41	29.87	37.70	38.19	32.88	30.30	30.58	31.02	31.57	34.67	36.96	37.21	41.95	52.38	67.62	72.35	69.46	57.01	43.59	37.28
	0.44	0.31	0.30	0.29	0.27	0.38	0.45	0.15	0.07	0.00	-0.12	-0.03	0.00	0.00	0.00	-0.04	0.04	0.16	0.80	1.20	1.22	1.01	0.43	0.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.44	-0.64	-0.37	-0.25	-0.20	-0.06	0.00
ONEIDA____115KV_TB4 55905	34.60	30.97	27.57	26.57	27.41	29.87	37.70	38.27	32.95	30.36	30.67	31.11	31.66	34.81	37.11	37.36	41.93	52.83	68.15	72.63	69.61	57.11	43.85	37.58
	0.44	0.31	0.30	0.29	0.27	0.38	0.45	0.23	0.13	0.06	-0.03	0.06	0.09	0.14	0.15	0.11	0.21	0.52	1.13	1.63	1.63	1.34	0.73	0.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	-0.52	-0.84	-0.22	0.01	0.04	-0.02	0.00
ONONDAGA_REF_OCCRA 23987	33.58	30.05	26.72	25.75	26.65	28.99	36.65	37.39	32.29	29.78	30.15	30.62	31.06	34.12	36.37	36.54	40.95	52.37	67.47	70.98	67.69	55.52	42.60	36.58
	-0.58	-0.61	-0.55	-0.53	-0.49	-0.50	-0.60	-0.65	-0.53	-0.52	-0.55	-0.43	-0.51	-0.55	-0.59	-0.71	-0.71	-0.67	-0.66	-0.57	-0.61	-0.50	-0.60	-0.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	-1.25	-1.95	-0.77	-0.32	-0.22	-0.09	0.00
ONONDAGA____COGEN 23986	33.61	30.09	26.75	25.78	26.68	29.02	36.69	37.39	32.29	29.78	30.15	30.59	31.06	34.12	36.33	36.51	41.15	53.20	68.60	71.94	68.53	56.23	42.77	36.62
	-0.55	-0.58	-0.52	-0.50	-0.46	-0.47	-0.56	-0.65	-0.53	-0.52	-0.55	-0.47	-0.51	-0.55	-0.63	-0.75	-0.75	-0.73	-0.73	-0.64	-0.68	-0.56	-0.60	-0.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.13	-3.14	-1.79	-1.23	-0.98	-0.27	0.00
ONTARIO____LFGE 23819	33.98	30.45	26.97	26.02	27.01	29.90	47.09	43.44	33.04	30.05	30.24	30.83	31.38	36.70	38.20	39.08	46.37	61.97	85.66	86.53	78.79	66.03	49.11	37.49
	-0.20	-0.25	-0.33	-0.29	-0.16	0.12	0.33	0.08	-0.07	-0.27	-0.46	-0.25	-0.22	-0.17	-0.11	-0.04	0.25	1.09	1.92	2.54	2.31	1.90	0.91	0.48
	-0.03	-0.03	-0.03	-0.03	-0.03	-0.29	-9.51	-5.33	-0.29	-0.03	0.00	-0.03	-0.03	-2.20	-1.35	-1.87	-4.20	-9.09	-17.56	-13.21	-8.49	-8.33	-5.10	-0.03
ORANGEVILLE_WT_PWR 323706	31.15	27.78	24.61	23.82	24.69	26.40	11.74	22.43	29.63	27.80	28.18	28.59	29.07	26.71	30.95	30.07	27.95	30.08	25.85	37.32	45.20	32.92	28.30	34.40
	-2.94	-2.82	-2.59	-2.39	-2.39	-2.39	-2.76	-2.85	-2.50	-2.42	-2.52	-2.39	-2.43	-2.67	-2.77	-2.68	-2.77	-2.85	-3.18	-3.18	-3.13	-2.73	-2.67	-2.52
	0.07	0.07	0.07	0.07	0.07	0.70	22.76	12.75	0.70	0.07	0.00	0.07	0.07	5.30	3.24	4.49	11.19	18.86	37.15	30.28	19.65	20.15	12.13	0.07
ORANGEVILLE____ESR 323794	31.15	27.78	24.61	23.82	24.69	26.40	11.74	22.43	29.63	27.80	28.18	28.59	29.07	26.71	30.95	30.07	27.95	30.08	25.85	37.32	45.20	32.92	28.30	34.40
	-2.94	-2.82	-2.59	-2.39	-2.39	-2.39	-2.76	-2.85	-2.50	-2.42	-2.52	-2.39	-2.43	-2.67	-2.77	-2.68	-2.77	-2.85	-3.18	-3.18	-3.13	-2.73	-2.67	-2.52
	0.07	0.07	0.07	0.07	0.07	0.70	22.76	12.75	0.70	0.07	0.00	0.07	0.07	5.30	3.24	4.49	11.19	18.86	37.15	30.28	19.65	20.15	12.13	0.07

OSWEGATCHIE___HYD 24044	34.23 0.07 0.00	30.64 -0.03 0.00	27.19 -0.08 0.00	26.22 -0.05 0.00	27.06 -0.08 0.00	29.55 0.06 0.00	37.21 -0.04 0.00	37.62 -0.42 0.00	32.33 -0.49 0.00	29.75 -0.54 0.00	30.06 -0.65 0.00	30.46 -0.59 0.00	30.87 -0.69 0.00	33.88 -0.80 0.00	36.04 -0.92 0.00	36.17 -1.08 0.00	40.65 -1.26 0.00	50.95 -1.50 -0.66	65.84 -1.32 -0.98	70.56 -0.78 -0.56	67.75 -0.61 -0.38	55.66 -0.45 -0.31	42.50 -0.69 -0.08	36.39 -0.59 0.00
OSWEGO___5 23606	33.17 -0.99 0.00	29.69 -0.98 0.00	26.39 -0.87 0.00	25.49 -0.79 0.00	26.33 -0.81 0.00	28.61 -0.88 0.00	36.17 -1.08 0.00	36.90 -1.14 0.00	31.87 -0.95 0.00	29.42 -0.88 0.00	29.81 -0.89 0.00	30.18 -0.87 0.00	30.65 -0.92 0.00	33.63 -1.04 0.00	35.85 -1.11 0.00	35.98 -1.27 0.00	43.01 -1.38 -2.48	60.40 -1.61 -10.22	78.22 -1.98 -14.01	80.20 -2.05 -11.48	75.97 -1.97 -9.96	62.52 -1.62 -8.34	43.66 -1.42 -1.98	36.02 -0.96 0.00
OSWEGO___6 23613	33.17 -0.99 0.00	29.69 -0.98 0.00	26.39 -0.87 0.00	25.49 -0.79 0.00	26.33 -0.81 0.00	28.61 -0.88 0.00	36.17 -1.08 0.00	36.90 -1.14 0.00	31.87 -0.95 0.00	29.42 -0.88 0.00	29.81 -0.89 0.00	30.18 -0.87 0.00	30.65 -0.92 0.00	33.63 -1.04 0.00	35.85 -1.11 0.00	35.98 -1.27 0.00	43.01 -1.38 -2.48	60.40 -1.61 -10.22	78.22 -1.98 -14.01	80.20 -2.05 -11.48	75.97 -1.97 -9.96	62.52 -1.62 -8.34	43.66 -1.42 -1.98	36.02 -0.96 0.00
OUTOKUMPU-AB___DRP 24206	29.87 -4.27 0.02	26.51 -4.14 0.02	23.59 -3.65 0.02	22.79 -3.47 0.02	23.73 -3.39 0.02	25.64 -3.63 0.22	26.03 -4.25 6.97	30.17 -3.96 3.91	29.02 -3.58 0.22	26.94 -3.33 0.02	27.42 -3.29 0.00	27.86 -3.17 0.02	28.07 -3.47 0.02	29.58 -3.47 1.63	32.34 -3.62 1.00	32.36 -3.50 1.39	34.23 -3.60 4.08	41.25 -4.35 6.18	49.17 -5.29 11.72	54.50 -6.02 10.27	55.45 -6.05 6.48	43.32 -5.19 7.29	34.73 -4.44 3.94	33.23 -3.74 0.02
OXBOW___BTM 323836	29.87 -4.27 0.02	26.17 -4.48 0.02	23.26 -3.98 0.02	22.74 -3.52 0.02	23.49 -3.64 0.02	24.91 -4.36 0.22	25.78 -4.73 6.74	29.88 -4.37 3.78	28.56 -4.04 0.22	26.51 -3.76 0.03	27.04 -3.65 0.01	27.48 -3.54 0.03	27.75 -3.95 0.03	29.25 -3.85 1.58	31.93 -4.07 0.97	32.07 -3.84 1.35	33.53 -4.40 3.98	40.60 -5.18 6.01	48.47 -6.35 11.36	53.65 -7.15 9.99	54.61 -7.14 6.23	42.60 -6.08 7.12	34.20 -5.09 3.82	32.90 -4.07 0.02
OXBOW___ 24026	29.53 -4.61 0.02	26.17 -4.48 0.02	23.29 -3.95 0.02	22.55 -3.71 0.02	23.48 -3.64 0.02	25.44 -3.83 0.22	25.78 -4.73 6.74	29.88 -4.37 3.78	28.56 -4.04 0.22	26.51 -3.76 0.03	27.04 -3.65 0.01	27.48 -3.54 0.03	27.59 -3.95 0.03	29.25 -3.85 1.58	31.93 -4.07 0.97	32.07 -3.84 1.35	34.07 -3.86 3.98	40.60 -5.18 6.01	48.47 -6.35 11.36	53.64 -7.15 9.99	54.61 -7.14 6.23	42.60 -6.08 7.12	34.20 -5.09 3.82	32.90 -4.07 0.02
OXY_CHEM_DSASP 323612	29.15 -4.99 0.02	25.77 -4.88 0.02	22.99 -4.25 0.02	22.26 -3.99 0.02	23.21 -3.91 0.02	25.21 -4.07 0.21	25.50 -5.25 6.50	29.56 -4.83 3.65	28.08 -4.53 0.21	26.05 -4.21 0.04	26.60 -4.08 0.02	27.04 -3.97 0.04	27.08 -4.45 0.04	28.85 -4.30 1.52	31.48 -4.55 0.94	31.70 -4.25 1.30	33.83 -4.19 3.89	39.78 -6.16 5.85	47.51 -7.61 11.06	52.39 -8.49 9.90	52.02 -8.43 7.54	41.77 -7.09 6.95	33.64 -5.78 3.69	32.53 -4.44 0.02
OZONE_PARK_ESR 323760	35.94 1.78 0.00	32.48 1.81 0.00	28.90 1.64 0.00	27.83 1.55 0.00	28.66 1.52 0.00	31.08 1.59 0.00	39.26 2.01 0.00	40.51 2.47 0.00	35.31 2.49 0.00	32.84 2.55 0.00	33.40 2.70 0.00	33.66 2.61 0.00	34.35 2.78 0.00	37.69 3.02 0.00	40.21 3.25 0.00	40.75 3.50 0.00	45.76 3.86 0.00	56.29 4.51 0.00	71.55 5.36 0.00	76.09 5.31 0.00	72.74 4.76 0.00	59.43 3.63 0.00	45.95 2.84 0.00	39.24 2.26 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.15 -4.99 0.02	25.77 -4.88 0.02	22.99 -4.25 0.02	22.26 -3.99 0.02	23.21 -3.91 0.02	25.21 -4.07 0.21	25.50 -5.25 6.50	29.56 -4.83 3.65	28.08 -4.53 0.21	26.05 -4.21 0.04	26.60 -4.08 0.02	27.04 -3.97 0.04	27.08 -4.45 0.04	28.85 -4.30 1.52	31.48 -4.55 0.94	31.70 -4.25 1.30	33.83 -4.19 3.89	39.78 -6.16 5.85	47.51 -7.61 11.06	52.39 -8.49 9.90	52.02 -8.43 7.54	41.77 -7.09 6.95	33.64 -5.78 3.69	32.53 -4.44 0.02
PACKARD___115KV_DUPONT_184 80571	29.56 -4.58 0.02	25.77 -4.88 0.02	22.97 -4.28 0.02	22.47 -3.78 0.02	23.21 -3.91 0.02	24.41 -4.87 0.21	25.50 -5.25 6.50	29.56 -4.83 3.65	28.08 -4.53 0.21	26.05 -4.21 0.04	26.60 -4.08 0.02	27.04 -3.97 0.04	27.24 -4.29 0.04	28.85 -4.30 1.52	31.48 -4.55 0.94	31.70 -4.25 1.30	32.95 -5.07 3.89	39.78 -6.16 5.85	47.51 -7.61 11.06	52.38 -8.50 9.90	52.02 -8.43 7.54	41.71 -7.14 6.95	33.59 -5.82 3.69	32.53 -4.44 0.02
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.04 1.88 0.00	32.69 2.02 0.00	29.12 1.85 0.00	28.04 1.76 0.00	28.85 1.71 0.00	31.17 1.68 0.00	38.81 1.56 0.00	39.79 1.75 0.00	34.59 1.77 0.00	32.11 1.82 0.01	32.73 2.03 0.00	32.95 1.89 0.00	33.59 2.02 0.00	36.93 2.25 0.00	39.36 2.40 0.00	39.86 2.61 0.00	44.76 2.85 0.00	55.10 3.31 0.00	70.49 4.30 0.00	75.03 4.25 0.00	71.72 3.74 0.00	58.59 2.79 0.00	45.61 2.50 0.00	39.13 2.15 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.55 2.39 0.00	33.12 2.45 0.00	29.50 2.24 0.00	28.41 2.13 0.00	29.23 2.09 0.00	31.58 2.09 0.00	39.33 2.09 0.00	40.32 2.28 0.00	35.08 2.26 0.00	32.53 2.24 0.01	33.16 2.46 0.00	33.38 2.33 0.00	34.03 2.46 0.00	37.41 2.74 0.00	39.88 2.92 0.00	40.38 3.13 0.00	45.39 3.48 0.00	55.88 4.09 0.00	71.55 5.36 0.00	76.16 5.38 0.00	72.81 4.83 0.00	59.43 3.63 0.00	46.25 3.15 0.00	39.69 2.70 0.00
PATROON___115KV_TB1 80586	35.05 0.89 0.00	31.56 0.89 0.00	28.14 0.87 0.00	27.09 0.81 0.00	27.90 0.76 0.00	30.29 0.80 0.00	37.88 0.63 0.00	38.65 0.61 0.00	33.18 0.36 0.00	30.57 0.27 0.00	30.95 0.25 0.00	31.27 0.22 0.00	31.82 0.25 0.00	34.92 0.24 0.00	37.33 0.37 0.00	37.88 0.63 0.00	42.70 0.80 0.00	52.46 0.67 0.00	67.24 1.06 0.00	71.84 1.06 0.00	69.21 1.22 0.00	56.81 1.00 0.00	44.23 1.12 0.00	37.76 0.78 0.00
PATTRSNVILLE___SOLAR 323815	35.15 0.99 0.00	31.62 0.95 0.00	28.14 0.87 0.00	27.09 0.82 0.00	27.99 0.84 0.00	30.40 0.92 0.00	38.26 1.01 0.00	38.80 0.76 0.00	33.18 0.36 0.00	30.54 0.24 0.00	30.89 0.19 0.00	31.21 0.16 0.00	31.73 0.16 0.00	34.85 0.17 0.00	37.22 0.26 0.00	37.73 0.48 0.00	42.58 0.67 0.00	52.88 1.09 0.00	68.04 1.85 0.00	73.11 2.33 0.00	70.43 2.44 0.00	57.87 2.07 0.00	44.74 1.64 0.00	38.20 1.22 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.89 -3.25 0.02	28.07 -2.58 0.02	24.65 -2.59 0.02	23.60 -2.65 0.02	24.27 -2.85 0.02	26.95 -2.30 0.24	27.02 -2.50 7.74	31.42 -2.28 4.34	30.82 -1.77 0.22	28.21 -2.06 0.02	28.21 -2.49 0.00	28.67 -2.36 0.02	29.62 -1.93 0.02	30.96 -1.91 1.81	33.89 -1.96 1.11	33.81 -1.90 1.54	35.62 -1.93 4.36	43.31 -1.71 6.77	51.26 -1.99 12.94	57.37 -2.41 11.00	59.91 -2.52 5.56	45.56 -2.40 7.84	36.37 -2.41 4.32	33.89 -3.07 0.02

PAWLING_115_KV_BK3_REV_LBMP_H 345028	35.73 1.57 0.00	32.23 1.56 0.00	28.69 1.42 0.00	27.62 1.34 0.00	28.45 1.30 0.00	30.88 1.39 0.00	39.04 1.79 0.00	40.40 2.36 0.00	35.15 2.33 0.00	32.60 2.30 0.00	33.16 2.46 0.00	33.44 2.39 0.00	33.94 2.37 0.00	37.34 2.67 0.00	39.99 3.03 0.00	40.12 2.87 0.00	45.13 3.23 0.00	55.72 3.94 0.00	71.21 5.03 0.00	75.87 5.10 0.00	72.47 4.49 0.00	59.21 3.40 0.00	45.73 2.63 0.00	38.98 2.00 0.00
PEEKSKILL____ 23653	35.39 1.23 0.00	32.08 1.41 0.00	28.55 1.28 0.00	27.41 1.13 0.00	28.28 1.14 0.00	30.64 1.15 0.00	38.78 1.53 0.00	39.94 1.90 0.00	34.72 1.90 0.00	32.21 1.91 0.00	32.76 2.06 0.00	33.01 1.96 0.00	33.62 2.05 0.00	36.96 2.29 0.00	39.44 2.48 0.00	39.97 2.72 0.00	44.84 2.93 0.00	55.26 3.47 0.00	70.36 4.17 0.00	74.95 4.17 0.00	71.72 3.74 0.00	58.59 2.79 0.00	45.35 2.24 0.00	38.69 1.70 0.00
PGE MADISON__WINDPWR 24146	35.36 1.20 -0.01	31.62 0.95 -0.01	28.12 0.85 -0.01	27.10 0.81 -0.01	27.99 0.84 -0.01	30.76 1.21 -0.06	40.57 1.42 -1.91	40.06 0.95 -1.07	33.49 0.62 -0.05	30.70 0.39 -0.01	30.82 0.12 0.00	31.30 0.25 -0.01	31.89 0.32 -0.01	35.54 0.45 -0.41	37.73 0.52 -0.25	38.12 0.52 -0.35	43.36 0.80 -0.65	55.64 1.61 -2.24	73.85 3.31 -4.35	78.25 4.53 -2.95	74.29 4.49 -1.82	61.26 3.74 -1.72	46.45 2.28 -1.06	38.73 1.74 -0.01
PIERCEFIELD____HYD 23852	34.12 -0.03 0.00	30.58 -0.09 0.00	27.10 -0.16 0.00	26.15 -0.13 0.00	26.98 -0.16 0.00	29.40 -0.09 0.00	37.10 -0.15 0.00	37.58 -0.46 0.00	32.29 -0.53 0.00	29.72 -0.58 0.00	30.09 -0.61 0.00	30.49 -0.56 0.00	30.81 -0.76 0.00	33.84 -0.83 0.00	35.96 -1.00 0.00	36.06 -1.19 0.00	40.44 -1.47 0.00	50.27 -1.86 -0.35	64.45 -2.25 -0.52	69.16 -1.91 -0.30	66.49 -1.70 -0.20	54.74 -1.23 -0.16	41.99 -1.16 -0.04	36.02 -0.96 0.00
PINELAWN_CC_I 323563	41.40 2.25 -4.98	33.11 2.36 -0.08	29.38 2.10 -0.01	28.17 1.89 0.00	29.12 1.98 0.00	31.59 2.09 -0.01	40.53 2.76 -0.52	46.12 3.20 -4.89	35.74 2.92 0.00	33.12 2.82 0.00	33.75 3.04 -0.01	34.01 2.95 -0.01	35.06 3.06 -0.43	42.03 3.30 -4.06	43.73 3.51 -3.26	50.45 3.69 -9.51	53.84 3.85 -8.08	64.34 4.76 -7.79	86.60 5.69 -14.72	79.87 5.95 -3.15	79.48 5.58 -5.92	67.30 4.24 -7.26	57.25 3.36 -10.78	45.49 2.78 -5.72
PJM_GEN_HTP_PROXY 323702	35.56 1.40 0.00	32.26 1.59 0.00	28.74 1.47 0.00	27.59 1.31 0.00	28.47 1.33 0.00	30.82 1.33 0.00	38.59 1.75 0.41	40.66 2.21 -0.41	35.05 2.23 0.00	32.60 2.30 0.00	33.16 2.46 0.00	33.41 2.36 0.00	34.03 2.46 0.00	37.38 2.71 0.00	39.85 2.88 0.00	40.38 3.13 0.00	45.30 3.39 0.00	55.78 3.99 0.00	70.82 4.63 0.00	75.38 4.60 0.00	72.06 4.08 0.00	58.87 3.07 0.00	45.60 2.50 0.00	38.91 1.92 0.00
PJM_GEN_KEystone 24065	33.16 -0.99 0.01	29.96 -0.70 0.01	26.61 -0.65 0.01	25.53 -0.74 0.01	26.41 -0.73 0.01	28.78 -0.65 0.06	34.04 -0.71 2.50	36.90 -0.38 0.76	32.66 -0.10 0.06	30.20 -0.09 0.01	30.64 -0.06 0.00	30.98 -0.06 0.01	31.53 -0.03 0.01	34.19 0.00 0.49	36.74 0.07 0.30	37.03 0.19 0.41	40.82 0.21 1.30	50.27 0.37 1.88	62.93 0.27 3.52	67.64 0.07 3.21	65.71 -0.07 2.21	53.09 -0.39 2.32	41.46 -0.43 1.21	36.35 -0.63 0.01
PJM_GEN_NEPTUNE_PROXY 323594	40.08 1.71 -4.22	32.64 1.90 -0.07	28.97 1.69 -0.01	27.80 1.52 0.00	28.72 1.57 0.00	31.15 1.65 -0.01	39.41 2.16 -0.01	44.95 2.59 -4.32	35.28 2.46 0.00	32.69 2.39 0.00	33.29 2.58 -0.01	33.57 2.51 -0.01	34.52 2.59 -0.36	40.92 2.81 -3.44	42.71 2.99 -2.76	48.42 3.13 -8.04	51.97 3.23 -6.84	62.31 3.93 -6.59	83.20 4.56 -12.45	78.19 4.74 -2.66	77.41 4.42 -5.01	65.23 3.29 -6.14	54.94 2.72 -9.12	44.01 2.18 -4.84
PJM_GEN_VFT_PROXY 323633	35.39 1.23 0.00	32.14 1.47 0.00	28.63 1.36 0.00	27.49 1.21 0.00	28.37 1.22 0.00	30.70 1.21 0.00	38.40 1.56 0.41	40.50 2.05 -0.41	34.95 2.13 0.00	32.54 2.24 0.00	33.13 2.42 0.00	33.35 2.30 0.00	34.00 2.43 0.00	37.31 2.63 0.00	39.81 2.85 0.00	40.34 3.09 0.00	45.22 3.31 0.00	55.62 3.83 0.00	70.55 4.37 0.00	75.03 4.25 0.00	71.79 3.80 0.00	58.59 2.79 0.00	45.43 2.33 0.00	38.76 1.78 0.00
PLATSBURG_115KV_PMLD1 355749	34.60 0.44 0.00	31.04 0.37 0.00	27.51 0.25 0.00	26.51 0.24 0.00	27.39 0.24 0.00	29.81 0.32 0.00	37.73 0.48 0.00	38.46 0.42 0.00	33.15 0.33 0.00	30.57 0.27 0.00	30.98 0.28 0.00	31.33 0.28 0.00	31.82 0.25 0.00	35.06 0.38 0.00	37.29 0.33 0.00	37.59 0.34 0.00	42.33 0.42 0.00	52.20 0.41 0.00	66.58 0.40 0.00	71.27 0.50 0.00	68.46 0.48 0.00	56.19 0.39 0.00	43.28 0.17 0.00	36.95 -0.04 0.00
PLEASANTVLY____LBMP 24000	35.42 1.26 0.00	31.96 1.29 0.00	28.44 1.17 0.00	27.38 1.10 0.00	28.20 1.06 0.00	30.61 1.12 0.00	38.66 1.42 0.00	39.75 1.71 0.00	34.49 1.67 0.00	32.00 1.70 0.00	32.51 1.81 0.00	32.76 1.71 0.00	33.40 1.83 0.00	36.68 2.01 0.00	39.18 2.22 0.00	39.67 2.42 0.00	44.55 2.64 0.00	54.84 3.06 0.00	69.89 3.71 0.00	74.39 3.61 0.00	71.31 3.33 0.00	58.26 2.46 0.00	45.13 2.03 0.00	38.54 1.55 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.63 1.47 0.00	32.17 1.50 0.00	28.63 1.36 0.00	27.54 1.26 0.00	28.36 1.22 0.00	30.79 1.30 0.00	38.89 1.64 0.00	40.05 2.02 0.00	34.82 2.00 0.00	32.33 2.03 0.00	32.85 2.15 0.00	33.13 2.08 0.00	33.78 2.21 0.00	37.10 2.43 0.00	39.58 2.62 0.00	40.08 2.83 0.00	45.05 3.14 0.00	55.47 3.68 0.00	70.62 4.43 0.00	75.17 4.39 0.00	71.99 4.01 0.00	58.76 2.96 0.00	45.48 2.37 0.00	38.80 1.81 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.63 1.47 0.00	32.17 1.50 0.00	28.63 1.36 0.00	27.54 1.26 0.00	28.36 1.22 0.00	30.79 1.30 0.00	38.89 1.64 0.00	40.05 2.02 0.00	34.82 2.00 0.00	32.33 2.03 0.00	32.85 2.15 0.00	33.13 2.08 0.00	33.78 2.21 0.00	37.10 2.43 0.00	39.58 2.62 0.00	40.08 2.83 0.00	45.05 3.14 0.00	55.47 3.68 0.00	70.62 4.43 0.00	75.17 4.39 0.00	71.99 4.01 0.00	58.76 2.96 0.00	45.48 2.37 0.00	38.80 1.81 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.53 1.37 0.00	32.05 1.38 0.00	28.50 1.23 0.00	27.43 1.16 0.00	28.26 1.11 0.00	30.70 1.21 0.00	38.74 1.49 0.00	39.79 1.75 0.00	34.49 1.67 0.00	31.90 1.61 0.00	32.39 1.69 0.00	32.67 1.61 0.00	33.34 1.77 0.00	36.68 2.01 0.00	39.14 2.18 0.00	39.67 2.42 0.00	44.59 2.68 0.00	55.10 3.31 0.00	70.42 4.24 0.00	74.95 4.18 0.00	71.86 3.88 0.00	58.70 2.90 0.00	45.39 2.28 0.00	38.72 1.74 0.00
POLETTI____ 23519	35.70 1.54 0.00	32.29 1.63 0.00	28.74 1.47 0.00	27.67 1.39 0.00	28.50 1.36 0.00	30.88 1.39 0.00	38.96 1.71 0.00	40.21 2.17 0.00	35.02 2.20 0.00	32.57 2.27 0.00	33.13 2.43 0.00	33.38 2.33 0.00	34.03 2.46 0.00	37.38 2.70 0.00	39.84 2.88 0.00	40.38 3.13 0.00	45.34 3.44 0.00	55.72 3.94 0.00	70.82 4.63 0.00	75.38 4.60 0.00	72.06 4.08 0.00	58.87 3.07 0.00	45.56 2.46 0.00	38.91 1.92 0.00

POMONA___ESR 323819	35.35 1.19 0.00	32.02 1.35 0.00	28.50 1.23 0.00	27.35 1.08 0.00	28.26 1.11 0.00	30.61 1.12 0.00	38.74 1.49 0.00	39.90 1.86 0.00	34.66 1.84 0.00	32.15 1.85 0.00	32.70 1.99 0.00	32.95 1.89 0.00	33.56 1.99 0.00	36.93 2.25 0.00	39.40 2.44 0.00	39.93 2.68 0.00	44.80 2.89 0.00	55.26 3.47 0.00	70.36 4.17 0.00	74.88 4.10 0.00	71.72 3.74 0.00	58.54 2.73 0.00	45.35 2.24 0.00	38.65 1.67 0.00
PORT_JEFF_3 23555	41.11 2.46 -4.49	33.31 2.58 -0.07	29.57 2.29 -0.01	28.35 2.08 0.00	29.29 2.14 0.00	31.83 2.33 -0.01	40.78 3.06 -0.48	45.96 3.42 -4.50	35.97 3.15 0.00	33.33 3.03 0.00	33.96 3.25 -0.01	34.26 3.20 -0.01	35.27 3.31 -0.39	41.84 3.50 -3.66	43.56 3.66 -2.94	49.58 3.76 -8.57	53.17 3.98 -7.28	63.83 5.02 -7.02	85.34 5.89 -13.26	79.85 6.23 -2.84	79.37 6.05 -5.34	66.97 4.63 -6.54	56.39 3.58 -9.71	45.10 2.96 -5.16
PORT_JEFF_4 23616	41.11 2.46 -4.49	33.31 2.58 -0.07	29.57 2.29 -0.01	28.35 2.08 0.00	29.29 2.14 0.00	31.83 2.33 -0.01	40.78 3.06 -0.48	45.96 3.42 -4.50	35.97 3.15 0.00	33.33 3.03 0.00	33.96 3.25 -0.01	34.26 3.20 -0.01	35.27 3.31 -0.39	41.84 3.50 -3.66	43.56 3.66 -2.94	49.58 3.76 -8.57	53.17 3.98 -7.28	63.83 5.02 -7.02	85.34 5.89 -13.26	79.85 6.23 -2.84	79.37 6.05 -5.34	66.97 4.63 -6.54	56.39 3.58 -9.71	45.10 2.96 -5.16
PORT_JEFF_IC 23713	41.30 2.63 -4.51	33.38 2.64 -0.07	29.59 2.32 -0.01	28.46 2.18 0.00	29.34 2.20 0.00	31.92 2.42 -0.01	40.86 3.13 -0.48	46.05 3.50 -4.51	36.03 3.22 0.00	33.39 3.09 0.00	34.03 3.32 -0.01	34.32 3.26 -0.01	35.37 3.41 -0.39	41.92 3.57 -3.68	43.64 3.73 -2.95	49.76 3.91 -8.60	53.37 4.15 -7.31	64.01 5.18 -7.05	85.46 5.96 -13.32	80.21 6.58 -2.85	79.60 6.25 -5.36	67.16 4.80 -6.56	56.48 3.62 -9.75	45.20 3.03 -5.18
PPL PILGRIM_ST_GT1 24216	41.23 2.49 -4.58	33.34 2.61 -0.07	29.59 2.32 -0.01	28.38 2.10 0.00	29.32 2.17 0.00	31.83 2.33 -0.01	40.83 3.09 -0.49	46.10 3.50 -4.57	36.00 3.18 0.00	33.36 3.06 0.00	34.00 3.29 -0.01	34.26 3.20 -0.01	35.28 3.31 -0.39	41.98 3.57 -3.73	43.73 3.77 -3.00	49.90 3.91 -8.74	53.49 4.15 -7.43	63.92 4.97 -7.16	85.61 5.89 -13.53	79.97 6.30 -2.89	79.34 5.91 -5.44	66.99 4.52 -6.67	56.72 3.71 -9.91	45.31 3.07 -5.26
PPL PILGRIM_ST_GT2 24217	41.23 2.49 -4.58	33.34 2.61 -0.07	29.59 2.32 -0.01	28.38 2.10 0.00	29.32 2.17 0.00	31.83 2.33 -0.01	40.83 3.09 -0.49	46.10 3.50 -4.57	36.00 3.18 0.00	33.36 3.06 0.00	34.00 3.29 -0.01	34.26 3.20 -0.01	35.28 3.31 -0.39	41.98 3.57 -3.73	43.73 3.77 -3.00	49.90 3.91 -8.74	53.49 4.15 -7.43	63.92 4.97 -7.16	85.61 5.89 -13.53	79.97 6.30 -2.89	79.34 5.91 -5.44	66.99 4.52 -6.67	56.72 3.71 -9.91	45.31 3.07 -5.26
PPL_SHRM_GT3 24213	41.32 2.67 -4.50	33.47 2.73 -0.07	29.73 2.46 -0.01	28.48 2.21 0.00	29.45 2.31 0.00	32.00 2.51 -0.01	41.01 3.28 -0.48	46.16 3.62 -4.50	36.17 3.35 0.00	33.51 3.21 0.00	34.15 3.44 -0.01	34.41 3.35 -0.01	35.46 3.50 -0.39	42.05 3.71 -3.67	43.67 3.77 -2.94	49.67 3.84 -8.58	53.27 4.06 -7.29	64.05 5.23 -7.03	85.76 6.29 -13.29	80.48 6.86 -2.84	80.06 6.73 -5.35	67.54 5.19 -6.55	56.72 3.88 -9.73	45.33 3.18 -5.17
PPL_SHRM_GT4 24214	41.32 2.67 -4.50	33.47 2.73 -0.07	29.73 2.46 -0.01	28.48 2.21 0.00	29.45 2.31 0.00	32.00 2.51 -0.01	41.01 3.28 -0.48	46.16 3.62 -4.50	36.17 3.35 0.00	33.51 3.21 0.00	34.15 3.44 -0.01	34.41 3.35 -0.01	35.46 3.50 -0.39	42.05 3.71 -3.67	43.67 3.77 -2.94	49.67 3.84 -8.58	53.27 4.06 -7.29	64.05 5.23 -7.03	85.76 6.29 -13.29	80.48 6.86 -2.84	80.06 6.73 -5.35	67.54 5.19 -6.55	56.72 3.88 -9.73	45.33 3.18 -5.17
PROJECT___ORANGE 1 24174	33.44 -0.72 0.00	29.93 -0.74 0.00	26.61 -0.65 0.00	25.65 -0.63 0.00	26.55 -0.60 0.00	28.87 -0.62 0.00	36.50 -0.74 0.00	37.24 -0.80 0.00	32.16 -0.66 0.00	29.69 -0.61 0.00	30.09 -0.61 0.00	30.52 -0.53 0.00	30.97 -0.60 0.00	34.02 -0.66 0.00	36.26 -0.70 0.00	36.39 -0.86 0.00	40.64 -0.92 0.35	51.86 -0.88 -0.96	66.74 -0.99 -1.55	70.19 -0.99 -0.40	66.94 -1.02 0.02	54.89 -0.84 0.07	42.31 -0.82 -0.03	36.43 -0.55 0.00
PROJECT___ORANGE 2 24166	33.44 -0.72 0.00	29.93 -0.74 0.00	26.61 -0.65 0.00	25.65 -0.63 0.00	26.55 -0.60 0.00	28.87 -0.62 0.00	36.50 -0.74 0.00	37.24 -0.80 0.00	32.16 -0.66 0.00	29.69 -0.61 0.00	30.09 -0.61 0.00	30.52 -0.53 0.00	30.97 -0.60 0.00	34.02 -0.66 0.00	36.26 -0.70 0.00	36.39 -0.86 0.00	40.64 -0.92 0.35	51.86 -0.88 -0.96	66.74 -0.99 -1.55	70.19 -0.99 -0.40	66.94 -1.02 0.02	54.89 -0.84 0.07	42.31 -0.82 -0.03	36.43 -0.55 0.00
PUCKETT___SOLAR 323809	34.06 -0.10 0.00	30.61 -0.06 0.00	27.16 -0.11 0.00	26.15 -0.13 0.00	27.04 -0.11 0.00	29.61 0.09 -0.04	38.52 0.07 -1.19	38.67 -0.04 -0.67	32.75 -0.10 -0.03	30.06 -0.24 0.00	30.30 -0.40 0.00	30.71 -0.34 0.00	31.29 -0.28 0.00	34.66 -0.28 -0.27	36.87 -0.26 -0.16	37.25 -0.22 -0.23	42.16 -0.08 -0.34	53.77 0.31 -1.67	70.09 0.80 -3.11	73.93 1.20 -1.95	70.30 1.15 -1.16	57.81 0.95 -1.06	44.20 0.43 -0.67	37.21 0.22 0.00
PYRITES___HYD 24023	34.64 0.48 0.00	31.04 0.37 0.00	27.51 0.25 0.00	26.54 0.26 0.00	27.39 0.24 0.00	29.87 0.38 0.00	37.70 0.45 0.00	38.08 0.04 0.00	32.65 -0.16 0.00	30.03 -0.27 0.00	30.39 -0.31 0.00	30.77 -0.28 0.00	31.16 -0.41 0.00	34.26 -0.42 0.00	36.41 -0.55 0.00	36.58 -0.67 0.00	41.11 -0.80 0.00	51.07 -1.04 -0.31	65.65 -0.99 -0.46	70.69 -0.35 -0.26	68.10 -0.07 -0.18	56.06 0.11 -0.15	42.97 -0.17 -0.04	36.80 -0.18 0.00
QUAKERRD_115KV_BK1 80622	31.46 -2.70 0.00	27.87 -2.79 0.00	24.86 -2.40 0.00	24.04 -2.23 0.00	25.02 -2.12 0.00	26.91 -2.54 0.04	32.68 -3.09 1.48	34.17 -3.04 0.83	30.35 -2.43 0.04	28.14 -2.15 0.00	28.64 -2.06 0.00	29.09 -1.96 0.00	29.29 -2.27 0.00	31.66 -2.67 0.34	33.94 -2.81 0.21	34.13 -2.83 0.29	37.25 -3.06 1.60	46.62 -3.42 1.75	59.39 -3.97 2.82	63.04 -4.32 3.42	60.56 -4.35 3.07	49.30 -3.68 2.82	38.70 -3.32 1.09	34.65 -2.33 0.00
QUENSBRY_115KV_TB8 356137	35.94 1.78 0.00	32.36 1.69 0.00	28.90 1.64 0.00	27.83 1.55 0.00	28.77 1.63 0.00	31.26 1.77 0.00	39.30 2.05 0.00	39.86 1.83 0.00	34.07 1.25 0.00	31.27 0.97 0.00	31.68 0.98 0.00	31.98 0.93 0.00	32.52 0.95 0.00	35.68 1.01 0.00	38.14 1.18 0.00	38.89 1.64 0.00	44.13 2.22 0.00	54.33 2.54 0.00	70.22 4.04 0.00	75.38 4.60 0.00	72.47 4.49 0.00	59.88 4.07 0.00	46.17 3.06 0.00	39.43 2.44 0.00
RAMAPO___LBMP 323565	35.35 1.20 0.00	31.93 1.26 0.00	28.41 1.15 0.00	27.35 1.08 0.00	28.17 1.03 0.00	30.58 1.09 0.00	38.63 1.38 0.00	39.79 1.75 0.00	34.56 1.74 0.00	32.09 1.79 0.00	32.61 1.90 0.00	32.88 1.83 0.00	33.53 1.96 0.00	36.82 2.15 0.00	39.29 2.33 0.00	39.78 2.53 0.00	44.67 2.77 0.00	55.00 3.21 0.00	70.02 3.84 0.00	74.60 3.82 0.00	71.45 3.47 0.00	58.31 2.51 0.00	45.13 2.03 0.00	38.54 1.55 0.00

RANKINE____	30.55	27.30	24.19	23.31	24.19	26.22	25.42	30.11	29.93	27.73	28.06	28.48	28.95	29.89	32.83	32.74	34.22	41.38	48.46	54.53	56.19	43.56	34.97	33.78
23646	-3.59	-3.34	-3.05	-2.94	-2.93	-3.01	-3.39	-3.20	-2.63	-2.55	-2.64	-2.55	-2.59	-2.81	-2.92	-2.83	-2.98	-3.06	-3.64	-4.18	-4.28	-3.79	-3.45	-3.18
	0.03	0.03	0.03	0.03	0.03	0.27	8.44	4.73	0.26	0.03	0.00	0.03	0.03	1.97	1.21	1.68	4.71	7.35	14.08	12.08	7.51	8.45	4.69	0.03
RAVENSWOOD_GT2_1	35.70	32.29	28.74	27.67	28.50	30.88	38.96	40.21	35.05	32.57	33.16	33.38	34.06	37.38	39.84	40.38	45.34	55.78	70.82	75.38	72.06	58.87	45.61	38.95
24244	1.54	1.63	1.47	1.39	1.36	1.39	1.71	2.17	2.23	2.27	2.46	2.33	2.49	2.70	2.88	3.13	3.44	3.99	4.63	4.60	4.08	3.07	2.50	1.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_2	35.70	32.29	28.74	27.67	28.50	30.88	38.96	40.21	35.05	32.57	33.16	33.38	34.06	37.38	39.84	40.38	45.34	55.78	70.82	75.38	72.06	58.87	45.61	38.95
24245	1.54	1.63	1.47	1.39	1.36	1.39	1.71	2.17	2.23	2.27	2.46	2.33	2.49	2.70	2.88	3.13	3.44	3.99	4.63	4.60	4.08	3.07	2.50	1.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_3	35.70	32.29	28.77	27.67	28.50	30.91	39.00	40.24	35.05	32.60	33.16	33.41	34.06	37.38	39.88	40.42	45.34	55.78	70.88	75.38	72.13	58.87	45.61	38.95
24246	1.54	1.63	1.50	1.39	1.36	1.42	1.75	2.21	2.23	2.30	2.46	2.36	2.49	2.70	2.92	3.17	3.44	3.99	4.70	4.60	4.15	3.07	2.50	1.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_4	35.70	32.29	28.77	27.67	28.50	30.91	39.00	40.24	35.05	32.60	33.16	33.41	34.06	37.38	39.88	40.42	45.34	55.78	70.88	75.38	72.13	58.87	45.61	38.95
24247	1.54	1.63	1.50	1.39	1.36	1.42	1.75	2.21	2.23	2.30	2.46	2.36	2.49	2.70	2.92	3.17	3.44	3.99	4.70	4.60	4.15	3.07	2.50	1.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_1	35.70	32.29	28.74	27.67	28.50	30.88	38.96	40.21	35.05	32.57	33.16	33.38	34.06	37.38	39.84	40.38	45.34	55.78	70.82	75.38	72.13	58.87	45.61	38.95
24248	1.54	1.63	1.47	1.39	1.36	1.39	1.71	2.17	2.23	2.27	2.46	2.33	2.49	2.70	2.88	3.13	3.44	3.99	4.63	4.60	4.15	3.07	2.50	1.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_2	35.70	32.29	28.74	27.67	28.50	30.88	38.96	40.21	35.05	32.57	33.16	33.38	34.06	37.38	39.84	40.38	45.34	55.78	70.82	75.38	72.13	58.87	45.61	38.95
24249	1.54	1.63	1.47	1.39	1.36	1.39	1.71	2.17	2.23	2.27	2.46	2.33	2.49	2.70	2.88	3.13	3.44	3.99	4.63	4.60	4.15	3.07	2.50	1.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_3	35.73	32.32	28.77	27.70	28.53	30.91	39.04	40.24	35.08	32.63	33.19	33.44	34.09	37.41	39.92	40.45	45.43	55.83	70.95	75.52	72.20	58.98	45.65	38.98
24250	1.57	1.66	1.50	1.42	1.38	1.42	1.79	2.21	2.26	2.33	2.49	2.39	2.53	2.74	2.96	3.20	3.52	4.04	4.77	4.74	4.21	3.18	2.54	2.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_4	35.73	32.32	28.77	27.70	28.53	30.91	39.04	40.24	35.08	32.63	33.19	33.44	34.09	37.41	39.92	40.45	45.43	55.83	70.95	75.52	72.20	58.98	45.65	38.98
24251	1.57	1.66	1.50	1.42	1.38	1.42	1.79	2.21	2.26	2.33	2.49	2.39	2.53	2.74	2.96	3.20	3.52	4.04	4.77	4.74	4.21	3.18	2.54	2.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_1	35.80	32.39	28.85	27.77	28.61	30.96	39.04	40.32	35.22	32.73	33.29	33.54	34.23	37.56	40.04	40.57	45.56	55.93	70.88	75.45	72.13	58.87	45.69	39.09
23729	1.64	1.72	1.58	1.50	1.47	1.47	1.79	2.28	2.40	2.42	2.58	2.48	2.65	2.88	3.07	3.32	3.65	4.14	4.70	4.67	4.15	3.07	2.59	2.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_10	35.70	32.29	28.74	27.67	28.50	30.88	38.96	40.21	35.05	32.57	33.13	33.38	34.06	37.38	39.84	40.38	45.34	55.78	70.82	75.38	72.13	58.87	45.61	38.95
24258	1.54	1.63	1.47	1.39	1.36	1.39	1.71	2.17	2.23	2.27	2.43	2.33	2.49	2.70	2.88	3.13	3.44	3.99	4.63	4.60	4.15	3.07	2.50	1.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_11	35.70	32.29	28.74	27.67	28.50	30.88	38.96	40.21	35.05	32.57	33.13	33.38	34.06	37.38	39.84	40.38	45.34	55.78	70.82	75.38	72.13	58.87	45.61	38.95
24259	1.54	1.63	1.47	1.39	1.36	1.39	1.71	2.17	2.23	2.27	2.43	2.33	2.49	2.70	2.88	3.13	3.44	3.99	4.63	4.60	4.15	3.07	2.50	1.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_4	35.73	32.32	28.77	27.70	28.53	30.91	39.00	40.24	35.09	32.61	33.20	33.45	34.10	37.42	39.93	40.42	45.39	55.83	70.82	75.38	72.06	58.87	45.60	38.98
24252	1.57	1.66	1.50	1.42	1.38	1.42	1.75	2.21	2.26	2.30	2.49	2.39	2.53	2.74	2.96	3.17	3.48	4.04	4.63	4.60	4.08	3.07	2.50	2.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_5	35.73	32.32	28.77	27.70	28.53	30.91	39.00	40.24	35.09	32.61	33.20	33.45	34.10	37.42	39.93	40.42	45.39	55.83	70.82	75.38	72.06	58.87	45.60	38.98
24254	1.57	1.66	1.50	1.42	1.38	1.42	1.75	2.21	2.26	2.30	2.49	2.39	2.53	2.74	2.96	3.17	3.48	4.04	4.63	4.60	4.08	3.07	2.50	2.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_6	35.73	32.32	28.77	27.70	28.53	30.91	39.00	40.24	35.09	32.61	33.20	33.45	34.10	37.42	39.93	40.42	45.39	55.83	70.82	75.38	72.06	58.87	45.60	38.98
24253	1.57	1.66	1.50	1.42	1.38	1.42	1.75	2.21	2.26	2.30	2.49	2.39	2.53	2.74	2.96	3.17	3.48	4.04	4.63	4.60	4.08	3.07	2.50	2.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00

RAVENSWOOD_GT_7 24255	35.73 1.57 0.00	32.32 1.66 0.00	28.77 1.50 0.00	27.70 1.42 0.00	28.53 1.38 0.00	30.91 1.42 0.00	39.00 1.75 0.00	40.24 2.21 0.00	35.09 2.26 -0.01	32.61 2.30 -0.01	33.20 2.49 -0.01	33.45 2.39 -0.01	34.10 2.53 -0.01	37.42 2.74 -0.01	39.93 2.96 -0.01	40.42 3.17 -0.01	45.39 3.48 -0.01	55.83 4.04 0.00	70.82 4.63 0.00	75.38 4.60 0.00	72.06 4.08 0.00	58.87 3.07 0.00	45.60 2.50 0.00	38.98 2.00 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.70 1.54 0.00	32.29 1.63 0.00	28.74 1.47 0.00	27.67 1.39 0.00	28.50 1.36 0.00	30.88 1.39 0.00	38.96 1.71 0.00	40.21 2.17 0.00	35.05 2.23 0.00	32.57 2.27 0.00	33.13 2.43 0.00	33.38 2.33 0.00	34.06 2.49 0.00	37.38 2.70 0.00	39.84 2.88 0.00	40.38 3.13 0.00	45.34 3.44 0.00	55.78 3.99 0.00	70.82 4.63 0.00	75.38 4.60 0.00	72.13 4.15 0.00	58.87 3.07 0.00	45.61 2.50 0.00	38.95 1.96 0.00
RAVENSWOOD_GT_9 24257	35.70 1.54 0.00	32.29 1.63 0.00	28.74 1.47 0.00	27.67 1.39 0.00	28.50 1.36 0.00	30.88 1.39 0.00	38.96 1.71 0.00	40.21 2.17 0.00	35.05 2.23 0.00	32.57 2.27 0.00	33.13 2.43 0.00	33.38 2.33 0.00	34.06 2.49 0.00	37.38 2.70 0.00	39.84 2.88 0.00	40.38 3.13 0.00	45.34 3.44 0.00	55.78 3.99 0.00	70.82 4.63 0.00	75.38 4.60 0.00	72.13 4.15 0.00	58.87 3.07 0.00	45.61 2.50 0.00	38.95 1.96 0.00
RAVENSWOOD___1 23533	35.66 1.50 0.00	32.38 1.72 0.00	28.85 1.58 0.00	27.69 1.42 0.00	28.58 1.44 0.00	30.91 1.42 0.00	39.04 1.79 0.00	40.28 2.24 0.00	35.19 2.36 -0.01	32.73 2.42 -0.01	33.29 2.58 -0.01	33.54 2.49 -0.01	34.17 2.59 -0.01	37.53 2.84 -0.01	40.03 3.07 -0.01	40.57 3.31 -0.01	45.48 3.56 -0.01	55.93 4.14 0.00	70.88 4.70 0.00	75.38 4.60 0.00	72.13 4.15 0.00	58.87 3.07 0.00	45.74 2.63 0.00	39.09 2.11 0.00
RAVENSWOOD___2 23534	35.66 1.50 0.00	32.38 1.72 0.00	28.85 1.58 0.00	27.69 1.42 0.00	28.58 1.44 0.00	30.88 1.39 0.00	39.00 1.75 0.00	40.28 2.24 0.00	35.19 2.36 -0.01	32.70 2.39 -0.01	33.29 2.58 -0.01	33.51 2.45 -0.01	34.13 2.56 -0.01	37.53 2.84 -0.01	40.00 3.03 -0.01	40.54 3.28 -0.01	45.48 3.56 -0.01	55.93 4.14 0.00	70.88 4.70 0.00	75.38 4.60 0.00	72.13 4.15 0.00	58.87 3.07 0.00	45.69 2.59 0.00	39.06 2.07 0.00
RAVENSWOOD___3 23535	35.56 1.40 0.00	32.29 1.62 0.00	28.77 1.50 0.00	27.62 1.34 0.00	28.50 1.36 0.00	30.82 1.33 0.00	38.96 1.71 0.00	40.20 2.17 0.00	35.05 2.23 0.00	32.57 2.27 0.00	33.16 2.46 0.00	33.38 2.33 0.00	34.00 2.43 0.00	37.38 2.71 0.00	39.85 2.88 0.00	40.38 3.13 0.00	45.30 3.39 0.00	55.78 3.99 0.00	70.82 4.63 0.00	75.38 4.60 0.00	72.13 4.15 0.00	58.87 3.07 0.00	45.65 2.54 0.00	38.94 1.96 0.00
RAVENSWOOD___4 23820	35.66 1.50 0.00	32.38 1.72 0.00	28.85 1.58 0.00	27.69 1.42 0.00	28.58 1.44 0.00	30.88 1.39 0.00	39.00 1.75 0.00	40.28 2.24 0.00	35.19 2.36 -0.01	32.70 2.39 -0.01	33.29 2.58 -0.01	33.51 2.45 -0.01	34.13 2.56 -0.01	37.52 2.84 -0.01	40.00 3.03 -0.01	40.54 3.28 -0.01	45.47 3.56 -0.01	55.93 4.14 0.00	70.82 4.63 0.00	75.38 4.60 0.00	72.06 4.08 0.00	58.87 3.07 0.00	45.69 2.59 0.00	39.05 2.07 0.00
RCPL_TRUST___DRP 24196	35.73 1.57 0.00	32.29 1.63 0.00	28.77 1.50 0.00	27.67 1.39 0.00	28.50 1.36 0.00	30.91 1.42 0.00	39.04 1.79 0.00	40.28 2.24 0.00	35.12 2.30 0.00	32.63 2.33 0.00	33.22 2.52 0.00	33.44 2.39 0.00	34.13 2.56 0.00	37.45 2.77 0.00	39.92 2.96 0.00	40.45 3.20 0.00	45.43 3.52 0.00	55.88 4.09 0.00	70.95 4.77 0.00	75.52 4.74 0.00	72.20 4.21 0.00	58.93 3.12 0.00	45.61 2.50 0.00	38.95 1.96 0.00
RED___ROCHESTER 323720	32.24 -1.91 0.00	28.24 -2.42 0.00	25.16 -2.10 0.00	24.57 -1.71 0.00	25.38 -1.76 0.00	27.38 -2.07 0.04	33.27 -2.53 1.45	34.83 -2.40 0.81	30.91 -1.87 0.04	28.66 -1.64 0.00	29.17 -1.53 0.00	29.68 -1.37 0.00	29.99 -1.58 0.00	32.32 -2.01 0.34	34.65 -2.11 0.21	34.88 -2.09 0.29	38.19 -2.14 1.59	47.83 -2.23 1.73	61.08 -2.32 2.78	64.70 -2.69 3.39	62.09 -2.85 3.04	50.60 -2.40 2.80	39.53 -2.50 1.07	35.35 -1.63 0.00
REGAN___SOLAR 323812	35.76 1.61 0.00	32.20 1.53 0.00	28.66 1.39 0.00	27.56 1.29 0.00	28.53 1.38 0.00	31.02 1.53 0.00	38.74 1.49 0.00	38.80 0.76 0.00	32.88 0.07 0.00	30.06 -0.24 0.00	30.33 -0.37 0.00	30.62 -0.43 0.00	31.13 -0.44 0.00	34.22 -0.45 0.00	36.55 -0.41 0.00	37.25 0.00 0.00	42.28 0.38 0.00	52.77 0.98 0.00	68.83 2.65 0.00	74.95 4.17 0.00	72.40 4.42 0.00	59.48 3.68 0.00	45.82 2.72 0.00	39.02 2.03 0.00
RENSSELAER___COGEN 23796	34.84 0.68 0.00	31.40 0.73 0.00	28.00 0.74 0.00	26.93 0.66 0.00	27.77 0.62 0.00	30.14 0.65 0.00	37.70 0.45 0.00	38.46 0.42 0.00	33.05 0.23 0.00	30.48 0.18 0.00	30.86 0.15 0.00	31.14 0.09 0.00	31.70 0.13 0.00	34.81 0.14 0.00	37.22 0.26 0.00	37.73 0.48 0.00	42.45 0.54 0.00	52.20 0.41 0.00	66.85 0.66 0.00	71.41 0.64 0.00	68.73 0.75 0.00	56.53 0.72 0.00	44.05 0.95 0.00	37.61 0.63 0.00
REPUBLIC_115KV_BARTNBRK 55605	36.72 2.56 0.00	33.12 2.45 0.00	29.59 2.32 0.00	28.46 2.18 0.00	29.45 2.31 0.00	32.03 2.54 0.00	40.12 2.87 0.00	40.51 2.47 0.00	34.79 1.97 0.00	31.81 1.51 0.00	32.24 1.54 0.00	32.54 1.49 0.00	33.05 1.48 0.00	36.30 1.63 0.00	38.77 1.81 0.00	39.71 2.46 0.00	45.26 3.35 0.00	55.93 4.14 0.00	72.80 6.62 0.00	78.78 8.00 0.00	75.80 7.82 0.00	62.61 6.81 0.00	48.06 4.96 0.00	40.91 3.92 0.00
REVERE_CPPR_DRP 24186	34.84 0.68 0.00	31.19 0.52 0.00	27.76 0.49 0.00	26.75 0.47 0.00	27.60 0.46 0.00	30.08 0.59 0.00	37.96 0.71 0.00	38.42 0.38 0.00	33.08 0.26 0.00	30.48 0.18 0.00	30.73 0.03 0.00	31.21 0.16 0.00	31.76 0.19 0.00	34.92 0.24 0.00	37.22 0.26 0.00	37.51 0.26 0.00	42.13 0.38 0.15	53.00 0.73 -0.49	68.55 1.59 -0.78	73.21 2.19 -0.23	70.19 2.18 -0.03	57.59 1.79 0.00	44.12 0.99 -0.02	37.80 0.81 0.00
REYNLDPA_13_KV_LD 356490	34.43 0.27 0.00	30.88 0.22 0.00	27.38 0.11 0.00	26.41 0.13 0.00	27.28 0.14 0.00	29.67 0.18 0.00	37.55 0.30 0.00	38.27 0.23 0.00	32.95 0.13 0.00	30.39 0.09 0.00	30.79 0.09 0.00	31.18 0.12 0.00	31.66 0.09 0.00	34.85 0.17 0.00	37.07 0.11 0.00	37.36 0.11 0.00	42.08 0.17 0.00	51.84 0.05 0.00	65.46 -0.73 0.00	70.07 -0.71 0.00	67.44 -0.55 0.00	55.91 0.11 0.00	43.24 0.13 0.00	36.99 0.00 0.00
REYNOLDS_115KV_TB3 80639	35.12 0.96 0.00	31.62 0.95 0.00	28.17 0.90 0.00	27.12 0.84 0.00	27.96 0.81 0.00	30.37 0.88 0.00	38.07 0.82 0.00	38.84 0.80 0.00	33.38 0.56 0.00	30.78 0.48 0.00	31.13 0.43 0.00	31.42 0.37 0.00	32.01 0.44 0.00	35.12 0.45 0.00	37.55 0.59 0.00	38.07 0.82 0.00	42.87 0.96 0.00	52.72 0.93 0.00	67.51 1.32 0.00	71.98 1.20 0.00	69.41 1.43 0.00	56.97 1.17 0.00	44.40 1.29 0.00	37.91 0.92 0.00

RIVERBAY____ 323610	36.55 2.39 0.00	33.12 2.45 0.00	29.50 2.24 0.00	28.41 2.13 0.00	29.23 2.09 0.00	31.58 2.09 0.00	39.33 2.09 0.00	40.32 2.28 0.00	35.08 2.26 0.00	32.53 2.24 0.01	33.16 2.46 0.00	33.38 2.33 0.00	34.03 2.46 0.00	37.41 2.74 0.00	39.88 2.92 0.00	40.38 3.13 0.00	45.39 3.48 0.00	55.88 4.09 0.00	71.55 5.36 0.00	76.16 5.38 0.00	72.81 4.83 0.00	59.43 3.63 0.00	46.25 3.15 0.00	39.69 2.70 0.00
RIVERSDE_115KV_TB3 55908	35.05 0.89 0.00	31.56 0.89 0.00	28.11 0.85 0.00	27.07 0.79 0.00	27.90 0.76 0.00	30.29 0.80 0.00	37.92 0.67 0.00	38.68 0.65 0.00	33.24 0.43 0.00	30.63 0.33 0.00	31.01 0.31 0.00	31.30 0.25 0.00	31.85 0.28 0.00	34.99 0.31 0.00	37.40 0.44 0.00	37.92 0.67 0.00	42.70 0.80 0.00	52.51 0.73 0.00	67.24 1.06 0.00	71.77 0.99 0.00	69.14 1.16 0.00	56.81 1.00 0.00	44.23 1.12 0.00	37.76 0.78 0.00
ROARING__BROOK_WT_PWR 323790	34.06 -0.10 0.00	30.58 -0.09 0.00	27.19 -0.08 0.00	26.20 -0.08 0.00	27.06 -0.08 0.00	29.40 -0.09 0.00	37.14 -0.11 0.00	37.96 -0.08 0.00	32.75 -0.07 0.00	30.24 -0.06 0.00	30.64 -0.06 0.00	30.96 -0.09 0.00	31.44 -0.13 0.00	34.57 -0.10 0.00	36.81 -0.15 0.00	37.10 -0.15 0.00	41.74 -0.17 0.00	51.53 -0.26 0.00	65.79 -0.39 0.00	70.36 -0.42 0.00	67.37 -0.61 0.00	55.19 -0.61 0.00	42.54 -0.56 0.00	36.43 -0.55 0.00
ROCHESRG_115KV_T4 355643	31.63 -2.53 0.00	27.96 -2.70 0.00	24.95 -2.32 0.00	24.17 -2.10 0.00	25.16 -1.98 0.00	27.02 -2.42 0.05	32.67 -2.91 1.68	34.32 -2.78 0.94	30.57 -2.20 0.05	28.35 -1.94 0.00	28.89 -1.81 0.00	29.37 -1.68 0.00	29.51 -2.05 0.00	31.86 -2.43 0.39	34.17 -2.55 0.24	34.39 -2.53 0.33	37.48 -2.72 1.71	46.91 -2.95 1.92	59.65 -3.38 3.16	63.31 -3.75 3.71	60.90 -3.81 3.27	49.55 -3.24 3.02	38.89 -3.02 1.20	34.95 -2.03 0.00
ROCHESTER_9_IC 23652	31.87 -2.29 0.00	28.15 -2.51 0.00	25.11 -2.15 0.00	24.30 -1.97 0.00	25.32 -1.82 0.00	27.21 -2.24 0.04	33.26 -2.64 1.35	34.73 -2.55 0.75	30.81 -1.97 0.04	28.57 -1.73 0.00	29.07 -1.63 0.00	29.56 -1.49 0.00	29.73 -1.83 0.00	32.21 -2.15 0.31	34.51 -2.25 0.19	34.71 -2.27 0.27	37.98 -2.39 1.54	47.65 -2.49 1.65	60.84 -2.71 2.63	64.47 -3.04 3.26	61.91 -3.13 2.95	50.41 -2.68 2.71	39.41 -2.67 1.02	35.21 -1.78 0.00
ROCKVIEW_13_KV_LD 356306	35.73 1.57 0.00	32.26 1.59 0.00	28.71 1.45 0.00	27.62 1.34 0.00	28.45 1.30 0.00	30.88 1.39 0.00	39.00 1.75 0.00	40.24 2.21 0.00	34.98 2.17 0.00	32.48 2.18 0.00	33.03 2.33 0.00	33.32 2.27 0.00	34.00 2.43 0.00	37.31 2.64 0.00	39.81 2.85 0.00	40.31 3.05 0.00	45.30 3.39 0.00	55.78 3.99 0.00	71.02 4.83 0.00	75.59 4.81 0.00	72.33 4.35 0.00	58.98 3.18 0.00	45.65 2.54 0.00	38.95 1.96 0.00
ROME____115KV_TB2 80656	34.84 0.68 0.00	31.19 0.52 0.00	27.76 0.49 0.00	26.75 0.47 0.00	27.60 0.46 0.00	30.08 0.59 0.00	37.96 0.71 0.00	38.42 0.38 0.00	33.08 0.26 0.00	30.48 0.18 0.00	30.73 0.03 0.00	31.21 0.16 0.00	31.76 0.19 0.00	34.92 0.24 0.00	37.22 0.26 0.00	37.51 0.26 0.00	42.13 0.38 0.15	53.00 0.73 -0.49	68.55 1.59 -0.78	73.21 2.19 -0.23	70.19 2.18 -0.03	57.59 1.79 0.00	44.12 0.99 -0.02	37.80 0.81 0.00
ROSETON__1 23587	35.28 1.13 0.00	31.93 1.26 0.00	28.44 1.17 0.00	27.30 1.02 0.00	28.17 1.03 0.00	30.55 1.06 0.00	38.63 1.38 0.00	39.75 1.71 0.00	34.49 1.67 0.00	31.99 1.70 0.00	32.51 1.81 0.00	32.76 1.71 0.00	33.40 1.83 0.00	36.72 2.05 0.00	39.18 2.22 0.00	39.67 2.42 0.00	44.51 2.60 0.00	54.90 3.11 0.00	69.89 3.70 0.00	74.46 3.68 0.00	71.38 3.40 0.00	58.25 2.45 0.00	45.17 2.07 0.00	38.54 1.55 0.00
ROSETON__2 23588	35.28 1.13 0.00	31.93 1.26 0.00	28.44 1.17 0.00	27.30 1.02 0.00	28.17 1.03 0.00	30.55 1.06 0.00	38.63 1.38 0.00	39.75 1.71 0.00	34.49 1.67 0.00	31.99 1.70 0.00	32.51 1.81 0.00	32.76 1.71 0.00	33.40 1.83 0.00	36.72 2.05 0.00	39.18 2.22 0.00	39.67 2.42 0.00	44.51 2.60 0.00	54.90 3.11 0.00	69.89 3.70 0.00	74.46 3.68 0.00	71.38 3.40 0.00	58.25 2.45 0.00	45.17 2.07 0.00	38.54 1.55 0.00
ROTTDRAM_115KV_TB3 80664	34.98 0.82 0.00	31.47 0.80 0.00	28.00 0.74 0.00	26.96 0.68 0.00	27.85 0.71 0.00	30.26 0.77 0.00	38.11 0.86 0.00	38.84 0.80 0.00	33.38 0.56 0.00	30.78 0.48 0.00	31.16 0.46 0.00	31.49 0.43 0.00	32.04 0.47 0.00	35.16 0.49 0.00	37.55 0.59 0.00	38.03 0.78 0.00	42.83 0.92 0.00	52.93 1.14 0.00	67.77 1.59 0.00	72.55 1.77 0.00	69.82 1.84 0.00	57.31 1.51 0.00	44.36 1.25 0.00	37.95 0.96 0.00
RUSSELL__1 23602	31.97 -2.19 0.00	28.24 -2.42 0.00	25.19 -2.07 0.00	24.38 -1.89 0.00	25.37 -1.76 0.00	27.29 -2.15 0.04	33.27 -2.53 1.45	34.83 -2.40 0.81	30.90 -1.87 0.04	28.66 -1.64 0.00	29.17 -1.54 0.00	29.68 -1.37 0.00	29.86 -1.70 0.00	32.33 -2.01 0.34	34.65 -2.11 0.21	34.88 -2.09 0.29	38.14 -2.18 1.59	47.83 -2.23 1.73	61.09 -2.32 2.78	64.70 -2.69 3.39	62.16 -2.79 3.04	50.60 -2.40 2.80	39.57 -2.46 1.07	35.35 -1.63 0.00
RUSSELL__2 23532	31.97 -2.19 0.00	28.24 -2.42 0.00	25.19 -2.07 0.00	24.38 -1.89 0.00	25.37 -1.76 0.00	27.29 -2.15 0.04	33.27 -2.53 1.45	34.83 -2.40 0.81	30.90 -1.87 0.04	28.66 -1.64 0.00	29.17 -1.54 0.00	29.68 -1.37 0.00	29.86 -1.70 0.00	32.33 -2.01 0.34	34.65 -2.11 0.21	34.88 -2.09 0.29	38.14 -2.18 1.59	47.83 -2.23 1.73	61.09 -2.32 2.78	64.70 -2.69 3.39	62.16 -2.79 3.04	50.60 -2.40 2.80	39.57 -2.46 1.07	35.35 -1.63 0.00
RUSSELL__3 23549	31.97 -2.19 0.00	28.24 -2.42 0.00	25.19 -2.07 0.00	24.38 -1.89 0.00	25.37 -1.76 0.00	27.29 -2.15 0.04	33.27 -2.53 1.45	34.83 -2.40 0.81	30.90 -1.87 0.04	28.66 -1.64 0.00	29.17 -1.54 0.00	29.68 -1.37 0.00	29.86 -1.70 0.00	32.33 -2.01 0.34	34.65 -2.11 0.21	34.88 -2.09 0.29	38.14 -2.18 1.59	47.83 -2.23 1.73	61.09 -2.32 2.78	64.70 -2.69 3.39	62.16 -2.79 3.04	50.60 -2.40 2.80	39.57 -2.46 1.07	35.35 -1.63 0.00
RUSSELL__4 23556	31.97 -2.19 0.00	28.24 -2.42 0.00	25.19 -2.07 0.00	24.38 -1.89 0.00	25.37 -1.76 0.00	27.29 -2.15 0.04	33.27 -2.53 1.45	34.83 -2.40 0.81	30.90 -1.87 0.04	28.66 -1.64 0.00	29.17 -1.54 0.00	29.68 -1.37 0.00	29.86 -1.70 0.00	32.33 -2.01 0.34	34.65 -2.11 0.21	34.88 -2.09 0.29	38.14 -2.18 1.59	47.83 -2.23 1.73	61.09 -2.32 2.78	64.70 -2.69 3.39	62.16 -2.79 3.04	50.60 -2.40 2.80	39.57 -2.46 1.07	35.35 -1.63 0.00
RUSSELL__STATION 23914	31.97 -2.19 0.00	28.24 -2.42 0.00	25.19 -2.07 0.00	24.38 -1.89 0.00	25.37 -1.76 0.00	27.29 -2.15 0.04	33.27 -2.53 1.45	34.83 -2.40 0.81	30.90 -1.87 0.04	28.66 -1.64 0.00	29.17 -1.54 0.00	29.68 -1.37 0.00	29.86 -1.70 0.00	32.33 -2.01 0.34	34.65 -2.11 0.21	34.88 -2.09 0.29	38.14 -2.18 1.59	47.83 -2.23 1.73	61.09 -2.32 2.78	64.70 -2.69 3.39	62.16 -2.79 3.04	50.60 -2.40 2.80	39.57 -2.46 1.07	35.35 -1.63 0.00

S SALMON___HYD 24043	33.71 -0.45 0.00	30.15 -0.52 0.00	26.80 -0.46 0.00	25.88 -0.39 0.00	26.71 -0.44 0.00	29.11 -0.38 0.00	36.76 -0.49 0.00	37.28 -0.76 0.00	32.13 -0.69 0.00	29.60 -0.70 0.00	29.94 -0.77 0.00	30.37 -0.68 0.00	30.87 -0.69 0.00	33.84 -0.83 0.00	36.04 -0.92 0.00	36.21 -1.04 0.00	41.03 -1.09 -0.21	53.22 -1.19 -2.62	68.89 -1.06 -3.77	72.59 -0.64 -2.45	69.23 -0.61 -1.86	56.87 -0.45 -1.52	42.77 -0.73 -0.39	36.58 -0.41 0.00
S.PERRY___115KV_TB1 80734	32.70 -1.54 -0.08	29.03 -1.72 -0.08	25.82 -1.53 -0.08	24.99 -1.37 -0.08	26.03 -1.19 -0.08	29.03 -1.27 -0.81	62.52 -1.34 -26.62	51.31 -1.64 -14.91	32.08 -1.54 -0.81	28.80 -1.58 -0.08	29.04 -1.66 0.00	29.70 -1.43 -0.08	30.04 -1.61 -0.08	39.05 -1.80 -6.18	38.89 -1.85 -3.78	40.75 -1.75 -5.25	51.88 -1.63 -11.60	71.83 -1.14 -21.19	108.65 -0.40 -42.86	104.16 0.28 -33.10	89.14 0.27 -20.88	76.94 0.11 -21.03	56.04 -0.73 -13.67	36.40 -0.67 -0.08
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.17 -3.96 0.02	26.78 -3.86 0.02	23.81 -3.44 0.02	22.99 -3.26 0.02	23.92 -3.20 0.02	25.74 -3.51 0.25	25.59 -4.10 7.56	29.92 -3.88 4.24	29.39 -3.18 0.24	27.31 -2.97 0.02	27.78 -2.92 0.00	28.23 -2.79 0.02	28.45 -3.09 0.02	29.51 -3.40 1.77	32.33 -3.55 1.09	32.24 -3.50 1.51	33.82 -3.73 4.36	41.01 -4.09 6.69	48.43 -5.03 12.72	54.04 -5.66 11.08	55.12 -5.71 7.16	43.09 -4.91 7.81	34.60 -4.27 4.24	33.45 -3.51 0.02
SAWYER___23_KV_LOAD 55526	30.17 -3.96 0.02	26.78 -3.86 0.02	23.81 -3.44 0.02	22.99 -3.26 0.02	23.92 -3.20 0.02	25.74 -3.51 0.25	25.59 -4.10 7.56	29.92 -3.88 4.24	29.39 -3.18 0.24	27.31 -2.97 0.02	27.78 -2.92 0.00	28.23 -2.79 0.02	28.45 -3.09 0.02	29.51 -3.40 1.77	32.33 -3.55 1.09	32.24 -3.50 1.51	33.82 -3.73 4.36	41.01 -4.09 6.69	48.43 -5.03 12.72	54.04 -5.66 11.08	55.12 -5.71 7.16	43.09 -4.91 7.81	34.60 -4.27 4.24	33.45 -3.51 0.02
SELKIRK___I 23801	34.98 0.82 0.00	31.53 0.86 0.00	28.06 0.79 0.00	27.01 0.73 0.00	27.88 0.73 0.00	30.23 0.74 0.00	37.95 0.71 0.00	38.64 0.61 0.00	33.18 0.36 0.00	30.57 0.27 0.00	30.98 0.28 0.00	31.27 0.22 0.00	31.82 0.25 0.00	34.95 0.28 0.00	37.33 0.37 0.00	37.81 0.56 0.00	42.54 0.63 0.00	52.51 0.72 0.00	67.38 1.19 0.00	72.12 1.34 0.00	69.48 1.49 0.00	57.09 1.28 0.00	44.31 1.21 0.00	37.87 0.89 0.00
SELKIRK___II 23799	34.81 0.65 0.00	31.34 0.67 0.00	27.92 0.65 0.00	26.88 0.60 0.00	27.74 0.60 0.00	30.11 0.62 0.00	37.81 0.56 0.00	38.61 0.57 0.00	33.21 0.40 0.00	30.66 0.36 0.00	31.04 0.34 0.00	31.36 0.31 0.00	31.92 0.35 0.00	35.06 0.38 0.00	37.44 0.48 0.00	37.88 0.63 0.00	42.62 0.71 0.00	52.51 0.72 0.00	67.11 0.93 0.00	71.70 0.92 0.00	69.00 1.02 0.00	56.64 0.84 0.00	44.05 0.95 0.00	37.65 0.67 0.00
SENECA OSWGO___HYD 24041	33.14 -1.02 0.00	29.63 -1.04 0.00	26.34 -0.93 0.00	25.44 -0.84 0.00	26.30 -0.84 0.00	28.58 -0.91 0.00	36.13 -1.12 0.00	36.82 -1.22 0.00	31.80 -1.02 0.00	29.33 -0.97 0.00	29.72 -0.98 0.00	30.12 -0.93 0.00	30.59 -0.98 0.00	33.56 -1.11 0.00	35.78 -1.18 0.00	35.87 -1.38 0.00	41.05 -1.47 -0.61	54.20 -1.71 -4.12	69.95 -2.05 -5.82	72.90 -2.05 -4.17	69.32 -2.04 -3.37	56.97 -1.62 -2.79	42.38 -1.42 -0.69	36.02 -0.96 0.00
SENECA___115KV_TB3 355854	30.65 -3.48 0.03	27.33 -3.31 0.03	24.19 -3.05 0.03	23.39 -2.86 0.03	24.19 -2.93 0.03	26.33 -2.89 0.27	25.46 -3.35 8.44	30.11 -3.20 4.73	29.96 -2.59 0.26	27.73 -2.54 0.03	28.06 -2.64 0.00	28.51 -2.51 0.03	29.05 -2.49 0.03	29.93 -2.78 1.97	32.87 -2.88 1.21	32.78 -2.79 1.68	34.31 -2.89 4.71	41.43 -3.01 7.35	48.53 -3.58 14.08	54.60 -4.11 12.08	56.26 -4.22 7.51	43.62 -3.74 8.45	34.97 -3.45 4.69	33.82 -3.14 0.03
SENECA___ENERGY 23797	33.76 -0.41 -0.01	30.22 -0.46 -0.01	26.79 -0.49 -0.01	25.84 -0.45 -0.01	26.78 -0.38 -0.01	29.38 -0.24 -0.12	41.21 -0.15 -4.11	40.00 -0.34 -2.30	32.61 -0.33 -0.12	29.89 -0.42 -0.01	30.18 -0.52 0.00	30.69 -0.37 -0.01	31.20 -0.38 -0.01	35.24 -0.38 -0.95	37.17 -0.37 -0.58	37.65 -0.41 -0.81	43.55 -0.25 -1.89	57.11 0.16 -5.16	76.15 0.59 -9.38	78.60 0.99 -6.83	73.30 0.82 -4.50	60.75 0.67 -4.28	45.62 0.13 -2.38	37.00 0.00 -0.01
SHOEMAKER___GT 23640	35.01 0.85 0.00	31.65 0.98 0.00	28.17 0.90 0.00	27.04 0.76 0.00	27.90 0.76 0.00	30.29 0.80 0.00	38.29 1.04 0.00	39.33 1.29 0.00	34.10 1.28 0.00	31.57 1.27 0.00	32.05 1.35 0.00	32.36 1.30 0.00	32.96 1.39 0.00	36.27 1.60 0.00	38.70 1.74 0.00	39.15 1.90 0.00	43.96 2.05 0.00	54.33 2.54 0.00	69.36 3.18 0.00	73.97 3.19 0.00	70.90 2.92 0.00	57.92 2.12 0.00	44.78 1.68 0.00	38.24 1.26 0.00
SHOEMAKR_138KV_BK 111 55601	35.08 0.92 0.00	31.65 0.98 0.00	28.17 0.90 0.00	27.09 0.81 0.00	27.93 0.79 0.00	30.32 0.83 0.00	38.33 1.08 0.00	39.37 1.33 0.00	34.13 1.31 0.00	31.60 1.30 0.00	32.11 1.41 0.00	32.39 1.34 0.00	33.02 1.45 0.00	36.30 1.63 0.00	38.73 1.77 0.00	39.19 1.94 0.00	44.05 2.14 0.00	54.38 2.59 0.00	69.36 3.18 0.00	73.96 3.19 0.00	70.91 2.92 0.00	57.92 2.12 0.00	44.79 1.68 0.00	38.24 1.26 0.00
SHOREHAM_IC_1 23715	41.32 2.67 -4.50	33.47 2.73 -0.07	29.73 2.46 -0.01	28.48 2.21 0.00	29.45 2.31 0.00	32.00 2.51 -0.01	41.01 3.28 -0.48	46.16 3.62 -4.50	36.17 3.35 0.00	33.51 3.21 0.00	34.15 3.44 -0.01	34.41 3.35 -0.01	35.46 3.50 -0.39	42.05 3.71 -3.67	43.67 3.77 -2.94	49.67 3.84 -8.58	53.27 4.06 -7.29	64.05 5.23 -7.03	85.76 6.29 -13.29	80.48 6.86 -2.84	80.06 6.73 -5.35	67.54 5.19 -6.55	56.72 3.88 -9.73	45.33 3.18 -5.17
SHOREHAM_IC_2 23716	41.32 2.67 -4.50	33.47 2.73 -0.07	29.73 2.46 -0.01	28.48 2.21 0.00	29.45 2.31 0.00	32.00 2.51 -0.01	41.01 3.28 -0.48	46.16 3.62 -4.50	36.17 3.35 0.00	33.51 3.21 0.00	34.15 3.44 -0.01	34.41 3.35 -0.01	35.46 3.50 -0.39	42.05 3.71 -3.67	43.67 3.77 -2.94	49.67 3.84 -8.58	53.27 4.06 -7.29	64.05 5.23 -7.03	85.76 6.29 -13.29	80.48 6.86 -2.84	80.06 6.73 -5.35	67.54 5.19 -6.55	56.72 3.88 -9.73	45.33 3.18 -5.17
SISSONVILLE____ 23735	34.12 -0.03 0.00	30.58 -0.09 0.00	27.10 -0.16 0.00	26.15 -0.13 0.00	26.98 -0.16 0.00	29.40 -0.09 0.00	37.10 -0.15 0.00	37.58 -0.46 0.00	32.29 -0.53 0.00	29.72 -0.58 0.00	30.09 -0.61 0.00	30.49 -0.56 0.00	30.81 -0.76 0.00	33.84 -0.83 0.00	35.96 -1.00 0.00	36.06 -1.19 0.00	40.44 -1.47 0.00	50.27 -1.86 -0.35	64.45 -2.25 -0.52	69.16 -1.91 -0.30	66.49 -1.70 -0.20	54.74 -1.23 -0.16	41.99 -1.16 -0.04	36.02 -0.96 0.00
SITHE_IND_GS1 24169	33.00 -1.16 0.00	29.53 -1.13 0.00	26.26 -1.01 0.00	25.36 -0.92 0.00	26.19 -0.95 0.00	28.46 -1.03 0.00	35.94 -1.30 0.00	36.71 -1.33 0.00	31.70 -1.12 0.00	29.27 -1.03 0.00	29.66 -1.04 0.00	30.03 -1.02 0.00	30.50 -1.07 0.00	33.46 -1.21 0.00	35.63 -1.33 0.00	35.69 -1.56 0.00	34.34 -1.72 5.85	35.34 -2.02 14.43	44.85 -2.51 18.82	49.23 -2.62 18.93	47.57 -2.51 17.90	38.53 -2.06 15.20	37.95 -1.73 3.43	35.80 -1.18 0.00

SITHE_IND_GS2 24170	33.00 -1.16 0.00	29.53 -1.13 0.00	26.26 -1.01 0.00	25.36 -0.92 0.00	26.19 -0.95 0.00	28.46 -1.03 0.00	35.94 -1.30 0.00	36.71 -1.33 0.00	31.70 -1.12 0.00	29.27 -1.03 0.00	29.66 -1.04 0.00	30.03 -1.02 0.00	30.50 -1.07 0.00	33.46 -1.21 0.00	35.63 -1.33 0.00	35.69 -1.56 0.00	34.34 -1.72 5.85	35.34 -2.02 14.43	44.85 -2.51 18.82	49.23 -2.62 18.93	47.57 -2.51 17.90	38.53 -2.06 15.20	37.95 -1.73 3.43	35.80 -1.18 0.00
SITHE_IND_GS3 24171	33.00 -1.16 0.00	29.53 -1.13 0.00	26.26 -1.01 0.00	25.36 -0.92 0.00	26.19 -0.95 0.00	28.46 -1.03 0.00	35.94 -1.30 0.00	36.71 -1.33 0.00	31.70 -1.12 0.00	29.27 -1.03 0.00	29.66 -1.04 0.00	30.03 -1.02 0.00	30.50 -1.07 0.00	33.46 -1.21 0.00	35.63 -1.33 0.00	35.69 -1.56 0.00	34.34 -1.72 5.85	35.34 -2.02 14.43	44.85 -2.51 18.82	49.23 -2.62 18.93	47.57 -2.51 17.90	38.53 -2.06 15.20	37.95 -1.73 3.43	35.80 -1.18 0.00
SITHE_IND_GS4 24172	33.00 -1.16 0.00	29.53 -1.13 0.00	26.26 -1.01 0.00	25.36 -0.92 0.00	26.19 -0.95 0.00	28.46 -1.03 0.00	35.94 -1.30 0.00	36.71 -1.33 0.00	31.70 -1.12 0.00	29.27 -1.03 0.00	29.66 -1.04 0.00	30.03 -1.02 0.00	30.50 -1.07 0.00	33.46 -1.21 0.00	35.63 -1.33 0.00	35.69 -1.56 0.00	34.34 -1.72 5.85	35.34 -2.02 14.43	44.85 -2.51 18.82	49.23 -2.62 18.93	47.57 -2.51 17.90	38.53 -2.06 15.20	37.95 -1.73 3.43	35.80 -1.18 0.00
SITHE___BATAVIA 24024	31.17 -2.97 0.01	27.25 -3.41 0.01	24.25 -3.00 0.01	23.69 -2.57 0.01	24.50 -2.63 0.01	26.40 -2.95 0.14	29.43 -3.20 4.62	32.40 -3.04 2.59	29.98 -2.69 0.15	27.77 -2.51 0.01	28.24 -2.46 0.00	28.74 -2.30 0.01	29.03 -2.53 0.01	30.85 -2.74 1.08	33.45 -2.85 0.66	33.50 -2.83 0.92	36.05 -2.85 3.01	44.50 -3.01 4.28	55.10 -3.18 7.91	59.78 -3.61 7.39	58.61 -3.81 5.57	47.20 -3.24 5.36	37.20 -3.19 2.71	34.35 -2.63 0.01
SITHE___INDEPEND 23800	32.96 -1.20 0.00	29.53 -1.13 0.00	26.26 -1.01 0.00	25.33 -0.95 0.00	26.19 -0.95 0.00	28.43 -1.06 0.00	35.95 -1.30 0.00	36.71 -1.33 0.00	31.70 -1.12 0.00	29.27 -1.03 0.00	29.66 -1.04 0.00	30.03 -1.02 0.00	30.50 -1.07 0.00	33.46 -1.21 0.00	35.63 -1.33 0.00	35.69 -1.56 0.00	34.30 -1.76 5.85	35.34 -2.02 14.43	44.85 -2.52 18.82	49.23 -2.62 18.93	47.57 -2.52 17.90	38.53 -2.06 15.20	37.95 -1.72 3.43	35.80 -1.18 0.00
SITHE___MASSENA 23902	34.37 0.21 0.00	30.82 0.15 0.00	27.32 0.05 0.00	26.36 0.08 0.00	27.23 0.08 0.00	29.64 0.15 0.00	37.47 0.22 0.00	38.15 0.11 0.00	32.85 0.03 0.00	30.30 0.00 0.00	30.70 0.00 0.00	31.08 0.03 0.00	31.54 -0.03 0.00	34.74 0.07 0.00	36.92 -0.04 0.00	37.21 -0.04 0.00	41.91 0.00 0.00	51.68 -0.10 0.00	65.86 -0.33 0.00	70.64 -0.14 0.00	67.92 -0.07 0.00	55.86 0.06 0.00	43.11 0.00 0.00	36.91 -0.07 0.00
SITHE___OGDNSBRG 24021	34.67 0.51 0.00	31.07 0.40 0.00	27.54 0.27 0.00	26.57 0.29 0.00	27.41 0.27 0.00	29.90 0.41 0.00	37.73 0.48 0.00	38.19 0.15 0.00	32.79 -0.03 0.00	30.15 -0.15 0.00	30.52 -0.18 0.00	30.90 -0.16 0.00	31.32 -0.25 0.00	34.47 -0.21 0.00	36.63 -0.33 0.00	36.88 -0.37 0.00	41.49 -0.42 0.00	51.22 -0.57 0.00	65.59 -0.60 0.00	70.78 0.00 0.00	68.26 0.27 0.00	56.25 0.45 0.00	43.23 0.13 0.00	37.02 0.04 0.00
SITHE___STERLING 23777	34.60 0.44 0.00	30.97 0.31 0.00	27.57 0.30 0.00	26.57 0.29 0.00	27.41 0.27 0.00	29.90 0.41 0.00	37.70 0.45 0.00	38.27 0.23 0.00	32.95 0.13 0.00	30.36 0.06 0.00	30.67 -0.03 0.00	31.11 0.06 0.00	31.66 0.09 0.00	34.81 0.14 0.00	37.11 0.15 0.00	37.36 0.11 0.00	41.93 0.21 0.19	52.83 0.52 -0.52	68.15 1.12 -0.84	72.63 1.63 -0.22	69.60 1.63 0.01	57.10 1.34 0.04	43.85 0.73 -0.02	37.58 0.59 0.00
SLEIGHT__34_KV_TB1 80719	32.31 -1.84 0.00	28.71 -1.96 0.00	25.55 -1.72 0.00	24.70 -1.58 0.00	25.68 -1.47 0.00	27.78 -1.71 0.00	35.19 -2.05 0.01	35.98 -2.05 0.01	31.18 -1.64 0.00	28.81 -1.48 0.00	29.26 -1.44 0.00	29.75 -1.30 0.00	30.02 -1.55 0.00	32.87 -1.80 0.00	35.07 -1.88 0.00	35.31 -1.94 0.00	39.17 -2.01 0.73	49.61 -2.07 0.10	64.07 -2.25 -0.14	67.50 -2.34 0.94	64.26 -2.45 1.27	52.63 -2.06 1.11	40.82 -2.07 0.21	35.58 -1.41 0.00
SOUTH CAIRO___GT 23612	35.35 1.20 0.00	31.80 1.13 0.00	28.33 1.06 0.00	27.28 1.00 0.00	28.09 0.95 0.00	30.49 1.00 0.00	38.22 0.97 0.00	38.76 0.72 0.00	33.15 0.33 0.00	30.42 0.12 0.00	30.79 0.09 0.00	31.08 0.03 0.00	31.66 0.09 0.00	34.95 0.28 0.00	37.33 0.37 0.00	37.88 0.63 0.00	42.79 0.88 0.00	53.19 1.40 0.00	68.83 2.65 0.00	73.82 3.04 0.00	71.04 3.06 0.00	58.42 2.62 0.00	45.17 2.07 0.00	38.54 1.55 0.00
SOUTH HAMPTN___IC 23720	41.52 2.87 -4.49	33.68 2.94 -0.07	29.92 2.64 -0.01	28.64 2.37 0.00	29.64 2.50 0.00	32.24 2.74 -0.01	41.34 3.61 -0.48	46.53 3.99 -4.50	36.49 3.67 0.00	33.84 3.54 0.00	34.55 3.84 -0.01	34.82 3.76 -0.01	35.87 3.91 -0.39	42.53 4.19 -3.66	44.18 4.29 -2.94	50.21 4.39 -8.57	53.93 4.73 -7.28	64.92 6.11 -7.02	86.93 7.48 -13.27	81.54 7.93 -2.84	80.93 7.61 -5.34	68.25 5.91 -6.54	57.13 4.31 -9.71	45.62 3.48 -5.16
SOUTHDOW__115KV_TB1 355954	31.33 -2.80 0.02	28.31 -2.33 0.02	24.98 -2.26 0.02	24.05 -2.21 0.02	24.81 -2.31 0.02	27.25 -2.01 0.24	27.68 -1.97 7.59	31.99 -1.79 4.26	31.21 -1.38 0.23	28.73 -1.55 0.02	28.92 -1.78 0.00	29.32 -1.71 0.02	30.09 -1.45 0.02	31.34 -1.56 1.77	34.28 -1.59 1.09	34.25 -1.49 1.51	36.21 -1.42 4.27	44.18 -0.98 6.62	52.46 -1.06 12.67	58.52 -1.34 10.91	59.67 -1.50 6.81	46.31 -1.84 7.65	36.85 -2.03 4.23	34.45 -2.52 0.02
SOUTHOLD_69_KV_BK 2 55809	41.83 3.18 -4.49	33.90 3.16 -0.07	30.11 2.84 -0.01	28.88 2.60 0.00	29.83 2.69 0.00	32.57 3.07 -0.01	41.68 3.95 -0.48	46.91 4.37 -4.50	36.89 4.07 0.00	34.21 3.91 0.00	34.95 4.24 -0.01	35.25 4.19 -0.01	36.37 4.42 -0.39	43.02 4.68 -3.66	44.74 4.84 -2.94	50.89 5.07 -8.57	54.68 5.49 -7.28	65.85 7.04 -7.02	88.12 8.67 -13.27	82.82 9.20 -2.84	81.96 8.63 -5.34	69.04 6.70 -6.54	57.56 4.74 -9.72	45.92 3.77 -5.16
SOUTHOLD___IC 23719	41.69 3.04 -4.49	33.90 3.16 -0.07	30.11 2.84 -0.01	28.80 2.52 0.00	29.83 2.69 0.00	32.51 3.01 -0.01	41.67 3.95 -0.48	46.91 4.37 -4.50	36.89 4.07 0.00	34.21 3.91 0.00	34.95 4.24 -0.01	35.25 4.19 -0.01	36.34 4.39 -0.39	43.02 4.68 -3.66	44.74 4.84 -2.94	50.77 4.95 -8.57	54.64 5.45 -7.28	65.85 7.04 -7.02	88.12 8.67 -13.27	82.68 9.06 -2.84	81.96 8.63 -5.34	69.03 6.69 -6.54	57.56 4.74 -9.72	45.92 3.77 -5.16
SOUTH_FORK_WT_PWR 323839	41.55 2.90 -4.49	33.80 3.07 -0.07	30.06 2.78 -0.01	28.72 2.44 0.00	29.75 2.61 0.00	32.48 2.98 -0.01	41.64 3.91 -0.48	46.91 4.37 -4.50	36.89 4.07 0.00	34.24 3.94 0.00	35.01 4.30 -0.01	35.31 4.25 -0.01	36.41 4.45 -0.39	43.09 4.75 -3.66	44.78 4.88 -2.94	50.77 4.95 -8.57	54.64 5.45 -7.28	65.80 6.99 -7.02	88.12 8.67 -13.27	82.68 9.06 -2.84	81.82 8.50 -5.34	68.92 6.58 -6.54	57.48 4.66 -9.71	45.77 3.63 -5.16

SPIERFLS_115KV_TB 1 80737	35.70 1.54 0.00	32.14 1.47 0.00	28.74 1.47 0.00	27.67 1.39 0.00	28.58 1.44 0.00	31.05 1.56 0.00	39.04 1.79 0.00	39.67 1.64 0.00	33.90 1.08 0.00	31.15 0.85 0.00	31.53 0.83 0.00	31.83 0.78 0.00	32.39 0.82 0.00	35.54 0.87 0.00	38.00 1.03 0.00	38.67 1.42 0.00	43.84 1.93 0.00	53.86 2.07 0.00	69.56 3.38 0.00	74.53 3.75 0.00	71.65 3.67 0.00	59.26 3.46 0.00	45.73 2.63 0.00	39.13 2.15 0.00
ST LAWRENCE____ 23600	34.16 0.00 0.00	30.64 -0.03 0.00	27.19 -0.08 0.00	26.22 -0.05 0.00	27.09 -0.05 0.00	29.43 -0.06 0.00	37.25 0.00 0.00	37.96 -0.08 0.00	32.72 -0.10 0.00	30.18 -0.12 0.00	30.61 -0.09 0.00	30.96 -0.09 0.00	31.44 -0.13 0.00	34.57 -0.10 0.00	36.81 -0.15 0.00	37.10 -0.15 0.00	41.74 -0.17 0.00	51.53 -0.26 0.00	65.65 -0.53 0.00	70.29 -0.49 0.00	67.58 -0.41 0.00	55.58 -0.22 0.00	42.89 -0.21 0.00	36.73 -0.26 0.00
STATE_CA_115KV_115_LB 55624	35.05 0.89 0.00	31.56 0.89 0.00	28.14 0.87 0.00	27.09 0.81 0.00	27.90 0.76 0.00	30.32 0.83 0.00	37.88 0.63 0.00	38.65 0.61 0.00	33.18 0.36 0.00	30.60 0.30 0.00	30.98 0.28 0.00	31.27 0.22 0.00	31.82 0.25 0.00	34.92 0.24 0.00	37.33 0.37 0.00	37.88 0.63 0.00	42.70 0.80 0.00	52.46 0.67 0.00	67.24 1.06 0.00	71.91 1.13 0.00	69.21 1.22 0.00	56.81 1.00 0.00	44.23 1.12 0.00	37.76 0.78 0.00
STATE_ST_34_KV_LOAD 55959	33.65 -0.51 -0.01	30.12 -0.55 -0.01	26.76 -0.52 -0.01	25.81 -0.47 -0.01	26.74 -0.41 -0.01	29.13 -0.41 -0.06	38.75 -0.41 -1.91	38.58 -0.53 -1.07	32.42 -0.46 -0.06	29.82 -0.48 -0.01	30.18 -0.52 0.00	30.62 -0.43 -0.01	31.10 -0.47 -0.01	34.60 -0.52 -0.44	36.68 -0.55 -0.27	37.03 -0.60 -0.38	42.20 -0.59 -0.88	54.90 -0.31 -3.43	71.99 -0.07 -5.87	75.03 0.21 -4.04	70.72 0.07 -2.67	58.38 0.11 -2.46	44.13 -0.22 -1.24	36.84 -0.15 -0.01
STATION 5_MISC_HYD 23604	32.14 -2.02 0.00	28.15 -2.51 0.00	25.08 -2.18 0.00	24.49 -1.79 0.00	25.32 -1.82 0.00	27.30 -2.15 0.04	33.26 -2.64 1.35	34.73 -2.55 0.75	30.81 -1.97 0.04	28.57 -1.73 0.00	29.07 -1.63 0.00	29.56 -1.49 0.00	29.86 -1.71 0.00	32.21 -2.15 0.31	34.51 -2.26 0.19	34.71 -2.27 0.27	38.02 -2.35 1.54	47.65 -2.48 1.65	60.84 -2.72 2.63	64.48 -3.04 3.26	61.91 -3.13 2.95	50.36 -2.73 2.71	39.41 -2.67 1.02	35.21 -1.77 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.21 -1.95 0.00	28.55 -2.12 0.00	25.44 -1.83 0.00	24.62 -1.66 0.00	25.59 -1.55 0.00	27.60 -1.86 0.03	33.90 -2.23 1.11	35.25 -2.17 0.62	31.08 -1.71 0.03	28.78 -1.51 0.00	29.26 -1.44 0.00	29.74 -1.30 0.00	29.99 -1.58 0.00	32.54 -1.87 0.26	34.84 -1.96 0.16	35.06 -1.97 0.22	38.54 -2.10 1.27	48.25 -2.18 1.36	61.71 -2.32 2.16	65.53 -2.55 2.70	62.88 -2.65 2.45	51.27 -2.29 2.25	40.02 -2.24 0.84	35.47 -1.52 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.76 -2.39 0.00	28.09 -2.58 0.00	25.06 -2.21 0.00	24.25 -2.02 0.00	25.24 -1.90 0.00	27.15 -2.30 0.04	33.09 -2.76 1.41	34.59 -2.66 0.79	30.71 -2.07 0.04	28.48 -1.82 0.00	28.98 -1.72 0.00	29.46 -1.58 0.00	29.64 -1.93 0.00	32.09 -2.25 0.33	34.39 -2.37 0.20	34.59 -2.38 0.28	37.83 -2.51 1.56	47.40 -2.69 1.69	60.49 -2.98 2.71	64.12 -3.33 3.33	61.58 -3.40 3.00	50.08 -2.96 2.76	39.25 -2.80 1.05	35.06 -1.92 0.00
STA_56____34_KV_BUS2 355983	31.76 -2.39 0.00	28.09 -2.58 0.00	25.06 -2.21 0.00	24.25 -2.02 0.00	25.24 -1.90 0.00	27.15 -2.30 0.04	33.09 -2.76 1.41	34.59 -2.66 0.79	30.71 -2.07 0.04	28.48 -1.82 0.00	28.98 -1.72 0.00	29.46 -1.58 0.00	29.64 -1.93 0.00	32.09 -2.25 0.33	34.39 -2.37 0.20	34.59 -2.38 0.28	37.83 -2.51 1.56	47.40 -2.69 1.69	60.49 -2.98 2.71	64.12 -3.33 3.33	61.58 -3.40 3.00	50.08 -2.96 2.76	39.25 -2.80 1.05	35.06 -1.92 0.00
STA_67____115KV_BK2 355882	31.80 -2.36 0.00	28.09 -2.58 0.00	25.08 -2.18 0.00	24.28 -2.00 0.00	25.29 -1.85 0.00	27.18 -2.27 0.04	33.21 -2.72 1.32	34.71 -2.59 0.74	30.74 -2.03 0.04	28.54 -1.76 0.00	29.04 -1.66 0.00	29.53 -1.52 0.00	29.70 -1.86 0.00	32.15 -2.22 0.31	34.44 -2.33 0.19	34.68 -2.31 0.26	37.95 -2.43 1.52	47.57 -2.59 1.63	60.75 -2.85 2.59	64.37 -3.19 3.22	61.80 -3.26 2.92	50.33 -2.79 2.69	39.38 -2.72 1.01	35.17 -1.81 0.00
STA_7____115KV_9TRANS 80674	31.97 -2.19 0.00	28.24 -2.42 0.00	25.19 -2.07 0.00	24.38 -1.89 0.00	25.37 -1.76 0.00	27.29 -2.15 0.04	33.27 -2.53 1.45	34.83 -2.40 0.81	30.90 -1.87 0.04	28.66 -1.64 0.00	29.17 -1.54 0.00	29.68 -1.37 0.00	29.86 -1.70 0.00	32.33 -2.01 0.34	34.65 -2.11 0.21	34.88 -2.09 0.29	38.14 -2.18 1.59	47.83 -2.23 1.73	61.09 -2.32 2.78	64.70 -2.69 3.39	62.16 -2.79 3.04	50.60 -2.40 2.80	39.57 -2.46 1.07	35.35 -1.63 0.00
STA_82____115KV_TB1 80780	31.76 -2.39 0.00	28.06 -2.61 0.00	25.06 -2.21 0.00	24.25 -2.02 0.00	25.24 -1.90 0.00	27.12 -2.33 0.04	33.19 -2.76 1.30	34.68 -2.62 0.73	30.71 -2.07 0.04	28.48 -1.82 0.00	29.01 -1.69 0.00	29.46 -1.58 0.00	29.64 -1.93 0.00	32.08 -2.29 0.30	34.37 -2.40 0.19	34.61 -2.38 0.26	37.88 -2.51 1.51	47.48 -2.69 1.61	60.65 -2.98 2.56	64.25 -3.33 3.20	61.68 -3.40 2.90	50.23 -2.90 2.67	39.31 -2.80 1.00	35.10 -1.89 0.00
STEEL____WIND 323596	30.61 -3.52 0.03	27.33 -3.31 0.03	24.19 -3.05 0.03	23.36 -2.89 0.03	24.19 -2.93 0.03	26.30 -2.92 0.27	25.46 -3.35 8.44	30.11 -3.20 4.73	29.93 -2.63 0.26	27.73 -2.54 0.03	28.06 -2.64 0.03	28.51 -2.51 0.03	29.02 -2.53 0.03	29.90 -2.81 1.97	32.83 -2.92 1.21	32.74 -2.83 1.68	34.26 -2.93 4.71	41.38 -3.06 7.35	48.46 -3.64 14.08	54.53 -4.18 12.08	56.20 -4.28 7.51	43.56 -3.80 8.45	34.93 -3.49 4.69	33.78 -3.18 0.03
STEPHTWN_115KV_BK_2 55603	35.12 0.96 0.00	31.62 0.95 0.00	28.20 0.93 0.00	27.14 0.87 0.00	27.96 0.81 0.00	30.37 0.88 0.00	37.99 0.74 0.00	38.72 0.68 0.00	33.24 0.43 0.00	30.63 0.33 0.00	31.01 0.31 0.00	31.30 0.25 0.00	31.85 0.28 0.00	34.95 0.28 0.00	37.37 0.41 0.00	37.96 0.71 0.00	42.83 0.92 0.00	52.67 0.88 0.00	67.57 1.39 0.00	72.26 1.49 0.00	69.55 1.56 0.00	57.14 1.34 0.00	44.44 1.34 0.00	37.91 0.92 0.00
STEBEN_REC_LFGE 323667	32.59 -1.64 -0.07	29.17 -1.56 -0.07	25.86 -1.47 -0.07	24.95 -1.39 -0.07	25.96 -1.25 -0.07	29.07 -1.09 -0.67	58.52 -1.01 -22.27	49.18 -1.33 -12.48	32.18 -1.31 -0.67	28.94 -1.42 -0.07	29.11 -1.60 0.00	29.72 -1.40 -0.07	30.21 -1.42 -0.07	38.38 -1.46 -5.17	38.60 -1.52 -3.16	40.26 -1.38 -4.38	50.55 -1.22 -9.86	69.79 -0.57 -18.57	103.20 -0.07 -37.08	99.97 0.57 -28.62	86.95 0.68 -18.28	74.48 0.45 -18.23	54.31 -0.39 -11.59	36.35 -0.70 -0.07
STILLWATER____SOLAR 323814	35.56 1.40 0.00	32.05 1.38 0.00	28.55 1.28 0.00	27.46 1.18 0.00	28.39 1.25 0.00	30.82 1.33 0.00	38.78 1.53 0.00	39.40 1.37 0.00	33.74 0.92 0.00	31.00 0.70 0.00	31.38 0.67 0.00	31.67 0.62 0.00	32.20 0.63 0.00	35.37 0.69 0.00	37.77 0.81 0.00	38.41 1.16 0.00	43.37 1.47 0.00	53.55 1.76 0.00	68.90 2.71 0.00	73.82 3.04 0.00	71.11 3.13 0.00	58.54 2.73 0.00	45.35 2.24 0.00	38.72 1.74 0.00

STONY___BROOK 24151	41.23 2.56 -4.51	33.41 2.67 -0.07	29.65 2.37 -0.01	28.40 2.13 0.00	29.37 2.23 0.00	31.89 2.39 -0.01	40.89 3.16 -0.48	46.09 3.54 -4.52	36.07 3.25 0.00	33.42 3.12 0.00	34.06 3.35 -0.01	34.35 3.29 -0.01	35.37 3.41 -0.39	41.99 3.64 -3.68	43.72 3.81 -2.95	49.81 3.95 -8.61	53.42 4.19 -7.32	64.13 5.28 -7.05	85.67 6.16 -13.33	80.14 6.51 -2.85	79.74 6.39 -5.36	67.28 4.91 -6.57	56.61 3.75 -9.76	45.24 3.07 -5.18
STURGEON_POOL_HYD 23609	35.49 1.33 0.00	32.05 1.38 0.00	28.50 1.23 0.00	27.43 1.16 0.00	28.23 1.09 0.00	30.64 1.15 0.00	38.74 1.49 0.00	39.86 1.83 0.00	34.62 1.81 0.00	32.09 1.79 0.00	32.64 1.93 0.00	32.88 1.83 0.00	33.56 1.99 0.00	36.96 2.29 0.00	39.44 2.48 0.00	39.93 2.68 0.00	44.84 2.93 0.00	55.47 3.68 0.00	70.75 4.57 0.00	75.31 4.53 0.00	72.13 4.15 0.00	58.81 3.01 0.00	45.43 2.33 0.00	38.76 1.78 0.00
ST_LAW_115_BK7_LBMP 345037	34.16 0.00 0.00	30.64 -0.03 0.00	27.19 -0.08 0.00	26.20 -0.08 0.00	27.06 -0.08 0.00	29.43 -0.06 0.00	37.21 -0.04 0.00	37.96 -0.08 0.00	32.69 -0.13 0.00	30.18 -0.12 0.00	30.58 -0.12 0.00	30.93 -0.12 0.00	31.41 -0.16 0.00	34.57 -0.10 0.00	36.78 -0.18 0.00	37.07 -0.19 0.00	41.70 -0.21 0.00	51.48 -0.31 0.00	65.59 -0.60 0.00	70.21 -0.57 0.00	67.51 -0.47 0.00	55.52 -0.28 0.00	42.85 -0.26 0.00	36.69 -0.30 0.00
ST_LAW_115_BK8_LBMP 345038	34.16 0.00 0.00	30.64 -0.03 0.00	27.19 -0.08 0.00	26.20 -0.08 0.00	27.06 -0.08 0.00	29.43 -0.06 0.00	37.21 -0.04 0.00	37.96 -0.08 0.00	32.69 -0.13 0.00	30.18 -0.12 0.00	30.58 -0.12 0.00	30.93 -0.12 0.00	31.41 -0.16 0.00	34.57 -0.10 0.00	36.78 -0.18 0.00	37.07 -0.19 0.00	41.70 -0.21 0.00	51.48 -0.31 0.00	65.59 -0.60 0.00	70.21 -0.57 0.00	67.51 -0.47 0.00	55.52 -0.28 0.00	42.85 -0.26 0.00	36.69 -0.30 0.00
ST_LAW_230_BK5_LBMP 345035	34.16 0.00 0.00	30.64 -0.03 0.00	27.19 -0.08 0.00	26.22 -0.05 0.00	27.09 -0.05 0.00	29.43 -0.06 0.00	37.25 0.00 0.00	37.96 -0.08 0.00	32.72 -0.10 0.00	30.18 -0.12 0.00	30.61 -0.09 0.00	30.96 -0.09 0.00	31.44 -0.13 0.00	34.57 -0.10 0.00	36.81 -0.15 0.00	37.10 -0.15 0.00	41.74 -0.17 0.00	51.53 -0.26 0.00	65.65 -0.53 0.00	70.29 -0.49 0.00	67.58 -0.41 0.00	55.58 -0.22 0.00	42.89 -0.21 0.00	36.73 -0.26 0.00
ST_LAW_230_BK6_LBMP 345036	34.16 0.00 0.00	30.64 -0.03 0.00	27.19 -0.08 0.00	26.22 -0.05 0.00	27.09 -0.05 0.00	29.43 -0.06 0.00	37.25 0.00 0.00	37.96 -0.08 0.00	32.72 -0.10 0.00	30.18 -0.12 0.00	30.61 -0.09 0.00	30.96 -0.09 0.00	31.44 -0.13 0.00	34.57 -0.10 0.00	36.81 -0.15 0.00	37.10 -0.15 0.00	41.74 -0.17 0.00	51.53 -0.26 0.00	65.65 -0.53 0.00	70.29 -0.49 0.00	67.58 -0.41 0.00	55.58 -0.22 0.00	42.89 -0.21 0.00	36.73 -0.26 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.25 1.09 0.00	31.80 1.13 0.00	28.30 1.04 0.00	27.25 0.97 0.00	28.07 0.92 0.00	30.46 0.97 0.00	38.48 1.23 0.00	39.60 1.56 0.00	34.36 1.54 0.00	31.84 1.55 0.00	32.36 1.66 0.00	32.63 1.58 0.00	33.27 1.70 0.00	36.58 1.91 0.00	39.03 2.07 0.00	39.52 2.27 0.00	44.42 2.51 0.00	54.79 3.00 0.00	69.82 3.64 0.00	74.39 3.61 0.00	71.25 3.26 0.00	58.20 2.40 0.00	45.00 1.90 0.00	38.43 1.44 0.00
SWANROAD_115KV_TB1 355699	29.29 -4.85 0.02	25.86 -4.78 0.02	23.05 -4.20 0.02	22.29 -3.97 0.02	23.24 -3.88 0.02	24.87 -4.42 0.20	26.20 -4.66 6.39	30.04 -4.41 3.59	28.48 -4.14 0.21	26.49 -3.79 0.02	27.02 -3.68 0.02	27.43 -3.60 0.02	27.54 -4.01 0.02	29.29 -3.88 1.50	31.97 -4.07 0.92	31.76 -4.21 1.28	33.26 -4.82 3.83	40.96 -5.08 5.75	48.97 -6.35 10.86	53.69 -7.36 9.73	53.31 -7.34 7.33	43.09 -5.86 6.85	34.51 -4.96 3.64	32.56 -4.40 0.02
SYNERGY___BIOGAS 323694	30.87 -3.28 0.01	27.25 -3.40 0.01	24.28 -2.97 0.01	23.50 -2.76 0.01	24.50 -2.63 0.01	26.34 -3.01 0.14	29.43 -3.20 4.62	32.41 -3.04 2.59	29.98 -2.69 0.15	27.77 -2.51 0.01	28.25 -2.46 0.00	28.74 -2.30 0.01	28.90 -2.65 0.01	30.86 -2.74 1.08	33.45 -2.85 0.66	33.50 -2.83 0.92	35.84 -3.06 3.01	44.51 -3.00 4.28	55.10 -3.18 7.91	59.78 -3.61 7.39	58.61 -3.81 5.57	47.20 -3.24 5.36	37.24 -3.15 2.71	34.35 -2.63 0.01
SYRACUSE___ENERGY_ST1 323597	33.61 -0.55 0.00	30.09 -0.58 0.00	26.75 -0.52 0.00	25.78 -0.50 0.00	26.68 -0.46 0.00	29.02 -0.47 0.00	36.69 -0.56 0.00	37.39 -0.65 0.00	32.29 -0.53 0.00	29.78 -0.52 0.00	30.15 -0.55 0.00	30.59 -0.47 0.00	31.06 -0.51 0.00	34.12 -0.55 0.00	36.33 -0.63 0.00	36.51 -0.75 0.00	41.15 -0.75 0.00	53.20 -0.73 -2.13	68.60 -0.73 -3.14	71.94 -0.64 -1.79	68.53 -0.68 -1.23	56.23 -0.56 -0.98	42.77 -0.60 -0.27	36.62 -0.37 0.00
SYRACUSE___ENERGY_ST2 323598	33.61 -0.55 0.00	30.09 -0.58 0.00	26.75 -0.52 0.00	25.78 -0.50 0.00	26.68 -0.46 0.00	29.02 -0.47 0.00	36.69 -0.56 0.00	37.39 -0.65 0.00	32.29 -0.53 0.00	29.78 -0.52 0.00	30.15 -0.55 0.00	30.59 -0.47 0.00	31.06 -0.51 0.00	34.12 -0.55 0.00	36.33 -0.63 0.00	36.51 -0.75 0.00	41.15 -0.75 0.00	53.20 -0.73 -2.13	68.60 -0.73 -3.14	71.94 -0.64 -1.79	68.53 -0.68 -1.23	56.23 -0.56 -0.98	42.77 -0.60 -0.27	36.62 -0.37 0.00
SYRACUSE___POWER 24017	33.54 -0.61 0.00	30.05 -0.61 0.00	26.70 -0.57 0.00	25.75 -0.53 0.00	26.65 -0.49 0.00	28.96 -0.53 0.00	36.65 -0.60 0.00	37.39 -0.65 0.00	32.26 -0.56 0.00	29.78 -0.52 0.00	30.15 -0.55 0.00	30.59 -0.47 0.00	31.06 -0.51 0.00	34.12 -0.55 0.00	36.37 -0.59 0.00	36.54 -0.71 0.00	40.90 -0.75 0.25	52.38 -0.67 -1.26	67.42 -0.73 -1.96	70.91 -0.64 -0.77	67.62 -0.68 -0.32	55.46 -0.56 -0.22	42.55 -0.65 -0.09	36.58 -0.41 0.00
TALLMAN__138KV_BK151 55660	35.42 1.26 0.00	31.99 1.32 0.00	28.47 1.20 0.00	27.41 1.13 0.00	28.23 1.09 0.00	30.64 1.15 0.00	38.70 1.45 0.00	39.86 1.83 0.00	34.66 1.84 0.00	32.15 1.85 0.00	32.67 1.96 0.00	32.95 1.89 0.00	33.59 2.02 0.00	36.93 2.25 0.00	39.40 2.44 0.00	39.90 2.64 0.00	44.80 2.89 0.00	55.21 3.42 0.00	70.22 4.04 0.00	74.81 4.03 0.00	71.65 3.67 0.00	58.48 2.68 0.00	45.26 2.16 0.00	38.61 1.63 0.00
TEALLAVE_115KV_TB7 355573	33.41 -0.75 0.00	29.93 -0.74 0.00	26.59 -0.68 0.00	25.65 -0.63 0.00	26.55 -0.60 0.00	28.84 -0.65 0.00	36.50 -0.74 0.00	37.24 -0.80 0.00	32.16 -0.66 0.00	29.66 -0.64 0.00	30.06 -0.64 0.00	30.49 -0.56 0.00	30.97 -0.60 0.00	33.98 -0.69 0.00	36.22 -0.74 0.00	36.39 -0.86 0.00	40.64 -0.92 0.34	51.82 -0.93 -0.96	66.69 -1.06 -1.56	70.20 -0.99 -0.41	66.89 -1.09 0.01	54.91 -0.84 0.06	42.27 -0.86 -0.03	36.43 -0.55 0.00
TELGRAPH_34_KV_EAST 80808	30.21 -3.93 0.02	26.70 -3.96 0.02	23.79 -3.46 0.02	23.00 -3.26 0.02	23.98 -3.15 0.02	25.72 -3.60 0.17	27.97 -3.87 5.41	31.35 -3.65 3.03	29.36 -3.28 0.17	27.25 -3.03 0.02	27.75 -2.95 0.00	28.21 -2.83 0.02	28.36 -3.19 0.02	30.19 -3.22 1.26	32.82 -3.36 0.78	32.75 -3.43 1.08	34.77 -3.77 3.36	42.99 -3.88 4.92	52.43 -4.57 9.18	57.16 -5.24 8.39	56.43 -5.37 6.19	45.38 -4.41 6.01	36.02 -3.97 3.12	33.60 -3.37 0.02

TEMPLE___115KV_TB 2 55572	33.44 -0.72 0.00	29.93 -0.74 0.00	26.61 -0.65 0.00	25.65 -0.63 0.00	26.55 -0.60 0.00	28.87 -0.62 0.00	36.50 -0.74 0.00	37.24 -0.80 0.00	32.16 -0.66 0.00	29.69 -0.61 0.00	30.09 -0.61 0.00	30.52 -0.53 0.00	30.97 -0.60 0.00	34.02 -0.66 0.00	36.26 -0.70 0.00	36.39 -0.86 0.00	40.64 -0.92 0.35	51.86 -0.88 -0.96	66.74 -0.99 -1.55	70.19 -0.99 -0.40	66.94 -1.02 0.02	54.89 -0.84 0.07	42.31 -0.82 -0.03	36.43 -0.55 0.00
TIANA___69_KV_BK 1 55817	41.59 2.94 -4.49	33.65 2.91 -0.07	29.87 2.59 -0.01	28.69 2.42 0.00	29.59 2.44 0.00	32.24 2.74 -0.01	41.27 3.54 -0.48	46.42 3.88 -4.50	36.40 3.58 0.00	33.75 3.45 0.00	34.43 3.71 -0.01	34.69 3.63 -0.01	35.77 3.82 -0.39	42.36 4.02 -3.66	44.04 4.14 -2.94	50.18 4.36 -8.57	53.80 4.61 -7.28	64.66 5.85 -7.02	86.60 7.15 -13.27	81.33 7.71 -2.84	80.66 7.34 -5.34	68.03 5.69 -6.54	57.00 4.18 -9.72	45.55 3.40 -5.16
TILDEN___115KV_TB1 80814	33.54 -0.61 0.00	30.05 -0.61 0.00	26.70 -0.57 0.00	25.75 -0.53 0.00	26.65 -0.49 0.00	28.96 -0.53 0.00	36.65 -0.60 0.00	37.39 -0.65 0.00	32.26 -0.56 0.00	29.78 -0.52 0.00	30.15 -0.55 0.00	30.59 -0.47 0.00	31.06 -0.51 0.00	34.12 -0.55 0.00	36.37 -0.59 0.00	36.54 -0.71 0.00	40.90 -0.75 0.25	52.38 -0.67 -1.26	67.42 -0.73 -1.96	70.91 -0.64 -0.77	67.62 -0.68 -0.32	55.46 -0.56 -0.22	42.55 -0.65 -0.09	36.58 -0.41 0.00
TRIGEN___CC 323695	43.85 1.88 -7.81	32.72 1.93 -0.12	29.00 1.72 -0.02	27.91 1.63 0.00	28.77 1.63 0.00	31.24 1.74 -0.02	40.22 2.20 -0.77	47.82 2.59 -7.20	35.31 2.49 0.00	32.75 2.45 0.00	33.36 2.64 -0.02	33.61 2.55 -0.02	34.92 2.68 -0.67	43.92 2.88 -6.37	45.14 3.07 -5.11	55.35 3.20 -14.90	57.97 3.39 -12.66	68.09 4.09 -12.21	94.09 4.83 -23.07	80.67 4.95 -4.93	81.82 4.55 -9.28	70.63 3.46 -11.37	62.75 2.76 -16.89	48.21 2.26 -8.97
TRINITY___115KV___ 4 BK 55933	34.94 0.79 0.00	31.47 0.80 0.00	28.06 0.79 0.00	27.01 0.74 0.00	27.85 0.71 0.00	30.23 0.74 0.00	37.81 0.56 0.00	38.53 0.49 0.00	33.11 0.30 0.00	30.54 0.24 0.00	30.92 0.21 0.00	31.21 0.16 0.00	31.76 0.19 0.00	34.85 0.17 0.00	37.29 0.33 0.00	37.81 0.56 0.00	42.58 0.67 0.00	52.31 0.52 0.00	66.98 0.79 0.00	71.56 0.78 0.00	68.94 0.95 0.00	56.58 0.78 0.00	44.10 0.99 0.00	37.65 0.67 0.00
UNION___PROCESSING_DRP 323587	31.76 -2.39 0.00	28.06 -2.61 0.00	25.06 -2.21 0.00	24.25 -2.02 0.00	25.27 -1.87 0.00	27.15 -2.30 0.04	33.13 -2.76 1.36	34.65 -2.62 0.76	30.71 -2.07 0.04	28.48 -1.82 0.00	29.01 -1.69 0.00	29.49 -1.55 0.00	29.64 -1.93 0.00	32.07 -2.29 0.32	34.40 -2.37 0.19	34.60 -2.38 0.27	37.86 -2.51 1.53	47.44 -2.69 1.65	60.57 -2.98 2.64	64.27 -3.26 3.26	61.66 -3.40 2.92	50.19 -2.90 2.71	39.28 -2.80 1.03	35.09 -1.89 0.00
UPPER HUDSON___HYD 24058	35.66 1.50 0.00	32.14 1.47 0.00	28.74 1.47 0.00	27.64 1.37 0.00	28.58 1.44 0.00	31.05 1.56 0.00	39.04 1.79 0.00	39.67 1.63 0.00	33.90 1.08 0.00	31.15 0.85 0.00	31.53 0.83 0.00	31.83 0.78 0.00	32.36 0.79 0.00	35.54 0.87 0.00	37.99 1.03 0.00	38.67 1.42 0.00	43.80 1.89 0.00	53.86 2.07 0.00	69.56 3.37 0.00	74.53 3.75 0.00	71.65 3.67 0.00	59.26 3.46 0.00	45.78 2.67 0.00	39.13 2.14 0.00
UPPER RAQUET___HYD 24056	34.12 -0.03 0.00	30.58 -0.09 0.00	27.11 -0.16 0.00	26.15 -0.13 0.00	26.98 -0.16 0.00	29.40 -0.09 0.00	37.10 -0.15 0.00	37.58 -0.45 0.00	32.29 -0.53 0.00	29.72 -0.58 0.00	30.09 -0.61 0.00	30.49 -0.56 0.00	30.81 -0.76 0.00	33.84 -0.83 0.00	35.96 -1.00 0.00	36.06 -1.19 0.00	40.44 -1.47 0.00	50.28 -1.86 -0.35	64.45 -2.25 -0.52	69.17 -1.91 -0.30	66.49 -1.70 -0.20	54.74 -1.23 -0.16	41.99 -1.16 -0.04	36.02 -0.96 0.00
VALLEY44___115KV_TB2 355964	31.34 -2.80 0.02	28.68 -1.96 0.02	25.12 -2.13 0.02	24.00 -2.26 0.02	24.60 -2.52 0.02	27.59 -1.68 0.22	28.49 -1.79 6.97	32.60 -1.52 3.91	31.52 -1.08 0.21	28.76 -1.51 0.02	28.61 -2.09 0.00	29.07 -1.96 0.02	30.19 -1.36 0.02	31.73 -1.32 1.63	34.67 -1.29 1.00	34.64 -1.23 1.38	36.77 -1.17 3.96	44.75 -0.93 6.11	53.40 -1.13 11.66	59.36 -1.34 10.08	60.34 -1.43 6.21	47.14 -1.56 7.10	37.48 -1.72 3.90	34.19 -2.77 0.02
VALLEY___115KV_TB 1-4 80826	34.60 0.44 0.00	31.07 0.40 0.00	27.62 0.35 0.00	26.62 0.34 0.00	27.44 0.30 0.00	29.87 0.38 0.00	37.70 0.45 0.00	38.38 0.34 0.00	33.15 0.33 0.00	30.63 0.33 0.00	30.98 0.28 0.00	31.33 0.28 0.00	31.82 0.25 0.00	34.85 0.17 0.00	37.11 0.15 0.00	37.36 0.11 0.00	41.99 0.08 0.00	51.84 0.05 0.00	66.45 0.26 0.00	71.20 0.42 0.00	68.46 0.48 0.00	56.42 0.61 0.00	43.67 0.56 0.00	37.50 0.52 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.98 0.82 0.00	31.44 0.77 0.00	27.95 0.68 0.00	26.93 0.66 0.00	27.77 0.62 0.00	30.26 0.77 0.00	38.34 1.08 -0.01	38.99 0.95 -0.01	33.64 0.82 0.00	31.09 0.79 0.00	31.41 0.71 0.00	31.80 0.75 0.00	32.42 0.85 0.00	35.65 0.97 0.00	38.03 1.07 0.00	38.48 1.23 0.00	43.30 1.38 -0.01	53.91 1.76 -0.37	69.18 2.45 -0.54	74.00 2.90 -0.32	71.01 2.79 -0.24	58.26 2.29 -0.17	44.80 1.64 -0.05	38.28 1.29 0.00
VISCHER___FERRY HYD 24020	35.32 1.16 0.00	31.80 1.14 0.00	28.33 1.06 0.00	27.25 0.97 0.00	28.15 1.00 0.00	30.58 1.09 0.00	38.44 1.19 0.00	39.18 1.14 0.00	33.60 0.79 0.00	30.96 0.67 0.00	31.28 0.58 0.00	31.58 0.53 0.00	32.17 0.60 0.00	35.30 0.62 0.00	37.77 0.81 0.00	38.29 1.04 0.00	43.12 1.22 0.00	53.19 1.40 0.00	68.17 1.98 0.00	72.76 1.98 0.00	70.16 2.17 0.00	57.64 1.84 0.00	44.87 1.77 0.00	38.28 1.29 0.00
V_A_10_SYNC_DSASP 323832	30.49 -3.66 0.01	26.85 -3.80 0.01	23.98 -3.27 0.01	23.24 -3.02 0.01	24.25 -2.88 0.01	25.87 -3.48 0.14	28.52 -4.13 4.59	31.51 -3.96 2.57	29.43 -3.25 0.14	27.44 -2.85 0.01	28.06 -2.64 0.00	28.49 -2.55 0.01	28.49 -3.06 0.01	30.11 -3.50 1.07	32.65 -3.66 0.65	32.70 -3.65 0.90	34.94 -3.94 3.03	43.06 -4.45 4.28	52.81 -5.49 7.89	57.18 -6.16 7.44	56.07 -6.12 5.80	45.26 -5.13 5.41	35.95 -4.44 2.71	33.79 -3.18 0.01
V_CMM_10_SYNC_DSASP 323787	34.26 0.10 0.00	30.76 0.09 0.00	27.27 0.00 0.00	26.30 0.03 0.00	27.17 0.03 0.00	29.55 0.06 0.00	37.40 0.15 0.00	38.11 0.08 0.00	32.82 0.00 0.00	30.27 -0.03 0.00	30.70 0.00 0.00	31.05 0.00 0.00	31.54 -0.03 0.00	34.71 0.03 0.00	36.92 -0.04 0.00	37.21 -0.04 0.00	41.91 0.00 0.00	51.68 -0.10 0.00	65.52 -0.66 0.00	70.14 -0.64 0.00	67.51 -0.48 0.00	55.69 -0.11 0.00	43.02 -0.09 0.00	36.84 -0.15 0.00
V_CMP_10_SYNC_DSASP 323788	34.60 0.44 0.00	31.04 0.37 0.00	27.51 0.25 0.00	26.51 0.24 0.00	27.39 0.24 0.00	29.81 0.32 0.00	37.73 0.48 0.00	38.46 0.42 0.00	33.15 0.33 0.00	30.57 0.27 0.00	30.98 0.28 0.00	31.33 0.28 0.00	31.82 0.25 0.00	35.06 0.38 0.00	37.29 0.33 0.00	37.59 0.34 0.00	42.33 0.42 0.00	52.20 0.41 0.00	66.58 0.40 0.00	71.27 0.50 0.00	68.46 0.48 0.00	56.19 0.39 0.00	43.28 0.17 0.00	36.95 -0.04 0.00

V_D_10_SYNC_DSASP 323841	34.36 0.20 0.00	30.82 0.15 0.00	27.32 0.05 0.00	26.36 0.08 0.00	27.22 0.08 0.00	29.64 0.15 0.00	37.51 0.26 0.00	38.15 0.11 0.00	32.85 0.03 0.00	30.30 0.00 0.00	30.70 0.00 0.00	31.08 0.03 0.00	31.57 0.00 0.00	34.74 0.07 0.00	36.96 0.00 0.00	37.21 -0.04 0.00	41.91 0.00 0.00	51.68 -0.10 0.00	65.85 -0.33 0.00	70.64 -0.14 0.00	67.92 -0.07 0.00	55.86 0.06 0.00	43.11 0.00 0.00	36.91 -0.07 0.00
V_E_10_SYNC_DSASP 323830	35.36 1.20 -0.01	31.62 0.95 -0.01	28.12 0.85 -0.01	27.10 0.81 -0.01	27.99 0.84 -0.01	30.76 1.21 -0.06	40.57 1.42 -1.91	40.06 0.95 -1.07	33.49 0.62 -0.05	30.70 0.39 0.00	30.82 0.12 0.00	31.30 0.25 -0.01	31.89 0.32 -0.01	35.54 0.45 -0.41	37.73 0.52 -0.25	38.12 0.52 -0.35	43.36 0.80 -0.65	55.64 1.61 -2.24	73.85 3.31 -4.35	78.25 4.53 -2.95	74.29 4.49 -1.82	61.26 3.74 -1.72	46.45 2.28 -1.06	38.73 1.74 -0.01
V_F_30_NSYNC___DSASP 323816	35.59 1.43 0.00	32.05 1.38 0.00	28.55 1.28 0.00	27.49 1.21 0.00	28.39 1.25 0.00	30.85 1.36 0.00	38.78 1.53 0.00	39.44 1.41 0.00	33.77 0.95 0.00	31.06 0.76 0.00	31.41 0.71 0.00	31.70 0.65 0.00	32.26 0.69 0.00	35.40 0.73 0.00	37.85 0.89 0.00	38.48 1.23 0.00	43.46 1.55 0.00	53.65 1.86 0.00	69.03 2.85 0.00	73.96 3.19 0.00	71.18 3.20 0.00	58.59 2.79 0.00	45.35 2.24 0.00	38.72 1.74 0.00
V_F_30_SYNC_DSASP 323786	35.05 0.89 0.00	31.56 0.89 0.00	28.14 0.87 0.00	27.09 0.81 0.00	27.90 0.76 0.00	30.29 0.80 0.00	37.88 0.63 0.00	38.65 0.61 0.00	33.18 0.36 0.00	30.57 0.27 0.00	30.95 0.25 0.00	31.27 0.22 0.00	31.82 0.25 0.00	34.92 0.24 0.00	37.33 0.37 0.00	37.88 0.63 0.00	42.70 0.80 0.00	52.46 0.67 0.00	67.24 1.06 0.00	71.84 1.06 0.00	69.21 1.22 0.00	56.81 1.00 0.00	44.23 1.12 0.00	37.76 0.78 0.00
V_XM_10_SYNC_DSASP 323789	34.60 0.44 0.00	31.04 0.37 0.00	27.51 0.25 0.00	26.51 0.24 0.00	27.39 0.24 0.00	29.81 0.32 0.00	37.73 0.48 0.00	38.46 0.42 0.00	33.15 0.33 0.00	30.57 0.27 0.00	30.98 0.28 0.00	31.33 0.28 0.00	31.82 0.25 0.00	35.06 0.38 0.00	37.29 0.33 0.00	37.59 0.34 0.00	42.33 0.42 0.00	52.20 0.41 0.00	66.58 0.40 0.00	71.27 0.50 0.00	68.46 0.48 0.00	56.19 0.39 0.00	43.28 0.17 0.00	36.95 -0.04 0.00
W.BABYLN_69_KV_BK1 56697	41.91 2.73 -5.02	33.45 2.70 -0.08	29.65 2.37 -0.01	28.51 2.23 0.00	29.40 2.25 0.00	31.95 2.45 -0.01	40.94 3.17 -0.52	46.53 3.58 -4.92	36.10 3.28 0.00	33.45 3.15 0.00	34.09 3.38 -0.01	34.35 3.29 -0.01	35.44 3.44 -0.43	42.44 3.68 -4.09	44.16 3.92 -3.28	50.93 4.10 -9.58	54.49 4.44 -8.14	65.08 5.44 -7.85	87.57 6.55 -14.83	80.89 6.94 -3.17	80.41 6.46 -5.97	68.08 4.97 -7.31	57.85 3.88 -10.86	45.93 3.18 -5.77
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.49 1.33 0.00	32.08 1.41 0.00	28.52 1.25 0.00	27.46 1.18 0.00	28.28 1.14 0.00	30.70 1.21 0.00	38.78 1.53 0.00	39.94 1.90 0.00	34.72 1.90 0.00	32.18 1.88 0.00	32.73 2.03 0.00	32.98 1.93 0.00	33.65 2.08 0.00	37.00 2.32 0.00	39.47 2.51 0.00	39.97 2.72 0.00	44.93 3.02 0.00	55.36 3.57 0.00	70.49 4.30 0.00	75.10 4.32 0.00	71.93 3.94 0.00	58.65 2.85 0.00	45.39 2.28 0.00	38.72 1.74 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.73 1.57 0.00	32.29 1.63 0.00	28.77 1.50 0.00	27.67 1.39 0.00	28.50 1.36 0.00	30.91 1.42 0.00	39.04 1.79 0.00	40.28 2.24 0.00	35.12 2.30 0.00	32.63 2.33 0.00	33.22 2.52 0.00	33.44 2.39 0.00	34.13 2.56 0.00	37.45 2.77 0.00	39.92 2.96 0.00	40.45 3.20 0.00	45.43 3.52 0.00	55.88 4.09 0.00	70.95 4.77 0.00	75.52 4.74 0.00	72.20 4.21 0.00	58.93 3.12 0.00	45.61 2.50 0.00	38.95 1.96 0.00
W50THST__13_KV_LOAD 356117	35.83 1.67 0.00	32.39 1.72 0.00	28.82 1.55 0.00	27.75 1.47 0.00	28.58 1.44 0.00	30.99 1.50 0.00	39.19 1.94 0.00	40.47 2.43 0.00	35.28 2.46 0.00	32.78 2.48 0.00	33.37 2.67 0.00	33.63 2.58 0.00	34.28 2.71 0.00	37.66 2.98 0.00	40.10 3.14 0.00	40.64 3.39 0.00	45.64 3.73 0.00	56.14 4.35 0.00	71.28 5.10 0.00	75.80 5.03 0.00	72.47 4.49 0.00	59.15 3.35 0.00	45.78 2.67 0.00	39.06 2.07 0.00
WADING RIVER_IC_1 23522	41.31 2.67 -4.49	33.47 2.73 -0.07	29.73 2.46 -0.01	28.48 2.21 0.00	29.45 2.31 0.00	32.00 2.51 -0.01	41.01 3.28 -0.48	46.19 3.65 -4.50	36.17 3.35 0.00	33.51 3.21 0.00	34.15 3.44 -0.01	34.41 3.35 -0.01	35.46 3.50 -0.39	42.08 3.75 -3.66	43.67 3.77 -2.94	49.65 3.84 -8.56	53.25 4.06 -7.28	63.99 5.18 -7.02	85.74 6.29 -13.26	80.48 6.86 -2.84	80.05 6.73 -5.34	67.53 5.19 -6.54	56.74 3.92 -9.71	45.32 3.18 -5.16
WADING RIVER_IC_2 23547	41.31 2.67 -4.49	33.47 2.73 -0.07	29.73 2.46 -0.01	28.48 2.21 0.00	29.45 2.31 0.00	32.00 2.51 -0.01	41.01 3.28 -0.48	46.19 3.65 -4.50	36.17 3.35 0.00	33.51 3.21 0.00	34.15 3.44 -0.01	34.41 3.35 -0.01	35.46 3.50 -0.39	42.08 3.75 -3.66	43.67 3.77 -2.94	49.65 3.84 -8.56	53.25 4.06 -7.28	63.99 5.18 -7.02	85.74 6.29 -13.26	80.48 6.86 -2.84	80.05 6.73 -5.34	67.53 5.19 -6.54	56.74 3.92 -9.71	45.32 3.18 -5.16
WADING RIVER_IC_3 23601	41.31 2.67 -4.49	33.47 2.73 -0.07	29.73 2.46 -0.01	28.48 2.21 0.00	29.45 2.31 0.00	32.00 2.51 -0.01	41.01 3.28 -0.48	46.19 3.65 -4.50	36.17 3.35 0.00	33.51 3.21 0.00	34.15 3.44 -0.01	34.41 3.35 -0.01	35.46 3.50 -0.39	42.08 3.75 -3.66	43.67 3.77 -2.94	49.65 3.84 -8.56	53.25 4.06 -7.28	63.99 5.18 -7.02	85.74 6.29 -13.26	80.48 6.86 -2.84	80.05 6.73 -5.34	67.53 5.19 -6.54	56.74 3.92 -9.71	45.32 3.18 -5.16
WALDENNY_12_KV_BK2 80841	30.44 -3.69 0.03	27.15 -3.50 0.03	24.08 -3.16 0.03	23.23 -3.02 0.03	24.10 -3.01 0.03	26.07 -3.16 0.26	25.57 -3.46 8.21	30.12 -3.31 4.60	29.81 -2.76 0.26	27.61 -2.67 0.03	27.97 -2.73 0.00	28.42 -2.61 0.03	28.86 -2.68 0.03	29.88 -2.88 1.92	32.79 -2.99 1.18	32.67 -2.94 1.63	34.15 -3.14 4.61	41.46 -3.16 7.17	48.69 -3.77 13.73	54.57 -4.39 11.82	56.02 -4.42 7.55	43.63 -3.91 8.27	34.96 -3.58 4.57	33.70 -3.25 0.03
WALDEN___HYDRO 24148	35.35 1.20 0.00	31.93 1.26 0.00	28.41 1.15 0.00	27.33 1.05 0.00	28.15 1.00 0.00	30.58 1.09 0.00	38.63 1.38 0.00	39.71 1.67 0.00	34.46 1.64 0.00	31.90 1.61 0.00	32.42 1.72 0.00	32.70 1.65 0.00	33.37 1.80 0.00	36.68 2.01 0.00	39.18 2.22 0.00	39.67 2.42 0.00	44.59 2.68 0.00	55.05 3.26 0.00	70.29 4.10 0.00	74.88 4.11 0.00	71.72 3.74 0.00	58.54 2.73 0.00	45.22 2.11 0.00	38.61 1.63 0.00
WARRENSBURG____ 23737	35.70 1.54 0.00	32.14 1.47 0.00	28.74 1.47 0.00	27.67 1.39 0.00	28.58 1.44 0.00	31.05 1.56 0.00	39.04 1.79 0.00	39.67 1.64 0.00	33.90 1.08 0.00	31.15 0.85 0.00	31.53 0.83 0.00	31.83 0.78 0.00	32.39 0.82 0.00	35.54 0.87 0.00	38.00 1.03 0.00	38.67 1.42 0.00	43.84 1.93 0.00	53.86 2.07 0.00	69.56 3.38 0.00	74.53 3.75 0.00	71.65 3.67 0.00	59.26 3.46 0.00	45.73 2.63 0.00	39.13 2.15 0.00

WATERSIDE___6 8 9 23538	35.76 1.61 0.00	32.38 1.72 0.00	28.85 1.58 0.00	27.77 1.50 0.00	28.58 1.44 0.00	30.96 1.47 0.00	39.00 1.75 0.00	40.28 2.24 0.00	35.19 2.36 -0.01	32.70 2.39 -0.01	33.29 2.58 -0.01	33.51 2.45 -0.01	34.20 2.62 -0.01	37.52 2.84 -0.01	40.00 3.03 -0.01	40.54 3.28 -0.01	45.52 3.60 -0.01	55.93 4.14 0.00	70.82 4.63 0.00	75.38 4.60 0.00	72.06 4.08 0.00	58.87 3.07 0.00	45.65 2.54 0.00	39.06 2.07 0.00
WATKINRD_115KV_LN8_ILLION 55919	34.74 0.58 0.00	31.19 0.52 0.00	27.73 0.46 0.00	26.70 0.42 0.00	27.52 0.38 0.00	29.99 0.50 0.00	37.84 0.60 0.00	38.53 0.49 0.00	33.24 0.43 0.00	30.72 0.42 0.00	31.07 0.37 0.00	31.42 0.37 0.00	31.92 0.35 0.00	34.85 0.17 0.00	37.11 0.15 0.00	37.33 0.07 0.00	41.95 0.04 0.00	51.84 0.05 0.00	66.45 0.26 0.00	71.20 0.42 0.00	68.53 0.54 0.00	56.64 0.84 0.00	43.80 0.69 0.00	37.65 0.67 0.00
WDELAWARE___HYD 323627	34.95 0.79 0.00	31.56 0.89 0.00	28.09 0.82 0.00	26.96 0.68 0.00	27.82 0.68 0.00	30.20 0.71 0.00	38.22 0.97 0.00	39.25 1.22 0.00	34.03 1.21 0.00	31.48 1.18 0.00	31.96 1.26 0.00	32.26 1.21 0.00	32.89 1.33 0.00	36.27 1.60 0.00	38.70 1.74 0.00	39.11 1.86 0.00	43.92 2.01 0.00	54.48 2.69 0.00	69.76 3.57 0.00	74.39 3.61 0.00	71.31 3.33 0.00	58.20 2.40 0.00	44.87 1.77 0.00	38.28 1.29 0.00
WEST BABYLON___IC 23714	41.91 2.73 -5.02	33.45 2.70 -0.08	29.65 2.37 -0.01	28.51 2.23 0.00	29.40 2.25 0.00	31.95 2.45 -0.01	40.94 3.17 -0.52	46.53 3.58 -4.92	36.10 3.28 0.00	33.45 3.15 0.00	34.09 3.38 -0.01	34.35 3.29 -0.01	35.44 3.44 -0.43	42.44 3.68 -4.09	44.16 3.92 -3.28	50.93 4.10 -9.58	54.49 4.44 -8.14	65.08 5.44 -7.85	87.57 6.55 -14.83	80.89 6.94 -3.17	80.41 6.46 -5.97	68.08 4.97 -7.31	57.85 3.88 -10.86	45.93 3.18 -5.77
WEST CANADA___HYD 24049	34.23 0.07 0.00	30.73 0.06 0.00	27.35 0.08 0.00	26.33 0.05 0.00	27.20 0.05 0.00	29.55 0.06 0.00	37.29 0.04 0.00	38.08 0.04 0.00	32.85 0.03 0.00	30.33 0.03 0.00	30.70 0.00 0.00	31.05 0.00 0.00	31.60 0.03 0.00	34.71 0.03 0.00	37.00 0.04 0.00	37.29 0.04 0.00	41.95 0.04 0.00	51.84 0.05 0.00	66.32 0.13 0.00	70.92 0.14 0.00	68.12 0.14 0.00	55.91 0.11 0.00	43.24 0.13 0.00	37.06 0.07 0.00
WESTERN_NY_WIND 24143	30.80 -3.35 0.02	27.16 -3.50 0.02	24.23 -3.03 0.02	23.45 -2.81 0.02	24.44 -2.69 0.02	26.24 -3.10 0.15	29.05 -3.28 4.92	32.16 -3.12 2.76	29.90 -2.76 0.16	27.71 -2.58 0.02	28.18 -2.52 0.00	28.65 -2.39 0.02	28.84 -2.71 0.02	30.71 -2.81 1.15	33.33 -2.92 0.71	33.37 -2.91 0.98	35.62 -3.14 3.15	44.15 -3.11 4.53	54.47 -3.31 8.41	59.18 -3.82 7.78	58.23 -3.94 5.81	46.84 -3.35 5.62	37.00 -3.23 2.88	34.27 -2.70 0.02
WESTOVER___LESR 323668	33.62 -0.55 0.00	30.21 -0.46 0.00	26.81 -0.46 0.00	25.81 -0.47 0.00	26.69 -0.46 0.00	29.17 -0.35 -0.03	38.05 -0.37 -1.17	38.35 -0.34 -0.66	32.59 -0.26 -0.03	29.97 -0.33 0.00	30.27 -0.43 0.00	30.71 -0.34 0.00	31.26 -0.32 0.00	34.64 -0.31 -0.27	36.83 -0.30 -0.17	37.26 -0.22 -0.23	42.08 -0.17 -0.34	53.51 0.00 -1.72	69.37 0.07 -3.12	72.91 0.21 -1.91	69.25 0.14 -1.13	56.88 0.06 -1.02	43.58 -0.17 -0.65	36.66 -0.33 0.00
WETHRSFD_WT_PWR 323626	31.22 -2.87 0.07	27.84 -2.76 0.07	24.66 -2.54 0.07	23.87 -2.34 0.07	24.74 -2.33 0.07	26.46 -2.30 0.73	10.80 -2.68 23.76	21.91 -2.81 13.32	29.63 -2.46 0.73	27.80 -2.42 0.07	28.22 -2.49 0.00	28.59 -2.39 0.07	29.07 -2.43 0.07	26.51 -2.64 5.53	30.84 -2.73 3.39	29.91 -2.64 4.69	27.54 -2.72 11.65	29.32 -2.80 19.67	24.29 -3.11 38.78	36.11 -3.11 31.56	44.51 -2.99 20.48	32.20 -2.62 20.98	27.87 -2.59 12.65	34.47 -2.44 0.07
WHAVSTOR_138KV_BK127 55557	35.42 1.26 0.00	31.99 1.32 0.00	28.47 1.20 0.00	27.41 1.13 0.00	28.23 1.09 0.00	30.64 1.15 0.00	38.70 1.45 0.00	39.86 1.83 0.00	34.66 1.84 0.00	32.15 1.85 0.00	32.70 2.00 0.00	32.95 1.89 0.00	33.59 2.02 0.00	36.89 2.22 0.00	39.36 2.40 0.00	39.90 2.64 0.00	44.80 2.89 0.00	55.15 3.37 0.00	70.22 4.04 0.00	74.74 3.96 0.00	71.59 3.60 0.00	58.42 2.62 0.00	45.26 2.16 0.00	38.61 1.63 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.42 1.26 0.00	31.99 1.32 0.00	28.47 1.20 0.00	27.41 1.13 0.00	28.23 1.09 0.00	30.64 1.15 0.00	38.70 1.45 0.00	39.86 1.83 0.00	34.66 1.84 0.00	32.15 1.85 0.00	32.70 2.00 0.00	32.95 1.89 0.00	33.59 2.02 0.00	36.89 2.22 0.00	39.36 2.40 0.00	39.90 2.64 0.00	44.80 2.89 0.00	55.15 3.37 0.00	70.22 4.04 0.00	74.74 3.96 0.00	71.59 3.60 0.00	58.42 2.62 0.00	45.26 2.16 0.00	38.61 1.63 0.00
WHITEHAL_115KV_TB1 80871	36.14 1.98 0.00	32.57 1.90 0.00	29.07 1.80 0.00	27.98 1.71 0.00	28.93 1.79 0.00	31.47 1.98 0.00	39.48 2.23 0.00	40.02 1.98 0.00	34.26 1.44 0.00	31.39 1.09 0.00	31.78 1.07 0.00	32.08 1.02 0.00	32.61 1.04 0.00	35.78 1.11 0.00	38.25 1.29 0.00	39.04 1.79 0.00	44.38 2.47 0.00	54.74 2.95 0.00	70.95 4.77 0.00	76.37 5.59 0.00	73.49 5.51 0.00	60.66 4.85 0.00	46.73 3.62 0.00	39.87 2.88 0.00
WHITEPLN_13_KV_LOAD 356215	35.87 1.71 0.00	32.39 1.72 0.00	28.80 1.53 0.00	27.72 1.45 0.00	28.53 1.38 0.00	30.96 1.47 0.00	39.15 1.90 0.00	40.40 2.36 0.00	35.12 2.30 0.00	32.60 2.30 0.00	33.16 2.46 0.00	33.41 2.36 0.00	34.13 2.56 0.00	37.48 2.81 0.00	39.99 3.03 0.00	40.45 3.20 0.00	45.51 3.60 0.00	56.14 4.35 0.00	71.48 5.29 0.00	76.09 5.31 0.00	72.74 4.76 0.00	59.32 3.52 0.00	45.82 2.72 0.00	39.09 2.11 0.00
WM_FLOYD_69_KV_BK2 356380	41.43 2.77 -4.50	33.47 2.73 -0.07	29.70 2.43 -0.01	28.54 2.26 0.00	29.42 2.28 0.00	32.03 2.54 -0.01	41.01 3.28 -0.48	46.16 3.61 -4.51	36.13 3.31 0.00	33.48 3.18 0.00	34.12 3.41 -0.01	34.38 3.32 -0.01	35.43 3.47 -0.39	41.98 3.64 -3.67	43.67 3.77 -2.94	49.78 3.95 -8.59	53.36 4.15 -7.30	64.05 5.23 -7.04	85.83 6.35 -13.30	80.56 6.94 -2.84	79.93 6.59 -5.35	67.43 5.08 -6.55	56.68 3.84 -9.73	45.30 3.14 -5.17
WOODARD___115KV_TB2 355635	33.41 -0.75 0.00	29.90 -0.77 0.00	26.59 -0.68 0.00	25.65 -0.63 0.00	26.55 -0.60 0.00	28.84 -0.65 0.00	36.47 -0.78 0.00	37.20 -0.84 0.00	32.13 -0.69 0.00	29.66 -0.64 0.00	30.06 -0.64 0.00	30.46 -0.59 0.00	30.94 -0.63 0.00	33.95 -0.73 0.00	36.18 -0.78 0.00	36.32 -0.93 0.00	40.68 -1.01 0.22	52.16 -1.04 -1.41	67.17 -1.19 -2.17	70.57 -1.13 -0.93	67.28 -1.16 -0.45	55.18 -0.95 -0.32	42.32 -0.91 -0.12	36.39 -0.59 0.00
YORK___WARBASSE 23770	36.01 1.84 -0.01	32.58 1.90 -0.01	29.01 1.75 0.00	27.91 1.63 0.00	28.72 1.57 0.00	31.05 1.56 0.00	39.15 1.90 0.00	40.43 2.40 0.00	35.32 2.49 -0.01	32.76 2.45 -0.01	33.32 2.61 -0.01	33.57 2.52 -0.01	34.26 2.68 -0.01	37.63 2.95 -0.01	40.18 3.22 -0.01	40.72 3.46 -0.01	45.73 3.81 -0.01	56.25 4.45 -0.01	71.29 5.10 -0.01	75.88 5.10 -0.01	72.55 4.55 -0.01	59.27 3.46 -0.01	45.96 2.84 -0.01	39.32 2.33 -0.01