

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/15/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	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	36.56	33.22	28.76	29.62	32.32	35.49	41.15	43.79	43.33	35.15	32.55	35.10	33.60	26.93	24.23	31.70	33.82	38.38	65.95	53.61	45.71	32.65	35.10	36.95
24138	1.75	1.61	1.53	1.49	1.58	1.59	1.77	2.09	2.34	2.33	2.26	2.39	2.25	1.89	1.71	2.14	2.15	2.36	3.69	3.29	2.68	1.88	1.88	1.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.66	33.34	28.85	29.71	32.42	35.62	41.32	43.98	43.47	35.20	32.59	35.12	33.62	26.95	24.23	31.72	33.85	38.42	66.11	53.72	45.84	32.75	35.21	37.08
24260	1.85	1.73	1.62	1.58	1.69	1.72	1.94	2.28	2.48	2.38	2.29	2.40	2.28	1.91	1.71	2.16	2.19	2.40	3.84	3.40	2.80	1.99	1.99	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
74TH STREET_GT_2	36.66	33.34	28.85	29.71	32.42	35.62	41.32	43.98	43.47	35.20	32.59	35.12	33.62	26.95	24.23	31.72	33.85	38.42	66.11	53.72	45.84	32.75	35.21	37.08
24261	1.85	1.73	1.62	1.58	1.69	1.72	1.94	2.28	2.48	2.38	2.29	2.40	2.28	1.91	1.71	2.16	2.19	2.40	3.84	3.40	2.80	1.99	1.99	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
ADK HUDSON___FALLS	37.07	33.65	29.03	30.04	32.85	36.29	42.03	44.61	43.77	34.95	31.97	34.31	32.64	25.99	23.47	31.10	33.56	38.52	66.58	53.72	45.80	32.81	35.34	37.39
24011	2.26	2.04	1.80	1.90	2.11	2.39	2.65	2.91	2.77	2.13	1.68	1.59	1.29	0.95	0.96	1.54	1.90	2.49	4.31	3.40	2.77	2.05	2.12	2.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	37.31	33.84	29.19	30.20	33.06	36.57	42.26	44.83	43.94	35.08	32.05	34.35	32.68	26.03	23.53	31.22	33.73	38.79	67.00	53.99	45.97	32.98	35.52	37.59
23798	2.50	2.23	1.96	2.06	2.32	2.66	2.88	3.13	2.95	2.26	1.75	1.64	1.34	0.99	1.01	1.66	2.06	2.77	4.73	3.67	2.94	2.22	2.30	2.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	37.07	33.65	29.03	30.04	32.85	36.29	42.03	44.61	43.77	34.95</														

ALBANY___2 23572	35.94 1.13 0.00	32.64 1.03 0.00	28.18 0.95 0.00	29.15 1.01 0.00	31.83 1.09 0.00	35.04 1.13 0.00	40.63 1.25 0.00	43.15 1.45 0.00	42.46 1.47 0.00	34.07 1.25 0.00	31.44 1.15 0.00	33.87 1.16 0.00	32.36 1.02 0.00	25.81 0.76 0.00	23.20 0.67 0.00	30.53 0.97 0.00	32.78 1.11 0.00	37.34 1.32 0.00	64.48 2.21 0.00	52.16 1.83 0.00	44.60 1.57 0.00	31.92 1.15 0.00	34.36 1.14 0.00	36.34 1.23 0.00
ALBANY___3 23573	35.94 1.13 0.00	32.64 1.03 0.00	28.18 0.95 0.00	29.15 1.01 0.00	31.83 1.09 0.00	35.04 1.13 0.00	40.63 1.25 0.00	43.15 1.45 0.00	42.46 1.47 0.00	34.07 1.25 0.00	31.44 1.15 0.00	33.87 1.16 0.00	32.36 1.02 0.00	25.81 0.76 0.00	23.20 0.67 0.00	30.53 0.97 0.00	32.78 1.11 0.00	37.34 1.32 0.00	64.48 2.21 0.00	52.16 1.83 0.00	44.60 1.57 0.00	31.92 1.15 0.00	34.36 1.14 0.00	36.34 1.23 0.00
ALBANY___4 23574	35.94 1.13 0.00	32.64 1.03 0.00	28.18 0.95 0.00	29.15 1.01 0.00	31.83 1.09 0.00	35.04 1.13 0.00	40.63 1.25 0.00	43.15 1.45 0.00	42.46 1.47 0.00	34.07 1.25 0.00	31.44 1.15 0.00	33.87 1.16 0.00	32.36 1.02 0.00	25.81 0.76 0.00	23.20 0.67 0.00	30.53 0.97 0.00	32.78 1.11 0.00	37.34 1.32 0.00	64.48 2.21 0.00	52.16 1.83 0.00	44.60 1.57 0.00	31.92 1.15 0.00	34.36 1.14 0.00	36.34 1.23 0.00
ALBANY___LFGE 323615	36.10 1.29 0.00	32.78 1.18 0.00	28.31 1.08 0.00	29.27 1.13 0.00	31.96 1.23 0.00	35.20 1.29 0.00	40.82 1.44 0.00	43.36 1.66 0.00	42.66 1.67 0.00	34.22 1.41 0.00	31.57 1.27 0.00	34.00 1.29 0.00	32.47 1.13 0.00	25.89 0.85 0.00	23.28 0.76 0.00	30.66 1.10 0.00	32.92 1.26 0.00	37.52 1.50 0.00	64.81 2.54 0.00	52.42 2.09 0.00	44.82 1.79 0.00	32.07 1.31 0.00	34.52 1.30 0.00	36.50 1.39 0.00
ALCOA_PA_115KV_PL-6C 55860	35.36 0.55 0.00	32.02 0.41 0.00	27.46 0.23 0.00	28.33 0.19 0.00	31.01 0.27 0.00	34.31 0.40 0.00	39.91 0.53 0.00	42.10 0.40 0.00	41.31 0.32 0.00	33.00 0.18 0.00	30.46 0.16 0.00	32.88 0.17 0.00	31.52 0.18 0.00	25.25 0.12 -0.09	22.66 0.14 0.00	29.76 0.20 0.00	31.88 0.21 0.00	36.38 0.36 0.00	62.98 0.71 0.00	50.98 0.28 -0.37	44.66 0.24 -1.39	32.36 0.17 -1.42	35.00 0.29 -1.49	36.99 0.33 -1.55
ALCOA_RYNLDS___DRP 24188	35.36 0.55 0.00	32.02 0.41 0.00	27.46 0.23 0.00	28.33 0.19 0.00	31.01 0.27 0.00	34.31 0.40 0.00	39.91 0.53 0.00	42.10 0.40 0.00	41.31 0.32 0.00	33.00 0.18 0.00	30.46 0.16 0.00	32.88 0.17 0.00	31.52 0.18 0.00	25.25 0.12 -0.09	22.66 0.14 0.00	29.76 0.20 0.00	31.88 0.21 0.00	36.38 0.36 0.00	62.98 0.71 0.00	50.98 0.28 -0.37	44.66 0.24 -1.39	32.36 0.17 -1.42	35.00 0.29 -1.49	36.99 0.33 -1.55
ALCOA___DSASP 323711	35.36 0.55 0.00	32.02 0.41 0.00	27.46 0.23 0.00	28.33 0.19 0.00	31.01 0.27 0.00	34.31 0.40 0.00	39.91 0.53 0.00	42.09 0.39 0.00	41.31 0.32 0.00	33.00 0.18 0.00	30.45 0.16 0.00	32.89 0.17 0.00	31.53 0.18 0.00	25.25 0.12 -0.09	22.66 0.14 0.00	29.77 0.21 0.00	31.87 0.21 0.00	36.38 0.36 0.00	62.98 0.71 0.00	50.97 0.28 -0.37	44.65 0.23 -1.39	32.36 0.17 -1.42	34.99 0.29 -1.49	36.99 0.34 -1.55
ALLEGHENY___COGEN 23514	22.60 -1.93 10.29	54.77 -1.66 -24.82	50.53 -1.52 -24.82	52.96 -1.51 -26.34	57.01 -1.66 -27.93	61.90 -1.83 -29.82	70.77 -1.97 -33.36	64.16 -2.25 -24.70	38.41 -2.53 0.05	57.96 -2.86 -28.00	55.34 -2.34 -27.38	58.87 -2.58 -28.74	53.64 -2.23 -24.52	47.64 -1.28 -23.88	42.72 -1.40 -21.59	52.02 -2.06 -24.52	57.89 -2.27 -28.49	63.12 -2.75 -29.85	102.44 -3.41 -43.58	87.95 -2.21 -39.84	76.28 -1.81 -35.06	56.97 -1.50 -27.70	58.83 -1.38 -26.98	62.79 -1.65 -29.33
ALTAMONT_115KV_TB 2 55880	35.73 0.91 0.00	32.45 0.84 0.00	28.01 0.78 0.00	28.96 0.82 0.00	31.62 0.88 0.00	34.83 0.92 0.00	40.40 1.02 0.00	42.89 1.19 0.00	42.20 1.21 0.00	33.85 1.04 0.00	31.23 0.94 0.00	33.64 0.93 0.00	32.17 0.83 0.00	25.67 0.63 0.00	23.09 0.57 0.00	30.34 0.78 0.00	32.56 0.90 0.00	37.07 1.06 0.00	64.07 1.80 0.00	51.87 1.54 0.00	44.34 1.31 0.00	31.72 0.96 0.00	34.17 0.95 0.00	36.12 1.00 0.00
ALTONA_WT_PWR 323606	35.07 0.25 0.00	31.43 -0.17 0.00	26.69 -0.54 0.00	27.48 -0.65 0.00	30.34 -0.40 0.00	33.88 -0.02 0.00	39.55 0.17 0.00	41.26 -0.44 0.00	40.55 -0.44 0.00	32.89 0.07 0.00	30.27 -0.03 0.00	32.35 -0.36 0.00	30.72 -0.63 0.00	20.35 -0.90 3.79	21.92 -0.60 0.00	29.02 -0.54 0.00	31.35 -0.31 0.00	36.14 0.12 0.00	62.64 0.37 0.00	37.83 -1.67 10.83	0.59 -1.44 41.00	-12.50 -1.13 42.14	-12.05 -1.23 44.04	-11.87 -1.25 45.73
AMERICAN_REF_FUEL 24010	14.53 -3.83 16.46	22.32 -3.68 5.61	18.31 -3.31 5.61	18.81 -3.38 5.95	20.61 -3.82 6.31	22.98 -4.19 6.74	27.02 -4.82 7.54	24.98 -5.58 11.15	18.74 -5.28 16.97	21.14 -4.70 6.97	19.93 -4.18 6.19	22.05 -4.17 6.50	22.07 -3.74 5.55	16.77 -2.87 5.40	15.06 -2.58 4.88	20.60 -3.41 5.54	21.30 -3.93 6.44	24.80 -4.48 6.75	44.74 -7.67 9.85	35.04 -6.28 9.00	29.82 -5.29 7.92	20.73 -3.77 6.26	23.70 -3.42 6.10	24.75 -3.73 6.63
ARKWRIGHT___SUMMIT_WT_PWR 323751	12.54 -4.01 18.27	25.58 -3.56 2.46	21.57 -3.20 2.46	22.33 -3.20 2.61	24.31 -3.66 2.77	26.94 -4.02 2.95	31.54 -4.54 3.30	28.16 -5.38 8.16	18.17 -5.39 17.43	25.12 -4.27 3.43	23.71 -3.87 2.71	26.07 -3.80 2.85	25.40 -3.52 2.43	19.87 -2.80 2.37	17.77 -2.61 2.14	23.85 -3.28 2.43	25.05 -3.79 2.82	28.75 -4.31 2.96	50.63 -7.32 4.32	40.95 -5.43 3.95	34.75 -4.80 3.47	24.37 -3.65 2.74	27.14 -3.41 2.67	28.12 -4.08 2.91
ARTHUR KILL_GT_1 23520	54.94 1.88 -18.24	52.94 1.79 -19.54	52.34 1.71 -23.41	52.34 1.67 -22.54	52.35 1.76 -19.86	52.35 1.74 -16.69	52.79 1.98 -11.43	53.09 2.27 -9.12	54.06 2.48 -10.59	54.25 2.33 -19.10	54.48 2.24 -21.95	51.07 2.35 -16.01	50.26 2.23 -16.69	50.17 1.91 -23.22	50.15 1.72 -25.91	50.62 2.13 -18.93	51.01 2.13 -17.21	51.01 2.29 -12.70	68.69 3.58 -2.84	54.27 3.28 -0.66	55.27 2.75 -9.48	51.07 2.00 -18.31	50.27 2.02 -15.04	50.19 2.02 -13.05
ARTHUR_KILL_2 23512	54.86 1.80 -18.24	52.86 1.72 -19.54	52.27 1.63 -23.41	52.27 1.59 -22.54	52.27 1.67 -19.86	52.27 1.67 -16.69	52.68 1.87 -11.43	52.98 2.16 -9.12	53.95 2.37 -10.59	54.16 2.24 -19.10	54.40 2.15 -21.95	50.98 2.26 -16.01	50.17 2.14 -16.69	50.10 1.84 -23.22	50.10 1.67 -25.91	50.54 2.05 -18.93	50.92 2.04 -17.21	50.92 2.20 -12.70	68.50 3.40 -2.84	54.13 3.14 -0.66	55.14 2.63 -9.48	50.98 1.91 -18.31	50.17 1.92 -15.04	50.10 1.93 -13.05
ARTHUR_KILL_3 23513	54.55 1.49 -18.25	53.01 1.39 -20.01	52.55 1.35 -23.96	53.22 1.28 -23.80	53.08 1.37 -20.97	52.38 1.37 -17.11	52.36 1.53 -11.44	52.66 1.83 -9.13	53.63 2.04 -10.60	53.95 2.03 -19.10	54.18 1.94 -21.95	50.76 2.05 -16.00	49.96 1.94 -16.68	49.89 1.64 -23.21	49.91 1.48 -25.92	50.33 1.83 -18.94	50.72 1.85 -17.21	50.73 2.01 -12.70	65.43 3.15 -0.01	53.81 2.83 -0.66	54.50 2.31 -9.15	50.71 1.63 -18.32	49.87 1.61 -15.04	49.73 1.56 -13.06

ARTHUR_KILL_COGEN 323718	54.94 1.88 -18.24	52.94 1.79 -19.54	52.34 1.71 -23.41	52.34 1.67 -22.54	52.35 1.76 -19.86	52.35 1.74 -16.69	52.79 1.98 -11.43	53.09 2.27 -9.12	54.06 2.48 -10.59	54.25 2.33 -19.10	54.48 2.24 -21.95	51.07 2.35 -16.01	50.26 2.23 -16.69	50.17 1.91 -23.22	50.15 1.72 -25.91	50.62 2.13 -18.93	51.01 2.13 -17.21	51.01 2.29 -12.70	68.69 3.58 -2.84	54.27 3.28 -0.66	55.27 2.75 -9.48	51.07 2.00 -18.31	50.27 2.02 -15.04	50.19 2.02 -13.05
ASHOKAN____ 23654	36.76 1.95 0.00	33.38 1.78 0.00	28.83 1.60 0.00	29.76 1.62 0.00	32.51 1.77 0.00	35.82 1.91 0.00	41.63 2.24 0.00	44.28 2.58 0.00	43.76 2.77 0.00	35.25 2.43 0.00	32.54 2.24 0.00	35.01 2.29 0.00	33.45 2.10 0.00	26.60 1.56 0.00	23.81 1.29 0.00	31.37 1.82 0.00	33.79 2.13 0.00	38.39 2.37 0.00	66.59 4.32 0.00	54.07 3.75 0.00	46.15 3.12 0.00	32.95 2.19 0.00	35.39 2.17 0.00	37.25 2.14 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.38 1.57 0.00	33.12 1.51 0.00	28.65 1.42 0.00	29.52 1.38 0.00	32.21 1.47 0.00	35.31 1.40 0.00	40.94 1.56 0.00	43.62 1.92 0.00	43.13 2.14 0.00	34.89 2.07 0.00	32.28 1.99 0.00	34.74 2.03 0.01	33.31 1.96 0.00	26.75 1.71 0.00	24.05 1.53 0.00	31.43 1.88 0.01	33.54 1.88 0.00	37.97 1.96 0.00	65.38 3.11 0.00	53.17 2.84 0.00	45.43 2.39 0.00	32.47 1.71 0.00	34.98 1.76 0.00	36.86 1.74 0.00
ASTORIA_EAST_ENERGY_CC2 323582	36.38 1.57 0.00	33.12 1.51 0.00	28.64 1.41 0.00	29.52 1.38 0.00	32.20 1.46 0.00	35.31 1.40 0.00	40.94 1.56 0.00	43.62 1.92 0.00	43.13 2.14 0.00	34.89 2.07 0.00	32.28 1.99 0.00	34.74 2.03 0.01	33.31 1.96 0.00	26.74 1.71 0.00	24.05 1.53 0.00	31.43 1.87 0.01	33.54 1.88 0.00	37.97 1.96 0.00	65.38 3.11 0.00	53.17 2.84 0.00	45.43 2.39 0.00	32.47 1.71 0.00	34.98 1.76 0.00	36.87 1.76 0.00
ASTORIA_GT2_1 24094	36.40 1.58 0.00	33.15 1.54 0.00	28.67 1.44 0.00	29.54 1.40 0.00	32.22 1.49 0.00	35.35 1.44 0.00	40.98 1.60 0.00	43.65 1.95 0.00	43.14 2.15 0.00	34.91 2.09 0.00	32.30 2.01 0.00	34.79 2.08 0.00	33.36 2.01 0.00	26.77 1.73 0.00	24.06 1.54 0.00	31.46 1.90 0.00	33.58 1.92 0.00	38.01 1.99 0.00	65.44 3.18 0.00	53.22 2.89 0.00	45.47 2.44 0.00	32.49 1.73 0.00	35.01 1.79 0.00	36.88 1.77 0.00
ASTORIA_GT2_2 24095	36.40 1.58 0.00	33.15 1.54 0.00	28.67 1.44 0.00	29.54 1.40 0.00	32.22 1.49 0.00	35.35 1.44 0.00	40.98 1.60 0.00	43.65 1.95 0.00	43.14 2.15 0.00	34.91 2.09 0.00	32.30 2.01 0.00	34.79 2.08 0.00	33.36 2.01 0.00	26.77 1.73 0.00	24.06 1.54 0.00	31.46 1.90 0.00	33.58 1.92 0.00	38.01 1.99 0.00	65.44 3.18 0.00	53.22 2.89 0.00	45.47 2.44 0.00	32.49 1.73 0.00	35.01 1.79 0.00	36.88 1.77 0.00
ASTORIA_GT2_3 24096	36.40 1.58 0.00	33.15 1.54 0.00	28.67 1.44 0.00	29.54 1.40 0.00	32.22 1.49 0.00	35.35 1.44 0.00	40.98 1.60 0.00	43.65 1.95 0.00	43.14 2.15 0.00	34.91 2.09 0.00	32.30 2.01 0.00	34.79 2.08 0.00	33.36 2.01 0.00	26.77 1.73 0.00	24.06 1.54 0.00	31.46 1.90 0.00	33.58 1.92 0.00	38.01 1.99 0.00	65.44 3.18 0.00	53.22 2.89 0.00	45.47 2.44 0.00	32.49 1.73 0.00	35.01 1.79 0.00	36.88 1.77 0.00
ASTORIA_GT2_4 24097	36.40 1.58 0.00	33.15 1.54 0.00	28.67 1.44 0.00	29.54 1.40 0.00	32.22 1.49 0.00	35.35 1.44 0.00	40.98 1.60 0.00	43.65 1.95 0.00	43.14 2.15 0.00	34.91 2.09 0.00	32.30 2.01 0.00	34.79 2.08 0.00	33.36 2.01 0.00	26.77 1.73 0.00	24.06 1.54 0.00	31.46 1.90 0.00	33.58 1.92 0.00	38.01 1.99 0.00	65.44 3.18 0.00	53.22 2.89 0.00	45.47 2.44 0.00	32.49 1.73 0.00	35.01 1.79 0.00	36.88 1.77 0.00
ASTORIA_GT3_1 24098	36.40 1.58 0.00	33.15 1.54 0.00	28.67 1.44 0.00	29.54 1.40 0.00	32.22 1.49 0.00	35.35 1.44 0.00	40.98 1.60 0.00	43.65 1.95 0.00	43.14 2.15 0.00	34.91 2.09 0.00	32.30 2.01 0.00	34.79 2.08 0.00	33.36 2.01 0.00	26.77 1.73 0.00	24.06 1.54 0.00	31.46 1.90 0.00	33.58 1.92 0.00	38.01 1.99 0.00	65.44 3.18 0.00	53.22 2.89 0.00	45.47 2.44 0.00	32.49 1.73 0.00	35.01 1.79 0.00	36.88 1.77 0.00
ASTORIA_GT3_2 24099	36.40 1.58 0.00	33.15 1.54 0.00	28.67 1.44 0.00	29.54 1.40 0.00	32.22 1.49 0.00	35.35 1.44 0.00	40.98 1.60 0.00	43.65 1.95 0.00	43.14 2.15 0.00	34.91 2.09 0.00	32.30 2.01 0.00	34.79 2.08 0.00	33.36 2.01 0.00	26.77 1.73 0.00	24.06 1.54 0.00	31.46 1.90 0.00	33.58 1.92 0.00	38.01 1.99 0.00	65.44 3.18 0.00	53.22 2.89 0.00	45.47 2.44 0.00	32.49 1.73 0.00	35.01 1.79 0.00	36.88 1.77 0.00
ASTORIA_GT3_3 24100	36.40 1.58 0.00	33.15 1.54 0.00	28.67 1.44 0.00	29.54 1.40 0.00	32.22 1.49 0.00	35.35 1.44 0.00	40.98 1.60 0.00	43.65 1.95 0.00	43.14 2.15 0.00	34.91 2.09 0.00	32.30 2.01 0.00	34.79 2.08 0.00	33.36 2.01 0.00	26.77 1.73 0.00	24.06 1.54 0.00	31.46 1.90 0.00	33.58 1.92 0.00	38.01 1.99 0.00	65.44 3.18 0.00	53.22 2.89 0.00	45.47 2.44 0.00	32.49 1.73 0.00	35.01 1.79 0.00	36.88 1.77 0.00
ASTORIA_GT3_4 24101	36.40 1.58 0.00	33.15 1.54 0.00	28.67 1.44 0.00	29.54 1.40 0.00	32.22 1.49 0.00	35.35 1.44 0.00	40.98 1.60 0.00	43.65 1.95 0.00	43.14 2.15 0.00	34.91 2.09 0.00	32.30 2.01 0.00	34.79 2.08 0.00	33.36 2.01 0.00	26.77 1.73 0.00	24.06 1.54 0.00	31.46 1.90 0.00	33.58 1.92 0.00	38.01 1.99 0.00	65.44 3.18 0.00	53.22 2.89 0.00	45.47 2.44 0.00	32.49 1.73 0.00	35.01 1.79 0.00	36.88 1.77 0.00
ASTORIA_GT4_1 24102	36.40 1.58 0.00	33.15 1.54 0.00	28.67 1.44 0.00	29.54 1.40 0.00	32.22 1.49 0.00	35.35 1.44 0.00	40.98 1.60 0.00	43.65 1.95 0.00	43.14 2.15 0.00	34.91 2.09 0.00	32.30 2.01 0.00	34.79 2.08 0.00	33.36 2.01 0.00	26.77 1.73 0.00	24.06 1.54 0.00	31.46 1.90 0.00	33.58 1.92 0.00	38.01 1.99 0.00	65.44 3.18 0.00	53.22 2.89 0.00	45.47 2.44 0.00	32.49 1.73 0.00	35.01 1.79 0.00	36.88 1.77 0.00
ASTORIA_GT4_2 24103	36.40 1.58 0.00	33.15 1.54 0.00	28.67 1.44 0.00	29.54 1.40 0.00	32.22 1.49 0.00	35.35 1.44 0.00	40.98 1.60 0.00	43.65 1.95 0.00	43.14 2.15 0.00	34.91 2.09 0.00	32.30 2.01 0.00	34.79 2.08 0.00	33.36 2.01 0.00	26.77 1.73 0.00	24.06 1.54 0.00	31.46 1.90 0.00	33.58 1.92 0.00	38.01 1.99 0.00	65.44 3.18 0.00	53.22 2.89 0.00	45.47 2.44 0.00	32.49 1.73 0.00	35.01 1.79 0.00	36.88 1.77 0.00
ASTORIA_GT4_3 24104	36.40 1.58 0.00	33.15 1.54 0.00	28.67 1.44 0.00	29.54 1.40 0.00	32.22 1.49 0.00	35.35 1.44 0.00	40.98 1.60 0.00	43.65 1.95 0.00	43.14 2.15 0.00	34.91 2.09 0.00	32.30 2.01 0.00	34.79 2.08 0.00	33.36 2.01 0.00	26.77 1.73 0.00	24.06 1.54 0.00	31.46 1.90 0.00	33.58 1.92 0.00	38.01 1.99 0.00	65.44 3.18 0.00	53.22 2.89 0.00	45.47 2.44 0.00	32.49 1.73 0.00	35.01 1.79 0.00	36.88 1.77 0.00

ASTORIA_GT4_4 24105	36.40 1.58 0.00	33.15 1.54 0.00	28.67 1.44 0.00	29.54 1.40 0.00	32.22 1.49 0.00	35.35 1.44 0.00	40.98 1.60 0.00	43.65 1.95 0.00	43.14 2.15 0.00	34.91 2.09 0.00	32.30 2.01 0.00	34.79 2.08 0.00	33.36 2.01 0.00	26.77 1.73 0.00	24.06 1.54 0.00	31.46 1.90 0.00	33.58 1.92 0.00	38.01 1.99 0.00	65.44 3.18 0.00	53.22 2.89 0.00	45.47 2.44 0.00	32.49 1.73 0.00	35.01 1.79 0.00	36.88 1.77 0.00
ASTORIA_GT_1 23523	36.44 1.63 0.00	33.17 1.57 0.00	28.70 1.46 0.00	29.56 1.43 0.00	32.25 1.52 0.00	35.37 1.47 0.00	41.01 1.63 0.00	43.69 1.99 0.00	43.22 2.22 0.00	34.95 2.14 0.00	32.34 2.04 0.00	34.81 2.10 0.01	33.38 2.04 0.00	26.79 1.76 0.00	24.09 1.58 0.00	31.49 1.93 0.01	33.60 1.94 0.00	38.05 2.03 0.00	65.53 3.26 0.00	53.28 2.96 0.00	45.53 2.50 0.00	32.53 1.77 0.00	35.03 1.81 0.00	36.92 1.81 0.00
ASTORIA_GT_10 24110	36.53 1.71 0.00	33.23 1.63 0.00	28.76 1.53 0.00	29.63 1.49 0.00	32.32 1.59 0.00	35.45 1.54 0.00	41.10 1.72 0.00	43.74 2.05 0.00	43.25 2.26 0.00	35.06 2.24 0.00	32.44 2.15 0.00	34.95 2.23 0.00	33.47 2.13 0.00	26.84 1.80 0.00	24.14 1.62 0.00	31.58 2.02 0.00	33.69 2.03 0.00	38.18 2.16 0.00	65.68 3.42 0.00	53.41 3.08 0.00	45.59 2.55 0.00	32.60 1.83 0.00	35.06 1.84 0.00	36.95 1.84 0.00
ASTORIA_GT_11 24225	36.53 1.71 0.00	33.23 1.63 0.00	28.76 1.53 0.00	29.63 1.49 0.00	32.32 1.59 0.00	35.45 1.54 0.00	41.10 1.72 0.00	43.74 2.05 0.00	43.25 2.26 0.00	35.06 2.24 0.00	32.44 2.15 0.00	34.95 2.23 0.00	33.47 2.13 0.00	26.84 1.80 0.00	24.14 1.62 0.00	31.58 2.02 0.00	33.69 2.03 0.00	38.18 2.16 0.00	65.68 3.42 0.00	53.41 3.08 0.00	45.59 2.55 0.00	32.60 1.83 0.00	35.06 1.84 0.00	36.95 1.84 0.00
ASTORIA_GT_12 24226	36.53 1.71 0.00	33.23 1.63 0.00	28.76 1.53 0.00	29.63 1.49 0.00	32.32 1.59 0.00	35.45 1.54 0.00	41.10 1.72 0.00	43.74 2.05 0.00	43.25 2.26 0.00	35.06 2.24 0.00	32.44 2.15 0.00	34.95 2.23 0.00	33.47 2.13 0.00	26.84 1.80 0.00	24.14 1.62 0.00	31.58 2.02 0.00	33.69 2.03 0.00	38.18 2.16 0.00	65.68 3.42 0.00	53.41 3.08 0.00	45.59 2.55 0.00	32.60 1.83 0.00	35.06 1.84 0.00	36.95 1.84 0.00
ASTORIA_GT_13 24227	36.53 1.71 0.00	33.23 1.63 0.00	28.76 1.53 0.00	29.63 1.49 0.00	32.32 1.59 0.00	35.45 1.54 0.00	41.10 1.72 0.00	43.74 2.05 0.00	43.25 2.26 0.00	35.06 2.24 0.00	32.44 2.15 0.00	34.95 2.23 0.00	33.47 2.13 0.00	26.84 1.80 0.00	24.14 1.62 0.00	31.58 2.02 0.00	33.69 2.03 0.00	38.18 2.16 0.00	65.68 3.42 0.00	53.41 3.08 0.00	45.59 2.55 0.00	32.60 1.83 0.00	35.06 1.84 0.00	36.95 1.84 0.00
ASTORIA_GT_5 24106	36.44 1.63 0.00	33.19 1.58 0.00	28.71 1.47 0.00	29.58 1.44 0.00	32.26 1.53 0.00	35.40 1.49 0.00	41.03 1.65 0.00	43.72 2.02 0.00	43.20 2.21 0.00	34.96 2.15 0.00	32.35 2.06 0.00	34.83 2.12 0.00	33.41 2.07 0.00	26.81 1.77 0.00	24.10 1.58 0.00	31.51 1.95 0.00	33.64 1.98 0.00	38.07 2.05 0.00	65.54 3.27 0.00	53.31 2.99 0.00	45.54 2.51 0.00	32.54 1.78 0.00	35.05 1.83 0.00	36.93 1.82 0.00
ASTORIA_GT_7 24107	36.44 1.63 0.00	33.19 1.58 0.00	28.71 1.47 0.00	29.58 1.44 0.00	32.26 1.53 0.00	35.40 1.49 0.00	41.03 1.65 0.00	43.72 2.02 0.00	43.20 2.21 0.00	34.96 2.15 0.00	32.35 2.06 0.00	34.83 2.12 0.00	33.41 2.07 0.00	26.81 1.77 0.00	24.10 1.58 0.00	31.51 1.95 0.00	33.64 1.98 0.00	38.07 2.05 0.00	65.54 3.27 0.00	53.31 2.99 0.00	45.54 2.51 0.00	32.54 1.78 0.00	35.05 1.83 0.00	36.93 1.82 0.00
ASTORIA_GT_8 24108	36.44 1.63 0.00	33.19 1.58 0.00	28.71 1.47 0.00	29.58 1.44 0.00	32.26 1.53 0.00	35.40 1.49 0.00	41.03 1.65 0.00	43.72 2.02 0.00	43.20 2.21 0.00	34.96 2.15 0.00	32.35 2.06 0.00	34.83 2.12 0.00	33.41 2.07 0.00	26.81 1.77 0.00	24.10 1.58 0.00	31.51 1.95 0.00	33.64 1.98 0.00	38.07 2.05 0.00	65.54 3.27 0.00	53.31 2.99 0.00	45.54 2.51 0.00	32.54 1.78 0.00	35.05 1.83 0.00	36.93 1.82 0.00
ASTORIA___2 24149	36.39 1.58 0.00	33.13 1.53 0.00	28.66 1.43 0.00	29.52 1.39 0.00	32.22 1.48 0.00	35.32 1.42 0.00	40.96 1.58 0.00	43.63 1.92 0.00	43.15 2.16 0.00	34.89 2.07 0.00	32.28 1.99 0.00	34.75 2.05 0.01	33.32 1.98 0.00	26.75 1.72 0.00	24.06 1.54 0.00	31.44 1.88 0.01	33.55 1.89 0.00	37.99 1.97 0.00	65.43 3.17 0.00	53.19 2.87 0.00	45.45 2.42 0.00	32.48 1.72 0.00	34.99 1.77 0.00	36.87 1.76 0.00
ASTORIA___3 23516	36.53 1.72 0.00	33.22 1.62 0.00	28.76 1.52 0.00	29.62 1.49 0.00	32.31 1.58 0.00	35.42 1.52 0.00	41.08 1.70 0.00	43.73 2.03 0.00	43.26 2.27 0.00	35.04 2.22 0.00	32.43 2.14 0.00	34.93 2.22 0.00	33.45 2.11 0.00	26.84 1.80 0.00	24.13 1.62 0.00	31.57 2.01 0.00	33.67 2.01 0.00	38.17 2.15 0.00	65.67 3.41 0.00	53.37 3.05 0.00	45.57 2.54 0.00	32.59 1.82 0.00	35.04 1.82 0.00	36.93 1.82 0.00
ASTORIA___4 23517	36.53 1.71 0.00	33.23 1.63 0.00	28.76 1.53 0.00	29.63 1.49 0.00	32.32 1.59 0.00	35.45 1.54 0.00	41.10 1.72 0.00	43.74 2.05 0.00	43.25 2.26 0.00	35.06 2.24 0.00	32.44 2.15 0.00	34.95 2.23 0.00	33.47 2.13 0.00	26.84 1.80 0.00	24.14 1.62 0.00	31.58 2.02 0.00	33.69 2.03 0.00	38.18 2.16 0.00	65.68 3.42 0.00	53.41 3.08 0.00	45.59 2.55 0.00	32.60 1.83 0.00	35.06 1.84 0.00	36.95 1.84 0.00
ASTORIA___5 23518	36.53 1.72 0.00	33.22 1.62 0.00	28.76 1.52 0.00	29.62 1.49 0.00	32.31 1.58 0.00	35.42 1.52 0.00	41.08 1.70 0.00	43.73 2.03 0.00	43.26 2.27 0.00	35.04 2.22 0.00	32.43 2.14 0.00	34.93 2.22 0.00	33.45 2.11 0.00	26.84 1.80 0.00	24.13 1.62 0.00	31.57 2.01 0.00	33.67 2.01 0.00	38.17 2.15 0.00	65.67 3.41 0.00	53.37 3.05 0.00	45.57 2.54 0.00	32.59 1.82 0.00	35.04 1.82 0.00	36.93 1.82 0.00
AST_ENERGY_2_CC3 323677	36.46 1.65 0.00	33.15 1.54 0.00	28.69 1.46 0.00	29.55 1.42 0.00	32.25 1.51 0.00	35.43 1.52 0.00	41.07 1.69 0.00	43.70 1.99 0.00	43.23 2.24 0.00	34.99 2.18 0.00	32.38 2.09 0.00	34.92 2.20 0.00	33.43 2.08 0.00	26.80 1.76 0.00	24.10 1.58 0.00	31.54 1.98 0.00	33.66 2.00 0.00	38.21 2.19 0.00	65.71 3.45 0.00	53.40 3.07 0.00	45.57 2.53 0.00	32.56 1.79 0.00	35.01 1.79 0.00	36.90 1.79 0.00
AST_ENERGY_2_CC4 323678	36.46 1.65 0.00	33.15 1.54 0.00	28.69 1.46 0.00	29.55 1.42 0.00	32.25 1.51 0.00	35.43 1.52 0.00	41.07 1.69 0.00	43.70 1.99 0.00	43.23 2.24 0.00	34.99 2.18 0.00	32.38 2.09 0.00	34.92 2.20 0.00	33.43 2.08 0.00	26.80 1.76 0.00	24.10 1.58 0.00	31.54 1.98 0.00	33.66 2.00 0.00	38.21 2.19 0.00	65.71 3.45 0.00	53.40 3.07 0.00	45.57 2.53 0.00	32.56 1.79 0.00	35.01 1.79 0.00	36.90 1.79 0.00

ATHENS_STG_1 23668	35.76 0.95 0.00	32.49 0.89 0.00	28.07 0.84 0.00	28.99 0.85 0.00	31.64 0.90 0.00	34.84 0.93 0.00	40.42 1.04 0.00	42.93 1.22 0.00	42.28 1.29 0.00	34.00 1.18 0.00	31.41 1.11 0.00	33.88 1.17 0.00	32.46 1.11 0.00	25.93 0.89 0.00	23.31 0.79 0.00	30.58 1.02 0.00	32.74 1.08 0.00	37.24 1.23 0.00	64.26 1.99 0.00	52.05 1.73 0.00	44.50 1.47 0.00	31.82 1.05 0.00	34.26 1.04 0.00	36.16 1.05 0.00
ATHENS_STG_2 23670	35.76 0.95 0.00	32.49 0.89 0.00	28.07 0.84 0.00	28.99 0.85 0.00	31.64 0.90 0.00	34.84 0.93 0.00	40.42 1.04 0.00	42.93 1.22 0.00	42.28 1.29 0.00	34.00 1.18 0.00	31.41 1.11 0.00	33.88 1.17 0.00	32.46 1.11 0.00	25.93 0.89 0.00	23.31 0.79 0.00	30.58 1.02 0.00	32.74 1.08 0.00	37.24 1.23 0.00	64.26 1.99 0.00	52.05 1.73 0.00	44.50 1.47 0.00	31.82 1.05 0.00	34.26 1.04 0.00	36.16 1.05 0.00
ATHENS_STG_3 23677	35.76 0.95 0.00	32.49 0.89 0.00	28.07 0.84 0.00	28.99 0.85 0.00	31.64 0.90 0.00	34.84 0.93 0.00	40.42 1.04 0.00	42.93 1.22 0.00	42.28 1.29 0.00	34.00 1.18 0.00	31.41 1.11 0.00	33.88 1.17 0.00	32.46 1.11 0.00	25.93 0.89 0.00	23.31 0.79 0.00	30.58 1.02 0.00	32.74 1.08 0.00	37.24 1.23 0.00	64.26 1.99 0.00	52.05 1.73 0.00	44.50 1.47 0.00	31.82 1.05 0.00	34.26 1.04 0.00	36.16 1.05 0.00
AUBURN___LFGE 323710	39.42 -0.76 -5.36	30.91 -0.70 0.00	26.60 -0.63 0.00	27.62 -0.51 0.00	30.07 -0.67 0.00	33.18 -0.73 0.00	38.56 -0.82 0.00	42.50 -0.79 -1.59	45.00 -0.84 -4.85	32.08 -0.91 -0.18	29.39 -0.91 0.00	31.73 -0.99 0.00	30.54 -0.81 0.00	24.34 -0.70 0.00	21.94 -0.58 0.00	28.84 -0.71 0.00	31.02 -0.64 0.00	35.22 -0.80 0.00	61.05 -1.21 0.00	49.44 -0.89 0.00	42.30 -0.73 0.00	30.21 -0.55 0.00	32.67 -0.55 0.00	34.47 -0.65 0.00
BABYLON_RES_REC 323704	36.67 1.86 0.00	33.30 1.69 0.00	28.93 1.70 0.00	29.78 1.64 0.00	32.52 1.78 0.00	35.73 1.82 0.00	41.49 2.11 0.00	44.16 2.46 0.00	43.71 2.72 0.00	35.16 2.35 0.00	32.74 2.44 0.00	35.33 2.62 0.00	33.68 2.33 0.00	27.10 2.06 0.00	24.39 1.87 0.00	31.92 2.35 0.00	33.99 2.33 0.00	38.59 2.57 0.00	66.62 4.36 0.00	53.83 3.50 0.00	46.10 3.06 0.00	32.90 2.13 0.00	35.46 2.24 0.00	37.19 2.08 0.00
BABYLON__69_KV_BK2 356345	36.97 2.16 0.00	33.58 1.97 0.00	29.18 1.95 0.00	30.04 1.90 0.00	32.84 2.10 0.00	36.06 2.15 0.00	41.88 2.50 0.00	44.60 2.90 0.00	44.13 3.14 0.00	35.47 2.66 0.00	33.03 2.74 0.00	35.65 2.94 0.00	33.99 2.64 0.00	27.37 2.33 0.00	24.63 2.11 0.00	32.23 2.67 0.00	34.32 2.66 0.00	38.96 2.94 0.00	67.33 5.06 0.00	54.37 4.05 0.00	46.58 3.55 0.00	33.23 2.46 0.00	35.82 2.60 0.00	37.53 2.42 0.00
BALL_HILL_WT_PWR 323825	13.54 -3.43 17.84	25.01 -3.02 3.58	20.94 -2.71 3.58	21.65 -2.69 3.80	23.65 -3.06 4.03	26.20 -3.41 4.30	30.68 -3.90 4.81	27.79 -4.63 9.28	18.89 -4.64 17.46	24.39 -3.73 4.70	23.01 -3.33 3.95	25.32 -3.25 4.14	24.86 -2.96 3.53	19.28 -2.32 3.44	17.25 -2.15 3.11	23.27 -2.76 3.53	24.38 -3.18 4.11	28.02 -3.70 4.30	49.72 -6.27 6.28	39.79 -4.79 5.74	33.84 -4.14 5.05	23.63 -3.14 3.99	26.46 -2.88 3.89	27.47 -3.41 4.23
BARON_WINDS___WT_PWR 323822	-26.05 -3.56 57.31	-28.94 -3.06 57.48	-32.90 -2.65 57.48	-35.53 -2.67 61.00	-36.86 -2.92 64.68	-38.44 -3.28 69.06	-41.69 -3.81 77.26	-43.75 -4.20 81.25	-36.50 -4.27 73.22	-38.33 -3.51 67.64	-36.35 -3.22 63.43	-37.21 -3.36 66.57	-28.58 -3.13 56.80	-32.62 -2.35 55.31	-29.66 -2.18 50.01	-30.16 -2.92 56.79	-37.30 -2.96 66.00	-36.78 -3.66 69.14	-44.64 -5.98 100.93	-46.51 -4.57 92.27	-42.08 -3.90 81.21	-36.34 -2.93 64.17	-32.27 -2.99 62.50	-36.12 -3.29 67.94
BARRETT_IC_1 23704	36.46 1.65 0.00	33.16 1.55 0.00	28.78 1.55 0.00	29.65 1.51 0.00	32.36 1.62 0.00	35.57 1.66 0.00	41.31 1.94 0.00	43.97 2.27 0.00	43.51 2.52 0.00	35.06 2.25 0.00	32.61 2.30 -0.01	35.19 2.47 -0.01	33.62 2.27 0.00	27.00 1.95 -0.01	24.29 1.76 -0.01	31.75 2.20 0.00	33.78 2.12 0.00	38.28 2.26 0.00	66.02 3.75 0.00	53.42 3.10 0.00	45.73 2.70 0.00	32.68 1.92 0.00	35.21 1.99 0.00	36.97 1.86 0.00
BARRETT_IC_10 23701	36.46 1.65 0.00	33.16 1.55 0.00	28.78 1.55 0.00	29.65 1.51 0.00	32.36 1.62 0.00	35.57 1.66 0.00	41.31 1.94 0.00	43.97 2.27 0.00	43.51 2.52 0.00	35.06 2.25 0.00	32.61 2.30 -0.01	35.19 2.47 -0.01	33.62 2.27 0.00	27.00 1.95 -0.01	24.29 1.76 -0.01	31.75 2.20 0.00	33.78 2.12 0.00	38.28 2.26 0.00	66.02 3.75 0.00	53.42 3.10 0.00	45.73 2.70 0.00	32.68 1.92 0.00	35.21 1.99 0.00	36.97 1.86 0.00
BARRETT_IC_11 23702	36.46 1.65 0.00	33.16 1.55 0.00	28.78 1.55 0.00	29.65 1.51 0.00	32.36 1.62 0.00	35.57 1.66 0.00	41.31 1.94 0.00	43.97 2.27 0.00	43.51 2.52 0.00	35.06 2.25 0.00	32.61 2.30 -0.01	35.19 2.47 -0.01	33.62 2.27 0.00	27.00 1.95 -0.01	24.29 1.76 -0.01	31.75 2.20 0.00	33.78 2.12 0.00	38.28 2.26 0.00	66.02 3.75 0.00	53.42 3.10 0.00	45.73 2.70 0.00	32.68 1.92 0.00	35.21 1.99 0.00	36.97 1.86 0.00
BARRETT_IC_12 23703	36.46 1.65 0.00	33.16 1.55 0.00	28.78 1.55 0.00	29.65 1.51 0.00	32.36 1.62 0.00	35.57 1.66 0.00	41.31 1.94 0.00	43.97 2.27 0.00	43.51 2.52 0.00	35.06 2.25 0.00	32.61 2.30 -0.01	35.19 2.47 -0.01	33.62 2.27 0.00	27.00 1.95 -0.01	24.29 1.76 -0.01	31.75 2.20 0.00	33.78 2.12 0.00	38.28 2.26 0.00	66.02 3.75 0.00	53.42 3.10 0.00	45.73 2.70 0.00	32.68 1.92 0.00	35.21 1.99 0.00	36.97 1.86 0.00
BARRETT_IC_2 23705	36.46 1.65 0.00	33.16 1.55 0.00	28.78 1.55 0.00	29.65 1.51 0.00	32.36 1.62 0.00	35.57 1.66 0.00	41.31 1.94 0.00	43.97 2.27 0.00	43.51 2.52 0.00	35.06 2.25 0.00	32.61 2.30 -0.01	35.19 2.47 -0.01	33.62 2.27 0.00	27.00 1.95 -0.01	24.29 1.76 -0.01	31.75 2.20 0.00	33.78 2.12 0.00	38.28 2.26 0.00	66.02 3.75 0.00	53.42 3.10 0.00	45.73 2.70 0.00	32.68 1.92 0.00	35.21 1.99 0.00	36.97 1.86 0.00
BARRETT_IC_3 23706	36.46 1.65 0.00	33.16 1.55 0.00	28.78 1.55 0.00	29.65 1.51 0.00	32.36 1.62 0.00	35.57 1.66 0.00	41.31 1.94 0.00	43.97 2.27 0.00	43.51 2.52 0.00	35.06 2.25 0.00	32.61 2.30 -0.01	35.19 2.47 -0.01	33.62 2.27 0.00	27.00 1.95 -0.01	24.29 1.76 -0.01	31.75 2.20 0.00	33.78 2.12 0.00	38.28 2.26 0.00	66.02 3.75 0.00	53.42 3.10 0.00	45.73 2.70 0.00	32.68 1.92 0.00	35.21 1.99 0.00	36.97 1.86 0.00
BARRETT_IC_4 23707	36.46 1.65 0.00	33.16 1.55 0.00	28.78 1.55 0.00	29.65 1.51 0.00	32.36 1.62 0.00	35.57 1.66 0.00	41.31 1.94 0.00	43.97 2.27 0.00	43.51 2.52 0.00	35.06 2.25 0.00	32.61 2.30 -0.01	35.19 2.47 -0.01	33.62 2.27 0.00	27.00 1.95 -0.01	24.29 1.76 -0.01	31.75 2.20 0.00	33.78 2.12 0.00	38.28 2.26 0.00	66.02 3.75 0.00	53.42 3.10 0.00	45.73 2.70 0.00	32.68 1.92 0.00	35.21 1.99 0.00	36.97 1.86 0.00

BARRETT_IC_5 23708	36.46 1.65 0.00	33.16 1.55 0.00	28.78 1.55 0.00	29.65 1.51 0.00	32.36 1.62 0.00	35.57 1.66 0.00	41.31 1.94 0.00	43.97 2.27 0.00	43.51 2.52 0.00	35.06 2.25 0.00	32.61 2.30 -0.01	35.19 2.47 -0.01	33.62 2.27 0.00	27.00 1.95 -0.01	24.29 1.76 -0.01	31.75 2.20 0.00	33.78 2.12 0.00	38.28 2.26 0.00	66.02 3.75 0.00	53.42 3.10 0.00	45.73 2.70 0.00	32.68 1.92 0.00	35.21 1.99 0.00	36.97 1.86 0.00
BARRETT_IC_6 23709	36.46 1.65 0.00	33.16 1.55 0.00	28.78 1.55 0.00	29.65 1.51 0.00	32.36 1.62 0.00	35.57 1.66 0.00	41.31 1.94 0.00	43.97 2.27 0.00	43.51 2.52 0.00	35.06 2.25 0.00	32.61 2.30 -0.01	35.19 2.47 -0.01	33.62 2.27 0.00	27.00 1.95 -0.01	24.29 1.76 -0.01	31.75 2.20 0.00	33.78 2.12 0.00	38.28 2.26 0.00	66.02 3.75 0.00	53.42 3.10 0.00	45.73 2.70 0.00	32.68 1.92 0.00	35.21 1.99 0.00	36.97 1.86 0.00
BARRETT_IC_7 23710	36.46 1.65 0.00	33.16 1.56 0.00	28.79 1.56 0.00	29.66 1.52 0.00	32.38 1.64 0.00	35.58 1.68 0.00	41.32 1.94 0.00	43.99 2.29 0.00	43.50 2.51 0.00	35.07 2.25 0.00	32.61 2.31 0.00	35.18 2.46 0.00	33.62 2.28 0.00	27.00 1.96 0.00	24.29 1.77 0.00	31.77 2.21 0.00	33.80 2.14 0.00	38.30 2.28 0.00	66.02 3.75 0.00	53.44 3.12 0.00	45.74 2.70 0.00	32.69 1.92 0.00	35.21 2.00 0.00	36.98 1.87 0.00
BARRETT_IC_8 23711	36.46 1.65 0.00	33.16 1.55 0.00	28.78 1.55 0.00	29.65 1.51 0.00	32.36 1.62 0.00	35.57 1.66 0.00	41.31 1.94 0.00	43.97 2.27 0.00	43.51 2.52 0.00	35.06 2.25 0.00	32.61 2.30 -0.01	35.19 2.47 -0.01	33.62 2.27 0.00	27.00 1.95 -0.01	24.29 1.76 -0.01	31.75 2.20 0.00	33.78 2.12 0.00	38.28 2.26 0.00	66.02 3.75 0.00	53.42 3.10 0.00	45.73 2.70 0.00	32.68 1.92 0.00	35.21 1.99 0.00	36.97 1.86 0.00
BARRETT_IC_9 23700	36.46 1.65 0.00	33.16 1.55 0.00	28.78 1.55 0.00	29.65 1.51 0.00	32.36 1.62 0.00	35.57 1.66 0.00	41.31 1.94 0.00	43.97 2.27 0.00	43.51 2.52 0.00	35.06 2.25 0.00	32.61 2.30 -0.01	35.19 2.47 -0.01	33.62 2.27 0.00	27.00 1.95 -0.01	24.29 1.76 -0.01	31.75 2.20 0.00	33.78 2.12 0.00	38.28 2.26 0.00	66.02 3.75 0.00	53.42 3.10 0.00	45.73 2.70 0.00	32.68 1.92 0.00	35.21 1.99 0.00	36.97 1.86 0.00
BARRETT___1 23545	36.46 1.65 0.00	33.16 1.55 0.00	28.78 1.55 0.00	29.65 1.51 0.00	32.36 1.62 0.00	35.57 1.66 0.00	41.31 1.94 0.00	43.97 2.27 0.00	43.51 2.52 0.00	35.06 2.25 0.00	32.61 2.30 -0.01	35.19 2.47 -0.01	33.62 2.27 0.00	27.00 1.95 -0.01	24.29 1.76 -0.01	31.75 2.20 0.00	33.78 2.12 0.00	38.28 2.26 0.00	66.02 3.75 0.00	53.42 3.10 0.00	45.73 2.70 0.00	32.68 1.92 0.00	35.21 1.99 0.00	36.97 1.86 0.00
BARRETT___2 23546	36.46 1.65 0.00	33.16 1.55 0.00	28.78 1.55 0.00	29.65 1.51 0.00	32.36 1.62 0.00	35.57 1.66 0.00	41.31 1.94 0.00	43.97 2.27 0.00	43.51 2.52 0.00	35.06 2.25 0.00	32.61 2.30 -0.01	35.19 2.47 -0.01	33.62 2.27 0.00	27.00 1.95 -0.01	24.29 1.76 -0.01	31.75 2.20 0.00	33.78 2.12 0.00	38.28 2.26 0.00	66.02 3.75 0.00	53.42 3.10 0.00	45.73 2.70 0.00	32.68 1.92 0.00	35.21 1.99 0.00	36.97 1.86 0.00
BATAVIA___115KV_TB1 55881	18.38 -2.38 14.05	24.86 -2.30 4.45	20.64 -2.14 4.45	21.25 -2.16 4.72	23.27 -2.46 5.01	25.91 -2.65 5.35	30.43 -2.97 5.98	29.07 -3.49 9.14	23.29 -3.33 14.36	23.98 -3.27 5.57	22.56 -2.82 4.91	24.73 -2.83 5.15	24.55 -2.40 4.40	19.05 -1.70 4.28	17.05 -1.60 3.87	22.95 -2.21 4.40	23.92 -2.63 5.11	27.68 -2.99 5.35	49.83 -4.62 7.82	39.44 -3.74 7.14	33.60 -3.14 6.29	23.47 -2.33 4.97	26.37 -2.01 4.84	27.53 -2.32 5.26
BAYONEEC___CTG1 323682	36.41 1.60 0.00	33.10 1.49 0.00	28.65 1.42 0.00	29.51 1.37 0.00	32.20 1.46 0.00	35.38 1.47 0.00	41.03 1.65 0.00	43.65 1.95 0.00	43.16 2.17 0.00	34.94 2.13 0.00	32.34 2.05 0.00	34.86 2.15 0.00	33.38 2.03 0.00	26.75 1.71 0.00	24.06 1.54 0.00	31.48 1.93 0.00	33.60 1.94 0.00	38.14 2.12 0.00	65.61 3.34 0.00	53.31 2.99 0.00	45.50 2.46 0.00	32.51 1.75 0.00	34.95 1.73 0.00	36.81 1.70 0.00
BAYONEEC___CTG10 323750	36.41 1.60 0.00	33.10 1.49 0.00	28.65 1.42 0.00	29.51 1.37 0.00	32.20 1.46 0.00	35.38 1.47 0.00	41.03 1.65 0.00	43.65 1.95 0.00	43.16 2.17 0.00	34.94 2.13 0.00	32.34 2.05 0.00	34.86 2.15 0.00	33.38 2.03 0.00	26.75 1.71 0.00	24.06 1.54 0.00	31.48 1.93 0.00	33.60 1.94 0.00	38.14 2.12 0.00	65.61 3.34 0.00	53.31 2.99 0.00	45.50 2.46 0.00	32.51 1.75 0.00	34.95 1.73 0.00	36.81 1.70 0.00
BAYONEEC___CTG2 323683	36.41 1.60 0.00	33.10 1.49 0.00	28.65 1.42 0.00	29.51 1.37 0.00	32.20 1.46 0.00	35.38 1.47 0.00	41.03 1.65 0.00	43.65 1.95 0.00	43.16 2.17 0.00	34.94 2.13 0.00	32.34 2.05 0.00	34.86 2.15 0.00	33.38 2.03 0.00	26.75 1.71 0.00	24.06 1.54 0.00	31.48 1.93 0.00	33.60 1.94 0.00	38.14 2.12 0.00	65.61 3.34 0.00	53.31 2.99 0.00	45.50 2.46 0.00	32.51 1.75 0.00	34.95 1.73 0.00	36.81 1.70 0.00
BAYONEEC___CTG3 323684	36.41 1.60 0.00	33.10 1.49 0.00	28.65 1.42 0.00	29.51 1.37 0.00	32.20 1.46 0.00	35.38 1.47 0.00	41.03 1.65 0.00	43.65 1.95 0.00	43.16 2.17 0.00	34.94 2.13 0.00	32.34 2.05 0.00	34.86 2.15 0.00	33.38 2.03 0.00	26.75 1.71 0.00	24.06 1.54 0.00	31.48 1.93 0.00	33.60 1.94 0.00	38.14 2.12 0.00	65.61 3.34 0.00	53.31 2.99 0.00	45.50 2.46 0.00	32.51 1.75 0.00	34.95 1.73 0.00	36.81 1.70 0.00
BAYONEEC___CTG4 323685	36.41 1.60 0.00	33.10 1.49 0.00	28.65 1.42 0.00	29.51 1.37 0.00	32.20 1.46 0.00	35.38 1.47 0.00	41.03 1.65 0.00	43.65 1.95 0.00	43.16 2.17 0.00	34.94 2.13 0.00	32.34 2.05 0.00	34.86 2.15 0.00	33.38 2.03 0.00	26.75 1.71 0.00	24.06 1.54 0.00	31.48 1.93 0.00	33.60 1.94 0.00	38.14 2.12 0.00	65.61 3.34 0.00	53.31 2.99 0.00	45.50 2.46 0.00	32.51 1.75 0.00	34.95 1.73 0.00	36.81 1.70 0.00
BAYONEEC___CTG5 323686	36.41 1.60 0.00	33.10 1.49 0.00	28.65 1.42 0.00	29.51 1.37 0.00	32.20 1.46 0.00	35.38 1.47 0.00	41.03 1.65 0.00	43.65 1.95 0.00	43.16 2.17 0.00	34.94 2.13 0.00	32.34 2.05 0.00	34.86 2.15 0.00	33.38 2.03 0.00	26.75 1.71 0.00	24.06 1.54 0.00	31.48 1.93 0.00	33.60 1.94 0.00	38.14 2.12 0.00	65.61 3.34 0.00	53.31 2.99 0.00	45.50 2.46 0.00	32.51 1.75 0.00	34.95 1.73 0.00	36.81 1.70 0.00
BAYONEEC___CTG6 323687	36.41 1.60 0.00	33.10 1.49 0.00	28.65 1.42 0.00	29.51 1.37 0.00	32.20 1.46 0.00	35.38 1.47 0.00	41.03 1.65 0.00	43.65 1.95 0.00	43.16 2.17 0.00	34.94 2.13 0.00	32.34 2.05 0.00	34.86 2.15 0.00	33.38 2.03 0.00	26.75 1.71 0.00	24.06 1.54 0.00	31.48 1.93 0.00	33.60 1.94 0.00	38.14 2.12 0.00	65.61 3.34 0.00	53.31 2.99 0.00	45.50 2.46 0.00	32.51 1.75 0.00	34.95 1.73 0.00	36.81 1.70 0.00

BAYONEEC___CTG7 323688	36.41 1.60 0.00	33.10 1.49 0.00	28.65 1.42 0.00	29.51 1.37 0.00	32.20 1.46 0.00	35.38 1.47 0.00	41.03 1.65 0.00	43.65 1.95 0.00	43.16 2.17 0.00	34.94 2.13 0.00	32.34 2.05 0.00	34.86 2.15 0.00	33.38 2.03 0.00	26.75 1.71 0.00	24.06 1.54 0.00	31.48 1.93 0.00	33.60 1.94 0.00	38.14 2.12 0.00	65.61 3.34 0.00	53.31 2.99 0.00	45.50 2.46 0.00	32.51 1.75 0.00	34.95 1.73 0.00	36.81 1.70 0.00
BAYONEEC___CTG8 323689	36.41 1.60 0.00	33.10 1.49 0.00	28.65 1.42 0.00	29.51 1.37 0.00	32.20 1.46 0.00	35.38 1.47 0.00	41.03 1.65 0.00	43.65 1.95 0.00	43.16 2.17 0.00	34.94 2.13 0.00	32.34 2.05 0.00	34.86 2.15 0.00	33.38 2.03 0.00	26.75 1.71 0.00	24.06 1.54 0.00	31.48 1.93 0.00	33.60 1.94 0.00	38.14 2.12 0.00	65.61 3.34 0.00	53.31 2.99 0.00	45.50 2.46 0.00	32.51 1.75 0.00	34.95 1.73 0.00	36.81 1.70 0.00
BAYONEEC___CTG9 323749	36.41 1.60 0.00	33.10 1.49 0.00	28.65 1.42 0.00	29.51 1.37 0.00	32.20 1.46 0.00	35.38 1.47 0.00	41.03 1.65 0.00	43.65 1.95 0.00	43.16 2.17 0.00	34.94 2.13 0.00	32.34 2.05 0.00	34.86 2.15 0.00	33.38 2.03 0.00	26.75 1.71 0.00	24.06 1.54 0.00	31.48 1.93 0.00	33.60 1.94 0.00	38.14 2.12 0.00	65.61 3.34 0.00	53.31 2.99 0.00	45.50 2.46 0.00	32.51 1.75 0.00	34.95 1.73 0.00	36.81 1.70 0.00
BEACON___LESR 323632	36.16 1.35 0.00	32.81 1.20 0.00	28.37 1.13 0.00	29.32 1.19 0.00	32.02 1.28 0.00	35.28 1.37 0.00	40.94 1.56 0.00	43.54 1.84 0.00	42.83 1.84 0.00	34.40 1.59 0.00	31.70 1.40 0.00	34.13 1.42 0.00	32.58 1.24 0.00	25.97 0.93 0.00	23.39 0.87 0.00	30.81 1.25 0.00	33.04 1.38 0.00	37.78 1.76 0.00	65.09 2.82 0.00	52.64 2.31 0.00	44.99 1.96 0.00	32.17 1.41 0.00	34.67 1.45 0.00	36.64 1.53 0.00
BEAVER RIVER___HYD 24048	33.81 -1.01 0.00	30.58 -1.03 0.00	26.27 -0.96 0.00	27.18 -0.96 0.00	29.81 -0.93 0.00	33.11 -0.80 0.00	38.41 -0.97 0.00	40.67 -1.03 0.00	39.54 -1.45 0.00	31.21 -1.61 0.00	28.32 -1.97 0.00	30.45 -2.27 0.00	29.18 -2.16 0.00	23.58 -1.67 -0.21	20.95 -1.58 0.00	27.71 -1.85 0.00	29.97 -1.69 0.00	34.66 -1.36 0.00	60.16 -2.11 0.00	49.46 -1.50 -0.63	44.07 -1.36 -2.40	32.20 -1.04 -2.47	34.61 -1.19 -2.58	36.69 -1.10 -2.68
BEEBEE_GT_13 23619	23.06 -2.18 9.57	28.54 -1.94 1.13	24.32 -1.78 1.13	25.14 -1.80 1.20	27.44 -2.03 1.27	30.35 -2.21 1.36	35.35 -2.51 1.52	34.66 -2.94 4.10	29.02 -2.90 9.07	28.62 -2.58 1.62	26.77 -2.27 1.25	29.15 -2.25 1.31	28.26 -1.97 1.12	22.51 -1.44 1.09	20.23 -1.31 0.98	26.68 -1.76 1.12	28.30 -2.07 1.30	32.30 -2.36 1.36	56.39 -3.89 1.98	45.35 -3.16 1.81	38.78 -2.65 1.59	27.48 -2.02 1.26	30.16 -1.83 1.23	31.72 -2.05 1.34
BENSHRST_27_KV_BENSHRST_1 355998	55.20 2.14 -18.24	53.18 2.03 -19.54	52.52 1.88 -23.41	52.52 1.85 -22.54	52.55 1.96 -19.86	52.58 1.98 -16.69	53.06 2.25 -11.43	53.42 2.60 -9.12	54.37 2.79 -10.59	54.57 2.65 -19.10	54.78 2.54 -21.95	51.38 2.66 -16.01	50.57 2.53 -16.69	50.40 2.14 -23.22	50.35 1.92 -25.91	50.90 2.41 -18.93	51.33 2.45 -17.21	51.38 2.66 -12.70	69.36 4.26 -2.84	54.77 3.79 -0.66	55.67 3.16 -9.48	51.34 2.26 -18.31	50.56 2.30 -15.04	50.46 2.29 -13.05
BETHLEHEM___GRP 23843	35.94 1.13 0.00	32.64 1.03 0.00	28.18 0.95 0.00	29.15 1.01 0.00	31.83 1.09 0.00	35.04 1.13 0.00	40.63 1.25 0.00	43.15 1.45 0.00	42.46 1.47 0.00	34.07 1.25 0.00	31.44 1.15 0.00	33.87 1.16 0.00	32.36 1.02 0.00	25.81 0.76 0.00	23.20 0.67 0.00	30.53 0.97 0.00	32.78 1.11 0.00	37.34 1.32 0.00	64.48 2.21 0.00	52.16 1.83 0.00	44.60 1.57 0.00	31.92 1.15 0.00	34.36 1.14 0.00	36.34 1.23 0.00
BETHLEHEM___GS1 323560	35.94 1.13 0.00	32.63 1.03 0.00	28.18 0.95 0.00	29.14 1.00 0.00	31.82 1.08 0.00	35.04 1.13 0.00	40.63 1.25 0.00	43.15 1.45 0.00	42.46 1.47 0.00	34.06 1.25 0.00	31.43 1.14 0.00	33.86 1.15 0.00	32.35 1.01 0.00	25.80 0.76 0.00	23.19 0.67 0.00	30.53 0.97 0.00	32.77 1.11 0.00	37.33 1.31 0.00	64.46 2.20 0.00	52.16 1.83 0.00	44.60 1.56 0.00	31.91 1.15 0.00	34.36 1.14 0.00	36.33 1.22 0.00
BETHLEHEM___GS2 323561	35.94 1.13 0.00	32.63 1.03 0.00	28.18 0.95 0.00	29.14 1.00 0.00	31.82 1.08 0.00	35.04 1.13 0.00	40.63 1.25 0.00	43.15 1.45 0.00	42.46 1.47 0.00	34.06 1.25 0.00	31.43 1.14 0.00	33.86 1.15 0.00	32.35 1.01 0.00	25.80 0.76 0.00	23.19 0.67 0.00	30.53 0.97 0.00	32.77 1.11 0.00	37.33 1.31 0.00	64.46 2.20 0.00	52.16 1.83 0.00	44.60 1.56 0.00	31.91 1.15 0.00	34.36 1.14 0.00	36.33 1.22 0.00
BETHLEHEM___GS3 323562	35.94 1.13 0.00	32.63 1.03 0.00	28.18 0.95 0.00	29.14 1.00 0.00	31.82 1.08 0.00	35.04 1.13 0.00	40.63 1.25 0.00	43.15 1.45 0.00	42.46 1.47 0.00	34.06 1.25 0.00	31.43 1.14 0.00	33.86 1.15 0.00	32.35 1.01 0.00	25.80 0.76 0.00	23.19 0.67 0.00	30.53 0.97 0.00	32.77 1.11 0.00	37.33 1.31 0.00	64.46 2.20 0.00	52.16 1.83 0.00	44.60 1.56 0.00	31.91 1.15 0.00	34.36 1.14 0.00	36.33 1.22 0.00
BETHLEHEM___STEEL 23779	14.71 -2.91 17.19	24.42 -2.72 4.48	20.25 -2.50 4.48	20.85 -2.53 4.75	22.82 -2.89 5.04	25.37 -3.16 5.38	29.74 -3.63 6.01	27.33 -4.27 10.10	19.74 -4.04 17.21	23.48 -3.63 5.70	22.12 -3.23 4.94	24.42 -3.12 5.18	24.22 -2.71 4.42	18.67 -2.06 4.31	16.74 -1.88 3.89	22.63 -2.51 4.42	23.59 -2.93 5.14	27.29 -3.34 5.38	48.77 -5.64 7.86	38.46 -4.68 7.18	32.81 -3.90 6.32	22.86 -2.91 5.00	25.82 -2.53 4.87	26.93 -2.89 5.29
BETHLHEM_115KV_TB1 79974	35.89 1.07 0.00	32.59 0.98 0.00	28.14 0.91 0.00	29.10 0.96 0.00	31.77 1.04 0.00	34.99 1.08 0.00	40.56 1.18 0.00	43.09 1.39 0.00	42.39 1.40 0.00	34.03 1.21 0.00	31.40 1.11 0.00	33.84 1.12 0.00	32.33 0.98 0.00	25.78 0.75 0.00	23.18 0.66 0.00	30.50 0.94 0.00	32.73 1.07 0.00	37.29 1.27 0.00	64.37 2.11 0.00	52.08 1.76 0.00	44.54 1.51 0.00	31.87 1.11 0.00	34.32 1.10 0.00	36.29 1.18 0.00
BETHPAGE_CC_5 323564	36.60 1.79 0.00	33.24 1.64 0.00	28.86 1.62 0.00	29.71 1.57 0.00	32.45 1.71 0.00	35.64 1.74 0.00	41.40 2.02 0.00	44.06 2.35 0.00	43.60 2.61 0.00	35.10 2.29 0.00	32.67 2.38 0.00	35.26 2.55 0.00	33.65 2.30 0.00	27.05 2.01 0.00	24.34 1.82 0.00	31.85 2.29 0.00	33.93 2.27 0.00	38.52 2.50 0.00	66.43 4.16 0.00	53.72 3.40 0.00	45.98 2.95 0.00	32.82 2.05 0.00	35.36 2.14 0.00	37.11 2.00 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	14.60 -2.81 17.41	24.85 -2.64 4.12	20.68 -2.43 4.12	21.30 -2.47 4.37	23.29 -2.82 4.63	25.88 -3.08 4.95	30.32 -3.53 5.53	27.80 -4.14 9.76	19.81 -3.91 17.27	23.99 -3.52 5.30	22.62 -3.13 4.54	24.93 -3.02 4.77	24.69 -2.59 4.07	19.09 -1.99 3.96	17.12 -1.82 3.58	23.07 -2.42 4.07	24.10 -2.83 4.73	27.83 -3.24 4.95	49.58 -5.46 7.23	39.18 -4.54 6.61	33.44 -3.78 5.81	23.35 -2.82 4.59	26.30 -2.45 4.48	27.42 -2.83 4.86

BINGHAMTON___COGEN 23790	26.56 -1.00 7.26	30.78 -0.83 0.00	26.54 -0.70 0.00	27.47 -0.66 0.00	29.99 -0.75 0.00	33.07 -0.84 0.00	38.41 -0.97 0.00	38.45 -1.11 2.15	33.29 -1.14 6.56	31.59 -0.97 0.25	29.38 -0.91 0.00	31.86 -0.86 0.00	30.61 -0.74 0.00	24.48 -0.56 0.00	22.02 -0.50 0.00	28.84 -0.72 0.00	30.94 -0.73 0.00	35.09 -0.93 0.00	60.70 -1.57 0.00	49.23 -1.09 0.00	42.12 -0.91 0.00	30.06 -0.71 0.00	32.54 -0.68 0.00	34.28 -0.83 0.00
BIXINCNT_115KV_LOAD 355685	13.09 -3.18 18.55	26.48 -3.17 1.96	22.43 -2.84 1.96	23.05 -3.01 2.08	25.11 -3.43 2.20	27.67 -3.89 2.35	32.28 -4.46 2.63	28.88 -5.14 7.68	18.79 -4.70 17.50	26.02 -3.92 2.87	24.52 -3.62 2.16	26.86 -3.59 2.27	26.44 -2.97 1.93	20.81 -2.35 1.88	18.48 -2.33 1.70	24.64 -2.98 1.93	26.12 -3.29 2.25	29.58 -4.08 2.35	52.06 -6.77 3.44	41.51 -5.67 3.14	35.55 -4.71 2.76	25.11 -3.47 2.19	27.83 -3.26 2.13	28.99 -3.81 2.31
BLACK RIVER___HYD 24047	33.62 -1.19 0.00	30.40 -1.21 0.00	26.11 -1.12 0.00	27.04 -1.09 0.00	29.67 -1.07 0.00	32.98 -0.93 0.00	38.31 -1.06 0.00	40.55 -1.15 0.00	39.36 -1.64 0.00	30.78 -2.03 0.00	27.87 -2.42 0.00	29.93 -2.78 0.00	28.70 -2.64 0.00	23.16 -2.03 -0.15	20.59 -1.94 0.00	27.38 -2.18 0.00	29.71 -1.95 0.00	34.51 -1.51 0.00	59.89 -2.37 0.00	49.23 -1.54 -0.45	43.34 -1.38 -1.68	31.42 -1.08 -1.73	33.77 -1.26 -1.81	35.72 -1.28 -1.88
BLACKRVR_115KV_TB2 79977	33.62 -1.19 0.00	30.40 -1.21 0.00	26.11 -1.12 0.00	27.04 -1.10 0.00	29.67 -1.07 0.00	32.97 -0.94 0.00	38.31 -1.06 0.00	40.55 -1.15 0.00	39.35 -1.64 0.00	30.78 -2.04 0.00	27.87 -2.43 0.00	29.93 -2.78 0.00	28.70 -2.64 0.00	23.16 -2.03 -0.15	20.59 -1.94 0.00	27.38 -2.18 0.00	29.71 -1.95 0.00	34.50 -1.51 0.00	59.89 -2.38 0.00	49.23 -1.54 -0.45	43.33 -1.38 -1.68	31.41 -1.08 -1.73	33.77 -1.26 -1.81	35.71 -1.28 -1.88
BLISS_WT_PWR 323608	12.86 -3.41 18.55	26.23 -3.42 1.96	22.24 -3.03 1.96	22.82 -3.24 2.08	24.83 -3.70 2.20	27.33 -4.23 2.35	31.91 -4.84 2.63	28.39 -5.62 7.68	18.28 -5.21 17.50	25.82 -4.12 2.87	24.33 -3.81 2.16	26.63 -3.82 2.27	26.24 -3.17 1.93	20.65 -2.51 1.88	18.28 -2.54 1.70	24.44 -3.18 1.93	25.94 -3.47 2.25	29.29 -4.38 2.35	51.54 -7.29 3.44	41.13 -6.06 3.14	35.20 -5.07 2.76	24.87 -3.71 2.19	27.54 -3.56 2.13	28.67 -4.13 2.31
BLUESTONE___WT_PWR 323821	41.02 -1.68 -7.89	30.00 -1.60 0.00	25.87 -1.37 0.00	26.82 -1.32 0.00	29.23 -1.51 0.00	32.19 -1.72 0.00	37.57 -1.81 0.00	42.06 -1.98 -2.34	46.19 -1.93 -7.13	31.20 -1.89 -0.27	28.52 -1.77 0.00	31.19 -1.53 0.00	30.10 -1.25 0.00	24.22 -0.82 0.00	22.02 -0.50 0.00	28.59 -0.97 0.00	30.26 -1.40 0.00	34.05 -1.97 0.00	58.93 -3.33 0.00	48.23 -2.09 0.00	41.31 -1.72 0.00	29.33 -1.44 0.00	31.67 -1.55 0.00	33.35 -1.76 0.00
BLUE_CIRC_CHEM_DRP 24182	35.95 1.13 0.00	32.65 1.04 0.00	28.18 0.95 0.00	29.15 1.02 0.00	31.83 1.09 0.00	35.06 1.15 0.00	40.68 1.30 0.00	43.17 1.46 0.00	42.44 1.45 0.00	34.01 1.19 0.00	31.34 1.05 0.00	33.73 1.02 0.00	32.19 0.84 0.00	25.64 0.60 0.00	23.07 0.55 0.00	30.39 0.84 0.00	32.65 0.99 0.00	37.25 1.24 0.00	64.43 2.16 0.00	52.13 1.81 0.00	44.58 1.55 0.00	31.90 1.13 0.00	34.37 1.15 0.00	36.33 1.22 0.00
BOC_GAS_DRP 24189	35.64 0.83 0.00	32.37 0.77 0.00	27.95 0.72 0.00	28.89 0.75 0.00	31.55 0.81 0.00	34.74 0.84 0.00	40.29 0.91 0.00	42.78 1.08 0.00	42.10 1.11 0.00	33.79 0.98 0.00	31.20 0.90 0.00	33.64 0.93 0.00	32.20 0.85 0.00	25.70 0.65 0.00	23.10 0.58 0.00	30.34 0.79 0.00	32.53 0.87 0.00	37.03 1.01 0.00	63.93 1.66 0.00	51.72 1.40 0.00	44.23 1.20 0.00	31.64 0.88 0.00	34.09 0.87 0.00	36.03 0.92 0.00
BOONVILLE_115KV_TB1 79983	34.71 -0.10 0.00	31.45 -0.15 0.00	27.09 -0.14 0.00	28.01 -0.12 0.00	30.65 -0.09 0.00	33.92 0.01 0.00	39.39 0.01 0.00	41.76 0.06 0.00	40.80 -0.19 0.00	32.43 -0.39 0.00	29.67 -0.62 0.00	31.97 -0.75 0.00	30.61 -0.74 0.00	24.59 -0.53 -0.08	21.99 -0.53 0.00	28.98 -0.57 0.00	31.23 -0.43 0.00	35.81 -0.21 0.00	62.04 -0.23 0.00	50.58 0.00 -0.25	43.94 -0.04 -0.95	31.67 -0.07 -0.97	34.10 -0.14 -1.02	36.07 -0.10 -1.06
BORALEX_4TH_BRANCH 23824	36.43 1.62 0.00	33.03 1.42 0.00	28.53 1.30 0.00	29.62 1.49 0.00	32.30 1.56 0.00	35.56 1.65 0.00	41.21 1.83 0.00	43.81 2.11 0.00	43.09 2.10 0.00	34.43 1.61 0.00	31.64 1.34 0.00	34.11 1.39 0.00	32.42 1.07 0.00	25.75 0.71 0.00	23.12 0.60 0.00	30.64 1.08 0.00	33.12 1.46 0.00	37.74 1.72 0.00	65.14 2.87 0.00	52.53 2.20 0.00	44.93 1.90 0.00	32.21 1.45 0.00	34.73 1.51 0.00	36.80 1.69 0.00
BOWLINE___1 23526	35.95 1.14 0.00	32.67 1.06 0.00	28.26 1.03 0.00	29.14 1.00 0.00	31.81 1.07 0.00	34.98 1.08 0.00	40.61 1.23 0.00	43.17 1.47 0.00	42.60 1.61 0.00	34.38 1.56 0.00	31.81 1.52 0.00	34.34 1.62 0.00	32.91 1.56 0.00	26.34 1.30 0.00	23.67 1.15 0.00	31.01 1.45 0.00	33.12 1.46 0.00	37.65 1.63 0.00	64.87 2.60 0.00	52.66 2.34 0.00	44.96 1.92 0.00	32.10 1.33 0.00	34.53 1.31 0.00	36.33 1.22 0.00
BOWLINE___2 23595	35.95 1.14 0.00	32.67 1.06 0.00	28.26 1.03 0.00	29.14 1.00 0.00	31.81 1.07 0.00	34.99 1.08 0.00	40.61 1.23 0.00	43.17 1.47 0.00	42.60 1.61 0.00	34.38 1.56 0.00	31.81 1.52 0.00	34.34 1.62 0.00	32.91 1.56 0.00	26.34 1.30 0.00	23.67 1.15 0.00	31.01 1.45 0.00	33.12 1.46 0.00	37.65 1.63 0.00	64.87 2.60 0.00	52.66 2.34 0.00	44.96 1.92 0.00	32.10 1.33 0.00	34.53 1.31 0.00	36.33 1.22 0.00
BRADY___115KV_TB2 356060	35.66 0.85 0.00	32.29 0.68 0.00	27.67 0.43 0.00	28.53 0.40 0.00	31.25 0.51 0.00	34.58 0.67 0.00	40.29 0.90 0.00	42.48 0.78 0.00	41.54 0.55 0.00	33.00 0.19 0.00	30.37 0.07 0.00	32.78 0.06 0.00	31.45 0.10 0.00	25.34 0.05 -0.24	22.62 0.10 0.00	29.72 0.16 0.00	31.91 0.24 0.00	36.55 0.53 0.00	63.40 1.14 0.00	51.88 0.76 -0.80	46.71 0.64 -3.04	34.32 0.43 -3.12	37.04 0.56 -3.26	39.12 0.63 -3.38
BRANSCOMB___SOLAR 323811	36.56 1.74 0.00	33.17 1.56 0.00	28.63 1.40 0.00	29.62 1.49 0.00	32.37 1.63 0.00	35.71 1.81 0.00	41.41 2.03 0.00	43.97 2.26 0.00	43.15 2.16 0.00	34.43 1.61 0.00	31.57 1.28 0.00	33.93 1.22 0.00	32.32 0.97 0.00	25.75 0.71 0.00	23.21 0.70 0.00	30.74 1.18 0.00	33.15 1.49 0.00	37.92 1.90 0.00	65.60 3.33 0.00	52.98 2.66 0.00	45.26 2.22 0.00	32.39 1.63 0.00	34.90 1.68 0.00	36.91 1.79 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	36.85 2.04 0.00	33.48 1.87 0.00	29.12 1.89 0.00	29.97 1.83 0.00	32.75 2.01 0.00	35.96 2.05 0.00	41.79 2.41 0.00	44.45 2.74 0.00	43.96 2.97 0.00	35.33 2.51 0.00	32.91 2.62 0.00	35.52 2.80 0.00	33.85 2.51 0.00	27.27 2.23 0.00	24.54 2.02 0.00	32.10 2.54 0.00	34.17 2.50 0.00	38.81 2.80 0.00	67.00 4.74 0.00	54.11 3.79 0.00	46.34 3.31 0.00	33.10 2.33 0.00	35.67 2.45 0.00	37.39 2.28 0.00

BRISTLHL_115KV_TB1 79998	33.54 -1.27 0.00	30.49 -1.11 0.00	26.27 -0.97 0.00	27.16 -0.98 0.00	29.66 -1.08 0.00	32.72 -1.18 0.00	38.02 -1.36 0.00	40.24 -1.47 0.00	39.49 -1.51 0.00	31.46 -1.35 0.00	29.01 -1.28 0.00	31.37 -1.34 0.00	30.10 -1.25 0.00	24.06 -0.98 0.00	21.64 -0.87 0.00	28.44 -1.12 0.00	30.47 -1.19 0.00	34.59 -1.43 0.00	59.84 -2.43 0.00	48.48 -1.84 0.00	41.44 -1.59 0.00	29.62 -1.15 0.00	32.01 -1.21 0.00	33.85 -1.27 0.00
BROOKHAVEN___DRP 24191	36.56 1.75 0.00	33.23 1.62 0.00	29.02 1.79 0.00	29.88 1.74 0.00	32.76 2.02 0.00	35.94 2.03 0.00	41.77 2.39 0.00	44.47 2.76 0.00	43.99 2.99 0.00	35.09 2.28 0.00	32.64 2.34 0.00	35.26 2.54 0.00	33.58 2.24 0.00	27.08 2.04 0.00	24.37 1.85 0.00	31.90 2.34 0.00	33.82 2.16 0.00	38.46 2.44 0.00	66.78 4.51 0.00	53.70 3.37 0.00	46.20 3.17 0.00	32.95 2.19 0.00	35.52 2.30 0.00	37.19 2.08 0.00
BROOKLYN_NAVY_YARD 23515	36.41 1.60 0.00	33.11 1.50 0.00	28.65 1.42 0.00	29.52 1.38 0.00	32.22 1.48 0.00	35.38 1.48 0.00	40.99 1.61 0.00	43.63 1.93 0.00	43.15 2.16 0.00	34.95 2.13 0.00	32.33 2.04 0.00	34.84 2.13 0.00	33.40 2.05 0.00	26.76 1.72 0.00	24.07 1.55 0.00	31.51 1.95 0.00	33.61 1.95 0.00	38.14 2.12 0.00	65.59 3.32 0.00	53.32 3.00 0.00	45.47 2.43 0.00	32.51 1.74 0.00	34.95 1.73 0.00	36.86 1.75 0.00
BROOKLYN___ARMY_DRP 323595	55.03 1.98 -18.24	53.02 1.88 -19.54	52.40 1.77 -23.41	52.40 1.72 -22.54	52.42 1.82 -19.86	52.42 1.82 -16.69	52.87 2.06 -11.43	53.23 2.41 -9.12	54.17 2.59 -10.59	54.41 2.49 -19.10	54.62 2.38 -21.95	51.20 2.48 -16.01	50.40 2.36 -16.69	50.26 2.01 -23.22	50.23 1.80 -25.91	50.75 2.26 -18.93	51.15 2.28 -17.21	51.18 2.46 -12.70	69.01 3.91 -2.84	54.49 3.51 -0.66	55.42 2.91 -9.48	51.16 2.09 -18.31	50.37 2.11 -15.04	50.29 2.12 -13.05
BROOKVLE_69_KV_TB1 55790	36.71 1.90 0.00	33.36 1.76 0.00	28.92 1.69 0.00	29.79 1.65 0.00	32.54 1.80 0.00	35.75 1.84 0.00	41.52 2.14 0.00	44.18 2.48 0.00	43.70 2.71 0.00	35.25 2.43 0.00	32.76 2.47 0.00	35.36 2.65 0.00	33.77 2.43 0.00	27.13 2.09 0.00	24.41 1.89 0.00	31.95 2.39 0.00	34.05 2.39 0.00	38.63 2.61 0.00	66.61 4.34 0.00	53.91 3.59 0.00	46.11 3.08 0.00	32.91 2.15 0.00	35.45 2.24 0.00	37.23 2.12 0.00
BROOME_2_LFGE 323671	26.54 -1.01 7.26	30.78 -0.82 0.00	26.54 -0.70 0.00	27.47 -0.67 0.00	29.99 -0.74 0.00	33.07 -0.84 0.00	38.41 -0.97 0.00	38.42 -1.13 2.15	33.26 -1.17 6.56	31.58 -0.98 0.25	29.38 -0.91 0.00	31.85 -0.86 0.00	30.60 -0.75 0.00	24.48 -0.56 0.00	22.02 -0.50 0.00	28.84 -0.71 0.00	30.93 -0.74 0.00	35.09 -0.93 0.00	60.72 -1.55 0.00	49.22 -1.10 0.00	42.12 -0.91 0.00	30.05 -0.71 0.00	32.54 -0.68 0.00	34.29 -0.83 0.00
BROOME___LFGE 323600	26.54 -1.01 7.26	30.78 -0.82 0.00	26.54 -0.70 0.00	27.47 -0.67 0.00	29.99 -0.74 0.00	33.07 -0.84 0.00	38.41 -0.97 0.00	38.42 -1.13 2.15	33.26 -1.17 6.56	31.58 -0.98 0.25	29.38 -0.91 0.00	31.85 -0.86 0.00	30.60 -0.75 0.00	24.48 -0.56 0.00	22.02 -0.50 0.00	28.84 -0.71 0.00	30.93 -0.74 0.00	35.09 -0.93 0.00	60.72 -1.55 0.00	49.22 -1.10 0.00	42.12 -0.91 0.00	30.05 -0.71 0.00	32.54 -0.68 0.00	34.29 -0.83 0.00
BROWNFLS_115KV_TB_3_5 80003	34.16 -0.65 0.00	30.90 -0.70 0.00	26.50 -0.73 0.00	27.38 -0.75 0.00	30.02 -0.72 0.00	33.31 -0.60 0.00	38.67 -0.71 0.00	40.86 -0.84 0.00	39.83 -1.16 0.00	31.57 -1.24 0.00	28.83 -1.46 0.00	31.03 -1.68 0.00	29.75 -1.60 0.00	24.15 -1.27 -0.37	21.33 -1.19 0.00	28.14 -1.42 0.00	30.34 -1.32 0.00	34.94 -1.08 0.00	60.62 -1.65 0.00	50.10 -1.35 -1.13	46.13 -1.18 -4.28	34.26 -0.89 -4.40	36.84 -0.98 -4.59	38.97 -0.91 -4.77
BROWNSV1_27_KV_LOAD 356125	36.74 1.93 0.00	33.41 1.80 0.00	28.91 1.68 0.00	29.77 1.63 0.00	32.48 1.74 0.00	35.69 1.79 0.00	41.40 2.02 0.00	44.06 2.36 0.00	43.55 2.56 0.00	35.28 2.46 0.00	32.66 2.37 0.00	35.21 2.49 0.00	33.72 2.37 0.00	27.03 1.99 0.00	24.30 1.79 0.00	31.83 2.27 0.00	33.96 2.30 0.00	38.54 2.52 0.00	66.30 4.04 0.00	53.90 3.58 0.00	45.98 2.95 0.00	32.84 2.08 0.00	35.32 2.10 0.00	37.18 2.07 0.00
BURROWS___LYONSDAL 23803	34.38 -0.44 0.00	31.14 -0.47 0.00	26.80 -0.43 0.00	27.73 -0.41 0.00	30.36 -0.38 0.00	33.63 -0.28 0.00	39.04 -0.34 0.00	41.38 -0.32 0.00	40.37 -0.62 0.00	32.05 -0.76 0.00	29.26 -1.03 0.00	31.50 -1.21 0.00	30.17 -1.18 0.00	24.26 -0.89 -0.11	21.67 -0.84 0.00	28.58 -0.98 0.00	30.81 -0.85 0.00	35.41 -0.61 0.00	61.40 -0.86 0.00	50.14 -0.51 -0.33	43.78 -0.48 -1.23	31.64 -0.39 -1.27	34.05 -0.49 -1.33	36.07 -0.42 -1.37
CAITHNESS_CC_1 323624	36.53 1.72 0.00	33.18 1.58 0.00	28.97 1.74 0.00	29.82 1.68 0.00	32.63 1.89 0.00	35.82 1.91 0.00	41.64 2.26 0.00	44.32 2.62 0.00	43.85 2.86 0.00	35.04 2.23 0.00	32.60 2.31 0.00	35.22 2.51 0.00	33.54 2.19 0.00	27.05 2.01 0.00	24.35 1.83 0.00	31.85 2.29 0.00	33.79 2.13 0.00	38.42 2.41 0.00	66.61 4.35 0.00	53.63 3.30 0.00	46.10 3.07 0.00	32.88 2.12 0.00	35.44 2.22 0.00	37.12 2.01 0.00
CALPINE BETH_PAGE_GT4 24209	36.52 1.71 0.00	33.19 1.58 0.00	28.80 1.57 0.00	29.66 1.52 0.00	32.39 1.66 0.00	35.59 1.68 0.00	41.32 1.94 0.00	43.98 2.28 0.00	43.50 2.51 0.00	35.05 2.24 0.00	32.62 2.32 0.00	35.19 2.48 0.00	33.60 2.25 0.00	27.01 1.97 0.00	24.30 1.78 0.00	31.80 2.24 0.00	33.88 2.22 0.00	38.45 2.43 0.00	66.30 4.03 0.00	53.63 3.30 0.00	45.90 2.86 0.00	32.76 2.00 0.00	35.30 2.08 0.00	37.05 1.93 0.00
CALPINE_BETH_PAGE_GT_4 323586	36.53 1.71 0.00	33.18 1.57 0.00	28.80 1.57 0.00	29.65 1.51 0.00	32.38 1.64 0.00	35.58 1.67 0.00	41.32 1.94 0.00	43.96 2.26 0.00	43.51 2.52 0.00	35.05 2.23 0.00	32.60 2.31 0.00	35.19 2.47 0.00	33.58 2.24 0.00	27.00 1.96 0.00	24.29 1.77 0.00	31.79 2.23 0.00	33.87 2.21 0.00	38.44 2.42 0.00	66.30 4.03 0.00	53.62 3.29 0.00	45.88 2.85 0.00	32.75 1.99 0.00	35.29 2.07 0.00	37.04 1.93 0.00
CALPINE_BP_GT1 23823	36.53 1.71 0.00	33.18 1.57 0.00	28.80 1.57 0.00	29.65 1.51 0.00	32.38 1.64 0.00	35.58 1.67 0.00	41.32 1.94 0.00	43.96 2.26 0.00	43.51 2.52 0.00	35.05 2.23 0.00	32.60 2.31 0.00	35.19 2.47 0.00	33.58 2.24 0.00	27.00 1.96 0.00	24.29 1.77 0.00	31.79 2.23 0.00	33.87 2.21 0.00	38.44 2.42 0.00	66.30 4.03 0.00	53.62 3.29 0.00	45.88 2.85 0.00	32.75 1.99 0.00	35.29 2.07 0.00	37.04 1.93 0.00
CALSPAN___DRP 24200	14.71 -2.91 17.19	24.42 -2.72 4.48	20.25 -2.50 4.48	20.85 -2.53 4.75	22.82 -2.89 5.04	25.37 -3.16 5.38	29.74 -3.63 6.01	27.33 -4.27 10.10	19.74 -4.04 17.21	23.48 -3.63 5.70	22.12 -3.23 4.94	24.42 -3.12 5.18	24.22 -2.71 4.42	18.67 -2.06 4.31	16.74 -1.88 3.89	22.63 -2.51 4.42	23.59 -2.93 5.14	27.29 -3.34 5.38	48.77 -5.64 7.86	38.46 -4.68 7.18	32.81 -3.90 6.32	22.86 -2.91 5.00	25.82 -2.53 4.87	26.93 -2.89 5.29

CALVERTON___SOLAR 323806	36.60 1.79 0.00	33.24 1.63 0.00	29.10 1.88 0.00	29.97 1.83 0.00	32.93 2.19 0.00	36.16 2.25 0.00	42.03 2.65 0.00	44.76 3.06 0.00	44.29 3.30 0.00	35.14 2.32 0.00	32.62 2.32 0.00	35.30 2.59 0.00	33.59 2.24 0.00	27.10 2.06 0.00	24.39 1.87 0.00	31.93 2.37 0.00	33.74 2.07 0.00	38.41 2.40 0.00	67.11 4.84 0.00	53.77 3.44 0.00	46.38 3.35 0.00	33.02 2.26 0.00	35.62 2.40 0.00	37.23 2.11 0.00
CANDIGU_WT_PWR 323617	-26.05 -3.56 57.31	-28.94 -3.06 57.48	-32.90 -2.65 57.48	-35.53 -2.67 61.00	-36.86 -2.92 64.68	-38.44 -3.28 69.06	-41.69 -3.81 77.26	-43.75 -4.20 81.25	-36.50 -4.27 73.22	-38.33 -3.51 67.64	-36.35 -3.22 63.43	-37.21 -3.36 66.57	-28.58 -3.13 56.80	-32.62 -2.35 55.31	-29.66 -2.18 50.01	-30.16 -2.92 56.79	-37.30 -2.96 66.00	-36.78 -3.66 69.14	-44.64 -5.98 100.93	-46.51 -4.57 92.27	-42.08 -3.90 81.21	-36.34 -2.93 64.17	-32.27 -2.99 62.50	-36.12 -3.29 67.94
CARR STREET_E_SYR 24060	33.76 -1.05 0.00	30.70 -0.91 0.00	26.44 -0.79 0.00	27.34 -0.79 0.00	29.86 -0.88 0.00	32.94 -0.97 0.00	38.28 -1.10 0.00	40.49 -1.21 0.00	39.74 -1.25 0.00	31.69 -1.12 0.00	29.24 -1.05 0.00	31.66 -1.06 0.00	30.38 -0.96 0.00	24.29 -0.75 0.00	21.85 -0.67 0.00	28.65 -0.91 0.00	30.70 -0.96 0.00	34.86 -1.16 0.00	60.29 -1.98 0.00	48.87 -1.45 0.00	41.78 -1.25 0.00	29.86 -0.91 0.00	32.28 -0.94 0.00	34.12 -0.99 0.00
CARTHAGE___PAPER 23857	34.01 -0.81 0.00	30.75 -0.86 0.00	26.41 -0.83 0.00	27.33 -0.81 0.00	29.98 -0.75 0.00	33.32 -0.59 0.00	38.70 -0.68 0.00	40.96 -0.74 0.00	39.76 -1.23 0.00	31.22 -1.60 0.00	28.27 -2.03 0.00	30.35 -2.36 0.00	29.11 -2.24 0.00	23.51 -1.71 -0.17	20.88 -1.64 0.00	27.72 -1.84 0.00	30.06 -1.60 0.00	34.91 -1.11 0.00	60.60 -1.67 0.00	49.78 -1.07 -0.52	44.00 -0.99 -1.96	31.99 -0.79 -2.02	34.39 -0.93 -2.11	36.42 -0.88 -2.19
CASSADAGA_WT_PWR 323784	12.46 -3.95 18.40	25.93 -3.54 2.14	21.90 -3.19 2.14	22.68 -3.18 2.27	24.68 -3.65 2.41	27.37 -3.97 2.57	31.94 -4.56 2.88	28.40 -5.45 7.84	18.18 -5.38 17.43	25.47 -4.27 3.08	24.11 -3.82 2.36	26.50 -3.74 2.48	25.74 -3.50 2.12	20.18 -2.80 2.06	18.06 -2.60 1.86	24.22 -3.23 2.11	25.42 -3.78 2.46	29.16 -4.29 2.57	51.21 -7.30 3.76	41.51 -5.38 3.44	35.24 -4.78 3.02	24.71 -3.66 2.39	27.53 -3.36 2.33	28.47 -4.11 2.53
CE_DUNWOOD___DRP 24194	36.26 1.45 0.00	32.97 1.36 0.00	28.53 1.30 0.00	29.41 1.28 0.00	32.10 1.36 0.00	35.29 1.39 0.00	40.94 1.55 0.00	43.54 1.84 0.00	42.98 1.99 0.00	34.73 1.92 0.00	32.15 1.86 0.00	34.70 1.98 0.00	33.23 1.88 0.00	26.61 1.57 0.00	23.92 1.40 0.00	31.34 1.78 0.00	33.46 1.80 0.00	38.01 2.00 0.00	65.46 3.19 0.00	53.14 2.82 0.00	45.37 2.33 0.00	32.42 1.66 0.00	34.86 1.64 0.00	36.69 1.58 0.00
CE_MILLWOOD___DRP 24193	36.15 1.34 0.00	32.85 1.25 0.00	28.43 1.20 0.00	29.31 1.17 0.00	31.99 1.25 0.00	35.17 1.26 0.00	40.81 1.43 0.00	43.40 1.70 0.00	42.83 1.84 0.00	34.59 1.78 0.00	32.01 1.72 0.00	34.54 1.83 0.00	33.10 1.75 0.00	26.50 1.46 0.00	23.81 1.29 0.00	31.20 1.64 0.00	33.33 1.66 0.00	37.87 1.85 0.00	65.22 2.96 0.00	52.95 2.63 0.00	45.20 2.16 0.00	32.30 1.53 0.00	34.73 1.51 0.00	36.56 1.44 0.00
CE_NYC2_DRP 24202	36.55 1.74 0.00	33.26 1.65 0.00	28.79 1.56 0.00	29.66 1.52 0.00	32.34 1.61 0.00	35.48 1.57 0.00	41.14 1.76 0.00	43.79 2.09 0.00	43.29 2.30 0.00	35.08 2.26 0.00	32.46 2.17 0.00	34.98 2.26 0.00	33.50 2.15 0.00	26.86 1.83 0.00	24.15 1.63 0.00	31.60 2.05 0.00	33.72 2.06 0.00	38.22 2.21 0.00	65.76 3.49 0.00	53.46 3.14 0.00	45.63 2.60 0.00	32.62 1.86 0.00	35.09 1.87 0.00	36.98 1.86 0.00
CE_NYC_DRP 24195	36.46 1.65 0.00	33.16 1.55 0.00	28.71 1.48 0.00	29.57 1.43 0.00	32.26 1.52 0.00	35.45 1.54 0.00	41.11 1.73 0.00	43.74 2.04 0.00	43.24 2.24 0.00	35.01 2.19 0.00	32.41 2.12 0.00	34.94 2.23 0.00	33.45 2.11 0.00	26.81 1.77 0.00	24.11 1.59 0.00	31.57 2.01 0.00	33.68 2.02 0.00	38.23 2.21 0.00	65.75 3.49 0.00	53.45 3.13 0.00	45.60 2.56 0.00	32.58 1.81 0.00	35.04 1.82 0.00	36.90 1.79 0.00
CHAFFEE___LFGE 323603	12.73 -2.50 19.58	29.37 -2.24 0.00	25.31 -1.93 0.00	26.28 -1.86 0.00	28.68 -2.06 0.00	31.64 -2.26 0.00	36.60 -2.78 0.00	32.44 -3.45 5.80	19.96 -3.33 17.70	29.29 -2.85 0.67	27.95 -2.35 0.00	30.55 -2.17 0.00	29.58 -1.77 0.00	23.68 -1.37 0.00	21.23 -1.29 0.00	27.78 -1.78 0.00	29.56 -2.10 0.00	33.47 -2.55 0.00	57.77 -4.49 0.00	46.75 -3.57 0.00	40.11 -2.93 0.00	28.47 -2.29 0.00	31.25 -1.97 0.00	32.83 -2.28 0.00
CHATEAUG_35_KV_LOAD 355732	34.99 0.18 0.00	31.55 -0.06 0.00	26.96 -0.27 0.00	27.78 -0.36 0.00	30.53 -0.21 0.00	33.96 0.05 0.00	39.61 0.23 0.00	41.41 -0.29 0.00	40.61 -0.38 0.00	32.65 -0.16 0.00	30.14 -0.15 0.00	32.34 -0.37 0.00	30.85 -0.50 0.00	20.42 -0.61 4.01	22.09 -0.43 0.00	29.06 -0.50 0.00	31.27 -0.39 0.00	35.97 -0.05 0.00	62.50 0.23 0.00	37.84 -1.04 11.44	-1.30 -1.02 43.31	-14.49 -0.74 44.52	-14.02 -0.72 46.52	-13.92 -0.73 48.31
CHATEAUG_WT_PWR 323614	34.90 0.09 0.00	31.45 -0.16 0.00	26.88 -0.35 0.00	27.71 -0.43 0.00	30.45 -0.29 0.00	33.87 -0.04 0.00	39.48 0.10 0.00	41.31 -0.39 0.00	40.55 -0.44 0.00	32.67 -0.15 0.00	30.15 -0.13 0.00	32.32 -0.39 0.00	30.82 -0.53 0.00	20.65 -0.65 3.74	22.06 -0.46 0.00	29.04 -0.52 0.00	31.28 -0.39 0.00	35.91 -0.10 0.00	62.34 0.07 0.00	38.42 -1.24 10.67	1.49 -1.15 40.39	-11.57 -0.83 41.51	-10.99 -0.83 43.38	-10.78 -0.84 45.05
CHAT_HIGH_FALL_HYD 323578	34.99 0.18 0.00	31.55 -0.06 0.00	26.96 -0.27 0.00	27.78 -0.36 0.00	30.53 -0.21 0.00	33.96 0.05 0.00	39.61 0.23 0.00	41.41 -0.29 0.00	40.61 -0.38 0.00	32.65 -0.16 0.00	30.14 -0.15 0.00	32.34 -0.37 0.00	30.85 -0.50 0.00	20.42 -0.61 4.01	22.09 -0.43 0.00	29.06 -0.50 0.00	31.27 -0.39 0.00	35.97 -0.05 0.00	62.50 0.23 0.00	37.84 -1.04 11.44	-1.30 -1.02 43.31	-14.49 -0.74 44.52	-14.02 -0.72 46.52	-13.92 -0.73 48.31
CHAUTAUQUA___LFGE 323629	13.32 -3.53 17.96	25.33 -3.10 3.18	21.27 -2.78 3.18	22.01 -2.76 3.37	24.01 -3.16 3.58	26.61 -3.49 3.82	31.15 -3.96 4.27	28.11 -4.72 8.87	18.82 -4.75 17.42	24.81 -3.76 4.25	23.40 -3.39 3.51	25.75 -3.29 3.68	25.20 -3.01 3.14	19.60 -2.39 3.06	17.52 -2.23 2.76	23.59 -2.83 3.14	24.74 -3.27 3.65	28.44 -3.76 3.82	50.32 -6.37 5.58	40.45 -4.77 5.10	34.38 -4.16 4.49	24.03 -3.19 3.55	26.84 -2.93 3.46	27.84 -3.52 3.76
CHERRYST_13_KV_LD 356241	36.56 1.75 0.00	33.24 1.64 0.00	28.78 1.55 0.00	29.64 1.50 0.00	32.34 1.60 0.00	35.53 1.62 0.00	41.21 1.83 0.00	43.86 2.15 0.00	43.35 2.37 0.00	35.11 2.29 0.00	32.50 2.21 0.00	35.04 2.33 0.00	33.55 2.20 0.00	26.89 1.85 0.00	24.18 1.66 0.00	31.65 2.10 0.00	33.78 2.12 0.00	38.33 2.31 0.00	65.94 3.67 0.00	53.60 3.27 0.00	45.73 2.70 0.00	32.67 1.90 0.00	35.12 1.91 0.00	37.01 1.90 0.00

CHESTROR_138KV_BK263 355645	35.81 1.00 0.00	32.55 0.94 0.00	28.14 0.91 0.00	29.03 0.89 0.00	31.69 0.95 0.00	34.87 0.96 0.00	40.48 1.10 0.00	43.01 1.31 0.00	42.40 1.41 0.00	34.19 1.37 0.00	31.62 1.33 0.00	34.13 1.41 0.00	32.72 1.37 0.00	26.16 1.12 0.00	23.51 0.99 0.00	30.81 1.25 0.00	32.94 1.27 0.00	37.45 1.44 0.00	64.57 2.31 0.00	52.39 2.07 0.00	44.73 1.70 0.00	31.96 1.19 0.00	34.39 1.17 0.00	36.21 1.09 0.00
CH_MIDHUDSON___DRP 24192	36.24 1.42 0.00	32.94 1.33 0.00	28.49 1.26 0.00	29.38 1.25 0.00	32.07 1.34 0.00	35.28 1.38 0.00	40.95 1.57 0.00	43.54 1.84 0.00	42.95 1.96 0.00	34.65 1.84 0.00	32.05 1.76 0.00	34.58 1.87 0.00	33.12 1.78 0.00	26.49 1.45 0.00	23.80 1.28 0.00	31.21 1.66 0.00	33.36 1.70 0.00	37.93 1.92 0.00	65.43 3.16 0.00	53.07 2.75 0.00	45.31 2.28 0.00	32.38 1.62 0.00	34.82 1.60 0.00	36.68 1.57 0.00
CH_MISC_IPPS 23765	36.36 1.54 0.00	33.03 1.42 0.00	28.56 1.33 0.00	29.47 1.33 0.00	32.16 1.42 0.00	35.38 1.48 0.00	41.07 1.69 0.00	43.67 1.97 0.00	43.10 2.11 0.00	34.77 1.96 0.00	32.17 1.88 0.00	34.72 2.01 0.00	33.26 1.91 0.00	26.60 1.56 0.00	23.90 1.38 0.00	31.33 1.77 0.00	33.49 1.83 0.00	38.08 2.06 0.00	65.70 3.43 0.00	53.31 2.98 0.00	45.50 2.47 0.00	32.51 1.74 0.00	34.95 1.73 0.00	36.79 1.68 0.00
CH_RES_BVR_FALLS 23983	34.12 -0.70 0.00	30.96 -0.64 0.00	26.65 -0.59 0.00	27.51 -0.63 0.00	30.13 -0.61 0.00	33.28 -0.62 0.00	38.66 -0.72 0.00	40.87 -0.83 0.00	40.18 -0.81 0.00	32.16 -0.66 0.00	29.70 -0.59 0.00	32.07 -0.64 0.00	30.72 -0.62 0.00	24.53 -0.51 0.00	22.06 -0.46 0.00	28.96 -0.60 0.00	31.06 -0.60 0.00	35.28 -0.74 0.00	61.15 -1.12 0.00	49.22 -1.10 0.00	42.08 -0.95 0.00	30.09 -0.68 0.00	32.51 -0.72 0.00	34.39 -0.72 0.00
CH_RES_NIAGARA 23895	14.64 -3.86 16.31	22.21 -3.65 5.75	18.20 -3.28 5.75	18.68 -3.36 6.10	20.44 -3.84 6.47	22.96 -4.05 6.90	27.06 -4.60 7.72	25.04 -5.40 11.25	18.92 -5.18 16.89	21.16 -4.54 7.12	19.89 -4.07 6.33	22.04 -4.02 6.65	22.11 -3.57 5.67	16.78 -2.73 5.52	15.10 -2.42 4.99	20.64 -3.24 5.67	21.30 -3.77 6.59	24.85 -4.26 6.91	44.90 -7.29 10.08	35.03 -6.08 9.21	29.83 -5.09 8.11	20.59 -3.77 6.41	23.58 -3.40 6.24	24.60 -3.73 6.79
CH_RES_SYRACUSE 23985	33.97 -0.84 0.00	30.89 -0.72 0.00	26.60 -0.63 0.00	27.53 -0.60 0.00	30.06 -0.68 0.00	33.15 -0.76 0.00	38.53 -0.85 0.00	40.79 -0.91 0.00	40.02 -0.97 0.00	31.90 -0.92 0.00	29.42 -0.87 0.00	31.83 -0.88 0.00	30.56 -0.78 0.00	24.42 -0.62 0.00	21.97 -0.55 0.00	28.82 -0.74 0.00	30.92 -0.74 0.00	35.11 -0.91 0.00	60.75 -1.52 0.00	49.20 -1.13 0.00	42.07 -0.96 0.00	30.07 -0.69 0.00	32.49 -0.73 0.00	34.35 0.00 0.00
CLINTON_WT_PWR 323605	34.90 0.09 0.00	31.45 -0.16 0.00	26.88 -0.35 0.00	27.71 -0.43 0.00	30.45 -0.29 0.00	33.87 -0.04 0.00	39.48 0.10 0.00	41.31 -0.39 0.00	40.55 -0.44 0.00	32.67 -0.15 0.00	30.15 -0.13 0.00	32.32 -0.39 0.00	30.82 -0.53 0.00	20.65 -0.65 3.74	22.06 -0.46 0.00	29.04 -0.52 0.00	31.28 -0.39 0.00	35.91 -0.10 0.00	62.34 0.07 0.00	38.42 -1.24 10.67	1.49 -1.15 40.39	-11.57 -0.83 41.51	-10.99 -0.83 43.38	-10.78 -0.84 45.05
CLINTON___LFGE 323618	35.36 0.55 0.00	31.76 0.15 0.00	27.05 -0.18 0.00	27.86 -0.27 0.00	30.70 -0.04 0.00	34.20 0.30 0.00	39.90 0.52 0.00	41.67 -0.03 0.00	40.92 -0.06 0.00	33.05 0.23 0.00	30.43 0.13 0.00	32.55 -0.16 0.00	30.97 -0.38 0.00	20.59 -0.63 3.83	22.12 -0.40 0.00	29.24 -0.32 0.00	31.60 -0.06 0.00	36.38 0.37 0.00	63.14 0.87 0.00	38.47 -0.93 10.93	0.83 -0.83 41.37	-12.40 -0.64 42.52	-11.91 -0.69 44.44	-11.74 -0.71 46.14
COBBLENY_34_KV_TB1 80064	12.74 -2.50 19.58	29.35 -2.26 0.00	25.27 -1.96 0.00	26.24 -1.90 0.00	28.65 -2.09 0.00	31.60 -2.30 0.00	36.55 -2.83 0.00	32.55 -3.35 5.80	20.13 -3.16 17.70	29.25 -2.89 0.67	27.88 -2.41 0.00	30.48 -2.23 0.00	29.53 -1.81 0.00	23.63 -1.41 0.00	21.21 -1.31 0.00	27.72 -1.84 0.00	29.51 -2.16 0.00	33.42 -2.60 0.00	57.73 -4.54 0.00	46.67 -3.66 0.00	40.05 -2.98 0.00	28.43 -2.34 0.00	31.21 -2.01 0.00	32.77 -2.34 0.00
COFFEEN___115KV_TB3 355620	33.83 -0.98 0.00	30.59 -1.02 0.00	26.27 -0.97 0.00	27.20 -0.94 0.00	29.84 -0.90 0.00	33.16 -0.75 0.00	38.55 -0.83 0.00	40.80 -0.90 0.00	39.58 -1.41 0.00	30.88 -1.93 0.00	27.94 -2.36 0.00	30.00 -2.71 0.00	28.74 -2.61 0.00	23.22 -1.96 -0.14	20.62 -1.90 0.00	27.48 -2.08 0.00	29.85 -1.81 0.00	34.70 -1.32 0.00	60.29 -1.98 0.00	49.57 -1.18 -0.43	43.60 -1.06 -1.64	31.58 -0.87 -1.68	33.94 -1.03 -1.76	35.87 -1.07 -1.82
COLDSPRG_115KV_BK1 355956	13.34 -2.62 18.85	29.23 -2.38 0.00	25.10 -2.13 0.00	26.04 -2.09 0.00	28.35 -2.39 0.00	31.31 -2.60 0.00	36.36 -3.02 0.00	32.48 -3.64 5.58	20.49 -3.46 17.04	29.22 -2.96 0.65	27.71 -2.58 0.00	30.32 -2.40 0.00	29.27 -2.08 0.00	23.40 -1.64 0.00	20.97 -1.55 0.00	27.55 -2.00 0.00	29.25 -2.41 0.00	33.21 -2.81 0.00	57.50 -4.77 0.00	46.71 -3.62 0.00	39.94 -3.09 0.00	28.33 -2.43 0.00	31.14 -2.08 0.00	32.49 -2.62 0.00
COLONIE_LFGE___ 323577	36.06 1.25 0.00	32.72 1.11 0.00	28.25 1.01 0.00	29.24 1.10 0.00	31.92 1.18 0.00	35.17 1.26 0.00	40.78 1.40 0.00	43.31 1.61 0.00	42.60 1.61 0.00	34.09 1.28 0.00	31.38 1.09 0.00	33.79 1.08 0.00	32.23 0.88 0.00	25.66 0.62 0.00	23.09 0.57 0.00	30.48 0.92 0.00	32.80 1.13 0.00	37.41 1.39 0.00	64.61 2.35 0.00	52.22 1.89 0.00	44.66 1.63 0.00	31.97 1.20 0.00	34.42 1.21 0.00	36.44 1.32 0.00
COOPERNY_115KV_TB1 80082	35.45 0.64 0.00	32.21 0.61 0.00	27.83 0.60 0.00	28.72 0.59 0.00	31.36 0.62 0.00	34.53 0.62 0.00	40.08 0.70 0.00	42.55 0.85 0.00	41.90 0.91 0.00	33.72 0.90 0.00	31.17 0.88 0.00	33.66 0.94 0.00	32.27 0.92 0.00	25.81 0.77 0.00	23.20 0.68 0.00	30.40 0.84 0.00	32.51 0.84 0.00	36.97 0.95 0.00	63.77 1.50 0.00	51.71 1.39 0.00	44.17 1.14 0.00	31.56 0.80 0.00	34.00 0.78 0.00	35.83 0.72 0.00
COPENHAGEN_WT_PWR 323753	33.18 -1.64 0.00	29.99 -1.62 0.00	25.76 -1.47 0.00	26.69 -1.44 0.00	29.31 -1.43 0.00	32.57 -1.33 0.00	37.82 -1.56 0.00	40.04 -1.66 0.00	38.89 -2.10 0.00	30.43 -2.39 0.00	27.60 -2.70 0.00	29.64 -3.07 0.00	28.41 -2.94 0.00	22.90 -2.27 -0.14	20.38 -2.14 0.00	27.08 -2.48 0.00	29.35 -2.31 0.00	34.03 -1.99 0.00	59.05 -3.22 0.00	48.49 -2.24 -0.41	42.61 -1.97 -1.55	30.86 -1.49 -1.59	33.18 -1.70 -1.66	35.09 -1.75 -1.73
CORNELL_____ 23752	106.96 -0.50 -72.65	33.78 -0.42 -2.60	29.46 -0.37 -2.59	30.56 -0.33 -2.75	33.26 -0.39 -2.92	36.61 -0.42 -3.12	42.45 -0.43 -3.49	65.67 -0.46 -24.43	107.08 -0.55 -66.64	37.51 -0.76 -5.46	32.31 -0.85 -2.87	34.89 -0.82 -3.01	33.16 -0.75 -2.56	26.96 -0.58 -2.50	24.25 -0.53 -2.26	31.44 -0.69 -2.56	34.15 -0.50 -2.98	38.54 -0.60 -3.12	66.01 -0.82 -4.56	54.14 -0.35 -4.17	46.42 -0.28 -3.67	33.41 -0.26 -2.90	35.77 -0.27 -2.82	37.81 -0.37 -3.07

CORONA_69_KV_TB1 355595	36.68 1.87 0.00	33.34 1.73 0.00	28.92 1.69 0.00	29.80 1.66 0.00	32.54 1.80 0.00	35.75 1.84 0.00	41.50 2.12 0.00	44.16 2.46 0.00	43.67 2.68 0.00	35.23 2.41 0.00	32.75 2.46 0.00	35.33 2.62 0.00	33.76 2.42 0.00	27.11 2.07 0.00	24.39 1.87 0.00	31.91 2.36 0.00	33.99 2.33 0.00	38.55 2.53 0.00	66.48 4.22 0.00	53.84 3.52 0.00	46.06 3.03 0.00	32.90 2.13 0.00	35.42 2.20 0.00	37.20 2.09 0.00
CORTLAND_115KV_TB3 80093	53.35 -0.56 -19.11	31.14 -0.47 0.00	26.84 -0.39 0.00	27.76 -0.37 0.00	30.32 -0.42 0.00	33.45 -0.46 0.00	38.89 -0.49 0.00	46.82 -0.55 -5.66	57.63 -0.63 -17.27	32.78 -0.69 -0.66	29.56 -0.73 0.00	32.00 -0.71 0.00	30.73 -0.62 0.00	24.56 -0.48 0.00	22.09 -0.43 0.00	28.97 -0.59 0.00	31.15 -0.51 0.00	35.43 -0.59 0.00	61.36 -0.91 0.00	49.80 -0.52 0.00	42.60 -0.43 0.00	30.40 -0.36 0.00	32.85 -0.37 0.00	34.66 -0.46 0.00
COXSACKIE___GT 23611	37.11 2.30 0.00	33.67 2.06 0.00	29.04 1.81 0.00	30.04 1.90 0.00	32.82 2.08 0.00	36.21 2.30 0.00	42.09 2.70 0.00	44.80 3.10 0.00	44.19 3.20 0.00	35.38 2.56 0.00	32.46 2.16 0.00	34.79 2.07 0.00	33.01 1.66 0.00	26.13 1.09 0.00	23.47 0.95 0.00	30.97 1.41 0.00	33.61 1.94 0.00	38.38 2.36 0.00	66.95 4.68 0.00	54.32 4.00 0.00	46.39 3.36 0.00	33.14 2.37 0.00	35.62 2.40 0.00	37.60 2.49 0.00
CPV_VALLEY___CC1 323721	35.57 0.76 0.00	32.32 0.71 0.00	27.95 0.71 0.00	28.83 0.69 0.00	31.47 0.73 0.00	34.63 0.72 0.00	40.19 0.81 0.00	42.67 0.97 0.00	42.09 1.10 0.00	33.93 1.11 0.00	31.37 1.08 0.00	33.87 1.15 0.00	32.46 1.12 0.00	25.96 0.92 0.00	23.35 0.83 0.00	30.58 1.02 0.00	32.68 1.02 0.00	37.16 1.14 0.00	64.05 1.78 0.00	51.96 1.64 0.00	44.37 1.34 0.00	31.71 0.94 0.00	34.13 0.91 0.00	35.95 0.83 0.00
CPV_VALLEY___CC2 323722	35.57 0.76 0.00	32.32 0.71 0.00	27.95 0.71 0.00	28.83 0.69 0.00	31.47 0.73 0.00	34.63 0.72 0.00	40.19 0.81 0.00	42.67 0.97 0.00	42.09 1.10 0.00	33.93 1.11 0.00	31.37 1.08 0.00	33.87 1.15 0.00	32.46 1.12 0.00	25.96 0.92 0.00	23.35 0.83 0.00	30.58 1.02 0.00	32.68 1.02 0.00	37.16 1.14 0.00	64.05 1.78 0.00	51.96 1.64 0.00	44.37 1.34 0.00	31.71 0.94 0.00	34.13 0.91 0.00	35.95 0.83 0.00
CRESCENT___HYD 24018	36.06 1.25 0.00	32.72 1.11 0.00	28.25 1.01 0.00	29.24 1.10 0.00	31.92 1.18 0.00	35.17 1.26 0.00	40.78 1.40 0.00	43.31 1.61 0.00	42.60 1.61 0.00	34.09 1.28 0.00	31.38 1.09 0.00	33.79 1.08 0.00	32.23 0.88 0.00	25.66 0.62 0.00	23.09 0.57 0.00	30.48 0.92 0.00	32.80 1.13 0.00	37.41 1.39 0.00	64.61 2.35 0.00	52.22 1.89 0.00	44.66 1.63 0.00	31.97 1.20 0.00	34.42 1.21 0.00	36.44 1.32 0.00
CRICKET___VALLEY_CC1 323756	36.01 1.20 0.00	32.75 1.14 0.00	28.35 1.11 0.00	29.23 1.10 0.00	31.92 1.19 0.00	35.10 1.19 0.00	40.70 1.32 0.00	43.26 1.56 0.00	42.68 1.69 0.00	34.40 1.59 0.00	31.80 1.51 0.00	34.30 1.59 0.00	32.83 1.48 0.00	26.23 1.18 0.00	23.56 1.04 0.00	30.93 1.37 0.00	33.07 1.41 0.00	37.60 1.58 0.00	64.90 2.63 0.00	52.62 2.29 0.00	44.92 1.88 0.00	32.14 1.38 0.00	34.55 1.33 0.00	36.45 1.35 0.00
CRICKET___VALLEY_CC2 323757	36.01 1.20 0.00	32.75 1.14 0.00	28.35 1.11 0.00	29.23 1.10 0.00	31.92 1.19 0.00	35.10 1.19 0.00	40.70 1.32 0.00	43.26 1.56 0.00	42.68 1.69 0.00	34.40 1.59 0.00	31.80 1.51 0.00	34.30 1.59 0.00	32.83 1.48 0.00	26.23 1.18 0.00	23.56 1.04 0.00	30.93 1.37 0.00	33.07 1.41 0.00	37.60 1.58 0.00	64.90 2.63 0.00	52.62 2.29 0.00	44.92 1.88 0.00	32.14 1.38 0.00	34.55 1.33 0.00	36.45 1.35 0.00
CRICKET___VALLEY_CC3 323758	36.01 1.20 0.00	32.75 1.14 0.00	28.35 1.11 0.00	29.23 1.10 0.00	31.92 1.19 0.00	35.10 1.19 0.00	40.70 1.32 0.00	43.26 1.56 0.00	42.68 1.69 0.00	34.40 1.59 0.00	31.80 1.51 0.00	34.30 1.59 0.00	32.83 1.48 0.00	26.23 1.18 0.00	23.56 1.04 0.00	30.93 1.37 0.00	33.07 1.41 0.00	37.60 1.58 0.00	64.90 2.63 0.00	52.62 2.29 0.00	44.92 1.88 0.00	32.14 1.38 0.00	34.55 1.33 0.00	36.45 1.35 0.00
CRUCIBLE_METL_DRP 24180	33.97 -0.84 0.00	30.89 -0.72 0.00	26.59 -0.64 0.00	27.53 -0.61 0.00	30.04 -0.69 0.00	33.14 -0.76 0.00	38.53 -0.85 0.00	40.78 -0.92 0.00	40.03 -0.96 0.00	31.90 -0.92 0.00	29.41 -0.88 0.00	31.83 -0.89 0.00	30.55 -0.80 0.00	24.41 -0.63 0.00	21.96 -0.56 0.00	28.82 -0.74 0.00	30.92 -0.75 0.00	35.10 -0.92 0.00	60.74 -1.53 0.00	49.19 -1.13 0.00	42.07 -0.96 0.00	30.06 -0.70 0.00	32.49 -0.73 0.00	34.34 -0.77 0.00
DAHOWA___HYDRO 323763	36.74 1.93 0.00	33.33 1.73 0.00	28.77 1.54 0.00	29.76 1.63 0.00	32.55 1.81 0.00	35.91 2.00 0.00	41.63 2.25 0.00	44.21 2.51 0.00	43.38 2.39 0.00	34.61 1.80 0.00	31.71 1.42 0.00	34.07 1.35 0.00	32.43 1.09 0.00	25.83 0.79 0.00	23.30 0.78 0.00	30.86 1.31 0.00	33.30 1.64 0.00	38.14 2.12 0.00	65.95 3.68 0.00	53.26 2.94 0.00	45.46 2.43 0.00	32.55 1.78 0.00	35.06 1.84 0.00	37.08 1.96 0.00
DANC___LFGE 323619	33.27 -1.54 0.00	30.15 -1.46 0.00	25.91 -1.33 0.00	26.82 -1.32 0.00	29.38 -1.36 0.00	32.56 -1.34 0.00	37.84 -1.54 0.00	40.05 -1.65 0.00	39.07 -1.92 0.00	30.78 -2.04 0.00	28.08 -2.21 0.00	30.24 -2.47 0.00	29.00 -2.34 0.00	23.32 -1.82 -0.09	20.81 -1.71 0.00	27.55 -2.01 0.00	29.73 -1.93 0.00	34.20 -1.82 0.00	59.27 -3.00 0.00	48.48 -2.12 -0.28	42.26 -1.85 -1.07	30.49 -1.38 -1.10	32.83 -1.54 -1.15	34.72 -1.59 -1.19
DANSKAMMER___1 23586	36.36 1.54 0.00	33.03 1.42 0.00	28.56 1.33 0.00	29.47 1.33 0.00	32.16 1.42 0.00	35.38 1.48 0.00	41.07 1.69 0.00	43.67 1.97 0.00	43.10 2.11 0.00	34.77 1.96 0.00	32.17 1.88 0.00	34.72 2.01 0.00	33.26 1.91 0.00	26.60 1.56 0.00	23.90 1.38 0.00	31.33 1.77 0.00	33.49 1.83 0.00	38.08 2.06 0.00	65.70 3.43 0.00	53.31 2.98 0.00	45.50 2.47 0.00	32.51 1.74 0.00	34.95 1.73 0.00	36.79 1.68 0.00
DANSKAMMER___2 23589	36.36 1.54 0.00	33.03 1.42 0.00	28.56 1.33 0.00	29.47 1.33 0.00	32.16 1.42 0.00	35.38 1.48 0.00	41.07 1.69 0.00	43.67 1.97 0.00	43.10 2.11 0.00	34.77 1.96 0.00	32.17 1.88 0.00	34.72 2.01 0.00	33.26 1.91 0.00	26.60 1.56 0.00	23.90 1.38 0.00	31.33 1.77 0.00	33.49 1.83 0.00	38.08 2.06 0.00	65.70 3.43 0.00	53.31 2.98 0.00	45.50 2.47 0.00	32.51 1.74 0.00	34.95 1.73 0.00	36.79 1.68 0.00
DANSKAMMER___3 23590	36.36 1.54 0.00	33.03 1.42 0.00	28.56 1.33 0.00	29.47 1.33 0.00	32.16 1.42 0.00	35.38 1.48 0.00	41.07 1.69 0.00	43.67 1.97 0.00	43.10 2.11 0.00	34.77 1.96 0.00	32.17 1.88 0.00	34.72 2.01 0.00	33.26 1.91 0.00	26.60 1.56 0.00	23.90 1.38 0.00	31.33 1.77 0.00	33.49 1.83 0.00	38.08 2.06 0.00	65.70 3.43 0.00	53.31 2.98 0.00	45.50 2.47 0.00	32.51 1.74 0.00	34.95 1.73 0.00	36.79 1.68 0.00

DANSKAMMER___4 23591	36.36 1.54 0.00	33.03 1.42 0.00	28.56 1.33 0.00	29.47 1.33 0.00	32.16 1.42 0.00	35.38 1.48 0.00	41.07 1.69 0.00	43.67 1.97 0.00	43.10 2.11 0.00	34.77 1.96 0.00	32.17 1.88 0.00	34.72 2.01 0.00	33.26 1.91 0.00	26.60 1.56 0.00	23.90 1.38 0.00	31.33 1.77 0.00	33.49 1.83 0.00	38.08 2.06 0.00	65.70 3.43 0.00	53.31 2.98 0.00	45.50 2.47 0.00	32.51 1.74 0.00	34.95 1.73 0.00	36.79 1.68 0.00
DANSKAMMER___DIESEL 23592	36.35 1.54 0.00	33.04 1.43 0.00	28.57 1.34 0.00	29.47 1.33 0.00	32.16 1.42 0.00	35.39 1.48 0.00	41.09 1.71 0.00	43.69 1.98 0.00	43.09 2.10 0.00	34.78 1.97 0.00	32.18 1.89 0.00	34.72 2.00 0.00	33.27 1.92 0.00	26.60 1.56 0.00	23.90 1.38 0.00	31.34 1.78 0.00	33.50 1.84 0.00	38.09 2.07 0.00	65.71 3.44 0.00	53.32 3.00 0.00	45.51 2.48 0.00	32.51 1.75 0.00	34.96 1.74 0.00	36.80 1.69 0.00
DARBY___SOLAR 323810	36.58 1.77 0.00	33.20 1.59 0.00	28.65 1.42 0.00	29.65 1.51 0.00	32.40 1.66 0.00	35.75 1.84 0.00	41.45 2.07 0.00	44.00 2.30 0.00	43.18 2.19 0.00	34.46 1.65 0.00	31.59 1.30 0.00	33.95 1.23 0.00	32.34 0.99 0.00	25.75 0.71 0.00	23.23 0.71 0.00	30.75 1.20 0.00	33.18 1.51 0.00	37.95 1.93 0.00	65.64 3.38 0.00	53.02 2.69 0.00	45.28 2.25 0.00	32.42 1.66 0.00	34.92 1.70 0.00	36.94 1.82 0.00
DASHVILLE___HYD 23610	36.13 1.32 0.00	32.84 1.23 0.00	28.40 1.16 0.00	29.29 1.15 0.00	31.97 1.23 0.00	35.18 1.27 0.00	40.83 1.45 0.00	43.41 1.71 0.00	42.85 1.86 0.00	34.58 1.76 0.00	32.01 1.72 0.00	34.54 1.83 0.00	33.11 1.77 0.00	26.48 1.44 0.00	23.78 1.26 0.00	31.17 1.61 0.00	33.33 1.67 0.00	37.84 1.83 0.00	65.29 3.02 0.00	52.97 2.65 0.00	45.23 2.20 0.00	32.31 1.54 0.00	34.74 1.52 0.00	36.58 1.47 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	37.14 2.33 0.00	33.72 2.11 0.00	29.58 2.34 0.00	30.45 2.32 0.00	33.54 2.80 0.00	36.83 2.93 0.00	42.81 3.43 0.00	45.65 3.95 0.00	45.17 4.17 0.00	35.74 2.92 0.00	33.16 2.86 0.00	35.84 3.13 0.00	34.08 2.73 0.00	27.50 2.46 0.00	24.71 2.19 0.00	32.49 2.93 0.00	34.26 2.60 0.00	39.07 3.05 0.00	68.44 6.18 0.00	54.51 4.18 0.00	46.95 3.92 0.00	33.16 2.40 0.00	35.46 2.24 0.00	36.97 1.86 0.00
DELAWARE___LFGE 323621	35.25 0.44 0.00	32.02 0.41 0.00	27.63 0.40 0.00	28.54 0.41 0.00	31.17 0.43 0.00	34.35 0.44 0.00	39.91 0.54 0.00	42.31 0.61 0.00	41.59 0.60 0.00	33.30 0.49 0.00	30.75 0.46 0.00	33.23 0.51 0.00	31.92 0.57 0.00	25.52 0.48 0.00	22.97 0.45 0.00	30.11 0.55 0.00	32.22 0.55 0.00	36.61 0.59 0.00	63.24 0.97 0.00	51.27 0.94 0.00	43.85 0.81 0.00	31.31 0.54 0.00	33.76 0.54 0.00	35.61 0.49 0.00
DERFIELD_115KV_TB7 355931	34.90 0.09 0.00	31.70 0.09 0.00	27.34 0.10 0.00	28.25 0.11 0.00	30.86 0.12 0.00	34.02 0.11 0.00	39.50 0.12 0.00	41.89 0.19 0.00	41.16 0.17 0.00	32.98 0.16 0.00	30.42 0.12 0.00	32.83 0.11 0.00	31.44 0.09 0.00	25.11 0.07 0.00	22.58 0.06 0.00	29.65 0.09 0.00	31.78 0.12 0.00	36.15 0.13 0.00	62.50 0.23 0.00	50.58 0.25 0.00	43.25 0.22 0.00	30.92 0.16 0.00	33.35 0.13 0.00	35.24 0.12 0.00
DOGLEVILLE___HYD 23807	35.17 0.36 0.00	31.91 0.30 0.00	27.58 0.35 0.00	28.56 0.42 0.00	31.15 0.41 0.00	34.31 0.40 0.00	39.85 0.47 0.00	42.38 0.68 0.00	41.51 0.52 0.00	33.09 0.28 0.00	30.41 0.12 0.00	32.68 -0.03 0.00	31.08 -0.27 0.00	24.76 -0.28 0.00	22.39 -0.13 0.00	29.49 -0.07 0.00	31.69 0.03 0.00	36.27 0.25 0.00	63.06 0.80 0.00	51.17 0.84 0.00	43.85 0.81 0.00	31.32 0.55 0.00	33.67 0.44 0.00	35.53 0.41 0.00
DUNKIRK___115KV_TB_200 55889	13.44 -3.45 17.92	25.28 -3.05 3.28	21.20 -2.75 3.28	21.94 -2.72 3.48	23.95 -3.10 3.69	26.53 -3.44 3.94	31.06 -3.91 4.41	28.11 -4.62 8.97	18.99 -4.58 17.41	24.75 -3.70 4.36	23.32 -3.36 3.62	25.67 -3.25 3.80	25.15 -2.96 3.24	19.55 -2.34 3.15	17.48 -2.19 2.85	23.53 -2.79 3.24	24.69 -3.21 3.76	28.37 -3.70 3.94	50.26 -6.25 5.75	40.32 -4.74 5.26	34.29 -4.12 4.63	23.97 -3.14 3.66	26.78 -2.87 3.56	27.77 -3.47 3.87
DUNKIRK___1 23563	13.44 -3.45 17.92	25.28 -3.05 3.28	21.20 -2.75 3.28	21.94 -2.72 3.48	23.95 -3.10 3.69	26.53 -3.44 3.94	31.06 -3.91 4.41	28.11 -4.62 8.97	18.99 -4.58 17.41	24.75 -3.70 4.36	23.32 -3.36 3.62	25.67 -3.25 3.80	25.15 -2.96 3.24	19.55 -2.34 3.15	17.48 -2.19 2.85	23.53 -2.79 3.24	24.69 -3.21 3.76	28.37 -3.70 3.94	50.26 -6.25 5.75	40.32 -4.74 5.26	34.29 -4.12 4.63	23.97 -3.14 3.66	26.78 -2.87 3.56	27.77 -3.47 3.87
DUNKIRK___2 23564	13.44 -3.45 17.92	25.28 -3.05 3.28	21.20 -2.75 3.28	21.94 -2.72 3.48	23.95 -3.10 3.69	26.53 -3.44 3.94	31.06 -3.91 4.41	28.11 -4.62 8.97	18.99 -4.58 17.41	24.75 -3.70 4.36	23.32 -3.36 3.62	25.67 -3.25 3.80	25.15 -2.96 3.24	19.55 -2.34 3.15	17.48 -2.19 2.85	23.53 -2.79 3.24	24.69 -3.21 3.76	28.37 -3.70 3.94	50.26 -6.25 5.75	40.32 -4.74 5.26	34.29 -4.12 4.63	23.97 -3.14 3.66	26.78 -2.87 3.56	27.77 -3.47 3.87
DUNKIRK___3 23565	13.65 -3.32 17.84	25.07 -2.96 3.58	20.99 -2.67 3.58	21.70 -2.64 3.80	23.71 -3.01 4.03	26.28 -3.34 4.30	30.76 -3.81 4.81	27.93 -4.49 9.28	19.12 -4.41 17.46	24.47 -3.65 4.70	23.06 -3.29 3.95	25.39 -3.18 4.14	24.94 -2.87 3.53	19.34 -2.26 3.44	17.32 -2.09 3.11	23.32 -2.70 3.53	24.46 -3.09 4.11	28.12 -3.60 4.30	49.90 -6.09 6.28	39.88 -4.70 5.74	33.95 -4.03 5.05	23.71 -3.06 3.99	26.55 -2.78 3.89	27.57 -3.31 4.23
DUNKIRK___4 23566	13.65 -3.32 17.84	25.07 -2.96 3.58	20.99 -2.67 3.58	21.70 -2.64 3.80	23.71 -3.01 4.03	26.28 -3.34 4.30	30.76 -3.81 4.81	27.93 -4.49 9.28	19.12 -4.41 17.46	24.47 -3.65 4.70	23.06 -3.29 3.95	25.39 -3.18 4.14	24.94 -2.87 3.53	19.34 -2.26 3.44	17.32 -2.09 3.11	23.32 -2.70 3.53	24.46 -3.09 4.11	28.12 -3.60 4.30	49.90 -6.09 6.28	39.88 -4.70 5.74	33.95 -4.03 5.05	23.71 -3.06 3.99	26.55 -2.78 3.89	27.57 -3.31 4.23
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.34 1.53 0.00	33.04 1.43 0.00	28.60 1.37 0.00	29.47 1.34 0.00	32.16 1.42 0.00	35.35 1.45 0.00	41.00 1.62 0.00	43.61 1.91 0.00	43.06 2.07 0.00	34.81 2.00 0.00	32.23 1.94 0.00	34.78 2.06 0.00	33.33 1.98 0.00	26.69 1.65 0.00	23.99 1.47 0.00	31.43 1.87 0.00	33.55 1.89 0.00	38.10 2.08 0.00	65.61 3.35 0.00	53.27 2.94 0.00	45.47 2.44 0.00	32.49 1.73 0.00	34.94 1.72 0.00	36.79 1.68 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.06 1.24 0.00	32.76 1.16 0.00	28.34 1.10 0.00	29.22 1.09 0.00	31.90 1.16 0.00	35.10 1.20 0.00	40.75 1.36 0.00	43.31 1.60 0.00	42.72 1.73 0.00	34.47 1.65 0.00	31.88 1.59 0.00	34.41 1.70 0.00	32.98 1.63 0.00	26.38 1.34 0.00	23.70 1.18 0.00	31.06 1.50 0.00	33.20 1.54 0.00	37.75 1.73 0.00	65.10 2.83 0.00	52.83 2.51 0.00	45.10 2.07 0.00	32.21 1.45 0.00	34.65 1.43 0.00	36.47 1.36 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	36.37 1.56 0.00	33.10 1.49 0.00	28.63 1.40 0.00	29.49 1.36 0.00	32.19 1.45 0.00	35.32 1.41 0.00	40.98 1.60 0.00	43.65 1.95 0.00	43.14 2.15 0.00	34.91 2.09 0.00	32.28 1.99 0.00	34.76 2.05 0.00	33.32 1.97 0.00	26.71 1.67 0.00	24.01 1.49 0.00	31.41 1.85 0.00	33.55 1.89 0.00	38.00 1.98 0.00	65.43 3.17 0.00	53.23 2.90 0.00	45.44 2.41 0.00	32.47 1.70 0.00	34.95 1.73 0.00	36.91 1.79 0.00
E179THST_13_KV_LOAD 356214	36.51 1.69 0.00	33.22 1.61 0.00	28.73 1.49 0.00	29.60 1.47 0.00	32.29 1.55 0.00	35.43 1.52 0.00	41.12 1.74 0.00	43.81 2.11 0.00	43.29 2.31 0.00	35.04 2.22 0.00	32.41 2.11 0.00	34.92 2.20 0.00	33.46 2.11 0.00	26.82 1.78 0.00	24.11 1.59 0.00	31.55 1.99 0.00	33.69 2.02 0.00	38.15 2.13 0.00	65.71 3.45 0.00	53.45 3.13 0.00	45.65 2.62 0.00	32.61 1.84 0.00	35.09 1.87 0.00	37.04 1.92 0.00
EAST HAMPTON___GT 23717	37.41 2.59 0.00	33.92 2.31 0.00	29.78 2.54 0.00	30.66 2.52 0.00	33.72 2.98 0.00	37.08 3.17 0.00	43.09 3.71 0.00	45.95 4.25 0.00	45.51 4.51 0.00	36.01 3.19 0.00	33.42 3.12 0.00	36.10 3.39 0.00	34.25 2.91 0.00	27.69 2.65 0.00	24.83 2.31 0.00	32.76 3.20 0.00	34.52 2.86 0.00	39.43 3.40 0.00	68.99 6.71 0.00	54.68 4.36 0.00	46.93 3.90 0.00	32.88 2.12 0.00	34.81 1.59 0.00	36.26 1.15 0.00
EAST RIVER___6 23660	36.52 1.71 0.00	33.20 1.60 0.00	28.74 1.50 0.00	29.60 1.46 0.00	32.29 1.56 0.00	35.49 1.58 0.00	41.15 1.77 0.00	43.78 2.08 0.00	43.31 2.32 0.00	35.05 2.24 0.00	32.45 2.16 0.00	34.99 2.28 0.00	33.49 2.15 0.00	26.85 1.81 0.00	24.15 1.63 0.00	31.60 2.05 0.00	33.73 2.06 0.00	38.28 2.26 0.00	65.85 3.58 0.00	53.51 3.19 0.00	45.66 2.63 0.00	32.62 1.85 0.00	35.08 1.86 0.00	36.97 1.85 0.00
EAST RIVER___7 23524	36.52 1.71 0.00	33.20 1.60 0.00	28.74 1.50 0.00	29.60 1.46 0.00	32.29 1.56 0.00	35.49 1.58 0.00	41.15 1.77 0.00	43.78 2.08 0.00	43.31 2.32 0.00	35.05 2.24 0.00	32.45 2.16 0.00	34.99 2.28 0.00	33.49 2.15 0.00	26.85 1.81 0.00	24.15 1.63 0.00	31.60 2.05 0.00	33.73 2.06 0.00	38.28 2.26 0.00	65.85 3.58 0.00	53.51 3.19 0.00	45.66 2.63 0.00	32.62 1.85 0.00	35.08 1.86 0.00	36.97 1.85 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.26 1.45 0.00	32.97 1.36 0.00	28.53 1.30 0.00	29.41 1.28 0.00	32.10 1.36 0.00	35.29 1.39 0.00	40.94 1.55 0.00	43.54 1.84 0.00	42.98 1.99 0.00	34.73 1.92 0.00	32.15 1.86 0.00	34.70 1.98 0.00	33.23 1.88 0.00	26.61 1.57 0.00	23.92 1.40 0.00	31.34 1.78 0.00	33.46 1.80 0.00	38.01 2.00 0.00	65.46 3.19 0.00	53.14 2.82 0.00	45.37 2.33 0.00	32.42 1.66 0.00	34.86 1.64 0.00	36.69 1.58 0.00
EAST_HAMPTON___DIESEL 23722	37.41 2.60 0.00	33.92 2.31 0.00	29.78 2.55 0.00	30.66 2.53 0.00	33.72 2.98 0.00	37.08 3.17 0.00	43.10 3.72 0.00	45.96 4.26 0.00	45.51 4.51 0.00	36.01 3.19 0.00	33.42 3.13 0.00	36.09 3.38 0.00	34.25 2.90 0.00	27.69 2.65 0.00	24.83 2.31 0.00	32.77 3.21 0.00	34.52 2.86 0.00	39.43 3.41 0.00	69.00 6.73 0.00	54.65 4.32 0.00	46.89 3.85 0.00	32.83 2.06 0.00	34.69 1.47 0.00	36.14 1.03 0.00
EAST_POINT___SOLAR 323840	36.35 1.54 0.00	33.00 1.39 0.00	28.38 1.15 0.00	29.27 1.13 0.00	32.00 1.27 0.00	35.38 1.48 0.00	41.17 1.79 0.00	43.57 1.87 0.00	41.78 0.79 0.00	32.53 -0.28 0.00	29.86 -0.44 0.00	32.13 -0.58 0.00	30.82 -0.53 0.00	24.82 -0.22 0.00	22.52 0.00 0.00	29.87 0.31 0.00	31.49 -0.17 0.00	36.74 0.72 0.00	64.58 2.31 0.00	52.78 2.46 0.00	45.15 2.11 0.00	32.21 1.44 0.00	34.70 1.48 0.00	36.61 1.50 0.00
EAST_PULASKI___ESR 323781	33.46 -1.35 0.00	30.39 -1.22 0.00	26.13 -1.10 0.00	27.04 -1.10 0.00	29.57 -1.18 0.00	32.69 -1.22 0.00	37.97 -1.41 0.00	40.19 -1.51 0.00	39.35 -1.64 0.00	31.22 -1.60 0.00	28.67 -1.63 0.00	30.94 -1.77 0.00	29.69 -1.66 0.00	23.75 -1.29 0.00	21.32 -1.20 0.00	28.12 -1.44 0.00	30.20 -1.47 0.00	34.46 -1.56 0.00	59.63 -2.63 0.00	48.45 -1.88 0.00	41.41 -1.63 0.00	29.59 -1.18 0.00	31.93 -1.29 0.00	33.77 -1.34 0.00
EAST_RIVER___1 323558	36.47 1.66 0.00	33.16 1.55 0.00	28.70 1.47 0.00	29.56 1.42 0.00	32.25 1.51 0.00	35.43 1.53 0.00	41.09 1.71 0.00	43.72 2.02 0.00	43.24 2.25 0.00	35.00 2.19 0.00	32.41 2.11 0.00	34.93 2.22 0.00	33.44 2.10 0.00	26.80 1.76 0.00	24.10 1.58 0.00	31.55 1.99 0.00	33.67 2.01 0.00	38.22 2.20 0.00	65.74 3.48 0.00	53.43 3.10 0.00	45.59 2.56 0.00	32.58 1.81 0.00	35.02 1.80 0.00	36.90 1.78 0.00
EAST_RIVER___2 323559	36.52 1.71 0.00	33.20 1.60 0.00	28.74 1.50 0.00	29.60 1.46 0.00	32.29 1.56 0.00	35.49 1.58 0.00	41.15 1.77 0.00	43.78 2.08 0.00	43.31 2.32 0.00	35.05 2.24 0.00	32.45 2.16 0.00	34.99 2.28 0.00	33.49 2.15 0.00	26.85 1.81 0.00	24.15 1.63 0.00	31.60 2.05 0.00	33.73 2.06 0.00	38.28 2.26 0.00	65.85 3.58 0.00	53.51 3.19 0.00	45.66 2.63 0.00	32.62 1.85 0.00	35.08 1.86 0.00	36.97 1.85 0.00
EAST___DELAWARE_HYD 23607	36.02 1.21 0.00	32.71 1.10 0.00	28.27 1.04 0.00	29.17 1.03 0.00	31.85 1.11 0.00	35.08 1.17 0.00	40.74 1.36 0.00	43.29 1.59 0.00	42.71 1.72 0.00	34.42 1.60 0.00	31.84 1.55 0.00	34.36 1.65 0.00	32.95 1.61 0.00	26.32 1.28 0.00	23.63 1.11 0.00	30.99 1.43 0.00	33.14 1.48 0.00	37.69 1.67 0.00	65.16 2.90 0.00	52.88 2.55 0.00	45.11 2.07 0.00	32.22 1.45 0.00	34.62 1.40 0.00	36.44 1.33 0.00
EIGHT_POINT___WT_PWR 323820	5.69 -4.14 24.98	52.88 -3.56 -24.83	48.93 -3.13 -24.83	51.28 -3.21 -26.35	55.24 -3.44 -27.94	59.72 -4.02 -29.83	68.12 -4.63 -33.38	56.95 -5.11 -20.36	22.44 -5.22 13.33	56.05 -4.28 -27.51	53.76 -3.93 -27.40	57.19 -4.27 -28.75	51.89 -4.00 -24.54	46.05 -2.89 -23.89	41.36 -2.76 -21.60	50.36 -3.73 -24.53	56.55 -3.62 -28.51	61.30 -4.59 -29.87	98.56 -7.31 -43.60	84.57 -5.61 -39.86	73.23 -4.88 -35.08	54.76 -3.72 -27.72	56.43 -3.79 -27.00	60.39 -4.07 -29.35
ELBRIDGE_115KV_TB2 80188	33.80 -1.01 0.00	30.71 -0.90 0.00	26.45 -0.78 0.00	27.39 -0.74 0.00	29.87 -0.87 0.00	32.96 -0.95 0.00	38.29 -1.08 0.00	40.56 -1.14 0.00	39.82 -1.17 0.00	31.74 -1.08 0.00	29.27 -1.02 0.00	31.64 -1.07 0.00	30.40 -0.94 0.00	24.28 -0.76 0.00	21.85 -0.67 0.00	28.67 -0.89 0.00	30.76 -0.91 0.00	34.91 -1.11 0.00	60.41 -1.86 0.00	48.93 -1.39 0.00	41.86 -1.18 0.00	29.90 -0.87 0.00	32.33 -0.89 0.00	34.16 -0.95 0.00
ELEC_TRO_TEK 24086	36.51 1.70 0.00	33.18 1.57 0.00	28.78 1.55 0.00	29.64 1.51 0.00	32.36 1.62 0.00	35.56 1.65 0.00	41.29 1.91 0.00	43.93 2.23 0.00	43.44 2.45 0.00	35.03 2.22 0.00	32.57 2.27 0.00	35.14 2.42 0.00	33.56 2.22 0.00	26.96 1.92 0.00	24.25 1.73 0.00	31.74 2.18 0.00	33.83 2.17 0.00	38.38 2.36 0.00	66.17 3.90 0.00	53.57 3.24 0.00	45.81 2.78 0.00	32.72 1.96 0.00	35.23 2.01 0.00	37.01 1.90 0.00

ELLENBURG_WT_PWR 323604	34.90 0.09 0.00	31.45 -0.16 0.00	26.88 -0.35 0.00	27.71 -0.43 0.00	30.45 -0.29 0.00	33.87 -0.04 0.00	39.48 0.10 0.00	41.31 -0.39 0.00	40.55 -0.44 0.00	32.67 -0.15 0.00	30.15 -0.13 0.00	32.32 -0.39 0.00	30.82 -0.53 0.00	20.65 -0.65 3.74	22.06 -0.46 0.00	29.04 -0.52 0.00	31.28 -0.39 0.00	35.91 -0.10 0.00	62.34 0.07 0.00	38.42 -1.24 10.67	1.49 -1.15 40.39	-11.57 -0.83 41.51	-10.99 -0.83 43.38	-10.78 -0.84 45.05
ELM_ST_23_KV_LD_REV_LBMP_A 345012	14.84 -3.14 16.83	23.74 -2.91 4.96	19.61 -2.66 4.96	20.17 -2.70 5.27	22.08 -3.07 5.58	24.59 -3.36 5.96	28.85 -3.86 6.67	26.62 -4.54 10.53	19.61 -4.32 17.06	22.73 -3.84 6.25	21.40 -3.41 5.48	23.64 -3.32 5.75	23.54 -2.90 4.91	18.04 -2.22 4.78	16.19 -2.01 4.32	21.98 -2.68 4.90	22.84 -3.12 5.70	26.49 -3.56 5.97	47.52 -6.03 8.72	37.37 -4.99 7.97	31.84 -4.18 7.01	22.12 -3.10 5.54	25.09 -2.73 5.40	26.16 -3.09 5.87
EMPIRE_CC_1 323656	35.74 0.93 0.00	32.46 0.85 0.00	28.04 0.81 0.00	29.02 0.88 0.00	31.67 0.93 0.00	34.84 0.93 0.00	40.31 0.93 0.00	42.84 1.14 0.00	42.14 1.15 0.00	33.80 0.98 0.00	31.20 0.90 0.00	33.59 0.87 0.00	32.08 0.74 0.00	25.58 0.54 0.00	22.98 0.46 0.00	30.27 0.71 0.00	32.52 0.86 0.00	37.03 1.01 0.00	63.86 1.59 0.00	51.59 1.26 0.00	44.16 1.13 0.00	31.65 0.89 0.00	34.05 0.83 0.00	36.11 1.00 0.00
EMPIRE_CC_2 323658	35.74 0.93 0.00	32.46 0.85 0.00	28.04 0.81 0.00	29.02 0.88 0.00	31.67 0.93 0.00	34.84 0.93 0.00	40.31 0.93 0.00	42.84 1.14 0.00	42.14 1.15 0.00	33.80 0.98 0.00	31.20 0.90 0.00	33.59 0.87 0.00	32.08 0.74 0.00	25.58 0.54 0.00	22.98 0.46 0.00	30.27 0.71 0.00	32.52 0.86 0.00	37.03 1.01 0.00	63.86 1.59 0.00	51.59 1.26 0.00	44.16 1.13 0.00	31.65 0.89 0.00	34.05 0.83 0.00	36.11 1.00 0.00
ENORWICH_115KV_TB1 80156	58.39 -0.18 -23.76	32.72 -0.23 -1.34	28.39 -0.18 -1.34	29.42 -0.14 -1.42	32.04 -0.20 -1.51	35.34 -0.17 -1.61	41.17 -0.01 -1.80	50.24 0.00 -8.54	62.74 -0.22 -21.97	34.39 -0.77 -2.35	30.75 -1.02 -1.48	33.33 -0.93 -1.55	31.94 -0.73 -1.32	25.86 -0.47 -1.29	23.31 -0.37 -1.16	30.21 -0.68 -1.32	32.67 -0.53 -1.54	37.16 -0.47 -1.61	64.09 -0.53 -2.35	52.76 0.28 -2.15	45.21 0.28 -1.89	32.29 0.03 -1.50	34.67 0.00 -1.46	36.53 -0.16 -1.58
ERIE_ST_34_KV_TB1-2 80199	14.86 -2.52 17.44	25.01 -2.42 4.18	20.83 -2.23 4.18	21.46 -2.24 4.43	23.47 -2.57 4.70	26.10 -2.79 5.02	30.55 -3.22 5.61	28.12 -3.75 9.84	20.18 -3.49 17.32	24.18 -3.27 5.37	22.81 -2.87 4.61	25.13 -2.75 4.84	24.88 -2.34 4.13	19.24 -1.79 4.02	17.25 -1.64 3.63	23.23 -2.21 4.13	24.28 -2.58 4.80	28.03 -2.96 5.02	49.96 -4.97 7.33	39.50 -4.12 6.70	33.72 -3.42 5.90	23.54 -2.56 4.66	26.51 -2.17 4.54	27.65 -2.53 4.94
ERIE_WT_PWR 323693	14.71 -2.91 17.19	24.44 -2.70 4.48	20.29 -2.46 4.48	20.90 -2.49 4.75	22.86 -2.85 5.04	25.41 -3.12 5.38	29.80 -3.57 6.01	27.35 -4.25 10.10	19.66 -4.12 17.21	23.53 -3.58 5.70	22.22 -3.14 4.94	24.49 -2.75 5.18	24.27 -2.65 4.42	18.72 -2.01 4.31	16.77 -1.86 3.89	22.69 -2.45 4.42	23.66 -2.86 5.14	27.35 -3.29 5.38	48.82 -5.58 7.86	38.58 -4.56 7.18	32.90 -3.81 6.32	22.91 -2.86 5.00	25.86 -2.49 4.87	27.00 -2.82 5.29
ESPRGFLD_115KV_TB1 80157	35.32 0.50 0.00	32.08 0.47 0.00	27.59 0.36 0.00	28.44 0.31 0.00	31.10 0.35 0.00	34.35 0.44 0.00	39.97 0.59 0.00	42.26 0.56 0.00	41.30 0.31 0.00	32.85 0.03 0.00	30.30 0.00 0.00	32.77 0.05 0.00	31.59 0.24 0.00	25.33 0.29 0.00	22.82 0.30 0.00	29.95 0.40 0.00	31.98 0.31 0.00	36.33 0.32 0.00	63.00 0.73 0.00	51.26 0.93 0.00	43.82 0.79 0.00	31.25 0.48 0.00	33.70 0.48 0.00	35.60 0.48 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	92.46 -0.53 -58.18	33.33 -0.44 -2.16	29.00 -0.39 -2.16	30.09 -0.34 -2.29	32.76 -0.40 -2.43	36.06 -0.44 -2.60	41.83 -0.45 -2.90	60.87 -0.49 -19.65	93.81 -0.58 -53.40	36.51 -0.77 -4.47	31.84 -0.84 -2.39	34.39 -0.82 -2.50	32.75 -0.74 -2.14	26.54 -0.58 -2.08	23.88 -0.51 -1.88	31.01 -0.68 -2.14	33.63 -0.51 -2.48	37.99 -0.63 -2.60	65.20 -0.87 -3.80	53.38 -0.41 -3.47	45.76 -0.33 -3.05	32.89 -0.29 -2.42	35.28 -0.29 -2.35	37.27 -0.40 -2.56
ETNA____115KV_TB2 80207	92.46 -0.53 -58.18	33.33 -0.44 -2.16	29.00 -0.39 -2.16	30.09 -0.34 -2.29	32.76 -0.40 -2.43	36.06 -0.44 -2.60	41.83 -0.45 -2.90	60.87 -0.49 -19.65	93.81 -0.58 -53.40	36.51 -0.77 -4.47	31.84 -0.84 -2.39	34.39 -0.82 -2.50	32.75 -0.74 -2.14	26.54 -0.58 -2.08	23.88 -0.51 -1.88	31.01 -0.68 -2.14	33.63 -0.51 -2.48	37.99 -0.63 -2.60	65.20 -0.87 -3.80	53.38 -0.41 -3.47	45.76 -0.33 -3.05	32.89 -0.29 -2.42	35.28 -0.29 -2.35	37.27 -0.40 -2.56
EUCLID____115KV_TB2 356179	33.65 -1.17 0.00	30.58 -1.03 0.00	26.33 -0.90 0.00	27.23 -0.90 0.00	29.73 -1.01 0.00	32.80 -1.11 0.00	38.11 -1.27 0.00	40.32 -1.38 0.00	39.59 -1.40 0.00	31.58 -1.24 0.00	29.13 -1.17 0.00	31.53 -1.19 0.00	30.26 -1.09 0.00	24.20 -0.85 0.00	21.75 -0.76 0.00	28.53 -1.03 0.00	30.56 -1.10 0.00	34.72 -1.30 0.00	60.03 -2.24 0.00	48.62 -1.70 0.00	41.59 -1.44 0.00	29.72 -1.05 0.00	32.12 -1.10 0.00	33.97 -1.14 0.00
E_CANADA_CAP_HY 24051	35.75 0.94 0.00	32.46 0.85 0.00	27.89 0.66 0.00	28.73 0.60 0.00	31.43 0.68 0.00	34.73 0.82 0.00	40.39 1.01 0.00	42.67 0.97 0.00	41.49 0.50 0.00	32.83 0.01 0.00	30.23 -0.07 0.00	32.63 -0.09 0.00	31.40 0.05 0.00	25.15 0.11 0.00	22.71 0.19 0.00	29.92 0.36 0.00	31.92 0.26 0.00	36.41 0.40 0.00	63.42 1.15 0.00	51.67 1.34 0.00	44.17 1.13 0.00	31.50 0.74 0.00	33.98 0.76 0.00	35.95 0.83 0.00
E_CANADA_MHWK_HY 24050	35.17 0.36 0.00	31.91 0.30 0.00	27.58 0.35 0.00	28.56 0.42 0.00	31.15 0.41 0.00	34.31 0.40 0.00	39.85 0.47 0.00	42.38 0.68 0.00	41.51 0.52 0.00	33.09 0.28 0.00	30.41 0.12 0.00	32.68 -0.03 0.00	31.08 -0.27 0.00	24.76 -0.28 0.00	22.39 -0.13 0.00	29.49 -0.07 0.00	31.69 0.03 0.00	36.27 0.25 0.00	63.06 0.80 0.00	51.17 0.84 0.00	43.85 0.81 0.00	31.32 0.55 0.00	33.67 0.44 0.00	35.53 0.41 0.00
E_FISHKILL____LBMP 23776	36.08 1.27 0.00	32.80 1.20 0.00	28.38 1.15 0.00	29.27 1.13 0.00	31.95 1.21 0.00	35.13 1.23 0.00	40.75 1.37 0.00	43.33 1.63 0.00	42.74 1.75 0.00	34.49 1.67 0.00	31.91 1.61 0.00	34.41 1.70 0.00	32.96 1.62 0.00	26.37 1.33 0.00	23.70 1.19 0.00	31.08 1.52 0.00	33.21 1.55 0.00	37.74 1.73 0.00	65.06 2.80 0.00	52.78 2.46 0.00	45.06 2.03 0.00	32.21 1.45 0.00	34.65 1.43 0.00	36.51 1.40 0.00
FALCON____SEABRD_CC1 323796	35.30 0.48 0.00	31.68 0.08 0.00	26.94 -0.29 0.00	27.75 -0.39 0.00	30.59 -0.14 0.00	34.11 0.20 0.00	39.78 0.40 0.00	41.54 -0.16 0.00	40.81 -0.18 0.00	33.05 0.23 0.00	30.41 0.12 0.00	32.52 -0.19 0.00	30.91 -0.44 0.00	20.55 -0.69 3.79	22.07 -0.45 0.00	29.22 -0.34 0.00	31.57 -0.10 0.00	36.33 0.31 0.00	63.00 0.74 10.83	38.33 -1.17 41.01	0.99 -1.03 42.15	-12.18 -0.80 44.05	-11.68 -0.86 45.74	-11.50 -0.88 45.74

FALCON___SEABRD_CC2 323797	35.30 0.48 0.00	31.68 0.08 0.00	26.94 -0.29 0.00	27.75 -0.39 0.00	30.59 -0.14 0.00	34.11 0.20 0.00	39.78 0.40 0.00	41.54 -0.16 0.00	40.81 -0.18 0.00	33.05 0.23 0.00	30.41 0.12 0.00	32.52 -0.19 0.00	30.91 -0.44 0.00	20.55 -0.69 3.79	22.07 -0.45 0.00	29.22 -0.34 0.00	31.57 -0.10 0.00	36.33 0.31 0.00	63.00 0.74 0.00	38.33 -1.17 10.83	0.99 -1.03 41.01	-12.18 -0.80 42.15	-11.68 -0.86 44.05	-11.50 -0.88 45.74
FAR ROCKAWAY___4 23548	36.92 2.10 0.00	33.54 1.93 0.00	29.10 1.87 0.00	29.98 1.84 0.00	32.73 1.99 0.00	35.97 2.07 0.00	41.78 2.40 0.00	44.47 2.77 0.00	43.99 2.99 0.00	35.47 2.65 0.00	32.97 2.68 0.00	35.56 2.85 0.00	33.99 2.65 0.00	27.30 2.25 0.00	24.55 2.03 0.00	32.13 2.58 0.00	34.23 2.57 0.00	38.81 2.79 0.00	66.98 4.71 0.00	54.24 3.92 0.00	46.41 3.38 0.00	33.13 2.37 0.00	35.67 2.45 0.00	37.44 2.33 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.47 1.66 0.00	33.17 1.56 0.00	28.71 1.48 0.00	29.58 1.44 0.00	32.27 1.53 0.00	35.46 1.55 0.00	41.11 1.73 0.00	43.75 2.05 0.00	43.25 2.25 0.00	35.02 2.20 0.00	32.42 2.12 0.00	34.94 2.23 0.00	33.46 2.11 0.00	26.82 1.78 0.00	24.11 1.59 0.00	31.57 2.01 0.00	33.69 2.03 0.00	38.24 2.22 0.00	65.76 3.49 0.00	53.45 3.13 0.00	45.60 2.57 0.00	32.58 1.82 0.00	35.04 1.82 0.00	36.90 1.79 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.49 1.68 0.00	33.19 1.58 0.00	28.73 1.49 0.00	29.59 1.45 0.00	32.28 1.54 0.00	35.46 1.56 0.00	41.13 1.75 0.00	43.77 2.07 0.00	43.26 2.27 0.00	35.03 2.21 0.00	32.43 2.14 0.00	34.95 2.24 0.00	33.46 2.12 0.00	26.83 1.79 0.00	24.12 1.61 0.00	31.58 2.03 0.00	33.70 2.04 0.00	38.25 2.23 0.00	65.80 3.54 0.00	53.48 3.16 0.00	45.64 2.61 0.00	32.60 1.84 0.00	35.06 1.84 0.00	36.92 1.81 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.46 1.65 0.00	33.16 1.55 0.00	28.71 1.48 0.00	29.57 1.43 0.00	32.26 1.52 0.00	35.44 1.53 0.00	41.10 1.72 0.00	43.74 2.04 0.00	43.23 2.24 0.00	35.00 2.19 0.00	32.41 2.11 0.00	34.92 2.21 0.00	33.44 2.10 0.00	26.81 1.77 0.00	24.10 1.58 0.00	31.56 2.00 0.00	33.67 2.01 0.00	38.21 2.19 0.00	65.74 3.48 0.00	53.43 3.10 0.00	45.60 2.56 0.00	32.57 1.81 0.00	35.02 1.80 0.00	36.89 1.78 0.00
FARRAGUT___LBMP 323566	36.44 1.62 0.00	33.14 1.53 0.00	28.68 1.45 0.00	29.55 1.41 0.00	32.24 1.50 0.00	35.42 1.52 0.00	41.08 1.70 0.00	43.71 2.01 0.00	43.20 2.21 0.00	34.98 2.16 0.00	32.38 2.09 0.00	34.90 2.19 0.00	33.42 2.07 0.00	26.79 1.75 0.00	24.09 1.57 0.00	31.54 1.98 0.00	33.65 1.99 0.00	38.18 2.17 0.00	65.69 3.42 0.00	53.40 3.07 0.00	45.56 2.52 0.00	32.55 1.78 0.00	35.00 1.78 0.00	36.86 1.75 0.00
FENNER___WINDPWR 24204	45.49 -0.21 -10.88	31.44 -0.16 0.00	27.09 -0.14 0.00	28.00 -0.13 0.00	30.58 -0.16 0.00	33.77 -0.13 0.00	39.26 -0.12 0.00	44.82 -0.11 -3.22	50.59 -0.23 -9.83	32.78 -0.41 -0.37	29.80 -0.50 0.00	32.19 -0.53 0.00	30.85 -0.50 0.00	24.69 -0.35 0.00	22.18 -0.34 0.00	29.14 -0.41 0.00	31.36 -0.31 0.00	35.79 -0.23 0.00	61.96 -0.31 0.00	50.26 -0.06 0.00	42.96 -0.07 0.00	30.70 -0.07 0.00	33.11 -0.11 0.00	34.95 -0.16 0.00
FIBERTEK___ENERGY 23856	33.97 -0.84 0.00	30.89 -0.72 0.00	26.59 -0.64 0.00	27.53 -0.61 0.00	30.04 -0.69 0.00	33.14 -0.76 0.00	38.53 -0.85 0.00	40.78 -0.92 0.00	40.03 -0.96 0.00	31.90 -0.92 0.00	29.41 -0.88 0.00	31.83 -0.89 0.00	30.55 -0.80 0.00	24.41 -0.63 0.00	21.96 -0.56 0.00	28.82 -0.74 0.00	30.92 -0.75 0.00	35.10 -0.92 0.00	60.74 -1.53 0.00	49.19 -1.13 0.00	42.07 -0.96 0.00	30.06 -0.70 0.00	32.49 -0.73 0.00	34.34 -0.77 0.00
FITZPATRICK____ 23598	33.41 -1.40 0.00	30.37 -1.24 0.00	26.15 -1.08 0.00	27.05 -1.09 0.00	29.53 -1.21 0.00	32.58 -1.33 0.00	37.85 -1.53 0.00	40.04 -1.66 0.00	39.32 -1.67 0.00	31.40 -1.41 0.00	28.99 -1.30 0.00	31.35 -1.37 0.00	30.07 -1.28 0.00	24.04 -1.00 0.00	21.61 -0.91 0.00	28.34 -1.22 0.00	30.33 -1.33 0.00	34.42 -1.59 0.00	59.53 -2.74 0.00	48.19 -2.13 0.00	41.21 -1.82 0.00	29.46 -1.30 0.00	31.84 -1.38 0.00	33.71 -1.40 0.00
FLOWRFLD_69_KV_BK1 356044	36.70 1.89 0.00	33.34 1.73 0.00	29.06 1.83 0.00	29.90 1.77 0.00	32.73 2.00 0.00	35.92 2.02 0.00	41.75 2.37 0.00	44.45 2.74 0.00	43.98 2.98 0.00	35.23 2.42 0.00	32.80 2.51 0.00	35.42 2.70 0.00	33.75 2.41 0.00	27.19 2.15 0.00	24.47 1.95 0.00	32.03 2.47 0.00	34.02 2.36 0.00	38.66 2.64 0.00	66.96 4.69 0.00	53.99 3.66 0.00	46.33 3.30 0.00	33.06 2.30 0.00	35.63 2.40 0.00	37.32 2.21 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.42 1.61 0.00	33.10 1.49 0.00	28.63 1.39 0.00	29.52 1.39 0.00	32.22 1.48 0.00	35.46 1.55 0.00	41.17 1.79 0.00	43.77 2.07 0.00	43.19 2.20 0.00	34.86 2.04 0.00	32.25 1.96 0.00	34.80 2.08 0.00	33.34 1.99 0.00	26.66 1.62 0.00	23.95 1.43 0.00	31.40 1.84 0.00	33.57 1.91 0.00	38.18 2.16 0.00	65.85 3.58 0.00	53.44 3.11 0.00	45.61 2.58 0.00	32.57 1.81 0.00	35.03 1.81 0.00	36.87 1.76 0.00
FORT ORANGE____ 23900	36.10 1.29 0.00	32.79 1.18 0.00	28.31 1.08 0.00	29.28 1.14 0.00	31.96 1.23 0.00	35.20 1.30 0.00	40.83 1.45 0.00	43.39 1.69 0.00	42.70 1.71 0.00	34.25 1.43 0.00	31.57 1.27 0.00	33.99 1.28 0.00	32.44 1.09 0.00	25.83 0.79 0.00	23.22 0.70 0.00	30.57 1.01 0.00	32.87 1.21 0.00	37.48 1.46 0.00	64.82 2.56 0.00	52.46 2.14 0.00	44.86 1.83 0.00	32.09 1.33 0.00	34.55 1.33 0.00	36.52 1.42 0.00
FORT_DRUM_COGEN 23780	33.64 -1.17 0.00	30.43 -1.18 0.00	26.13 -1.10 0.00	27.06 -1.08 0.00	29.68 -1.06 0.00	32.99 -0.92 0.00	38.32 -1.06 0.00	40.56 -1.14 0.00	39.38 -1.61 0.00	30.81 -2.00 0.00	27.91 -2.39 0.00	29.98 -2.73 0.00	28.74 -2.61 0.00	23.19 -2.00 -0.15	20.62 -1.90 0.00	27.42 -2.14 0.00	29.75 -1.92 0.00	34.53 -1.49 0.00	59.93 -2.34 0.00	49.26 -1.52 -0.46	43.41 -1.36 -1.74	31.48 -1.07 -1.78	33.85 -1.24 -1.87	35.80 -1.25 -1.94
FOX_HILLS___ESR 323835	54.96 1.90 -18.24	52.98 1.83 -19.54	52.36 1.72 -23.41	52.36 1.68 -22.54	52.37 1.78 -19.86	52.38 1.78 -16.69	52.81 2.00 -11.43	53.15 2.33 -9.12	54.07 2.49 -10.59	54.32 2.40 -19.10	54.54 2.30 -21.95	51.12 2.40 -16.01	50.33 2.29 -16.69	50.21 1.95 -23.22	50.18 1.75 -25.91	50.67 2.18 -18.93	51.08 2.20 -17.21	51.08 2.36 -12.70	68.82 3.71 -2.84	54.37 3.38 -0.66	55.33 2.81 -9.48	51.10 2.03 -18.31	50.30 2.05 -15.04	50.22 2.06 -13.05
FPL FAR_ROCK_GT1 24212	36.92 2.10 0.00	33.54 1.93 0.00	29.09 1.86 0.00	29.97 1.83 0.00	32.72 1.98 0.00	35.97 2.06 0.00	41.76 2.38 0.00	44.46 2.75 0.00	43.99 3.00 0.00	35.47 2.65 0.00	32.97 2.67 -0.01	35.57 2.85 -0.01	33.98 2.63 0.00	27.29 2.25 -0.01	24.55 2.03 -0.01	32.12 2.57 0.00	34.22 2.55 0.00	38.81 2.80 0.00	66.98 4.71 0.00	54.22 3.90 0.00	46.41 3.37 0.00	33.12 2.36 0.00	35.67 2.45 0.00	37.43 2.32 0.00

FPL FAR_ROCK_GT2 23815	36.92 2.10 0.00	33.54 1.93 0.00	29.09 1.86 0.00	29.97 1.83 0.00	32.72 1.98 0.00	35.97 2.06 0.00	41.76 2.38 0.00	44.46 2.75 0.00	43.99 3.00 0.00	35.47 2.65 0.00	32.97 2.67 -0.01	35.57 2.85 -0.01	33.98 2.63 0.00	27.29 2.25 -0.01	24.55 2.03 -0.01	32.12 2.57 0.00	34.22 2.55 0.00	38.81 2.80 0.00	66.98 4.71 0.00	54.22 3.90 0.00	46.41 3.37 0.00	33.12 2.36 0.00	35.67 2.45 0.00	37.43 2.32 0.00
FRANKLIN_FALL_HYD 24054	35.22 0.41 0.00	31.77 0.16 0.00	27.17 -0.06 0.00	28.00 -0.14 0.00	30.75 0.02 0.00	34.20 0.29 0.00	39.88 0.50 0.00	41.81 0.11 0.00	41.00 0.01 0.00	32.86 0.05 0.00	30.27 -0.02 0.00	32.50 -0.21 0.00	31.03 -0.32 0.00	27.08 -0.42 -2.46	22.23 -0.29 0.00	29.23 -0.33 0.00	31.49 -0.17 0.00	36.20 0.18 0.00	62.86 0.60 0.00	56.94 -0.49 -7.11	69.47 -0.47 -26.91	58.06 -0.36 -27.66	61.80 -0.33 -28.90	64.79 -0.34 -30.01
FREEPORT_EQUS_GT1 23764	36.65 1.84 0.00	33.29 1.68 0.00	28.89 1.65 0.00	29.74 1.61 0.00	32.48 1.74 0.00	35.70 1.79 0.00	41.45 2.07 0.00	44.12 2.42 0.00	43.67 2.69 0.00	35.19 2.37 0.00	32.72 2.42 0.00	35.31 2.60 0.00	33.72 2.37 0.00	27.10 2.06 0.00	24.39 1.86 0.00	31.91 2.35 0.00	33.99 2.33 0.00	38.56 2.54 0.00	66.54 4.28 0.00	53.83 3.51 0.00	46.07 3.04 0.00	32.88 2.12 0.00	35.42 2.20 0.00	37.19 2.07 0.00
FREEPORT___CT2 23818	36.65 1.84 0.00	33.29 1.68 0.00	28.89 1.65 0.00	29.74 1.61 0.00	32.48 1.74 0.00	35.70 1.79 0.00	41.45 2.07 0.00	44.12 2.42 0.00	43.67 2.69 0.00	35.19 2.37 0.00	32.72 2.42 0.00	35.31 2.60 0.00	33.72 2.37 0.00	27.10 2.06 0.00	24.39 1.86 0.00	31.91 2.35 0.00	33.99 2.33 0.00	38.56 2.54 0.00	66.54 4.28 0.00	53.83 3.51 0.00	46.07 3.04 0.00	32.88 2.12 0.00	35.42 2.20 0.00	37.19 2.07 0.00
FRESHKLS_33_KV_LOAD 356253	54.94 1.88 -18.24	52.96 1.81 -19.54	52.35 1.72 -23.41	52.35 1.67 -22.54	52.36 1.76 -19.86	52.37 1.77 -16.69	52.80 1.99 -11.43	53.12 2.31 -9.12	54.02 2.44 -10.59	54.27 2.35 -19.10	54.49 2.25 -21.95	51.09 2.36 -16.01	50.28 2.25 -16.69	50.18 1.92 -23.22	50.16 1.73 -25.91	50.63 2.14 -18.93	51.03 2.15 -17.21	51.03 2.31 -12.70	68.71 3.61 -2.84	54.32 3.33 -0.66	55.28 2.76 -9.48	51.08 2.00 -18.31	50.28 2.02 -15.04	50.20 2.03 -13.05
FULTON COGEN____ 23766	33.54 -1.27 0.00	30.49 -1.11 0.00	26.27 -0.97 0.00	27.16 -0.98 0.00	29.66 -1.08 0.00	32.72 -1.18 0.00	38.02 -1.36 0.00	40.24 -1.47 0.00	39.49 -1.51 0.00	31.46 -1.35 0.00	29.01 -1.28 0.00	31.37 -1.34 0.00	30.10 -1.25 0.00	24.06 -0.98 0.00	21.64 -0.87 0.00	28.44 -1.12 0.00	30.47 -1.19 0.00	34.59 -1.43 0.00	59.84 -2.43 0.00	48.48 -1.84 0.00	41.44 -1.59 0.00	29.62 -1.15 0.00	32.01 -1.21 0.00	33.85 -1.27 0.00
FULTON___LFGE 323630	36.21 1.39 0.00	32.87 1.26 0.00	28.29 1.06 0.00	29.17 1.04 0.00	31.89 1.15 0.00	35.23 1.32 0.00	40.96 1.58 0.00	43.39 1.69 0.00	42.09 1.10 0.00	33.21 0.40 0.00	30.47 0.18 0.00	32.79 0.08 0.00	31.33 -0.01 0.00	25.04 0.00 0.00	22.71 0.19 0.00	29.93 0.37 0.00	31.99 0.33 0.00	36.73 0.71 0.00	64.38 2.12 0.00	52.53 2.21 0.00	44.92 1.88 0.00	32.06 1.30 0.00	34.55 1.33 0.00	36.47 1.36 0.00
G.F.CEMENT___DRP 24184	37.07 2.26 0.00	33.65 2.04 0.00	29.03 1.80 0.00	30.04 1.90 0.00	32.85 2.11 0.00	36.29 2.39 0.00	42.03 2.65 0.00	44.61 2.91 0.00	43.77 2.77 0.00	34.95 2.13 0.00	31.97 1.68 0.00	34.31 1.59 0.00	32.64 1.29 0.00	25.99 0.95 0.00	23.47 0.96 0.00	31.10 1.54 0.00	33.56 1.90 0.00	38.52 2.49 0.00	66.58 4.31 0.00	53.72 3.40 0.00	45.80 2.77 0.00	32.81 2.05 0.00	35.34 2.12 0.00	37.39 2.28 0.00
GARDENVILLE___LBMP 24039	14.76 -3.04 17.02	24.08 -2.83 4.71	19.93 -2.59 4.71	20.52 -2.63 4.99	22.46 -2.99 5.30	24.99 -3.27 5.65	29.31 -3.75 6.32	26.99 -4.40 10.30	19.67 -4.18 17.14	23.13 -3.73 5.96	21.78 -3.32 5.19	24.04 -3.22 5.45	23.89 -2.81 4.65	18.36 -2.15 4.53	16.47 -1.96 4.09	22.31 -2.60 4.65	23.23 -3.03 5.40	26.90 -3.46 5.66	48.15 -5.85 8.26	37.95 -4.82 7.55	32.34 -4.04 6.65	22.51 -3.00 5.25	25.47 -2.63 5.12	26.54 -3.01 5.56
GARDNVLA_35_KV_LD 355827	14.70 -2.83 17.28	24.62 -2.63 4.36	20.44 -2.43 4.36	21.05 -2.46 4.62	23.02 -2.82 4.90	25.59 -3.08 5.23	29.99 -3.54 5.86	27.54 -4.17 9.99	19.79 -3.95 17.25	23.70 -3.54 5.57	22.34 -3.15 4.81	24.64 -3.03 5.04	24.43 -2.61 4.31	18.86 -1.99 4.19	16.92 -1.81 3.79	22.83 -2.42 4.31	23.83 -2.83 5.00	27.55 -3.23 5.24	49.17 -5.45 7.65	38.79 -4.54 6.99	33.10 -3.77 6.15	23.07 -2.83 4.86	26.04 -2.44 4.74	27.16 -2.80 5.15
GELCKHM___115KV_LOAD 80723	33.76 -1.06 0.00	30.69 -0.92 0.00	26.43 -0.80 0.00	27.33 -0.80 0.00	29.84 -0.90 0.00	32.92 -0.98 0.00	38.26 -1.13 0.00	40.49 -1.21 0.00	39.74 -1.25 0.00	31.69 -1.13 0.00	29.23 -1.07 0.00	31.63 -1.09 0.00	30.35 -0.99 0.00	24.27 -0.78 0.00	21.82 -0.69 0.00	28.63 -0.93 0.00	30.68 -0.98 0.00	34.83 -1.18 0.00	60.28 -1.99 0.00	48.81 -1.51 0.00	41.74 -1.29 0.00	29.83 -0.93 0.00	32.25 -0.97 0.00	34.09 -1.02 0.00
GENERAL___MILLS 23808	14.71 -2.91 17.19	24.42 -2.72 4.48	20.25 -2.50 4.48	20.85 -2.53 4.75	22.82 -2.89 5.04	25.37 -3.16 5.38	29.74 -3.63 6.01	27.33 -4.27 10.10	19.74 -4.04 17.21	23.48 -3.63 5.70	22.12 -3.23 4.94	24.42 -3.12 5.18	24.22 -2.71 4.42	18.67 -2.06 4.31	16.74 -1.88 3.89	22.63 -2.51 4.42	23.59 -2.93 5.14	27.29 -3.34 5.38	48.77 -5.64 7.86	38.46 -4.68 7.18	32.81 -3.90 6.32	22.86 -2.91 5.00	25.82 -2.53 4.87	26.93 -2.89 5.29
GE_PLASTICS___DRP 24183	35.81 1.00 0.00	32.53 0.92 0.00	28.09 0.86 0.00	29.04 0.90 0.00	31.70 0.97 0.00	34.92 1.01 0.00	40.49 1.11 0.00	43.00 1.30 0.00	42.31 1.32 0.00	33.96 1.14 0.00	31.33 1.04 0.00	33.77 1.06 0.00	32.28 0.93 0.00	25.75 0.71 0.00	23.15 0.63 0.00	30.44 0.88 0.00	32.66 1.00 0.00	37.20 1.18 0.00	64.24 1.97 0.00	51.98 1.66 0.00	44.45 1.42 0.00	31.80 1.04 0.00	34.25 1.04 0.00	36.21 1.09 0.00
GILBOA___1 23756	35.47 0.66 0.00	32.23 0.62 0.00	27.83 0.60 0.00	28.75 0.61 0.00	31.40 0.65 0.00	34.57 0.66 0.00	40.12 0.74 0.00	42.57 0.87 0.00	41.91 0.92 0.00	33.65 0.83 0.00	31.07 0.77 0.00	33.54 0.83 0.00	32.21 0.86 0.00	25.72 0.69 0.00	23.13 0.61 0.00	30.27 0.71 0.00	32.42 0.76 0.00	36.88 0.86 0.00	63.64 1.37 0.00	51.49 1.17 0.00	44.09 1.06 0.00	31.52 0.76 0.00	33.97 0.75 0.00	35.86 0.75 0.00
GILBOA___2 23757	35.47 0.66 0.00	32.23 0.62 0.00	27.83 0.60 0.00	28.75 0.61 0.00	31.40 0.65 0.00	34.57 0.66 0.00	40.12 0.74 0.00	42.57 0.87 0.00	41.91 0.92 0.00	33.65 0.83 0.00	31.07 0.77 0.00	33.54 0.83 0.00	32.21 0.86 0.00	25.72 0.69 0.00	23.13 0.61 0.00	30.27 0.71 0.00	32.42 0.76 0.00	36.88 0.86 0.00	63.64 1.37 0.00	51.49 1.17 0.00	44.09 1.06 0.00	31.52 0.76 0.00	33.97 0.75 0.00	35.86 0.75 0.00

GILBOA___3 23758	35.47 0.66 0.00	32.23 0.62 0.00	27.83 0.60 0.00	28.75 0.61 0.00	31.40 0.65 0.00	34.57 0.66 0.00	40.12 0.74 0.00	42.57 0.87 0.00	41.91 0.92 0.00	33.65 0.83 0.00	31.07 0.77 0.00	33.54 0.83 0.00	32.21 0.86 0.00	25.72 0.69 0.00	23.13 0.61 0.00	30.27 0.71 0.00	32.42 0.76 0.00	36.88 0.86 0.00	63.64 1.37 0.00	51.49 1.17 0.00	44.09 1.06 0.00	31.52 0.76 0.00	33.97 0.75 0.00	35.86 0.75 0.00
GILBOA___4 23759	35.47 0.66 0.00	32.23 0.62 0.00	27.83 0.60 0.00	28.75 0.61 0.00	31.40 0.65 0.00	34.57 0.66 0.00	40.12 0.74 0.00	42.57 0.87 0.00	41.91 0.92 0.00	33.65 0.83 0.00	31.07 0.77 0.00	33.54 0.83 0.00	32.21 0.86 0.00	25.72 0.69 0.00	23.13 0.61 0.00	30.27 0.71 0.00	32.42 0.76 0.00	36.88 0.86 0.00	63.64 1.37 0.00	51.49 1.17 0.00	44.09 1.06 0.00	31.52 0.76 0.00	33.97 0.75 0.00	35.86 0.75 0.00
GILBOA___ 23599	35.47 0.66 0.00	32.24 0.63 0.00	27.83 0.60 0.00	28.75 0.61 0.00	31.40 0.65 0.00	34.58 0.67 0.00	40.13 0.75 0.00	42.58 0.87 0.00	41.90 0.91 0.00	33.64 0.83 0.00	31.07 0.78 0.00	33.54 0.83 0.00	32.22 0.87 0.00	25.73 0.69 0.00	23.13 0.61 0.00	30.28 0.72 0.00	32.43 0.77 0.00	36.89 0.87 0.00	63.64 1.37 0.00	51.50 1.18 0.00	44.09 1.06 0.00	31.53 0.76 0.00	33.97 0.75 0.00	35.87 0.75 0.00
GINNA___ 23603	23.36 -3.36 8.09	28.61 -3.00 0.00	24.56 -2.67 0.00	25.44 -2.70 0.00	27.74 -3.00 0.00	30.63 -3.27 0.00	35.64 -3.74 0.00	35.17 -4.13 2.40	29.51 -4.16 7.31	29.00 -3.54 0.28	27.11 -3.18 0.00	29.42 -3.29 0.00	28.34 -3.01 0.00	22.73 -2.31 0.00	20.46 -2.06 0.00	26.85 -2.71 0.00	28.61 -3.05 0.00	32.53 -3.49 0.00	56.31 -5.95 0.00	45.58 -4.74 0.00	39.00 -4.04 0.00	27.78 -2.98 0.00	30.22 -3.00 0.00	31.88 -3.23 0.00
GLEN PARK___ 23778	33.76 -1.05 0.00	30.54 -1.07 0.00	26.22 -1.01 0.00	27.16 -0.98 0.00	29.80 -0.94 0.00	33.11 -0.80 0.00	38.48 -0.90 0.00	40.72 -0.97 0.00	39.52 -1.48 0.00	30.85 -1.96 0.00	27.91 -2.38 0.00	29.99 -2.72 0.00	28.73 -2.61 0.00	23.20 -1.99 -0.14	20.61 -1.91 0.00	27.45 -2.10 0.00	29.81 -1.85 0.00	34.65 -1.37 0.00	60.17 -2.10 0.00	49.48 -1.28 -0.43	43.53 -1.15 -1.65	31.54 -0.92 -1.70	33.89 -1.10 -1.77	35.82 -1.13 -1.84
GLENDALE_27_KV_LOAD 356172	36.68 1.87 0.00	33.37 1.76 0.00	28.88 1.65 0.00	29.74 1.61 0.00	32.44 1.71 0.00	35.59 1.69 0.00	41.28 1.90 0.00	43.95 2.25 0.00	43.44 2.45 0.00	35.20 2.38 0.00	32.59 2.30 0.00	35.11 2.40 0.00	33.63 2.28 0.00	26.97 1.93 0.00	24.25 1.73 0.00	31.73 2.17 0.00	33.85 2.19 0.00	38.37 2.35 0.00	66.04 3.77 0.00	53.69 3.36 0.00	45.81 2.78 0.00	32.75 1.99 0.00	35.23 2.01 0.00	37.11 2.00 0.00
GLENWOOD_IC_1_G5 23712	36.64 1.82 0.00	33.29 1.68 0.00	28.87 1.64 0.00	29.74 1.60 0.00	32.48 1.74 0.00	35.68 1.77 0.00	41.44 2.06 0.00	44.09 2.39 0.00	43.61 2.62 0.00	35.17 2.36 0.00	32.70 2.40 0.00	35.28 2.57 0.00	33.71 2.36 0.00	27.07 2.03 0.00	24.35 1.83 0.00	31.87 2.32 0.00	33.96 2.30 0.00	38.54 2.52 0.00	66.45 4.19 0.00	53.79 3.47 0.00	46.01 2.98 0.00	32.85 2.08 0.00	35.38 2.16 0.00	37.15 2.04 0.00
GLENWOOD_IC_2_G1 23688	36.58 1.76 0.00	33.22 1.62 0.00	28.82 1.58 0.00	29.68 1.54 0.00	32.40 1.67 0.00	35.61 1.70 0.00	41.35 1.97 0.00	43.98 2.28 0.00	43.51 2.52 0.00	35.09 2.27 0.00	32.61 2.31 0.00	35.19 2.48 0.00	33.62 2.27 0.00	27.00 1.96 0.00	24.29 1.77 0.00	31.79 2.23 0.00	33.87 2.21 0.00	38.44 2.43 0.00	66.29 4.03 0.00	53.66 3.33 0.00	45.89 2.86 0.00	32.78 2.01 0.00	35.29 2.07 0.00	37.06 1.95 0.00
GLENWOOD_IC_3_G1 23689	36.58 1.76 0.00	33.22 1.62 0.00	28.82 1.58 0.00	29.68 1.54 0.00	32.40 1.67 0.00	35.61 1.70 0.00	41.35 1.97 0.00	43.98 2.28 0.00	43.51 2.52 0.00	35.09 2.27 0.00	32.61 2.31 0.00	35.19 2.48 0.00	33.62 2.27 0.00	27.00 1.96 0.00	24.29 1.77 0.00	31.79 2.23 0.00	33.87 2.21 0.00	38.44 2.43 0.00	66.29 4.03 0.00	53.66 3.33 0.00	45.89 2.86 0.00	32.78 2.01 0.00	35.29 2.07 0.00	37.06 1.95 0.00
GLENWOOD___4 23550	36.64 1.82 0.00	33.29 1.68 0.00	28.87 1.64 0.00	29.74 1.60 0.00	32.48 1.74 0.00	35.68 1.77 0.00	41.44 2.06 0.00	44.09 2.39 0.00	43.61 2.62 0.00	35.17 2.36 0.00	32.70 2.40 0.00	35.28 2.57 0.00	33.71 2.36 0.00	27.07 2.03 0.00	24.35 1.83 0.00	31.87 2.32 0.00	33.96 2.30 0.00	38.54 2.52 0.00	66.45 4.19 0.00	53.79 3.47 0.00	46.01 2.98 0.00	32.85 2.08 0.00	35.38 2.16 0.00	37.15 2.04 0.00
GLENWOOD___5 23614	36.64 1.82 0.00	33.29 1.68 0.00	28.87 1.64 0.00	29.74 1.60 0.00	32.48 1.74 0.00	35.68 1.77 0.00	41.44 2.06 0.00	44.09 2.39 0.00	43.61 2.62 0.00	35.17 2.36 0.00	32.70 2.40 0.00	35.28 2.57 0.00	33.71 2.36 0.00	27.07 2.03 0.00	24.35 1.83 0.00	31.87 2.32 0.00	33.96 2.30 0.00	38.54 2.52 0.00	66.45 4.19 0.00	53.79 3.47 0.00	46.01 2.98 0.00	32.85 2.08 0.00	35.38 2.16 0.00	37.15 2.04 0.00
GLOBAL GREEN_PORT_GT1 23814	37.36 2.54 0.00	33.88 2.27 0.00	29.72 2.49 0.00	30.61 2.48 0.00	33.66 2.93 0.00	37.01 3.10 0.00	43.02 3.64 0.00	45.88 4.18 0.00	45.43 4.44 0.00	35.96 3.15 0.00	33.37 3.08 0.00	36.06 3.35 0.00	34.25 2.90 0.00	27.67 2.63 0.00	24.83 2.31 0.00	32.70 3.14 0.00	34.48 2.81 0.00	39.36 3.34 0.00	68.88 6.61 0.00	54.75 4.43 0.00	47.06 4.02 0.00	33.12 2.35 0.00	35.25 2.03 0.00	36.73 1.62 0.00
GLOBE___DSASP 323697	14.61 -3.91 16.30	22.13 -3.71 5.77	18.13 -3.33 5.77	18.61 -3.40 6.13	20.36 -3.89 6.49	22.87 -4.10 6.94	26.93 -4.68 7.77	24.93 -5.49 11.29	18.85 -5.25 16.88	21.05 -4.61 7.16	19.79 -4.13 6.38	21.94 -4.08 6.69	22.01 -3.63 5.71	16.70 -2.78 5.56	15.02 -2.47 5.03	20.54 -3.30 5.71	21.19 -3.83 6.63	24.72 -4.34 6.95	44.71 -7.41 10.15	34.87 -6.18 9.27	29.68 -5.19 8.16	20.48 -3.83 6.45	23.47 -3.47 6.28	24.48 -3.80 6.83
GOETHSLN___LBMP 323567	36.30 1.48 0.00	33.00 1.39 0.00	28.59 1.36 0.00	29.44 1.30 0.00	32.11 1.37 0.00	35.28 1.37 0.00	40.92 1.54 0.00	43.55 1.85 0.00	43.02 2.03 0.00	34.85 2.03 0.00	32.24 1.95 0.00	34.75 2.03 0.00	33.29 1.94 0.00	26.69 1.65 0.00	24.00 1.48 0.00	31.39 1.84 0.00	33.51 1.85 0.00	38.03 2.01 0.00	65.42 3.15 0.00	53.16 2.84 0.00	45.36 2.32 0.00	32.39 1.63 0.00	34.83 1.61 0.00	36.68 1.57 0.00
GOLAH___69_KV_TB 1_2 80279	22.78 -2.13 9.91	28.41 -1.94 1.27	24.18 -1.79 1.27	24.99 -1.80 1.34	27.27 -2.04 1.43	30.18 -2.21 1.52	35.18 -2.50 1.70	34.42 -2.93 4.35	28.68 -2.88 9.43	28.35 -2.68 1.79	26.54 -2.36 1.40	28.90 -2.35 1.47	28.05 -2.04 1.25	22.36 -1.47 1.22	20.10 -1.32 1.10	26.51 -1.80 1.25	28.08 -2.13 1.45	32.02 -2.48 1.52	56.12 -3.92 2.22	45.16 -3.13 2.03	38.61 -2.63 1.79	27.35 -2.00 1.41	30.07 -1.78 1.38	31.59 -2.02 1.50

GOODYEAR_LAKE_HYD 323669	35.37 0.55 0.00	32.14 0.53 0.00	27.70 0.47 0.00	28.60 0.46 0.00	31.24 0.50 0.00	34.46 0.55 0.00	40.07 0.69 0.00	42.45 0.75 0.00	41.64 0.65 0.00	33.27 0.45 0.00	30.71 0.41 0.00	33.17 0.46 0.00	31.92 0.57 0.00	25.54 0.50 0.00	23.00 0.48 0.00	30.16 0.61 0.00	32.26 0.59 0.00	36.68 0.66 0.00	63.42 1.16 0.00	51.47 1.15 0.00	44.02 0.99 0.00	31.41 0.64 0.00	33.87 0.64 0.00	35.71 0.60 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	25.81 -1.02 7.98	30.78 -0.83 0.00	26.53 -0.70 0.00	27.47 -0.66 0.00	29.99 -0.74 0.00	33.07 -0.84 0.00	38.40 -0.98 0.00	38.22 -1.12 2.37	32.61 -1.16 7.21	31.56 -0.98 0.27	29.37 -0.92 0.00	31.86 -0.85 0.00	30.61 -0.74 0.00	24.48 -0.56 0.00	22.02 -0.50 0.00	28.85 -0.71 0.00	30.94 -0.73 0.00	35.09 -0.93 0.00	60.70 -1.56 0.00	49.23 -1.10 0.00	42.13 -0.90 0.00	30.06 -0.71 0.00	32.55 -0.67 0.00	34.29 -0.82 0.00
GOUDEY___7 23579	25.81 -1.02 7.98	30.78 -0.83 0.00	26.53 -0.70 0.00	27.47 -0.66 0.00	29.99 -0.74 0.00	33.07 -0.84 0.00	38.40 -0.98 0.00	38.22 -1.12 2.37	32.61 -1.16 7.21	31.56 -0.98 0.27	29.37 -0.92 0.00	31.86 -0.85 0.00	30.61 -0.74 0.00	24.48 -0.56 0.00	22.02 -0.50 0.00	28.85 -0.71 0.00	30.94 -0.73 0.00	35.09 -0.93 0.00	60.70 -1.56 0.00	49.23 -1.10 0.00	42.13 -0.90 0.00	30.06 -0.71 0.00	32.55 -0.67 0.00	34.29 -0.82 0.00
GOUDEY___8 23580	25.81 -1.02 7.98	30.78 -0.83 0.00	26.53 -0.70 0.00	27.47 -0.66 0.00	29.99 -0.74 0.00	33.07 -0.84 0.00	38.40 -0.98 0.00	38.22 -1.12 2.37	32.61 -1.16 7.21	31.56 -0.98 0.27	29.37 -0.92 0.00	31.86 -0.85 0.00	30.61 -0.74 0.00	24.48 -0.56 0.00	22.02 -0.50 0.00	28.85 -0.71 0.00	30.94 -0.73 0.00	35.09 -0.93 0.00	60.70 -1.56 0.00	49.23 -1.10 0.00	42.13 -0.90 0.00	30.06 -0.71 0.00	32.55 -0.67 0.00	34.29 -0.82 0.00
GOWANUS_GT1_1 24077	55.03 1.98 -18.24	53.02 1.88 -19.54	52.40 1.77 -23.41	52.40 1.72 -22.54	52.42 1.82 -19.86	52.42 1.82 -16.69	52.87 2.06 -11.43	53.23 2.41 -9.12	54.17 2.59 -10.59	54.41 2.49 -19.10	54.62 2.38 -21.95	51.20 2.48 -16.01	50.40 2.36 -16.69	50.26 2.01 -23.22	50.23 1.80 -25.91	50.75 2.26 -18.93	51.15 2.28 -17.21	51.18 2.46 -12.70	69.01 3.91 -2.84	54.49 3.51 -0.66	55.42 2.91 -9.48	51.16 2.09 -18.31	50.37 2.11 -15.04	50.29 2.12 -13.05
GOWANUS_GT1_2 24078	55.03 1.98 -18.24	53.02 1.88 -19.54	52.40 1.77 -23.41	52.40 1.72 -22.54	52.42 1.82 -19.86	52.42 1.82 -16.69	52.87 2.06 -11.43	53.23 2.41 -9.12	54.17 2.59 -10.59	54.41 2.49 -19.10	54.62 2.38 -21.95	51.20 2.48 -16.01	50.40 2.36 -16.69	50.26 2.01 -23.22	50.23 1.80 -25.91	50.75 2.26 -18.93	51.15 2.28 -17.21	51.18 2.46 -12.70	69.01 3.91 -2.84	54.49 3.51 -0.66	55.42 2.91 -9.48	51.16 2.09 -18.31	50.37 2.11 -15.04	50.29 2.12 -13.05
GOWANUS_GT1_3 24079	55.03 1.98 -18.24	53.02 1.88 -19.54	52.40 1.77 -23.41	52.40 1.72 -22.54	52.42 1.82 -19.86	52.42 1.82 -16.69	52.87 2.06 -11.43	53.23 2.41 -9.12	54.17 2.59 -10.59	54.41 2.49 -19.10	54.62 2.38 -21.95	51.20 2.48 -16.01	50.40 2.36 -16.69	50.26 2.01 -23.22	50.23 1.80 -25.91	50.75 2.26 -18.93	51.15 2.28 -17.21	51.18 2.46 -12.70	69.01 3.91 -2.84	54.49 3.51 -0.66	55.42 2.91 -9.48	51.16 2.09 -18.31	50.37 2.11 -15.04	50.29 2.12 -13.05
GOWANUS_GT1_4 24080	55.03 1.98 -18.24	53.02 1.88 -19.54	52.40 1.77 -23.41	52.40 1.72 -22.54	52.42 1.82 -19.86	52.42 1.82 -16.69	52.87 2.06 -11.43	53.23 2.41 -9.12	54.17 2.59 -10.59	54.41 2.49 -19.10	54.62 2.38 -21.95	51.20 2.48 -16.01	50.40 2.36 -16.69	50.26 2.01 -23.22	50.23 1.80 -25.91	50.75 2.26 -18.93	51.15 2.28 -17.21	51.18 2.46 -12.70	69.01 3.91 -2.84	54.49 3.51 -0.66	55.42 2.91 -9.48	51.16 2.09 -18.31	50.37 2.11 -15.04	50.29 2.12 -13.05
GOWANUS_GT1_5 24084	55.03 1.98 -18.24	53.02 1.88 -19.54	52.40 1.77 -23.41	52.40 1.72 -22.54	52.42 1.82 -19.86	52.42 1.82 -16.69	52.87 2.06 -11.43	53.23 2.41 -9.12	54.17 2.59 -10.59	54.41 2.49 -19.10	54.62 2.38 -21.95	51.20 2.48 -16.01	50.40 2.36 -16.69	50.26 2.01 -23.22	50.23 1.80 -25.91	50.75 2.26 -18.93	51.15 2.28 -17.21	51.18 2.46 -12.70	69.01 3.91 -2.84	54.49 3.51 -0.66	55.42 2.91 -9.48	51.16 2.09 -18.31	50.37 2.11 -15.04	50.29 2.12 -13.05
GOWANUS_GT1_6 24111	55.03 1.98 -18.24	53.02 1.88 -19.54	52.40 1.77 -23.41	52.40 1.72 -22.54	52.42 1.82 -19.86	52.42 1.82 -16.69	52.87 2.06 -11.43	53.23 2.41 -9.12	54.17 2.59 -10.59	54.41 2.49 -19.10	54.62 2.38 -21.95	51.20 2.48 -16.01	50.40 2.36 -16.69	50.26 2.01 -23.22	50.23 1.80 -25.91	50.75 2.26 -18.93	51.15 2.28 -17.21	51.18 2.46 -12.70	69.01 3.91 -2.84	54.49 3.51 -0.66	55.42 2.91 -9.48	51.16 2.09 -18.31	50.37 2.11 -15.04	50.29 2.12 -13.05
GOWANUS_GT1_7 24112	55.03 1.98 -18.24	53.02 1.88 -19.54	52.40 1.77 -23.41	52.40 1.72 -22.54	52.42 1.82 -19.86	52.42 1.82 -16.69	52.87 2.06 -11.43	53.23 2.41 -9.12	54.17 2.59 -10.59	54.41 2.49 -19.10	54.62 2.38 -21.95	51.20 2.48 -16.01	50.40 2.36 -16.69	50.26 2.01 -23.22	50.23 1.80 -25.91	50.75 2.26 -18.93	51.15 2.28 -17.21	51.18 2.46 -12.70	69.01 3.91 -2.84	54.49 3.51 -0.66	55.42 2.91 -9.48	51.16 2.09 -18.31	50.37 2.11 -15.04	50.29 2.12 -13.05
GOWANUS_GT1_8 24113	55.03 1.98 -18.24	53.02 1.88 -19.54	52.40 1.77 -23.41	52.40 1.72 -22.54	52.42 1.82 -19.86	52.42 1.82 -16.69	52.87 2.06 -11.43	53.23 2.41 -9.12	54.17 2.59 -10.59	54.41 2.49 -19.10	54.62 2.38 -21.95	51.20 2.48 -16.01	50.40 2.36 -16.69	50.26 2.01 -23.22	50.23 1.80 -25.91	50.75 2.26 -18.93	51.15 2.28 -17.21	51.18 2.46 -12.70	69.01 3.91 -2.84	54.49 3.51 -0.66	55.42 2.91 -9.48	51.16 2.09 -18.31	50.37 2.11 -15.04	50.29 2.12 -13.05
GOWANUS_GT2_1 24114	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05
GOWANUS_GT2_2 24115	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05
GOWANUS_GT2_3 24116	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05

GOWANUS_GT2_4 24117	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05
GOWANUS_GT2_5 24118	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05
GOWANUS_GT2_6 24119	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05
GOWANUS_GT2_7 24120	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05
GOWANUS_GT2_8 24121	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05
GOWANUS_GT3_1 24122	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05
GOWANUS_GT3_2 24123	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	5		

GOWANUS_GT4_3 24132	55.03 1.98 -18.24	53.02 1.88 -19.54	52.40 1.77 -23.41	52.40 1.72 -22.54	52.42 1.82 -19.86	52.42 1.82 -16.69	52.87 2.06 -11.43	53.23 2.41 -9.12	54.17 2.59 -10.59	54.41 2.49 -19.10	54.62 2.38 -21.95	51.20 2.48 -16.01	50.40 2.36 -16.69	50.26 2.01 -23.22	50.23 1.80 -25.91	50.75 2.26 -18.93	51.15 2.28 -17.21	51.18 2.46 -12.70	69.01 3.91 -2.84	54.49 3.51 -0.66	55.42 2.91 -9.48	51.16 2.09 -18.31	50.37 2.11 -15.04	50.29 2.12 -13.05
GOWANUS_GT4_4 24133	55.03 1.98 -18.24	53.02 1.88 -19.54	52.40 1.77 -23.41	52.40 1.72 -22.54	52.42 1.82 -19.86	52.42 1.82 -16.69	52.87 2.06 -11.43	53.23 2.41 -9.12	54.17 2.59 -10.59	54.41 2.49 -19.10	54.62 2.38 -21.95	51.20 2.48 -16.01	50.40 2.36 -16.69	50.26 2.01 -23.22	50.23 1.80 -25.91	50.75 2.26 -18.93	51.15 2.28 -17.21	51.18 2.46 -12.70	69.01 3.91 -2.84	54.49 3.51 -0.66	55.42 2.91 -9.48	51.16 2.09 -18.31	50.37 2.11 -15.04	50.29 2.12 -13.05
GOWANUS_GT4_5 24134	55.03 1.98 -18.24	53.02 1.88 -19.54	52.40 1.77 -23.41	52.40 1.72 -22.54	52.42 1.82 -19.86	52.42 1.82 -16.69	52.87 2.06 -11.43	53.23 2.41 -9.12	54.17 2.59 -10.59	54.41 2.49 -19.10	54.62 2.38 -21.95	51.20 2.48 -16.01	50.40 2.36 -16.69	50.26 2.01 -23.22	50.23 1.80 -25.91	50.75 2.26 -18.93	51.15 2.28 -17.21	51.18 2.46 -12.70	69.01 3.91 -2.84	54.49 3.51 -0.66	55.42 2.91 -9.48	51.16 2.09 -18.31	50.37 2.11 -15.04	50.29 2.12 -13.05
GOWANUS_GT4_6 24135	55.03 1.98 -18.24	53.02 1.88 -19.54	52.40 1.77 -23.41	52.40 1.72 -22.54	52.42 1.82 -19.86	52.42 1.82 -16.69	52.87 2.06 -11.43	53.23 2.41 -9.12	54.17 2.59 -10.59	54.41 2.49 -19.10	54.62 2.38 -21.95	51.20 2.48 -16.01	50.40 2.36 -16.69	50.26 2.01 -23.22	50.23 1.80 -25.91	50.75 2.26 -18.93	51.15 2.28 -17.21	51.18 2.46 -12.70	69.01 3.91 -2.84	54.49 3.51 -0.66	55.42 2.91 -9.48	51.16 2.09 -18.31	50.37 2.11 -15.04	50.29 2.12 -13.05
GOWANUS_GT4_7 24136	55.03 1.98 -18.24	53.02 1.88 -19.54	52.40 1.77 -23.41	52.40 1.72 -22.54	52.42 1.82 -19.86	52.42 1.82 -16.69	52.87 2.06 -11.43	53.23 2.41 -9.12	54.17 2.59 -10.59	54.41 2.49 -19.10	54.62 2.38 -21.95	51.20 2.48 -16.01	50.40 2.36 -16.69	50.26 2.01 -23.22	50.23 1.80 -25.91	50.75 2.26 -18.93	51.15 2.28 -17.21	51.18 2.46 -12.70	69.01 3.91 -2.84	54.49 3.51 -0.66	55.42 2.91 -9.48	51.16 2.09 -18.31	50.37 2.11 -15.04	50.29 2.12 -13.05
GOWANUS_GT4_8 24137	55.03 1.98 -18.24	53.02 1.88 -19.54	52.40 1.77 -23.41	52.40 1.72 -22.54	52.42 1.82 -19.86	52.42 1.82 -16.69	52.87 2.06 -11.43	53.23 2.41 -9.12	54.17 2.59 -10.59	54.41 2.49 -19.10	54.62 2.38 -21.95	51.20 2.48 -16.01	50.40 2.36 -16.69	50.26 2.01 -23.22	50.23 1.80 -25.91	50.75 2.26 -18.93	51.15 2.28 -17.21	51.18 2.46 -12.70	69.01 3.91 -2.84	54.49 3.51 -0.66	55.42 2.91 -9.48	51.16 2.09 -18.31	50.37 2.11 -15.04	50.29 2.12 -13.05
GREENBSH_115KV_TB3 55895	35.96 1.15 0.00	32.65 1.04 0.00	28.20 0.97 0.00	29.17 1.03 0.00	31.84 1.10 0.00	35.06 1.15 0.00	40.64 1.26 0.00	43.18 1.48 0.00	42.49 1.50 0.00	34.09 1.28 0.00	31.45 1.16 0.00	33.89 1.18 0.00	32.37 1.02 0.00	25.81 0.76 0.00	23.20 0.68 0.00	30.54 0.98 0.00	32.79 1.12 0.00	37.36 1.34 0.00	64.50 2.24 0.00	52.18 1.85 0.00	44.62 1.59 0.00	31.94 1.17 0.00	34.38 1.17 0.00	36.36 1.25 0.00
GREENDGE_115KV_TB5 80291	-6.00 -1.85 38.97	40.59 -1.59 -10.57	36.39 -1.41 -10.57	37.97 -1.38 -11.22	41.10 -1.53 -11.89	44.92 -1.68 -12.70	51.62 -1.96 -14.20	39.83 -2.14 -0.27	7.51 -2.19 31.29	41.51 -2.04 -10.74	40.00 -1.96 -11.66	42.99 -1.96 -12.24	39.92 -1.87 -10.44	33.79 -1.42 -10.17	30.56 -1.15 -9.19	38.44 -1.56 -10.44	42.28 -1.52 -12.13	46.76 -1.97 -12.71	77.57 -3.25 -18.56	64.90 -2.39 -16.96	55.98 -1.99 -14.93	41.11 -1.45 -11.80	43.28 -1.43 -11.49	45.96 -1.64 -12.49
GREENIDGE___3 23582	-6.00 -1.85 38.97	40.59 -1.59 -10.57	36.39 -1.41 -10.57	37.97 -1.38 -11.22	41.10 -1.53 -11.89	44.92 -1.68 -12.70	51.62 -1.96 -14.20	39.83 -2.14 -0.27	7.51 -2.19 31.29	41.51 -2.04 -10.74	40.00 -1.96 -11.66	42.99 -1.96 -12.24	39.92 -1.87 -10.44	33.79 -1.42 -10.17	30.56 -1.15 -9.19	38.44 -1.56 -10.44	42.28 -1.52 -12.13	46.76 -1.97 -12.71	77.57 -3.25 -18.56	64.90 -2.39 -16.96	55.98 -1.99 -14.93	41.11 -1.45 -11.80	43.28 -1.43 -11.49	45.96 -1.64 -12.49
GREENIDGE___4 23583	-6.04 -1.89 38.97	40.59 -1.59 -10.57	36.41 -1.39 -10.57	37.98 -1.37 -11.22	41.12 -1.51 -11.89	44.93 -1.67 -12.70	51.61 -1.98 -14.20	39.81 -2.16 -0.27	7.47 -2.23 31.29	41.52 -2.04 -10.74	40.01 -1.95 -11.66	43.00 -1.95 -12.24	39.93 -1.86 -10.44	33.80 -1.41 -10.17	30.57 -1.14 -9.19	38.45 -1.54 -10.44	42.29 -1.50 -12.13	46.76 -1.96 -12.71	77.58 -3.24 -18.56	64.92 -2.36 -16.96	55.96 -2.00 -14.93	41.12 -1.44 -11.80	43.29 -1.43 -11.49	45.97 -1.63 -12.49
GREENLWN_69_KV_BK 3 55738	36.45 1.64 0.00	33.14 1.53 0.00	28.80 1.57 0.00	29.65 1.51 0.00	32.36 1.62 0.00	35.51 1.61 0.00	41.21 1.83 0.00	43.80 2.10 0.00	43.33 2.34 0.00	34.91 2.10 0.00	32.56 2.27 0.00	35.14 2.43 0.00	33.53 2.18 0.00	26.97 1.93 0.00	24.27 1.75 0.00	31.76 2.20 0.00	33.81 2.15 0.00	38.38 2.36 0.00	66.02 3.76 0.00	53.35 3.03 0.00	45.66 2.63 0.00	32.65 1.88 0.00	35.21 1.99 0.00	36.98 1.86 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	55.03 1.98 -18.24	53.02 1.88 -19.54	52.40 1.77 -23.41	52.40 1.72 -22.54	52.42 1.82 -19.86	52.42 1.82 -16.69	52.87 2.06 -11.43	53.23 2.41 -9.12	54.17 2.59 -10.59	54.41 2.49 -19.10	54.62 2.38 -21.95	51.20 2.48 -16.01	50.40 2.36 -16.69	50.26 2.01 -23.22	50.23 1.80 -25.91	50.75 2.26 -18.93	51.15 2.28 -17.21	51.18 2.46 -12.70	69.01 3.91 -2.84	54.49 3.51 -0.66	55.42 2.91 -9.48	51.16 2.09 -18.31	50.37 2.11 -15.04	50.29 2.12 -13.05
GRISSOM___SOLAR 323813	36.27 1.46 0.00	32.92 1.32 0.00	28.35 1.12 0.00	29.25 1.11 0.00	31.97 1.24 0.00	35.30 1.40 0.00	41.03 1.65 0.00	43.48 1.78 0.00	42.16 1.17 0.00	33.25 0.43 0.00	30.46 0.17 0.00	32.79 0.07 0.00	31.29 -0.06 0.00	24.99 -0.05 0.00	22.69 0.17 0.00	29.90 0.34 0.00	31.96 0.30 0.00	36.76 0.74 0.00	64.51 2.24 0.00	52.62 2.30 0.00	45.00 1.97 0.00	32.12 1.36 0.00	34.62 1.39 0.00	36.54 1.43 0.00
GROVEVILLE___HYD 323602	36.42 1.61 0.00	33.10 1.49 0.00	28.63 1.39 0.00	29.52 1.39 0.00	32.22 1.48 0.00	35.46 1.55 0.00	41.17 1.79 0.00	43.77 2.07 0.00	43.19 2.20 0.00	34.86 2.04 0.00	32.25 1.96 0.00	34.80 2.08 0.00	33.34 1.99 0.00	26.66 1.62 0.00	23.95 1.43 0.00	31.40 1.84 0.00	33.57 1.91 0.00	38.18 2.16 0.00	65.85 3.58 0.00	53.44 3.11 0.00	45.61 2.58 0.00	32.57 1.81 0.00	35.03 1.81 0.00	36.87 1.76 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	33.97 -0.84 0.00	30.89 -0.72 0.00	26.59 -0.64 0.00	27.53 -0.61 0.00	30.04 -0.69 0.00	33.14 -0.76 0.00	38.53 -0.85 0.00	40.78 -0.92 0.00	40.03 -0.96 0.00	31.90 -0.92 0.00	29.41 -0.88 0.00	31.83 -0.89 0.00	30.55 -0.80 0.00	24.41 -0.63 0.00	21.96 -0.56 0.00	28.82 -0.74 0.00	30.92 -0.75 0.00	35.10 -0.92 0.00	60.74 -1.53 0.00	49.19 -1.13 0.00	42.07 -0.96 0.00	30.06 -0.70 0.00	32.49 -0.73 0.00	34.34 -0.77 0.00

HAMLTNNY_34_KV_TB 80303	33.97 -0.84 0.00	30.87 -0.73 0.00	26.59 -0.64 0.00	27.54 -0.60 0.00	30.03 -0.70 0.00	33.14 -0.76 0.00	38.53 -0.85 0.00	40.78 -0.92 0.00	40.03 -0.97 0.00	31.85 -0.96 0.00	29.35 -0.94 0.00	31.74 -0.98 0.00	30.52 -0.82 0.00	24.36 -0.68 0.00	21.95 -0.57 0.00	28.82 -0.74 0.00	30.92 -0.74 0.00	35.10 -0.92 0.00	60.83 -1.44 0.00	49.24 -1.08 0.00	42.11 -0.93 0.00	30.08 -0.69 0.00	32.51 -0.71 0.00	34.34 -0.77 0.00
HAMPSHIRE___PAPER_HYD 323593	34.17 -0.64 0.00	30.90 -0.70 0.00	26.50 -0.73 0.00	27.38 -0.75 0.00	30.02 -0.72 0.00	33.31 -0.60 0.00	38.67 -0.71 0.00	40.86 -0.85 0.00	39.83 -1.16 0.00	31.58 -1.24 0.00	28.83 -1.46 0.00	31.03 -1.68 0.00	29.74 -1.61 0.00	24.15 -1.27 -0.37	21.33 -1.19 0.00	28.14 -1.42 0.00	30.34 -1.32 0.00	34.94 -1.08 0.00	60.62 -1.65 0.00	50.10 -1.35 -1.13	46.11 -1.20 -4.28	34.26 -0.89 -4.40	36.84 -0.98 -4.59	38.97 -0.91 -4.77
HARDSCRABBLE_WT_PWR 323673	35.03 0.22 0.00	31.78 0.17 0.00	27.43 0.20 0.00	28.39 0.25 0.00	30.98 0.24 0.00	34.14 0.23 0.00	39.67 0.29 0.00	42.15 0.45 0.00	41.31 0.32 0.00	32.97 0.15 0.00	30.35 0.06 0.00	32.68 -0.03 0.00	31.17 -0.17 0.00	24.85 -0.19 0.00	22.43 -0.09 0.00	29.52 -0.04 0.00	31.72 0.06 0.00	36.16 0.14 0.00	62.75 0.48 0.00	50.86 0.54 0.00	43.57 0.53 0.00	31.12 0.36 0.00	33.46 0.24 0.00	35.38 0.27 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.08 1.27 0.00	32.78 1.17 0.00	28.35 1.12 0.00	29.24 1.10 0.00	31.91 1.17 0.00	35.12 1.21 0.00	40.77 1.39 0.00	43.35 1.65 0.00	42.75 1.76 0.00	34.49 1.67 0.00	31.91 1.61 0.00	34.44 1.73 0.00	33.03 1.68 0.00	26.41 1.37 0.00	23.74 1.22 0.00	31.09 1.53 0.00	33.24 1.58 0.00	37.80 1.78 0.00	65.16 2.90 0.00	52.89 2.57 0.00	45.15 2.12 0.00	32.23 1.47 0.00	34.67 1.45 0.00	36.48 1.37 0.00
HARSNRAD_115KV_TB1 81005	14.10 -3.56 17.15	20.93 -3.38 7.30	16.86 -3.07 7.30	17.25 -3.14 7.75	18.99 -3.53 8.22	21.27 -3.87 8.77	25.13 -4.44 9.81	23.31 -5.15 13.24	17.91 -4.85 18.22	19.48 -4.40 8.93	18.29 -3.94 8.06	20.33 -3.93 8.45	20.65 -3.49 7.21	15.36 -2.65 7.02	13.77 -2.40 6.35	19.14 -3.21 7.21	19.59 -3.69 8.38	23.05 -4.19 8.78	42.39 -7.05 12.82	32.79 -5.81 11.72	27.82 -4.90 10.31	19.09 -3.53 8.15	22.09 -3.19 7.94	22.95 -3.53 8.63
HARZA MOOSE___RIVER 24016	34.38 -0.44 0.00	31.14 -0.47 0.00	26.80 -0.43 0.00	27.73 -0.41 0.00	30.36 -0.38 0.00	33.63 -0.28 0.00	39.04 -0.34 0.00	41.38 -0.32 0.00	40.37 -0.62 0.00	32.05 -0.76 0.00	29.26 -1.03 0.00	31.50 -1.21 0.00	30.17 -1.18 0.00	24.26 -0.89 -0.11	21.67 -0.84 0.00	28.58 -0.98 0.00	30.81 -0.85 0.00	35.41 -0.61 0.00	61.40 -0.86 0.00	50.14 -0.51 -0.33	43.78 -0.48 -1.23	31.64 -0.39 -1.27	34.05 -0.49 -1.33	36.07 -0.42 -1.37
HDSNBRDG_115KV_BRDG_TB1 355580	33.75 -1.06 0.00	30.69 -0.92 0.00	26.43 -0.80 0.00	27.33 -0.81 0.00	29.84 -0.90 0.00	32.92 -0.98 0.00	38.26 -1.13 0.00	40.46 -1.24 0.00	39.73 -1.26 0.00	31.68 -1.14 0.00	29.22 -1.07 0.00	31.64 -1.08 0.00	30.36 -0.99 0.00	24.28 -0.76 0.00	21.83 -0.68 0.00	28.64 -0.92 0.00	30.69 -0.98 0.00	34.84 -1.17 0.00	60.26 -2.01 0.00	48.83 -1.49 0.00	41.77 -1.27 0.00	29.84 -0.93 0.00	32.26 -0.96 0.00	34.09 -1.02 0.00
HELLGATE_13_KV_LD 55870	36.53 1.71 0.00	33.23 1.63 0.00	28.76 1.53 0.00	29.63 1.49 0.00	32.32 1.58 0.00	35.45 1.54 0.00	41.10 1.72 0.00	43.76 2.06 0.00	43.26 2.27 0.00	35.06 2.24 0.00	32.44 2.15 0.00	34.95 2.23 0.00	33.47 2.13 0.00	26.84 1.80 0.00	24.14 1.62 0.00	31.58 2.02 0.00	33.69 2.03 0.00	38.18 2.16 0.00	65.69 3.43 0.00	53.41 3.08 0.00	45.60 2.56 0.00	32.60 1.83 0.00	35.06 1.84 0.00	36.96 1.85 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.53 1.71 0.00	33.23 1.63 0.00	28.76 1.53 0.00	29.63 1.49 0.00	32.32 1.58 0.00	35.45 1.54 0.00	41.10 1.72 0.00	43.76 2.06 0.00	43.26 2.27 0.00	35.06 2.24 0.00	32.44 2.15 0.00	34.95 2.23 0.00	33.47 2.13 0.00	26.84 1.80 0.00	24.14 1.62 0.00	31.58 2.02 0.00	33.69 2.03 0.00	38.18 2.16 0.00	65.69 3.43 0.00	53.41 3.08 0.00	45.60 2.56 0.00	32.60 1.83 0.00	35.06 1.84 0.00	36.96 1.85 0.00
HEMPSTEAD____ 23647	36.47 1.66 0.00	33.13 1.52 0.00	28.74 1.51 0.00	29.59 1.46 0.00	32.32 1.58 0.00	35.51 1.61 0.00	41.24 1.86 0.00	43.89 2.19 0.00	43.43 2.44 0.00	35.00 2.19 0.00	32.55 2.25 0.00	35.13 2.42 0.00	33.54 2.19 0.00	26.95 1.91 0.00	24.25 1.73 0.00	31.73 2.17 0.00	33.81 2.14 0.00	38.36 2.34 0.00	66.17 3.90 0.00	53.54 3.21 0.00	45.80 2.77 0.00	32.71 1.94 0.00	35.22 2.00 0.00	36.97 1.86 0.00
HEWLETT_69_KV_BK3 55828	36.77 1.96 0.00	33.41 1.80 0.00	28.99 1.76 0.00	29.86 1.73 0.00	32.61 1.87 0.00	35.84 1.93 0.00	41.61 2.23 0.00	44.29 2.59 0.00	43.80 2.81 0.00	35.32 2.50 0.00	32.84 2.54 0.00	35.42 2.71 0.00	33.85 2.50 0.00	27.18 2.14 0.00	24.45 1.93 0.00	32.00 2.44 0.00	34.08 2.42 0.00	38.65 2.63 0.00	66.67 4.41 0.00	54.00 3.67 0.00	46.20 3.17 0.00	32.99 2.23 0.00	35.52 2.30 0.00	37.29 2.18 0.00
HICKLING___1 23621	-6.72 -2.27 39.26	33.17 -1.90 -3.46	29.06 -1.64 -3.46	30.23 -1.58 -3.67	32.89 -1.74 -3.90	36.12 -1.95 -4.16	41.77 -2.26 -4.66	31.38 -2.56 7.76	4.12 -2.66 34.20	33.20 -2.23 -2.61	32.07 -2.05 -3.82	34.74 -1.99 -4.01	32.94 -1.83 -3.42	26.98 -1.40 -3.33	24.26 -1.27 -3.01	31.27 -1.72 -3.42	33.95 -1.69 -3.98	37.99 -2.20 -4.16	64.76 -3.58 -6.08	53.26 -2.62 -5.56	45.69 -2.23 -4.89	32.91 -1.72 -3.87	35.31 -1.68 -3.77	37.26 -1.95 -4.09
HICKLING___2 23622	-6.72 -2.27 39.26	33.17 -1.90 -3.46	29.06 -1.64 -3.46	30.23 -1.58 -3.67	32.89 -1.74 -3.90	36.12 -1.95 -4.16	41.77 -2.26 -4.66	31.38 -2.56 7.76	4.12 -2.66 34.20	33.20 -2.23 -2.61	32.07 -2.05 -3.82	34.74 -1.99 -4.01	32.94 -1.83 -3.42	26.98 -1.40 -3.33	24.26 -1.27 -3.01	31.27 -1.72 -3.42	33.95 -1.69 -3.98	37.99 -2.20 -4.16	64.76 -3.58 -6.08	53.26 -2.62 -5.56	45.69 -2.23 -4.89	32.91 -1.72 -3.87	35.31 -1.68 -3.77	37.26 -1.95 -4.09
HIGH FALLS___HY 23754	36.27 1.45 0.00	32.95 1.34 0.00	28.50 1.27 0.00	29.38 1.25 0.00	32.07 1.34 0.00	35.30 1.39 0.00	41.00 1.62 0.00	43.60 1.90 0.00	43.04 2.05 0.00	34.76 1.94 0.00	32.19 1.89 0.00	34.74 2.03 0.00	33.34 1.99 0.00	26.65 1.61 0.00	23.92 1.40 0.00	31.32 1.77 0.00	33.48 1.82 0.00	38.05 2.03 0.00	65.72 3.45 0.00	53.35 3.02 0.00	45.52 2.48 0.00	32.50 1.74 0.00	34.93 1.71 0.00	36.72 1.61 0.00
HIGH_RIVER___SOLAR 323847	35.89 1.08 0.00	32.59 0.99 0.00	28.10 0.87 0.00	29.02 0.88 0.00	31.70 0.96 0.00	34.97 1.06 0.00	40.61 1.23 0.00	43.06 1.36 0.00	42.12 1.13 0.00	33.50 0.68 0.00	30.75 0.46 0.00	33.02 0.31 0.00	31.56 0.22 0.00	25.19 0.15 0.00	22.73 0.21 0.00	29.92 0.36 0.00	32.12 0.46 0.00	36.69 0.67 0.00	64.06 1.80 0.00	52.10 1.77 0.00	44.54 1.51 0.00	31.83 1.06 0.00	34.30 1.08 0.00	36.24 1.13 0.00

HILLBURN___GT 23639	35.99 1.18 0.00	32.69 1.09 0.00	28.29 1.05 0.00	29.17 1.03 0.00	31.83 1.09 0.00	35.02 1.11 0.00	40.66 1.28 0.00	43.23 1.53 0.00	42.66 1.67 0.00	34.41 1.60 0.00	31.85 1.56 0.00	34.39 1.68 0.00	32.97 1.63 0.00	26.39 1.35 0.00	23.71 1.20 0.00	31.06 1.50 0.00	33.19 1.52 0.00	37.72 1.71 0.00	64.99 2.73 0.00	52.76 2.44 0.00	45.04 2.01 0.00	32.15 1.38 0.00	34.58 1.36 0.00	36.36 1.25 0.00
HILLSIDE_115KV_TB1 80332	-4.29 -2.34 36.77	32.76 -1.94 -3.09	28.67 -1.65 -3.09	29.83 -1.59 -3.28	32.45 -1.77 -3.48	35.65 -1.97 -3.71	41.23 -2.31 -4.16	31.65 -2.62 7.44	6.20 -2.70 32.09	32.92 -2.17 -2.27	31.71 -2.00 -3.41	34.35 -1.94 -3.58	32.62 -1.78 -3.06	26.65 -1.37 -2.98	23.96 -1.25 -2.69	30.93 -1.68 -3.06	33.52 -1.69 -3.55	37.55 -2.19 -3.72	64.05 -3.65 -5.43	52.58 -2.71 -4.96	45.11 -2.29 -4.37	32.47 -1.74 -3.45	34.89 -1.69 -3.36	36.79 -1.98 -3.66
HISHELDN_WT_PWR 323625	-8.84 -4.07 39.59	-7.93 -3.65 35.89	-11.82 -3.17 35.89	-13.14 -3.19 38.08	-13.14 -3.50 40.38	-13.14 -3.93 43.11	-13.37 -4.51 48.23	-15.09 -4.94 51.86	-13.14 -4.97 49.16	-13.77 -4.22 42.36	-13.14 -3.84 39.60	-12.88 -4.03 41.56	-7.83 -3.72 35.46	-12.31 -2.82 34.53	-11.30 -2.60 31.22	-9.36 -3.46 35.46	-13.14 -3.60 41.20	-11.53 -4.39 43.16	-8.03 -7.29 63.01	-12.83 -5.56 57.60	-12.48 -4.82 50.70	-12.83 -3.53 40.06	-9.38 -3.58 39.02	-11.22 -3.92 42.41
HOLTSVILLE_IC_1 23690	36.61 1.79 0.00	33.25 1.64 0.00	28.97 1.74 0.00	29.82 1.68 0.00	32.60 1.86 0.00	35.79 1.88 0.00	41.59 2.21 0.00	44.25 2.55 0.00	43.79 2.80 0.00	35.10 2.29 0.00	32.68 2.38 0.00	35.29 2.57 0.00	33.61 2.27 0.00	27.09 2.05 0.00	24.39 1.87 0.00	31.90 2.34 0.00	33.89 2.23 0.00	38.52 2.51 0.00	66.62 4.35 0.00	53.72 3.40 0.00	46.09 3.06 0.00	32.89 2.13 0.00	35.46 2.24 0.00	37.16 2.04 0.00
HOLTSVILLE_IC_10 23699	36.72 1.90 0.00	33.35 1.74 0.00	29.07 1.84 0.00	29.92 1.79 0.00	32.73 2.00 0.00	35.95 2.05 0.00	41.79 2.41 0.00	44.48 2.78 0.00	44.02 3.03 0.00	35.22 2.41 0.00	32.78 2.49 0.00	35.41 2.70 0.00	33.73 2.38 0.00	27.18 2.14 0.00	24.47 1.95 0.00	32.01 2.45 0.00	33.98 2.32 0.00	38.64 2.62 0.00	66.96 4.69 0.00	53.97 3.64 0.00	46.33 3.30 0.00	33.05 2.29 0.00	35.64 2.42 0.00	37.32 2.20 0.00
HOLTSVILLE_IC_2 23691	36.61 1.79 0.00	33.25 1.64 0.00	28.97 1.74 0.00	29.82 1.68 0.00	32.60 1.86 0.00	35.79 1.88 0.00	41.59 2.21 0.00	44.25 2.55 0.00	43.79 2.80 0.00	35.10 2.29 0.00	32.68 2.38 0.00	35.29 2.57 0.00	33.61 2.27 0.00	27.09 2.05 0.00	24.39 1.87 0.00	31.90 2.34 0.00	33.89 2.23 0.00	38.52 2.51 0.00	66.62 4.35 0.00	53.72 3.40 0.00	46.09 3.06 0.00	32.89 2.13 0.00	35.46 2.24 0.00	37.16 2.04 0.00
HOLTSVILLE_IC_3 23692	36.61 1.79 0.00	33.25 1.64 0.00	28.97 1.74 0.00	29.82 1.68 0.00	32.60 1.86 0.00	35.79 1.88 0.00	41.59 2.21 0.00	44.25 2.55 0.00	43.79 2.80 0.00	35.10 2.29 0.00	32.68 2.38 0.00	35.29 2.57 0.00	33.61 2.27 0.00	27.09 2.05 0.00	24.39 1.87 0.00	31.90 2.34 0.00	33.89 2.23 0.00	38.52 2.51 0.00	66.62 4.35 0.00	53.72 3.40 0.00	46.09 3.06 0.00	32.89 2.13 0.00	35.46 2.24 0.00	37.16 2.04 0.00
HOLTSVILLE_IC_4 23693	36.61 1.79 0.00	33.25 1.64 0.00	28.97 1.74 0.00	29.82 1.68 0.00	32.60 1.86 0.00	35.79 1.88 0.00	41.59 2.21 0.00	44.25 2.55 0.00	43.79 2.80 0.00	35.10 2.29 0.00	32.68 2.38 0.00	35.29 2.57 0.00	33.61 2.27 0.00	27.09 2.05 0.00	24.39 1.87 0.00	31.90 2.34 0.00	33.89 2.23 0.00	38.52 2.51 0.00	66.62 4.35 0.00	53.72 3.40 0.00	46.09 3.06 0.00	32.89 2.13 0.00	35.46 2.24 0.00	37.16 2.04 0.00
HOLTSVILLE_IC_5 23694	36.61 1.79 0.00	33.25 1.64 0.00	28.97 1.74 0.00	29.82 1.68 0.00	32.60 1.86 0.00	35.79 1.88 0.00	41.59 2.21 0.00	44.25 2.55 0.00	43.79 2.80 0.00	35.10 2.29 0.00	32.68 2.38 0.00	35.29 2.57 0.00	33.61 2.27 0.00	27.09 2.05 0.00	24.39 1.87 0.00	31.90 2.34 0.00	33.89 2.23 0.00	38.52 2.51 0.00	66.62 4.35 0.00	53.72 3.40 0.00	46.09 3.06 0.00	32.89 2.13 0.00	35.46 2.24 0.00	37.16 2.04 0.00
HOLTSVILLE_IC_6 23695	36.72 1.90 0.00	33.35 1.74 0.00	29.07 1.84 0.00	29.92 1.79 0.00	32.73 2.00 0.00	35.95 2.05 0.00	41.79 2.41 0.00	44.48 2.78 0.00	44.02 3.03 0.00	35.22 2.41 0.00	32.78 2.49 0.00	35.41 2.70 0.00	33.73 2.38 0.00	27.18 2.14 0.00	24.47 1.95 0.00	32.01 2.45 0.00	33.98 2.32 0.00	38.64 2.62 0.00	66.96 4.69 0.00	53.97 3.64 0.00	46.33 3.30 0.00	33.05 2.29 0.00	35.64 2.42 0.00	37.32 2.20 0.00
HOLTSVILLE_IC_7 23696	36.72 1.90 0.00	33.35 1.74 0.00	29.07 1.84 0.00	29.92 1.79 0.00	32.73 2.00 0.00	35.95 2.05 0.00	41.79 2.41 0.00	44.48 2.78 0.00	44.02 3.03 0.00	35.22 2.41 0.00	32.78 2.49 0.00	35.41 2.70 0.00	33.73 2.38 0.00	27.18 2.14 0.00	24.47 1.95 0.00	32.01 2.45 0.00	33.98 2.32 0.00	38.64 2.62 0.00	66.96 4.69 0.00	53.97 3.64 0.00	46.33 3.30 0.00	33.05 2.29 0.00	35.64 2.42 0.00	37.32 2.20 0.00
HOLTSVILLE_IC_8 23697	36.72 1.90 0.00	33.35 1.74 0.00	29.07 1.84 0.00	29.92 1.79 0.00	32.73 2.00 0.00	35.95 2.05 0.00	41.79 2.41 0.00	44.48 2.78 0.00	44.02 3.03 0.00	35.22 2.41 0.00	32.78 2.49 0.00	35.41 2.70 0.00	33.73 2.38 0.00	27.18 2.14 0.00	24.47 1.95 0.00	32.01 2.45 0.00	33.98 2.32 0.00	38.64 2.62 0.00	66.96 4.69 0.00	53.97 3.64 0.00	46.33 3.30 0.00	33.05 2.29 0.00	35.64 2.42 0.00	37.32 2.20 0.00
HOLTSVILLE_IC_9 23698	36.72 1.90 0.00	33.35 1.74 0.00	29.07 1.84 0.00	29.92 1.79 0.00	32.73 2.00 0.00	35.95 2.05 0.00	41.79 2.41 0.00	44.48 2.78 0.00	44.02 3.03 0.00	35.22 2.41 0.00	32.78 2.49 0.00	35.41 2.70 0.00	33.73 2.38 0.00	27.18 2.14 0.00	24.47 1.95 0.00	32.01 2.45 0.00	33.98 2.32 0.00	38.64 2.62 0.00	66.96 4.69 0.00	53.97 3.64 0.00	46.33 3.30 0.00	33.05 2.29 0.00	35.64 2.42 0.00	37.32 2.20 0.00
HOMER_HL_115KV_TB2 355744	12.25 -2.39 20.17	29.41 -2.20 0.00	25.34 -1.89 0.00	26.30 -1.83 0.00	28.67 -2.07 0.00	31.64 -2.27 0.00	36.59 -2.79 0.00	32.38 -3.34 5.98	19.61 -3.15 18.24	29.25 -2.87 0.69	27.86 -2.43 0.00	30.46 -2.26 0.00	29.50 -1.85 0.00	23.63 -1.40 0.00	21.20 -1.32 0.00	27.75 -1.81 0.00	29.52 -2.14 0.00	33.39 -2.63 0.00	57.73 -4.54 0.00	46.68 -3.64 0.00	40.03 -3.00 0.00	28.43 -2.33 0.00	31.25 -1.97 0.00	32.79 -2.32 0.00
HOWARD_WT_PWR 323690	1.37 -4.11 29.33	50.84 -3.54 -22.77	46.89 -3.12 -22.77	49.11 -3.19 -24.16	52.93 -3.43 -25.62	57.28 -3.98 -27.36	65.38 -4.61 -30.61	53.35 -5.12 -16.77	17.74 -5.21 18.04	53.55 -4.28 -25.01	51.50 -3.93 -25.13	54.81 -4.27 -26.37	49.88 -3.98 -22.50	44.09 -2.86 -21.91	39.58 -2.75 -19.81	48.35 -3.71 -22.50	54.21 -3.60 -26.14	58.82 -4.59 -27.39	94.92 -7.33 -39.98	81.24 -5.63 -36.55	70.31 -4.89 -32.17	52.45 -3.74 -25.42	54.17 -3.81 -24.76	57.93 -4.10 -26.91

HQ_GEN_CEDARS 23644	35.33 0.51 0.00	31.99 0.38 0.00	27.43 0.19 0.00	28.29 0.16 0.00	30.97 0.23 0.00	34.27 0.37 0.00	39.88 0.50 0.00	42.06 0.35 0.00	41.25 0.26 0.00	32.95 0.13 0.00	30.39 0.10 0.00	32.81 0.10 0.00	31.46 0.10 0.00	25.26 0.07 -0.15	22.60 0.09 0.00	29.70 0.15 0.00	31.82 0.16 0.00	36.32 0.30 0.00	62.91 0.64 0.00	51.09 0.22 -0.54	45.27 0.18 -2.06	33.01 0.13 -2.12	35.68 0.24 -2.21	37.71 0.30 -2.30
HQ_GEN_CEDARS_PROXY 323590	35.33 0.52 0.00	31.99 0.38 0.00	27.43 0.19 0.00	28.29 0.16 0.00	30.97 0.23 0.00	34.27 0.37 0.00	39.88 0.50 0.00	42.06 0.35 0.00	41.26 0.27 0.00	32.95 0.13 0.00	30.39 0.09 0.00	32.81 0.10 0.00	31.45 0.10 0.00	25.26 0.07 -0.15	22.61 0.09 0.00	29.70 0.15 0.00	31.82 0.16 0.00	36.32 0.30 0.00	62.91 0.64 0.00	51.08 0.21 -0.54	45.28 0.18 -2.06	33.01 0.13 -2.12	35.68 0.25 -2.21	37.70 0.29 -2.30
HQ_GEN_IMPORT 323601	35.14 0.28 -0.05	31.82 0.21 0.00	27.35 0.11 0.00	28.23 0.09 0.00	30.88 0.14 0.00	34.12 0.21 0.00	39.66 0.28 0.00	41.89 0.19 0.00	41.16 0.17 0.00	32.94 0.13 0.00	30.42 0.12 0.00	32.85 0.14 0.00	31.48 0.13 0.00	25.13 0.09 0.00	22.62 0.10 0.00	29.69 0.13 0.00	31.79 0.13 0.00	36.21 0.19 0.00	62.65 0.38 0.00	50.44 0.12 0.00	43.12 0.09 0.00	30.83 0.06 0.00	33.36 0.14 0.00	35.28 0.16 0.00
HQ_GEN_WHEEL 23651	35.14 0.28 -0.05	31.82 0.21 0.00	27.35 0.11 0.00	28.23 0.09 0.00	30.88 0.14 0.00	34.12 0.21 0.00	39.66 0.28 0.00	41.89 0.19 0.00	41.16 0.17 0.00	32.94 0.13 0.00	30.42 0.12 0.00	32.85 0.14 0.00	31.48 0.13 0.00	25.13 0.09 0.00	22.62 0.10 0.00	29.69 0.13 0.00	31.79 0.13 0.00	36.21 0.19 0.00	62.65 0.38 0.00	50.44 0.12 0.00	43.12 0.09 0.00	30.83 0.06 0.00	33.36 0.14 0.00	35.28 0.16 0.00
HUDSON AVE_GT_3 23810	36.50 1.69 0.00	33.19 1.58 0.00	28.74 1.50 0.00	29.60 1.46 0.00	32.29 1.55 0.00	35.48 1.57 0.00	41.13 1.76 0.00	43.78 2.08 0.00	43.28 2.29 0.00	35.04 2.22 0.00	32.44 2.15 0.00	34.96 2.24 0.00	33.49 2.14 0.00	26.84 1.80 0.00	24.13 1.62 0.00	31.59 2.04 0.00	33.72 2.06 0.00	38.26 2.24 0.00	65.82 3.55 0.00	53.50 3.18 0.00	45.64 2.61 0.00	32.61 1.84 0.00	35.07 1.85 0.00	36.94 1.83 0.00
HUDSON AVE_GT_4 23540	36.50 1.69 0.00	33.19 1.58 0.00	28.74 1.50 0.00	29.60 1.46 0.00	32.29 1.55 0.00	35.48 1.57 0.00	41.13 1.76 0.00	43.78 2.08 0.00	43.28 2.29 0.00	35.04 2.22 0.00	32.44 2.15 0.00	34.96 2.24 0.00	33.49 2.14 0.00	26.84 1.80 0.00	24.13 1.62 0.00	31.59 2.04 0.00	33.72 2.06 0.00	38.26 2.24 0.00	65.82 3.55 0.00	53.50 3.18 0.00	45.64 2.61 0.00	32.61 1.84 0.00	35.07 1.85 0.00	36.94 1.83 0.00
HUDSON AVE_GT_5 23657	36.50 1.69 0.00	33.19 1.58 0.00	28.74 1.50 0.00	29.60 1.46 0.00	32.29 1.55 0.00	35.48 1.57 0.00	41.13 1.76 0.00	43.78 2.08 0.00	43.28 2.29 0.00	35.04 2.22 0.00	32.44 2.15 0.00	34.96 2.24 0.00	33.49 2.14 0.00	26.84 1.80 0.00	24.13 1.62 0.00	31.59 2.04 0.00	33.72 2.06 0.00	38.26 2.24 0.00	65.82 3.55 0.00	53.50 3.18 0.00	45.64 2.61 0.00	32.61 1.84 0.00	35.07 1.85 0.00	36.94 1.83 0.00
HUDSON_AVE_10 24168	36.41 1.59 0.00	33.12 1.51 0.00	28.66 1.43 0.00	29.53 1.39 0.00	32.22 1.48 0.00	35.40 1.49 0.00	41.00 1.62 0.00	43.65 1.95 0.00	43.14 2.15 0.00	34.95 2.14 0.00	32.35 2.05 0.00	34.85 2.13 0.00	33.40 2.05 0.00	26.77 1.73 0.00	24.07 1.56 0.00	31.52 1.96 0.00	33.62 1.95 0.00	38.14 2.12 0.00	65.61 3.34 0.00	53.34 3.02 0.00	45.48 2.44 0.00	32.51 1.75 0.00	34.96 1.74 0.00	36.86 1.75 0.00
HUDSON___115KV_TB 4 355613	36.49 1.68 0.00	33.13 1.52 0.00	28.59 1.36 0.00	29.57 1.44 0.00	32.30 1.56 0.00	35.60 1.70 0.00	41.31 1.93 0.00	43.93 2.22 0.00	43.24 2.25 0.00	34.65 1.84 0.00	31.90 1.60 0.00	34.28 1.57 0.00	32.65 1.30 0.00	25.92 0.88 0.00	23.30 0.78 0.00	30.69 1.14 0.00	33.11 1.45 0.00	37.82 1.80 0.00	65.63 3.37 0.00	53.21 2.88 0.00	45.47 2.43 0.00	32.50 1.74 0.00	34.98 1.76 0.00	36.94 1.83 0.00
HUNTER MOUNT___DRP 323613	36.68 1.87 0.00	33.29 1.69 0.00	28.73 1.50 0.00	29.71 1.58 0.00	32.47 1.73 0.00	35.78 1.88 0.00	41.55 2.18 0.00	44.19 2.49 0.00	43.51 2.52 0.00	34.85 2.03 0.00	32.05 1.76 0.00	34.41 1.69 0.00	32.72 1.37 0.00	25.97 0.93 0.00	23.34 0.83 0.00	30.77 1.21 0.00	33.26 1.59 0.00	37.97 1.95 0.00	65.99 3.72 0.00	53.51 3.19 0.00	45.73 2.69 0.00	32.68 1.92 0.00	35.17 1.95 0.00	37.14 2.02 0.00
HUNTINGTON_RES_REC 323705	36.54 1.73 0.00	33.20 1.59 0.00	28.88 1.65 0.00	29.73 1.59 0.00	32.48 1.74 0.00	35.65 1.75 0.00	41.41 2.02 0.00	44.04 2.34 0.00	43.59 2.60 0.00	35.03 2.21 0.00	32.64 2.35 0.00	35.25 2.53 0.00	33.59 2.24 0.00	27.04 2.00 0.00	24.34 1.82 0.00	31.84 2.29 0.00	33.87 2.20 0.00	38.47 2.45 0.00	66.39 4.13 0.00	53.59 3.26 0.00	45.93 2.90 0.00	32.80 2.03 0.00	35.38 2.16 0.00	37.09 1.98 0.00
HUNTLEY___63 23557	15.04 -3.22 16.55	23.07 -3.08 5.46	18.96 -2.81 5.46	19.48 -2.87 5.80	21.33 -3.27 6.15	23.83 -3.52 6.56	28.04 -4.00 7.34	25.98 -4.71 11.01	19.53 -4.46 17.00	22.02 -3.99 6.81	20.70 -3.56 6.03	22.90 -3.49 6.32	22.90 -3.06 5.40	17.46 -2.33 5.25	15.67 -2.10 4.75	21.34 -2.82 5.40	22.11 -3.28 6.27	25.75 -3.70 6.57	46.40 -6.27 9.59	36.35 -5.21 8.77	30.96 -4.35 7.72	21.45 -3.22 6.10	24.46 -2.83 5.94	25.49 -3.17 6.45
HUNTLEY___64 23558	15.04 -3.22 16.55	23.07 -3.08 5.46	18.96 -2.81 5.46	19.48 -2.87 5.80	21.33 -3.27 6.15	23.83 -3.52 6.56	28.04 -4.00 7.34	25.98 -4.71 11.01	19.53 -4.46 17.00	22.02 -3.99 6.81	20.70 -3.56 6.03	22.90 -3.49 6.32	22.90 -3.06 5.40	17.46 -2.33 5.25	15.67 -2.10 4.75	21.34 -2.82 5.40	22.11 -3.28 6.27	25.75 -3.70 6.57	46.40 -6.27 9.59	36.35 -5.21 8.77	30.96 -4.35 7.72	21.45 -3.22 6.10	24.46 -2.83 5.94	25.49 -3.17 6.45
HUNTLEY___65 23559	15.04 -3.22 16.55	23.07 -3.08 5.46	18.96 -2.81 5.46	19.48 -2.87 5.80	21.33 -3.27 6.15	23.83 -3.52 6.56	28.04 -4.00 7.34	25.98 -4.71 11.01	19.53 -4.46 17.00	22.02 -3.99 6.81	20.70 -3.56 6.03	22.90 -3.49 6.32	22.90 -3.06 5.40	17.46 -2.33 5.25	15.67 -2.10 4.75	21.34 -2.82 5.40	22.11 -3.28 6.27	25.75 -3.70 6.57	46.40 -6.27 9.59	36.35 -5.21 8.77	30.96 -4.35 7.72	21.45 -3.22 6.10	24.46 -2.83 5.94	25.49 -3.17 6.45
HUNTLEY___66 23560	15.04 -3.22 16.55	23.07 -3.08 5.46	18.96 -2.81 5.46	19.48 -2.87 5.80	21.33 -3.27 6.15	23.83 -3.52 6.56	28.04 -4.00 7.34	25.98 -4.71 11.01	19.53 -4.46 17.00	22.02 -3.99 6.81	20.70 -3.56 6.03	22.90 -3.49 6.32	22.90 -3.06 5.40	17.46 -2.33 5.25	15.67 -2.10 4.75	21.34 -2.82 5.40	22.11 -3.28 6.27	25.75 -3.70 6.57	46.40 -6.27 9.59	36.35 -5.21 8.77	30.96 -4.35 7.72	21.45 -3.22 6.10	24.46 -2.83 5.94	25.49 -3.17 6.45

HUNTLEY___67 23561	14.82 -3.36 16.63	23.29 -3.09 5.23	19.19 -2.82 5.23	19.72 -2.87 5.55	21.60 -3.26 5.88	24.07 -3.56 6.28	28.25 -4.11 7.02	26.12 -4.81 10.77	19.41 -4.60 16.98	22.21 -4.06 6.54	20.90 -3.63 5.77	23.12 -3.55 6.05	23.07 -3.12 5.16	17.62 -2.39 5.03	15.83 -2.14 4.55	21.54 -2.86 5.16	22.33 -3.33 6.00	25.95 -3.79 6.28	46.66 -6.44 9.17	36.59 -5.35 8.39	31.17 -4.48 7.38	21.62 -3.31 5.83	24.60 -2.94 5.68	25.65 -3.29 6.18
HUNTLEY___68 23562	14.82 -3.36 16.63	23.29 -3.09 5.23	19.19 -2.82 5.23	19.72 -2.87 5.55	21.60 -3.26 5.88	24.07 -3.56 6.28	28.25 -4.11 7.02	26.12 -4.81 10.77	19.41 -4.60 16.98	22.21 -4.06 6.54	20.90 -3.63 5.77	23.12 -3.55 6.05	23.07 -3.12 5.16	17.62 -2.39 5.03	15.83 -2.14 4.55	21.54 -2.86 5.16	22.33 -3.33 6.00	25.95 -3.79 6.28	46.66 -6.44 9.17	36.59 -5.35 8.39	31.17 -4.48 7.38	21.62 -3.31 5.83	24.60 -2.94 5.68	25.65 -3.29 6.18
HYLAND___LFGE 323620	22.71 -1.82 10.29	54.86 -1.57 -24.82	50.61 -1.44 -24.82	53.05 -1.43 -26.34	57.10 -1.57 -27.93	62.01 -1.72 -29.82	70.90 -1.84 -33.36	64.30 -2.10 -24.70	38.52 -2.41 0.05	57.93 -2.89 -28.00	55.35 -2.33 -27.38	58.84 -2.62 -28.74	53.63 -2.24 -24.52	47.67 -1.25 -23.88	42.72 -1.40 -21.59	51.98 -2.10 -24.52	57.85 -2.31 -28.49	63.07 -2.80 -29.85	102.57 -3.28 -43.58	88.13 -2.03 -39.84	76.46 -1.63 -35.06	57.10 -1.38 -27.70	58.96 -1.25 -26.98	62.93 -1.52 -29.33
INDECK___CORINTH 23802	36.95 2.14 0.00	33.55 1.95 0.00	28.94 1.71 0.00	29.94 1.81 0.00	32.75 2.01 0.00	36.17 2.26 0.00	41.91 2.53 0.00	44.49 2.78 0.00	43.66 2.67 0.00	34.88 2.06 0.00	31.93 1.63 0.00	34.26 1.55 0.00	32.60 1.25 0.00	25.96 0.92 0.00	23.44 0.92 0.00	31.02 1.47 0.00	33.45 1.78 0.00	38.36 2.34 0.00	66.32 4.06 0.00	53.53 3.21 0.00	45.67 2.63 0.00	32.71 1.95 0.00	35.22 2.00 0.00	37.26 2.14 0.00
INDECK___ILION 23567	35.04 0.22 0.00	31.80 0.19 0.00	27.45 0.21 0.00	28.38 0.25 0.00	30.99 0.25 0.00	34.16 0.25 0.00	39.66 0.28 0.00	42.12 0.42 0.00	41.34 0.35 0.00	33.05 0.23 0.00	30.45 0.15 0.00	32.81 0.09 0.00	31.33 -0.01 0.00	25.01 -0.04 0.00	22.53 0.01 0.00	29.62 0.07 0.00	31.80 0.14 0.00	36.23 0.21 0.00	62.76 0.50 0.00	50.86 0.53 0.00	43.53 0.50 0.00	31.10 0.34 0.00	33.49 0.28 0.00	35.38 0.27 0.00
INDECK___OLEAN 23982	12.22 -2.42 20.17	29.43 -2.18 0.00	25.37 -1.86 0.00	26.34 -1.80 0.00	28.71 -2.02 0.00	31.68 -2.23 0.00	36.63 -2.75 0.00	32.27 -3.45 5.98	19.44 -3.32 18.24	29.29 -2.83 0.69	27.94 -2.36 0.00	30.52 -2.20 0.00	29.55 -1.80 0.00	23.68 -1.36 0.00	21.23 -1.29 0.00	27.80 -1.75 0.00	29.58 -2.08 0.00	33.44 -2.58 0.00	57.79 -4.48 0.00	46.79 -3.54 0.00	40.10 -2.93 0.00	28.47 -2.29 0.00	31.29 -1.93 0.00	32.85 -2.26 0.00
INDECK___OSWEGO 23783	33.48 -1.33 0.00	30.45 -1.16 0.00	26.21 -1.02 0.00	27.11 -1.03 0.00	29.62 -1.12 0.00	32.68 -1.23 0.00	37.96 -1.42 0.00	40.19 -1.52 0.00	39.43 -1.56 0.00	31.44 -1.38 0.00	28.98 -1.31 0.00	31.34 -1.38 0.00	30.07 -1.28 0.00	24.03 -1.01 0.00	21.60 -0.92 0.00	28.37 -1.19 0.00	30.39 -1.28 0.00	34.53 -1.49 0.00	59.71 -2.56 0.00	48.38 -1.94 0.00	41.37 -1.67 0.00	29.57 -1.20 0.00	31.95 -1.27 0.00	33.80 -1.31 0.00
INDECK___YERKES 23781	15.05 -3.21 16.55	23.12 -3.03 5.46	19.03 -2.74 5.46	19.55 -2.79 5.80	21.39 -3.20 6.15	23.90 -3.44 6.56	28.13 -3.91 7.34	26.08 -4.61 11.01	19.54 -4.45 17.00	22.12 -3.89 6.81	20.84 -3.43 6.03	23.02 -3.37 6.32	22.99 -2.97 5.40	17.54 -2.25 5.25	15.72 -2.04 4.75	21.46 -2.70 5.40	22.23 -3.16 6.27	25.86 -3.59 6.57	46.54 -6.14 9.59	36.53 -5.03 8.77	31.10 -4.22 7.72	21.54 -3.13 6.10	24.53 -2.75 5.94	25.60 -3.06 6.45
INDIAN POINT_GT_1 24139	36.05 1.24 0.00	32.78 1.17 0.00	28.36 1.12 0.00	29.24 1.11 0.00	31.91 1.17 0.00	35.10 1.19 0.00	40.73 1.35 0.00	43.31 1.60 0.00	42.72 1.73 0.00	34.50 1.68 0.00	31.93 1.63 0.00	34.46 1.75 0.00	33.02 1.67 0.00	26.43 1.39 0.00	23.76 1.24 0.00	31.12 1.56 0.00	33.24 1.58 0.00	37.77 1.76 0.00	65.09 2.82 0.00	52.84 2.52 0.00	45.11 2.07 0.00	32.20 1.44 0.00	34.65 1.42 0.00	36.46 1.35 0.00
INDIAN POINT_GT_2 23659	36.05 1.24 0.00	32.78 1.17 0.00	28.36 1.12 0.00	29.24 1.11 0.00	31.91 1.17 0.00	35.10 1.19 0.00	40.73 1.35 0.00	43.31 1.60 0.00	42.72 1.73 0.00	34.50 1.68 0.00	31.93 1.63 0.00	34.46 1.75 0.00	33.02 1.67 0.00	26.43 1.39 0.00	23.76 1.24 0.00	31.12 1.56 0.00	33.24 1.58 0.00	37.77 1.76 0.00	65.09 2.82 0.00	52.84 2.52 0.00	45.11 2.07 0.00	32.20 1.44 0.00	34.65 1.42 0.00	36.46 1.35 0.00
INDIAN POINT_GT_3 24019	36.05 1.24 0.00	32.78 1.17 0.00	28.36 1.12 0.00	29.24 1.11 0.00	31.91 1.17 0.00	35.10 1.19 0.00	40.73 1.35 0.00	43.31 1.60 0.00	42.72 1.73 0.00	34.50 1.68 0.00	31.93 1.63 0.00	34.46 1.75 0.00	33.02 1.67 0.00	26.43 1.39 0.00	23.76 1.24 0.00	31.12 1.56 0.00	33.24 1.58 0.00	37.77 1.76 0.00	65.09 2.82 0.00	52.84 2.52 0.00	45.11 2.07 0.00	32.20 1.44 0.00	34.65 1.42 0.00	36.46 1.35 0.00
INDIAN POINT___2 23530	35.90 1.09 0.00	32.62 1.01 0.00	28.22 0.99 0.00	29.10 0.96 0.00	31.76 1.02 0.00	34.95 1.04 0.00	40.56 1.18 0.00	43.12 1.42 0.00	42.53 1.54 0.00	34.33 1.51 0.00	31.76 1.47 0.00	34.29 1.58 0.00	32.87 1.52 0.00	26.30 1.26 0.00	23.64 1.12 0.00	30.95 1.39 0.00	33.08 1.41 0.00	37.59 1.58 0.00	64.79 2.52 0.00	52.60 2.27 0.00	44.90 1.86 0.00	32.05 1.28 0.00	34.47 1.26 0.00	36.28 1.17 0.00
INDIAN POINT___3 23531	36.08 1.27 0.00	32.79 1.19 0.00	28.38 1.15 0.00	29.25 1.12 0.00	31.93 1.19 0.00	35.12 1.21 0.00	40.75 1.36 0.00	43.33 1.63 0.00	42.75 1.76 0.00	34.52 1.71 0.00	31.95 1.65 0.00	34.48 1.76 0.00	33.04 1.69 0.00	26.44 1.40 0.00	23.77 1.24 0.00	31.13 1.58 0.00	33.25 1.59 0.00	37.79 1.78 0.00	65.10 2.83 0.00	52.86 2.53 0.00	45.11 2.08 0.00	32.23 1.47 0.00	34.66 1.44 0.00	36.48 1.37 0.00
INGHAM_C_115KV_TB7 356103	35.17 0.36 0.00	31.91 0.30 0.00	27.58 0.35 0.00	28.56 0.42 0.00	31.15 0.41 0.00	34.30 0.40 0.00	39.85 0.47 0.00	42.38 0.68 0.00	41.52 0.53 0.00	33.10 0.28 0.00	30.42 0.13 0.00	32.69 -0.02 0.00	31.08 -0.26 0.00	24.76 -0.28 0.00	22.39 -0.12 0.00	29.49 -0.06 0.00	31.70 0.04 0.00	36.27 0.25 0.00	63.06 0.79 0.00	51.17 0.85 0.00	43.85 0.81 0.00	31.32 0.55 0.00	33.67 0.45 0.00	35.53 0.42 0.00
IP CORINTH___1 23988	36.96 2.15 0.00	33.55 1.95 0.00	28.95 1.71 0.00	29.94 1.81 0.00	32.75 2.01 0.00	36.17 2.26 0.00	41.92 2.54 0.00	44.49 2.78 0.00	43.65 2.66 0.00	34.88 2.06 0.00	31.93 1.64 0.00	34.27 1.55 0.00	32.60 1.25 0.00	25.96 0.92 0.00	23.44 0.93 0.00	31.03 1.47 0.00	33.45 1.78 0.00	38.36 2.34 0.00	66.32 4.06 0.00	53.53 3.20 0.00	45.67 2.63 0.00	32.71 1.95 0.00	35.22 2.01 0.00	37.26 2.14 0.00

IP___TICONDEROGA 23804	38.32 3.51 0.00	34.63 3.03 0.00	29.84 2.61 0.00	30.89 2.76 0.00	33.90 3.16 0.00	37.62 3.72 0.00	43.22 3.84 0.00	45.78 4.08 0.00	44.65 3.66 0.00	35.68 2.87 0.00	32.49 2.19 0.00	34.77 2.06 0.00	33.08 1.73 0.00	26.31 1.27 0.00	23.89 1.37 0.00	31.77 2.22 0.00	34.43 2.77 0.00	39.77 3.75 0.00	68.58 6.31 0.00	55.13 4.80 0.00	46.73 3.70 0.00	33.65 2.88 0.00	36.23 3.01 0.00	38.43 3.32 0.00
ISLIP_RES_REC 323679	36.81 2.00 0.00	33.43 1.83 0.00	29.14 1.91 0.00	29.99 1.86 0.00	32.81 2.07 0.00	36.04 2.13 0.00	41.89 2.51 0.00	44.60 2.90 0.00	44.15 3.16 0.00	35.33 2.51 0.00	32.88 2.59 0.00	35.52 2.80 0.00	33.82 2.47 0.00	27.25 2.21 0.00	24.54 2.02 0.00	32.10 2.54 0.00	34.09 2.42 0.00	38.76 2.74 0.00	67.17 4.90 0.00	54.15 3.82 0.00	46.49 3.46 0.00	33.16 2.40 0.00	35.74 2.52 0.00	37.42 2.31 0.00
JAMAICA__27_KV_LOAD 355505	36.63 1.82 0.00	33.37 1.76 0.00	28.87 1.64 0.00	29.75 1.62 0.00	32.48 1.74 0.00	35.65 1.75 0.00	41.22 1.84 0.00	43.88 2.18 0.00	43.40 2.41 0.00	35.18 2.37 0.00	32.55 2.26 0.00	35.02 2.30 0.00	33.67 2.32 0.00	26.96 1.92 0.00	24.27 1.75 0.00	31.76 2.20 0.00	33.84 2.17 0.00	38.38 2.36 0.00	65.98 3.72 0.00	53.67 3.34 0.00	45.68 2.65 0.00	32.71 1.95 0.00	35.16 1.95 0.00	37.19 2.08 0.00
JANIS___SOLAR 323808	73.71 -0.36 -39.25	32.99 -0.32 -1.71	28.66 -0.28 -1.71	29.71 -0.24 -1.81	32.38 -0.29 -1.92	35.67 -0.29 -2.05	41.48 -0.20 -2.30	55.01 -0.23 -13.54	76.61 -0.50 -36.12	35.10 -1.02 -3.30	30.97 -1.21 -1.89	33.53 -1.17 -1.98	32.03 -1.01 -1.69	25.93 -0.76 -1.65	23.35 -0.66 -1.49	30.31 -0.93 -1.69	32.92 -0.71 -1.96	37.36 -0.71 -2.06	64.46 -0.81 -3.00	53.02 -0.04 -2.74	45.46 0.01 -2.41	32.58 -0.10 -1.91	34.96 -0.12 -1.86	36.87 -0.26 -2.02
JARVIS____ 23743	34.90 0.09 0.00	31.70 0.09 0.00	27.34 0.10 0.00	28.25 0.11 0.00	30.86 0.12 0.00	34.02 0.11 0.00	39.50 0.12 0.00	41.88 0.18 0.00	41.16 0.17 0.00	32.97 0.16 0.00	30.41 0.12 0.00	32.82 0.11 0.00	31.43 0.09 0.00	25.11 0.07 0.00	22.58 0.06 0.00	29.65 0.09 0.00	31.78 0.12 0.00	36.15 0.13 0.00	62.50 0.23 0.00	50.57 0.25 0.00	43.25 0.22 0.00	30.92 0.16 0.00	33.35 0.13 0.00	35.24 0.12 0.00
JENNISON___1 23625	41.77 -0.92 -7.89	30.73 -0.88 0.00	26.50 -0.73 0.00	27.45 -0.69 0.00	29.94 -0.80 0.00	33.01 -0.90 0.00	38.47 -0.91 0.00	43.04 -1.00 -2.34	47.08 -1.04 -7.13	31.93 -1.16 -0.27	29.14 -1.16 0.00	31.70 -1.01 0.00	30.53 -0.81 0.00	24.51 -0.53 0.00	22.17 -0.35 0.00	28.91 -0.65 0.00	30.84 -0.82 0.00	34.92 -1.09 0.00	60.48 -1.79 0.00	49.39 -0.93 0.00	42.27 -0.76 0.00	30.07 -0.70 0.00	32.46 -0.76 0.00	34.19 -0.92 0.00
JENNISON___2 23626	41.77 -0.92 -7.89	30.73 -0.88 0.00	26.50 -0.73 0.00	27.45 -0.69 0.00	29.94 -0.80 0.00	33.01 -0.90 0.00	38.47 -0.91 0.00	43.04 -1.00 -2.34	47.08 -1.04 -7.13	31.93 -1.16 -0.27	29.14 -1.16 0.00	31.70 -1.01 0.00	30.53 -0.81 0.00	24.51 -0.53 0.00	22.17 -0.35 0.00	28.91 -0.65 0.00	30.84 -0.82 0.00	34.92 -1.09 0.00	60.48 -1.79 0.00	49.39 -0.93 0.00	42.27 -0.76 0.00	30.07 -0.70 0.00	32.46 -0.76 0.00	34.19 -0.92 0.00
JERICHO_RISE_WT_PWR 323719	34.90 0.08 0.00	31.47 -0.13 0.00	26.92 -0.32 0.00	27.74 -0.40 0.00	30.48 -0.26 0.00	33.91 0.01 0.00	39.53 0.15 0.00	41.31 -0.39 0.00	40.54 -0.45 0.00	32.63 -0.19 0.00	30.13 -0.16 0.00	32.34 -0.38 0.00	30.85 -0.50 0.00	20.41 -0.61 4.01	22.09 -0.43 0.00	29.05 -0.50 0.00	31.26 -0.40 0.00	35.91 -0.11 0.00	62.34 0.08 0.00	37.71 -1.17 11.45	-1.44 -1.11 43.37	-14.60 -0.80 44.57	-14.14 -0.78 46.58	-14.04 -0.79 48.37
KATONAH___115KV_46KV_TB4 355592	36.41 1.60 0.00	33.10 1.49 0.00	28.63 1.40 0.00	29.52 1.38 0.00	32.22 1.48 0.00	35.44 1.53 0.00	41.13 1.75 0.00	43.75 2.05 0.00	43.19 2.20 0.00	34.89 2.07 0.00	32.30 2.01 0.00	34.86 2.15 0.00	33.39 2.04 0.00	26.73 1.69 0.00	24.02 1.50 0.00	31.47 1.92 0.00	33.62 1.95 0.00	38.20 2.18 0.00	65.83 3.56 0.00	53.44 3.12 0.00	45.61 2.58 0.00	32.57 1.81 0.00	35.02 1.81 0.00	36.87 1.76 0.00
KCE_NY_1 323755	36.52 1.71 0.00	33.14 1.53 0.00	28.60 1.37 0.00	29.59 1.46 0.00	32.34 1.60 0.00	35.67 1.76 0.00	41.46 2.08 0.00	43.97 2.27 0.00	43.20 2.21 0.00	34.48 1.66 0.00	31.66 1.37 0.00	34.06 1.35 0.00	32.48 1.13 0.00	25.86 0.82 0.00	23.33 0.81 0.00	30.84 1.28 0.00	33.25 1.59 0.00	37.91 1.90 0.00	65.65 3.39 0.00	52.97 2.65 0.00	45.34 2.30 0.00	32.39 1.62 0.00	34.93 1.71 0.00	36.90 1.79 0.00
KCE_NY_6_ESR 323823	14.71 -2.91 17.19	24.44 -2.70 4.48	20.29 -2.46 4.48	20.90 -2.49 4.75	22.86 -2.85 5.04	25.41 -3.12 5.38	29.80 -3.57 6.01	27.35 -4.25 10.10	19.66 -4.12 17.21	23.53 -3.58 5.70	22.22 -3.14 4.94	24.49 -3.04 5.18	24.27 -2.65 4.42	18.72 -2.01 4.31	16.77 -1.86 3.89	22.69 -2.45 4.42	23.66 -2.86 5.14	27.35 -3.29 5.38	48.82 -5.58 7.86	38.58 -4.56 7.18	32.90 -3.81 6.32	22.91 -2.86 5.00	25.86 -2.49 4.87	27.00 -2.82 5.29
KEDC_PORT_JEFF_GT2 24210	36.68 1.87 0.00	33.31 1.70 0.00	29.05 1.81 0.00	29.89 1.76 0.00	32.72 1.98 0.00	35.92 2.02 0.00	41.76 2.37 0.00	44.44 2.74 0.00	43.99 3.00 0.00	35.20 2.39 0.00	32.76 2.46 0.00	35.39 2.67 0.00	33.70 2.36 0.00	27.16 2.12 0.00	24.45 1.93 0.00	31.98 2.43 0.00	33.96 2.30 0.00	38.61 2.59 0.00	66.92 4.66 0.00	53.92 3.59 0.00	46.30 3.27 0.00	33.02 2.26 0.00	35.61 2.39 0.00	37.28 2.17 0.00
KEDC_PORT_JEFF_GT3 24211	36.68 1.87 0.00	33.31 1.70 0.00	29.05 1.81 0.00	29.89 1.76 0.00	32.72 1.98 0.00	35.92 2.02 0.00	41.76 2.37 0.00	44.44 2.74 0.00	43.99 3.00 0.00	35.20 2.39 0.00	32.76 2.46 0.00	35.39 2.67 0.00	33.70 2.36 0.00	27.16 2.12 0.00	24.45 1.93 0.00	31.98 2.43 0.00	33.96 2.30 0.00	38.61 2.59 0.00	66.92 4.66 0.00	53.92 3.59 0.00	46.30 3.27 0.00	33.02 2.26 0.00	35.61 2.39 0.00	37.28 2.17 0.00
KEDC_GLWD_GT4 24219	36.64 1.82 0.00	33.28 1.68 0.00	28.86 1.63 0.00	29.73 1.59 0.00	32.46 1.72 0.00	35.67 1.76 0.00	41.43 2.05 0.00	44.08 2.37 0.00	43.61 2.62 0.00	35.16 2.35 0.00	32.69 2.39 0.00	35.28 2.57 0.00	33.69 2.35 0.00	27.07 2.03 0.00	24.35 1.82 0.00	31.87 2.31 0.00	33.96 2.29 0.00	38.53 2.51 0.00	66.44 4.17 0.00	53.77 3.45 0.00	45.99 2.96 0.00	32.84 2.07 0.00	35.37 2.16 0.00	37.14 2.03 0.00
KEDC_GLWD_GT5 24220	36.64 1.82 0.00	33.28 1.68 0.00	28.86 1.63 0.00	29.73 1.59 0.00	32.46 1.72 0.00	35.67 1.76 0.00	41.43 2.05 0.00	44.08 2.37 0.00	43.61 2.62 0.00	35.16 2.35 0.00	32.69 2.39 0.00	35.28 2.57 0.00	33.69 2.35 0.00	27.07 2.03 0.00	24.35 1.82 0.00	31.87 2.31 0.00	33.96 2.29 0.00	38.53 2.51 0.00	66.44 4.17 0.00	53.77 3.45 0.00	45.99 2.96 0.00	32.84 2.07 0.00	35.37 2.16 0.00	37.14 2.03 0.00

KENSICO____ 23655	36.26 1.45 0.00	32.97 1.36 0.00	28.53 1.30 0.00	29.41 1.28 0.00	32.10 1.36 0.00	35.29 1.39 0.00	40.94 1.55 0.00	43.54 1.84 0.00	42.98 1.99 0.00	34.73 1.92 0.00	32.15 1.86 0.00	34.70 1.98 0.00	33.23 1.88 0.00	26.61 1.57 0.00	23.92 1.40 0.00	31.34 1.78 0.00	33.46 1.80 0.00	38.01 2.00 0.00	65.46 3.19 0.00	53.14 2.82 0.00	45.37 2.33 0.00	32.42 1.66 0.00	34.86 1.64 0.00	36.69 1.58 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.33 1.51 0.00	33.00 1.39 0.00	28.53 1.30 0.00	29.43 1.29 0.00	32.12 1.38 0.00	35.37 1.46 0.00	41.08 1.70 0.00	43.67 1.97 0.00	43.09 2.10 0.00	34.77 1.96 0.00	32.18 1.88 0.00	34.72 2.00 0.00	33.30 1.95 0.00	26.61 1.57 0.00	23.88 1.36 0.00	31.30 1.74 0.00	33.48 1.82 0.00	38.05 2.03 0.00	65.76 3.50 0.00	53.39 3.06 0.00	45.55 2.51 0.00	32.53 1.77 0.00	34.96 1.74 0.00	36.78 1.67 0.00
KIAC_JFK_GT1 23816	36.43 1.62 0.00	33.19 1.58 0.00	28.72 1.49 0.00	29.59 1.46 0.00	32.30 1.56 0.00	35.41 1.50 0.00	40.83 1.45 0.00	43.47 1.77 0.00	42.99 2.00 0.00	34.85 2.03 0.00	32.25 1.95 0.00	34.70 1.99 0.00	33.47 2.13 0.00	26.82 1.78 0.00	24.14 1.62 0.00	31.58 2.02 0.00	33.61 1.95 0.00	38.02 2.00 0.00	65.33 3.07 0.00	53.15 2.82 0.00	45.24 2.21 0.00	32.40 1.63 0.00	34.82 1.60 0.00	36.85 1.74 0.00
KIAC_JFK_GT2 23817	36.43 1.62 0.00	33.19 1.58 0.00	28.72 1.49 0.00	29.59 1.46 0.00	32.30 1.56 0.00	35.41 1.50 0.00	40.83 1.45 0.00	43.47 1.77 0.00	42.99 2.00 0.00	34.85 2.03 0.00	32.25 1.95 0.00	34.70 1.99 0.00	33.47 2.13 0.00	26.82 1.78 0.00	24.14 1.62 0.00	31.58 2.02 0.00	33.61 1.95 0.00	38.02 2.00 0.00	65.33 3.07 0.00	53.15 2.82 0.00	45.24 2.21 0.00	32.40 1.63 0.00	34.82 1.60 0.00	36.85 1.74 0.00
KIAC_JFK____ 323774	36.44 1.62 0.00	33.18 1.57 0.00	28.71 1.48 0.00	29.58 1.45 0.00	32.29 1.55 0.00	35.40 1.50 0.00	40.82 1.44 0.00	43.46 1.76 0.00	42.99 2.01 0.00	34.85 2.03 0.00	32.23 1.94 0.00	34.71 2.00 0.00	33.46 2.11 0.00	26.81 1.77 0.00	24.14 1.62 0.00	31.58 2.02 0.00	33.61 1.95 0.00	38.01 1.99 0.00	65.32 3.05 0.00	53.12 2.79 0.00	45.23 2.20 0.00	32.39 1.63 0.00	34.81 1.59 0.00	36.84 1.73 0.00
KINTIGH____ 23543	18.46 -3.22 13.13	24.64 -2.88 4.09	20.54 -2.61 4.09	21.14 -2.65 4.34	23.14 -2.99 4.60	25.72 -3.27 4.92	30.09 -3.79 5.50	28.77 -4.47 8.46	23.28 -4.32 13.39	23.93 -3.76 5.12	22.44 -3.34 4.51	24.68 -3.29 4.74	24.40 -2.91 4.04	18.89 -2.22 3.94	16.99 -1.98 3.56	22.87 -2.65 4.04	23.88 -3.08 4.70	27.59 -3.51 4.92	49.08 -6.00 7.18	38.80 -4.96 6.56	33.10 -4.15 5.78	23.11 -3.09 4.56	25.98 -2.79 4.45	27.20 -3.08 4.83
KNTFSRNC_46_KV_46KV_LOAD 80397	35.36 0.55 0.00	31.76 0.15 0.00	27.05 -0.18 0.00	27.86 -0.27 0.00	30.70 -0.04 0.00	34.21 0.30 0.00	39.90 0.52 0.00	41.67 -0.03 0.00	40.93 -0.06 0.00	33.05 0.23 0.00	30.43 0.13 0.00	32.55 -0.16 0.00	30.97 -0.38 0.00	20.59 -0.63 3.83	22.12 -0.40 0.00	29.24 -0.32 0.00	31.60 -0.06 0.00	36.38 0.37 0.00	63.14 0.87 0.00	38.47 -0.93 10.93	0.83 -0.82 41.37	-12.39 -0.63 42.52	-11.91 -0.69 44.44	-11.73 -0.70 46.14
LACHUTE____HYDRO 323717	38.32 3.51 0.00	34.63 3.02 0.00	29.84 2.61 0.00	30.89 2.75 0.00	33.90 3.16 0.00	37.62 3.72 0.00	43.22 3.84 0.00	45.78 4.07 0.00	44.65 3.66 0.00	35.68 2.87 0.00	32.48 2.19 0.00	34.77 2.06 0.00	33.08 1.73 0.00	26.31 1.27 0.00	23.89 1.37 0.00	31.77 2.21 0.00	34.43 2.77 0.00	39.77 3.75 0.00	68.57 6.31 0.00	55.13 4.80 0.00	46.73 3.70 0.00	33.65 2.88 0.00	36.23 3.01 0.00	38.43 3.31 0.00
LAWRNCV_115KV_TB1 80681	35.04 0.23 0.00	31.71 0.11 0.00	27.16 -0.07 0.00	28.02 -0.12 0.00	30.69 -0.05 0.00	34.00 0.09 0.00	39.57 0.19 0.00	41.72 0.01 0.00	40.83 -0.16 0.00	32.53 -0.29 0.00	29.93 -0.37 0.00	32.28 -0.44 0.00	30.93 -0.42 0.00	25.14 -0.36 -0.45	22.23 -0.29 0.00	29.22 -0.34 0.00	31.37 -0.29 0.00	35.94 -0.08 0.00	62.28 0.01 0.00	51.45 -0.27 -1.39	48.06 -0.23 -5.26	35.99 -0.18 -5.41	38.76 -0.11 -5.65	40.91 -0.07 -5.87
LEDERLE____ 23769	36.14 1.32 0.00	32.84 1.23 0.00	28.41 1.18 0.00	29.30 1.16 0.00	31.97 1.23 0.00	35.17 1.26 0.00	40.84 1.46 0.00	43.42 1.72 0.00	42.82 1.83 0.00	34.57 1.75 0.00	32.00 1.71 0.00	34.54 1.83 0.00	33.11 1.77 0.00	26.51 1.47 0.00	23.81 1.29 0.00	31.19 1.63 0.00	33.33 1.67 0.00	37.89 1.87 0.00	65.28 3.02 0.00	53.00 2.68 0.00	45.24 2.21 0.00	32.30 1.53 0.00	34.73 1.51 0.00	36.53 1.42 0.00
LIGHTRSE_115KV_TB6 355974	33.40 -1.41 0.00	30.32 -1.29 0.00	26.05 -1.18 0.00	26.96 -1.18 0.00	29.49 -1.25 0.00	32.62 -1.29 0.00	37.90 -1.48 0.00	40.10 -1.60 0.00	39.24 -1.75 0.00	31.09 -1.73 0.00	28.50 -1.79 0.00	30.75 -1.96 0.00	29.51 -1.84 0.00	23.61 -1.43 0.00	21.19 -1.33 0.00	27.96 -1.60 0.00	30.07 -1.60 0.00	34.37 -1.65 0.00	59.51 -2.76 0.00	48.36 -1.96 0.00	41.34 -1.69 0.00	29.51 -1.25 0.00	31.85 -1.37 0.00	33.69 -1.42 0.00
LINDEN COGEN____ 23786	36.29 1.47 0.00	32.98 1.37 0.00	28.57 1.33 0.00	29.40 1.26 0.00	32.08 1.35 0.00	35.25 1.35 0.00	40.89 1.50 0.00	43.50 1.80 0.00	43.01 2.02 0.00	34.83 2.01 0.00	32.22 1.93 0.00	34.73 2.02 0.00	33.26 1.92 0.00	26.66 1.62 0.00	23.98 1.46 0.00	31.37 1.81 0.00	33.48 1.82 0.00	38.01 1.99 0.00	65.37 3.11 0.00	53.11 2.78 0.00	45.31 2.28 0.00	32.37 1.60 0.00	34.80 1.58 0.00	36.66 1.55 0.00
LINDHRST_69_KV_BK1 356055	36.84 2.03 0.00	33.45 1.85 0.00	29.06 1.83 0.00	29.91 1.77 0.00	32.69 1.95 0.00	35.90 2.00 0.00	41.70 2.32 0.00	44.40 2.70 0.00	43.92 2.93 0.00	35.34 2.53 0.00	32.90 2.61 0.00	35.50 2.79 0.00	33.88 2.53 0.00	27.26 2.22 0.00	24.52 2.00 0.00	32.10 2.54 0.00	34.19 2.53 0.00	38.81 2.79 0.00	67.01 4.75 0.00	54.16 3.84 0.00	46.38 3.35 0.00	33.09 2.33 0.00	35.66 2.44 0.00	37.38 2.27 0.00
LIPA_MISC_IPP 23656	36.56 1.75 0.00	33.23 1.62 0.00	29.02 1.79 0.00	29.88 1.74 0.00	32.76 2.02 0.00	35.94 2.03 0.00	41.77 2.39 0.00	44.47 2.76 0.00	43.99 2.99 0.00	35.09 2.28 0.00	32.64 2.34 0.00	35.26 2.54 0.00	33.58 2.24 0.00	27.08 2.04 0.00	24.37 1.85 0.00	31.90 2.34 0.00	33.82 2.16 0.00	38.46 2.44 0.00	66.78 4.51 0.00	53.70 3.37 0.00	46.20 3.17 0.00	32.95 2.19 0.00	35.52 2.30 0.00	37.19 2.08 0.00
LISF____SOLAR 323691	36.60 1.79 0.00	33.24 1.64 0.00	29.06 1.82 0.00	29.91 1.78 0.00	32.79 2.05 0.00	36.00 2.10 0.00	41.85 2.47 0.00	44.56 2.86 0.00	44.09 3.10 0.00	35.12 2.31 0.00	32.64 2.35 0.00	35.29 2.58 0.00	33.59 2.24 0.00	27.10 2.06 0.00	24.39 1.87 0.00	31.93 2.37 0.00	33.81 2.15 0.00	38.48 2.46 0.00	66.92 4.65 0.00	53.78 3.45 0.00	46.30 3.27 0.00	33.00 2.24 0.00	35.60 2.38 0.00	37.25 2.13 0.00

LITTLE FALLS___HYD 24013	35.17 0.36 0.00	31.91 0.30 0.00	27.58 0.35 0.00	28.56 0.42 0.00	31.15 0.41 0.00	34.30 0.40 0.00	39.85 0.47 0.00	42.38 0.68 0.00	41.52 0.53 0.00	33.10 0.28 0.00	30.42 0.13 0.00	32.69 -0.02 0.00	31.08 -0.26 0.00	24.76 -0.28 0.00	22.39 -0.12 0.00	29.49 -0.06 0.00	31.70 0.04 0.00	36.27 0.25 0.00	63.06 0.79 0.00	51.17 0.85 0.00	43.85 0.81 0.00	31.32 0.55 0.00	33.67 0.45 0.00	35.53 0.42 0.00
LITTLRIV_115KV_TB1 356100	35.58 0.77 0.00	32.19 0.58 0.00	27.56 0.33 0.00	28.42 0.29 0.00	31.13 0.39 0.00	34.49 0.59 0.00	40.19 0.81 0.00	42.37 0.67 0.00	41.37 0.38 0.00	32.77 -0.05 0.00	30.05 -0.24 0.00	32.41 -0.30 0.00	31.11 -0.24 0.00	25.32 -0.22 -0.50	22.38 -0.14 0.00	29.41 -0.15 0.00	31.67 0.01 0.00	36.41 0.39 0.00	63.16 0.89 0.00	52.43 0.58 -1.53	49.31 0.49 -5.78	37.03 0.32 -5.94	39.85 0.41 -6.21	42.03 0.47 -6.45
LI_NEWBRDGE___DRP 323616	36.37 1.56 0.00	33.06 1.45 0.00	28.69 1.46 0.00	29.55 1.41 0.00	32.26 1.53 0.00	35.44 1.53 0.00	41.15 1.77 0.00	43.77 2.07 0.00	43.29 2.30 0.00	34.89 2.07 0.00	32.44 2.15 0.00	35.01 2.30 0.00	33.43 2.08 0.00	26.86 1.82 0.00	24.17 1.64 0.00	31.62 2.06 0.00	33.69 2.03 0.00	38.24 2.22 0.00	65.92 3.65 0.00	53.34 3.01 0.00	45.64 2.60 0.00	32.60 1.83 0.00	35.11 1.89 0.00	36.87 1.76 0.00
LOCKPORT_115KV_TB60_63_64 80432	15.12 -3.49 16.21	22.14 -3.36 6.11	18.06 -3.06 6.11	18.53 -3.13 6.48	20.34 -3.53 6.87	22.72 -3.85 7.34	26.73 -4.44 8.21	24.95 -5.12 11.63	19.28 -4.78 16.93	20.89 -4.39 7.53	19.63 -3.93 6.74	21.73 -3.91 7.07	21.86 -3.46 6.04	16.53 -2.63 5.88	14.82 -2.38 5.31	20.33 -3.20 6.03	20.97 -3.68 7.01	24.52 -4.15 7.34	44.54 -7.00 10.72	34.74 -5.78 9.80	29.54 -4.86 8.63	20.46 -3.49 6.82	23.44 -3.14 6.64	24.42 -3.48 7.22
LOCKPORT___CC1 323769	14.10 -3.57 17.15	20.95 -3.35 7.30	16.91 -3.02 7.30	17.32 -3.07 7.75	19.04 -3.48 8.22	21.32 -3.81 8.77	25.20 -4.37 9.81	23.37 -5.08 13.24	17.88 -4.89 18.22	19.55 -4.34 8.93	18.41 -3.83 8.06	20.44 -3.82 8.45	20.72 -3.41 7.21	15.43 -2.59 7.02	13.81 -2.36 6.35	19.22 -3.13 7.21	19.70 -3.58 8.38	23.13 -4.11 8.78	42.47 -6.97 12.82	32.94 -5.67 11.72	27.94 -4.77 10.31	19.15 -3.46 8.15	22.15 -3.14 7.94	23.04 -3.45 8.63
LOCKPORT___CC2 323770	14.10 -3.57 17.15	20.95 -3.35 7.30	16.91 -3.02 7.30	17.32 -3.07 7.75	19.04 -3.48 8.22	21.32 -3.81 8.77	25.20 -4.37 9.81	23.37 -5.08 13.24	17.88 -4.89 18.22	19.55 -4.34 8.93	18.41 -3.83 8.06	20.44 -3.82 8.45	20.72 -3.41 7.21	15.43 -2.59 7.02	13.81 -2.36 6.35	19.22 -3.13 7.21	19.70 -3.58 8.38	23.13 -4.11 8.78	42.47 -6.97 12.82	32.94 -5.67 11.72	27.94 -4.77 10.31	19.15 -3.46 8.15	22.15 -3.14 7.94	23.04 -3.45 8.63
LOCKPORT___CC3 323771	14.10 -3.57 17.15	20.95 -3.35 7.30	16.91 -3.02 7.30	17.32 -3.07 7.75	19.04 -3.48 8.22	21.32 -3.81 8.77	25.20 -4.37 9.81	23.37 -5.08 13.24	17.88 -4.89 18.22	19.55 -4.34 8.93	18.41 -3.83 8.06	20.44 -3.82 8.45	20.72 -3.41 7.21	15.43 -2.59 7.02	13.81 -2.36 6.35	19.22 -3.13 7.21	19.70 -3.58 8.38	23.13 -4.11 8.78	42.47 -6.97 12.82	32.94 -5.67 11.72	27.94 -4.77 10.31	19.15 -3.46 8.15	22.15 -3.14 7.94	23.04 -3.45 8.63
LONG_LAKE_PHOENIX 24014	33.54 -1.27 0.00	30.49 -1.11 0.00	26.27 -0.97 0.00	27.16 -0.98 0.00	29.66 -1.08 0.00	32.72 -1.18 0.00	38.02 -1.36 0.00	40.24 -1.47 0.00	39.49 -1.51 0.00	31.46 -1.35 0.00	29.01 -1.28 0.00	31.37 -1.34 0.00	30.10 -1.25 0.00	24.06 -0.98 0.00	21.64 -0.87 0.00	28.44 -1.12 0.00	30.47 -1.19 0.00	34.59 -1.43 0.00	59.84 -2.43 0.00	48.48 -1.84 0.00	41.44 -1.59 0.00	29.62 -1.15 0.00	32.01 -1.21 0.00	33.85 -1.27 0.00
LOVETT___3 23632	35.99 1.18 0.00	32.72 1.11 0.00	28.31 1.08 0.00	29.19 1.05 0.00	31.85 1.11 0.00	35.03 1.12 0.00	40.66 1.28 0.00	43.24 1.54 0.00	42.64 1.65 0.00	34.43 1.62 0.00	31.87 1.58 0.00	34.40 1.69 0.00	32.97 1.62 0.00	26.39 1.35 0.00	23.71 1.20 0.00	31.07 1.51 0.00	33.19 1.52 0.00	37.71 1.69 0.00	64.97 2.70 0.00	52.74 2.42 0.00	45.02 1.99 0.00	32.14 1.38 0.00	34.58 1.36 0.00	36.39 1.28 0.00
LOVETT___4 23642	35.99 1.18 0.00	32.72 1.11 0.00	28.31 1.08 0.00	29.19 1.05 0.00	31.85 1.11 0.00	35.03 1.12 0.00	40.66 1.28 0.00	43.24 1.54 0.00	42.64 1.65 0.00	34.43 1.62 0.00	31.87 1.58 0.00	34.40 1.69 0.00	32.97 1.62 0.00	26.39 1.35 0.00	23.71 1.20 0.00	31.07 1.51 0.00	33.19 1.52 0.00	37.71 1.69 0.00	64.97 2.70 0.00	52.74 2.42 0.00	45.02 1.99 0.00	32.14 1.38 0.00	34.58 1.36 0.00	36.39 1.28 0.00
LOVETT___5 23593	35.99 1.18 0.00	32.72 1.11 0.00	28.31 1.08 0.00	29.19 1.05 0.00	31.85 1.11 0.00	35.03 1.12 0.00	40.66 1.28 0.00	43.24 1.54 0.00	42.64 1.65 0.00	34.43 1.62 0.00	31.87 1.58 0.00	34.40 1.69 0.00	32.97 1.62 0.00	26.39 1.35 0.00	23.71 1.20 0.00	31.07 1.51 0.00	33.19 1.52 0.00	37.71 1.69 0.00	64.97 2.70 0.00	52.74 2.42 0.00	45.02 1.99 0.00	32.14 1.38 0.00	34.58 1.36 0.00	36.39 1.28 0.00
LOWER RAQUET___HYD 24057	34.96 0.15 0.00	31.62 0.01 0.00	27.07 -0.16 0.00	27.93 -0.21 0.00	30.60 -0.14 0.00	33.91 0.00 0.00	39.47 0.09 0.00	41.61 -0.09 0.00	40.70 -0.29 0.00	32.39 -0.43 0.00	29.77 -0.52 0.00	32.09 -0.62 0.00	30.76 -0.58 0.00	25.09 -0.50 -0.55	22.10 -0.42 0.00	29.06 -0.50 0.00	31.22 -0.44 0.00	35.81 -0.21 0.00	62.07 -0.19 0.00	51.55 -0.43 -1.66	48.94 -0.37 -6.28	36.94 -0.28 -6.45	39.73 -0.23 -6.74	41.93 -0.18 -7.00
LOWER___HUDSON 24059	36.06 1.25 0.00	32.72 1.11 0.00	28.25 1.01 0.00	29.24 1.10 0.00	31.92 1.18 0.00	35.17 1.26 0.00	40.78 1.40 0.00	43.31 1.61 0.00	42.60 1.61 0.00	34.09 1.28 0.00	31.38 1.09 0.00	33.79 1.08 0.00	32.23 0.88 0.00	25.66 0.62 0.00	23.09 0.57 0.00	30.48 0.92 0.00	32.80 1.13 0.00	37.41 1.39 0.00	64.61 2.35 0.00	52.22 1.89 0.00	44.66 1.63 0.00	31.97 1.20 0.00	34.42 1.21 0.00	36.44 1.32 0.00
LOWVILLE_115KV_TB2 356335	33.82 -0.99 0.00	30.60 -1.01 0.00	26.31 -0.92 0.00	27.23 -0.90 0.00	29.87 -0.87 0.00	33.17 -0.74 0.00	38.45 -0.93 0.00	40.74 -0.96 0.00	39.61 -1.38 0.00	31.37 -1.45 0.00	28.47 -1.82 0.00	30.63 -2.09 0.00	29.33 -2.02 0.00	23.66 -1.55 -0.16	21.07 -1.45 0.00	27.83 -1.73 0.00	30.05 -1.61 0.00	34.72 -1.30 0.00	60.25 -2.01 0.00	49.39 -1.41 -0.48	43.59 -1.27 -1.83	31.68 -0.97 -1.88	34.06 -1.12 -1.96	36.18 -0.98 -2.04
LUTHERFT_115KV_GLOB_FND_222 355753	36.53 1.71 0.00	33.16 1.55 0.00	28.62 1.38 0.00	29.61 1.47 0.00	32.35 1.61 0.00	35.68 1.77 0.00	41.41 2.03 0.00	43.95 2.24 0.00	43.15 2.16 0.00	34.49 1.67 0.00	31.68 1.38 0.00	34.07 1.35 0.00	32.47 1.12 0.00	25.86 0.82 0.00	23.32 0.80 0.00	30.82 1.26 0.00	33.20 1.53 0.00	37.91 1.90 0.00	65.62 3.35 0.00	52.98 2.66 0.00	45.29 2.26 0.00	32.40 1.63 0.00	34.90 1.68 0.00	36.90 1.79 0.00

LUTHERNY_35_KV_BK2 355980	36.52 1.71 0.00	33.14 1.53 0.00	28.60 1.37 0.00	29.59 1.46 0.00	32.34 1.60 0.00	35.67 1.76 0.00	41.46 2.08 0.00	43.97 2.27 0.00	43.20 2.21 0.00	34.48 1.67 0.00	31.66 1.37 0.00	34.07 1.35 0.00	32.48 1.13 0.00	25.86 0.82 0.00	23.33 0.81 0.00	30.84 1.28 0.00	33.25 1.59 0.00	37.92 1.90 0.00	65.69 3.42 0.00	52.98 2.65 0.00	45.34 2.31 0.00	32.40 1.63 0.00	34.93 1.71 0.00	36.90 1.79 0.00
LWR___OSWEGATCHIE_HYD 23850	34.16 -0.65 0.00	30.90 -0.70 0.00	26.50 -0.73 0.00	27.38 -0.75 0.00	30.02 -0.72 0.00	33.31 -0.60 0.00	38.67 -0.71 0.00	40.86 -0.84 0.00	39.83 -1.16 0.00	31.57 -1.24 0.00	28.83 -1.46 0.00	31.03 -1.68 0.00	29.75 -1.60 0.00	24.15 -1.27 -0.37	21.33 -1.19 0.00	28.14 -1.42 0.00	30.34 -1.32 0.00	34.94 -1.08 0.00	60.62 -1.65 0.00	50.10 -1.35 -1.13	46.13 -1.18 -4.28	34.26 -0.89 -4.40	36.84 -0.98 -4.59	38.97 -0.91 -4.77
LYONS_FALL_HYD 23570	34.38 -0.44 0.00	31.14 -0.47 0.00	26.80 -0.43 0.00	27.72 -0.41 0.00	30.36 -0.38 0.00	33.63 -0.28 0.00	39.04 -0.34 0.00	41.38 -0.32 0.00	40.37 -0.62 0.00	32.05 -0.77 0.00	29.26 -1.03 0.00	31.50 -1.21 0.00	30.17 -1.18 0.00	24.26 -0.89 -0.11	21.67 -0.85 0.00	28.58 -0.98 0.00	30.81 -0.85 0.00	35.41 -0.61 0.00	61.40 -0.87 0.00	50.13 -0.52 -0.33	43.78 -0.48 -1.23	31.64 -0.39 -1.27	34.05 -0.49 -1.33	36.07 -0.42 -1.37
MADISON___COUNTY_LFGE 323628	35.00 0.19 0.00	31.77 0.17 0.00	27.37 0.14 0.00	28.31 0.17 0.00	30.91 0.17 0.00	34.15 0.25 0.00	39.72 0.34 0.00	42.10 0.40 0.00	41.22 0.22 0.00	32.75 -0.07 0.00	30.07 -0.22 0.00	32.46 -0.25 0.00	31.10 -0.25 0.00	24.90 -0.14 0.00	22.36 -0.16 0.00	29.40 -0.15 0.00	31.64 -0.03 0.00	36.17 0.15 0.00	62.65 0.38 0.00	50.86 0.53 0.00	43.47 0.44 0.00	31.04 0.28 0.00	33.47 0.25 0.00	35.33 0.22 0.00
MALONE___115KV_TB1 356076	35.22 0.41 0.00	31.77 0.16 0.00	27.17 -0.06 0.00	28.00 -0.14 0.00	30.75 0.02 0.00	34.20 0.29 0.00	39.88 0.50 0.00	41.81 0.11 0.00	41.00 0.01 0.00	32.86 0.05 0.00	30.27 -0.02 0.00	32.50 -0.21 0.00	31.03 -0.32 0.00	27.08 -0.42 -2.46	22.23 -0.29 0.00	29.23 -0.33 0.00	31.49 -0.17 0.00	36.20 0.18 0.00	62.86 0.60 0.00	56.94 -0.49 -7.11	69.47 -0.47 -26.91	58.06 -0.36 -27.66	61.80 -0.33 -28.90	64.79 -0.34 -30.01
MAPLEWOD_115KV_TB3 80458	36.08 1.27 0.00	32.76 1.15 0.00	28.29 1.05 0.00	29.26 1.12 0.00	31.95 1.21 0.00	35.17 1.27 0.00	40.78 1.40 0.00	43.33 1.62 0.00	42.62 1.63 0.00	34.18 1.37 0.00	31.53 1.24 0.00	33.95 1.24 0.00	32.39 1.04 0.00	25.81 0.77 0.00	23.21 0.69 0.00	30.59 1.03 0.00	32.88 1.22 0.00	37.46 1.44 0.00	64.73 2.46 0.00	52.36 2.04 0.00	44.79 1.76 0.00	32.05 1.29 0.00	34.50 1.28 0.00	36.49 1.38 0.00
MAPLE_RIDGE_WT_1 323574	33.89 -0.93 0.00	30.77 -0.83 0.00	26.50 -0.73 0.00	27.36 -0.77 0.00	29.97 -0.76 0.00	33.09 -0.82 0.00	38.43 -0.95 0.00	40.66 -1.04 0.00	39.98 -1.01 0.00	32.01 -0.81 0.00	29.55 -0.74 0.00	31.92 -0.80 0.00	30.57 -0.78 0.00	24.42 -0.63 0.00	21.95 -0.57 0.00	28.81 -0.74 0.00	30.92 -0.74 0.00	35.08 -0.94 0.00	60.82 -1.45 0.00	49.01 -1.32 0.00	41.87 -1.16 0.00	29.94 -0.83 0.00	32.33 -0.89 0.00	34.20 -0.91 0.00
MAPLE_RIDGE_WT_2 323611	33.89 -0.93 0.00	30.77 -0.83 0.00	26.50 -0.73 0.00	27.36 -0.77 0.00	29.97 -0.76 0.00	33.09 -0.82 0.00	38.43 -0.95 0.00	40.66 -1.04 0.00	39.98 -1.01 0.00	32.01 -0.81 0.00	29.55 -0.74 0.00	31.92 -0.80 0.00	30.57 -0.78 0.00	24.42 -0.63 0.00	21.95 -0.57 0.00	28.81 -0.74 0.00	30.92 -0.74 0.00	35.08 -0.94 0.00	60.82 -1.45 0.00	49.01 -1.32 0.00	41.87 -1.16 0.00	29.94 -0.83 0.00	32.33 -0.89 0.00	34.20 -0.91 0.00
MARBLE_RIVER_WT_PWR 323696	34.90 0.09 0.00	31.20 -0.41 0.00	26.44 -0.79 0.00	27.24 -0.90 0.00	30.12 -0.62 0.00	33.71 -0.20 0.00	39.39 0.01 0.00	41.01 -0.70 0.00	40.29 -0.70 0.00	32.73 -0.09 0.00	30.13 -0.17 0.00	32.16 -0.55 0.00	30.49 -0.85 0.00	20.11 -1.14 3.79	21.74 -0.78 0.00	28.80 -0.76 0.00	31.13 -0.53 0.00	35.98 -0.04 0.00	62.34 0.07 0.00	37.35 -2.15 10.83	0.16 -1.87 41.00	-12.81 -1.44 42.14	-12.40 -1.58 44.04	-12.22 -1.60 45.73
MARSHVLE_115KV_TB1 80742	35.89 1.07 0.00	32.58 0.97 0.00	28.00 0.77 0.00	28.86 0.73 0.00	31.56 0.82 0.00	34.89 0.98 0.00	40.57 1.19 0.00	42.88 1.18 0.00	41.65 0.66 0.00	32.90 0.08 0.00	30.27 -0.02 0.00	32.65 -0.07 0.00	31.37 0.03 0.00	25.14 0.10 0.00	22.72 0.20 0.00	29.94 0.38 0.00	31.93 0.27 0.00	36.52 0.50 0.00	63.70 1.44 0.00	51.93 1.61 0.00	44.40 1.36 0.00	31.68 0.92 0.00	34.15 0.93 0.00	36.11 0.99 0.00
MARSH_HILL_WT_PWR 323713	5.69 -4.14 24.98	52.89 -3.56 -24.84	48.94 -3.13 -24.84	51.29 -3.21 -26.36	55.25 -3.44 -27.95	59.73 -4.02 -29.84	68.13 -4.64 -33.38	56.96 -5.11 -20.37	22.44 -5.22 13.33	56.06 -4.28 -27.52	53.77 -3.93 -27.41	57.20 -4.27 -28.76	51.90 -4.00 -24.54	46.05 -2.89 -23.90	41.37 -2.76 -21.61	50.37 -3.73 -24.54	56.56 -3.62 -28.52	61.31 -4.59 -29.87	98.57 -7.31 -43.61	84.58 -5.61 -39.87	73.24 -4.88 -35.09	54.77 -3.72 -27.73	56.44 -3.79 -27.01	60.39 -4.07 -29.35
MCINTYRE_115KV_TB2 80467	35.96 1.14 0.00	32.54 0.93 0.00	27.86 0.63 0.00	28.73 0.59 0.00	31.46 0.71 0.00	34.86 0.95 0.00	40.63 1.25 0.00	42.83 1.13 0.00	41.80 0.81 0.00	33.06 0.24 0.00	30.34 0.04 0.00	32.73 0.02 0.00	31.43 0.08 0.00	25.50 0.04 -0.43	22.62 0.10 0.00	29.73 0.17 0.00	31.99 0.33 0.00	36.77 0.75 0.00	63.79 1.53 0.00	52.82 1.18 -1.32	49.02 1.00 -4.99	36.57 0.68 -5.13	39.40 0.81 -5.36	41.57 0.89 -5.57
MECO_____69_KV_BK1 80468	36.51 1.70 0.00	33.15 1.54 0.00	28.54 1.30 0.00	29.43 1.30 0.00	32.17 1.43 0.00	35.55 1.64 0.00	41.34 1.96 0.00	43.83 2.13 0.00	42.58 1.59 0.00	33.58 0.77 0.00	30.76 0.47 0.00	33.03 0.32 0.00	31.47 0.12 0.00	25.11 0.07 0.00	22.80 0.28 0.00	30.01 0.45 0.00	32.27 0.61 0.00	36.94 0.92 0.00	64.98 2.71 0.00	53.08 2.76 0.00	45.39 2.36 0.00	32.39 1.63 0.00	34.89 1.67 0.00	36.82 1.71 0.00
MENANDS___115KV_TB5 355628	36.02 1.21 0.00	32.71 1.10 0.00	28.24 1.01 0.00	29.22 1.08 0.00	31.90 1.16 0.00	35.12 1.21 0.00	40.71 1.33 0.00	43.25 1.55 0.00	42.54 1.55 0.00	34.14 1.32 0.00	31.50 1.20 0.00	33.93 1.22 0.00	32.39 1.05 0.00	25.82 0.78 0.00	23.21 0.69 0.00	30.57 1.01 0.00	32.84 1.18 0.00	37.42 1.40 0.00	64.60 2.34 0.00	52.25 1.92 0.00	44.67 1.64 0.00	31.99 1.22 0.00	34.43 1.21 0.00	36.42 1.31 0.00
MG INDUSTRY___DRP 24185	35.95 1.13 0.00	32.65 1.04 0.00	28.18 0.95 0.00	29.15 1.02 0.00	31.83 1.09 0.00	35.06 1.15 0.00	40.68 1.30 0.00	43.17 1.46 0.00	42.44 1.45 0.00	34.01 1.19 0.00	31.34 1.05 0.00	33.73 1.02 0.00	32.19 0.84 0.00	25.64 0.60 0.00	23.07 0.55 0.00	30.39 0.84 0.00	32.65 0.99 0.00	37.25 1.24 0.00	64.43 2.16 0.00	52.13 1.81 0.00	44.58 1.55 0.00	31.90 1.13 0.00	34.37 1.15 0.00	36.33 1.22 0.00

MID___OSWEGATCHIE_HYD 23849	34.16 -0.65 0.00	30.90 -0.70 0.00	26.50 -0.73 0.00	27.38 -0.75 0.00	30.02 -0.72 0.00	33.31 -0.60 0.00	38.67 -0.71 0.00	40.86 -0.84 0.00	39.83 -1.16 0.00	31.57 -1.24 0.00	28.83 -1.46 0.00	31.03 -1.68 0.00	29.75 -1.60 0.00	24.15 -1.27 -0.37	21.33 -1.19 0.00	28.14 -1.42 0.00	30.34 -1.32 0.00	34.94 -1.08 0.00	60.62 -1.65 0.00	50.10 -1.35 -1.13	46.13 -1.18 -4.28	34.26 -0.89 -4.40	36.84 -0.98 -4.59	38.97 -0.91 -4.77
MID___RAQUETTE_HYD 23851	34.96 0.15 0.00	31.62 0.01 0.00	27.07 -0.16 0.00	27.93 -0.21 0.00	30.60 -0.14 0.00	33.92 0.01 0.00	39.48 0.09 0.00	41.61 -0.09 0.00	40.69 -0.30 0.00	32.39 -0.42 0.00	29.77 -0.52 0.00	32.09 -0.62 0.00	30.77 -0.58 0.00	25.09 -0.50 -0.55	22.11 -0.41 0.00	29.06 -0.50 0.00	31.23 -0.43 0.00	35.81 -0.21 0.00	62.08 -0.18 0.00	51.55 -0.43 -1.66	48.95 -0.37 -6.28	36.94 -0.28 -6.45	39.73 -0.23 -6.74	41.94 -0.18 -7.00
MILLIKEN___1 23584	81.31 -0.50 -47.00	32.98 -0.43 -1.81	28.65 -0.39 -1.81	29.73 -0.32 -1.92	32.38 -0.39 -2.03	35.65 -0.43 -2.17	41.36 -0.45 -2.43	57.19 -0.46 -15.95	83.61 -0.54 -43.16	35.75 -0.74 -3.68	31.47 -0.81 -1.99	33.99 -0.81 -2.09	32.43 -0.71 -1.79	26.20 -0.58 -1.74	23.59 -0.50 -1.57	30.70 -0.65 -1.79	33.27 -0.47 -2.08	37.60 -0.59 -2.17	64.67 -0.77 -3.17	52.85 -0.37 -2.90	45.29 -0.30 -2.55	32.51 -0.27 -2.02	34.92 -0.27 -1.97	36.87 -0.38 -2.14
MILLIKEN___2 23585	81.31 -0.50 -47.00	32.98 -0.43 -1.81	28.65 -0.39 -1.81	29.73 -0.32 -1.92	32.38 -0.39 -2.03	35.65 -0.43 -2.17	41.36 -0.45 -2.43	57.19 -0.46 -15.95	83.61 -0.54 -43.16	35.75 -0.74 -3.68	31.47 -0.81 -1.99	33.99 -0.81 -2.09	32.43 -0.71 -1.79	26.20 -0.58 -1.74	23.59 -0.50 -1.57	30.70 -0.65 -1.79	33.27 -0.47 -2.08	37.60 -0.59 -2.17	64.67 -0.77 -3.17	52.85 -0.37 -2.90	45.29 -0.30 -2.55	32.51 -0.27 -2.02	34.92 -0.27 -1.97	36.87 -0.38 -2.14
MILLIKEN___DIESEL 23629	81.31 -0.50 -47.00	32.98 -0.43 -1.81	28.65 -0.39 -1.81	29.73 -0.32 -1.92	32.38 -0.39 -2.03	35.65 -0.43 -2.17	41.36 -0.45 -2.43	57.19 -0.46 -15.95	83.61 -0.54 -43.16	35.75 -0.74 -3.68	31.47 -0.81 -1.99	33.99 -0.81 -2.09	32.43 -0.71 -1.79	26.20 -0.58 -1.74	23.59 -0.50 -1.57	30.70 -0.65 -1.79	33.27 -0.47 -2.08	37.60 -0.59 -2.17	64.67 -0.77 -3.17	52.85 -0.37 -2.90	45.29 -0.30 -2.55	32.51 -0.27 -2.02	34.92 -0.27 -1.97	36.87 -0.38 -2.14
MILLSEAT___LFGE 323607	17.37 -2.76 14.68	24.05 -2.63 4.94	19.89 -2.40 4.93	20.47 -2.43 5.24	22.42 -2.77 5.55	24.98 -3.00 5.93	29.36 -3.39 6.63	27.87 -3.96 9.86	22.03 -3.85 15.11	23.10 -3.58 6.14	21.77 -3.08 5.44	23.91 -3.09 5.71	23.79 -2.68 4.87	18.35 -1.95 4.75	16.41 -1.82 4.29	22.23 -2.46 4.87	23.12 -2.88 5.66	26.79 -3.30 5.93	48.29 -5.31 8.66	38.14 -4.27 7.92	32.46 -3.60 6.97	22.61 -2.65 5.51	25.54 -2.32 5.36	26.65 -2.63 5.83
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.15 1.34 0.00	32.85 1.25 0.00	28.43 1.20 0.00	29.31 1.17 0.00	31.99 1.25 0.00	35.17 1.26 0.00	40.81 1.43 0.00	43.40 1.70 0.00	42.83 1.84 0.00	34.59 1.78 0.00	32.01 1.72 0.00	34.54 1.83 0.00	33.10 1.75 0.00	26.50 1.46 0.00	23.81 1.29 0.00	31.20 1.64 0.00	33.33 1.66 0.00	37.87 1.85 0.00	65.22 2.96 0.00	52.95 2.63 0.00	45.20 2.16 0.00	32.30 1.53 0.00	34.73 1.51 0.00	36.56 1.44 0.00
MILLWOOD_13_KV_LOAD 356217	36.19 1.37 0.00	32.89 1.28 0.00	28.46 1.23 0.00	29.34 1.20 0.00	32.02 1.28 0.00	35.21 1.31 0.00	40.85 1.47 0.00	43.45 1.75 0.00	42.88 1.89 0.00	34.63 1.81 0.00	32.05 1.76 0.00	34.59 1.87 0.00	33.14 1.79 0.00	26.53 1.49 0.00	23.84 1.33 0.00	31.24 1.68 0.00	33.37 1.71 0.00	37.91 1.89 0.00	65.31 3.05 0.00	53.02 2.69 0.00	45.26 2.23 0.00	32.33 1.56 0.00	34.77 1.55 0.00	36.59 1.48 0.00
MODEL_CITY_ENERGY 24167	14.73 -3.75 16.33	22.16 -3.60 5.85	18.13 -3.24 5.85	18.62 -3.31 6.21	20.42 -3.74 6.58	22.78 -4.10 7.03	26.81 -4.71 7.86	24.87 -5.45 11.38	18.87 -5.18 16.94	20.95 -4.62 7.25	19.74 -4.09 6.46	21.86 -4.08 6.78	21.90 -3.67 5.78	16.61 -2.80 5.63	14.90 -2.53 5.09	20.42 -3.35 5.78	21.09 -3.85 6.72	24.59 -4.39 7.04	44.50 -7.49 10.27	34.81 -6.12 9.39	29.60 -5.16 8.26	20.55 -3.69 6.53	23.52 -3.34 6.37	24.54 -3.65 6.92
MODERN_LFGE___ 323580	14.73 -3.75 16.33	22.16 -3.60 5.85	18.13 -3.24 5.85	18.62 -3.31 6.21	20.42 -3.74 6.58	22.78 -4.10 7.03	26.81 -4.71 7.86	24.87 -5.45 11.38	18.87 -5.18 16.94	20.95 -4.62 7.25	19.74 -4.09 6.46	21.86 -4.08 6.78	21.90 -3.67 5.78	16.61 -2.80 5.63	14.90 -2.53 5.09	20.42 -3.35 5.78	21.09 -3.85 6.72	24.59 -4.39 7.04	44.50 -7.49 10.27	34.81 -6.12 9.39	29.60 -5.16 8.26	20.55 -3.69 6.53	23.52 -3.34 6.37	24.54 -3.65 6.92
MOHAWK_PAPER___DRP 24187	36.08 1.27 0.00	32.76 1.15 0.00	28.29 1.05 0.00	29.26 1.12 0.00	31.95 1.21 0.00	35.17 1.27 0.00	40.78 1.40 0.00	43.33 1.62 0.00	42.62 1.63 0.00	34.18 1.37 0.00	31.53 1.24 0.00	33.95 1.24 0.00	32.39 1.04 0.00	25.81 0.77 0.00	23.21 0.69 0.00	30.59 1.03 0.00	32.88 1.22 0.00	37.46 1.44 0.00	64.73 2.46 0.00	52.36 2.04 0.00	44.79 1.76 0.00	32.05 1.29 0.00	34.50 1.28 0.00	36.49 1.38 0.00
MOHICAN___35_KV_115KV_LD 80490	37.07 2.26 0.00	33.65 2.04 0.00	29.03 1.80 0.00	30.04 1.90 0.00	32.85 2.11 0.00	36.29 2.39 0.00	42.03 2.65 0.00	44.61 2.91 0.00	43.77 2.77 0.00	34.95 2.13 0.00	31.97 1.68 0.00	34.31 1.59 0.00	32.64 1.29 0.00	25.99 0.95 0.00	23.47 0.96 0.00	31.10 1.54 0.00	33.56 1.90 0.00	38.52 2.49 0.00	66.58 4.31 0.00	53.72 3.40 0.00	45.80 2.77 0.00	32.81 2.05 0.00	35.34 2.12 0.00	37.39 2.28 0.00
MONGAUP___HYD 23641	36.31 1.50 0.00	32.97 1.36 0.00	28.48 1.25 0.00	29.38 1.24 0.00	32.06 1.33 0.00	35.33 1.42 0.00	41.05 1.67 0.00	43.63 1.93 0.00	43.04 2.05 0.00	34.64 1.83 0.00	32.00 1.70 0.00	34.52 1.80 0.00	33.04 1.69 0.00	26.29 1.25 0.00	23.51 0.99 0.00	30.88 1.32 0.00	33.07 1.40 0.00	37.61 1.59 0.00	65.12 2.86 0.00	52.92 2.60 0.00	45.21 2.18 0.00	32.30 1.54 0.00	34.92 1.70 0.00	36.75 1.64 0.00
MONTAUK___DIESEL 23721	37.40 2.59 0.00	33.94 2.33 0.00	29.78 2.54 0.00	30.67 2.53 0.00	33.75 3.01 0.00	37.09 3.18 0.00	43.10 3.72 0.00	45.98 4.28 0.00	45.50 4.51 0.00	36.02 3.20 0.00	33.43 3.14 0.00	36.10 3.38 0.00	34.28 2.94 0.00	27.69 2.65 0.00	24.84 2.32 0.00	32.77 3.21 0.00	34.54 2.88 0.00	39.44 3.42 0.00	68.99 6.72 0.00	54.70 4.37 0.00	46.93 3.90 0.00	32.91 2.15 0.00	34.81 1.60 0.00	36.27 1.15 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	12.48 -3.93 18.40	25.91 -3.56 2.14	21.88 -3.21 2.14	22.66 -3.21 2.27	24.65 -3.67 2.41	27.34 -4.00 2.57	31.91 -4.59 2.88	28.44 -5.42 7.84	18.27 -5.28 17.43	25.46 -4.28 3.08	24.08 -3.85 2.36	26.47 -3.77 2.48	25.71 -3.52 2.12	20.16 -2.82 2.06	18.04 -2.62 1.86	24.18 -3.26 2.11	25.39 -3.81 2.46	29.13 -4.32 2.57	51.18 -7.33 3.76	41.44 -5.44 3.44	35.19 -4.81 3.02	24.69 -3.68 2.39	27.51 -3.38 2.33	28.44 -4.15 2.53

MORRIS_RIDGE___SOLAR 323848	-20.49 -3.81 51.49	-22.80 -3.34 51.07	-26.72 -2.89 51.06	-28.97 -2.91 54.19	-29.90 -3.18 57.46	-31.03 -3.59 61.35	-33.39 -4.14 68.63	-35.20 -4.55 72.35	-29.19 -4.61 65.58	-31.14 -3.85 60.11	-29.56 -3.51 56.34	-30.11 -3.69 59.13	-22.56 -3.45 50.46	-26.67 -2.58 49.13	-24.29 -2.39 44.42	-24.10 -3.21 50.45	-30.22 -3.26 58.63	-29.42 -4.02 61.42	-33.99 -6.60 89.66	-36.67 -5.03 81.96	-33.44 -4.34 72.14	-29.45 -3.21 57.01	-25.58 -3.28 55.52	-28.85 -3.61 60.35
MORTIMER_115KV_TB3 55949	23.46 -2.24 9.11	29.62 -1.99 0.00	25.41 -1.83 0.00	26.29 -1.85 0.00	28.66 -2.08 0.00	31.65 -2.26 0.00	36.80 -2.58 0.00	35.99 -3.02 2.70	29.78 -2.97 8.23	29.86 -2.64 0.31	27.96 -2.34 0.00	30.39 -2.32 0.00	29.31 -2.03 0.00	23.55 -1.49 0.00	21.17 -1.35 0.00	27.74 -1.82 0.00	29.53 -2.13 0.00	33.58 -2.44 0.00	58.24 -4.03 0.00	47.06 -3.26 0.00	40.29 -2.74 0.00	28.68 -2.08 0.00	31.32 -1.90 0.00	33.00 -2.11 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.45 1.64 0.00	33.15 1.54 0.00	28.69 1.46 0.00	29.56 1.42 0.00	32.25 1.51 0.00	35.43 1.52 0.00	41.08 1.71 0.00	43.72 2.01 0.00	43.21 2.21 0.00	34.97 2.15 0.00	32.37 2.08 0.00	34.89 2.17 0.00	33.39 2.04 0.00	26.76 1.72 0.00	24.06 1.54 0.00	31.51 1.95 0.00	33.62 1.96 0.00	38.17 2.15 0.00	65.68 3.42 0.00	53.36 3.04 0.00	45.54 2.51 0.00	32.54 1.78 0.00	35.00 1.78 0.00	36.85 1.74 0.00
MUNSVILLE_WIND_PWR 323609	58.44 -0.13 -23.76	32.75 -0.19 -1.34	28.42 -0.15 -1.34	29.45 -0.11 -1.42	32.07 -0.17 -1.51	35.38 -0.13 -1.61	41.24 0.06 -1.80	50.30 0.06 -8.54	62.80 -0.17 -21.97	34.44 -0.72 -2.35	30.78 -0.99 -1.48	33.37 -0.89 -1.55	31.98 -0.69 -1.32	25.88 -0.44 -1.29	23.33 -0.35 -1.16	30.23 -0.65 -1.32	32.74 -0.46 -1.54	37.23 -0.39 -1.61	64.19 -0.43 -2.35	52.86 0.39 -2.15	45.29 0.36 -1.89	32.34 0.08 -1.50	34.72 0.05 -1.46	36.57 -0.12 -1.58
N SALMON___HYD 24042	35.22 0.41 0.00	31.77 0.16 0.00	27.17 -0.07 0.00	28.00 -0.14 0.00	30.75 0.02 0.00	34.20 0.29 0.00	39.88 0.50 0.00	41.81 0.11 0.00	41.01 0.01 0.00	32.86 0.04 0.00	30.26 -0.03 0.00	32.50 -0.21 0.00	31.03 -0.32 0.00	27.07 -0.43 -2.46	22.23 -0.29 0.00	29.23 -0.33 0.00	31.49 -0.17 0.00	36.19 0.18 0.00	62.86 0.60 0.00	56.94 -0.49 -7.11	69.46 -0.48 -26.91	58.06 -0.37 -27.66	61.79 -0.34 -28.90	64.78 -0.34 -30.01
N.AKRON__115KV_KNAPP 355671	16.83 -2.82 15.16	23.59 -2.72 5.30	19.43 -2.51 5.30	19.97 -2.54 5.62	21.90 -2.88 5.96	24.42 -3.12 6.37	28.71 -3.54 7.12	27.16 -4.13 10.42	21.43 -3.88 15.68	22.54 -3.70 6.58	21.20 -3.25 5.85	23.33 -3.24 6.14	23.31 -2.80 5.24	17.88 -2.06 5.10	16.01 -1.91 4.61	21.72 -2.60 5.24	22.54 -3.04 6.09	26.22 -3.43 6.37	47.41 -5.55 9.31	37.27 -4.55 8.51	31.73 -3.81 7.49	22.06 -2.79 5.92	25.01 -2.44 5.76	26.07 -2.78 6.26
N.BELMOR_69_KV_BK1 55787	36.61 1.79 0.00	33.26 1.65 0.00	28.86 1.63 0.00	29.72 1.58 0.00	32.45 1.72 0.00	35.66 1.75 0.00	41.40 2.02 0.00	44.07 2.37 0.00	43.60 2.61 0.00	35.15 2.33 0.00	32.68 2.39 0.00	35.26 2.55 0.00	33.67 2.33 0.00	27.06 2.02 0.00	24.34 1.82 0.00	31.87 2.32 0.00	33.96 2.30 0.00	38.53 2.51 0.00	66.46 4.19 0.00	53.78 3.45 0.00	46.01 2.98 0.00	32.85 2.08 0.00	35.38 2.16 0.00	37.13 2.02 0.00
N.E_GEN_SANDY PD 24062	36.14 1.28 -0.05	32.77 1.17 0.00	28.33 1.10 0.00	29.30 1.16 0.00	31.98 1.25 0.00	35.20 1.29 0.00	40.79 1.42 0.00	43.35 1.65 0.00	42.70 1.72 0.00	34.30 1.49 0.00	31.28 1.34 0.36	33.91 1.40 0.19	32.56 1.21 0.00	27.11 0.91 -1.16	22.26 0.79 1.04	30.70 1.14 0.00	32.96 1.29 0.00	37.55 1.53 0.00	64.77 2.51 0.00	52.40 2.08 0.00	43.75 1.76 1.04	33.07 1.31 -1.00	34.51 1.29 0.00	36.51 1.40 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.03 1.22 0.00	32.75 1.14 0.00	28.33 1.10 0.00	29.21 1.08 0.00	31.88 1.14 0.00	35.07 1.16 0.00	40.72 1.34 0.00	43.29 1.58 0.00	42.69 1.70 0.00	34.46 1.65 0.00	31.90 1.61 0.00	34.43 1.72 0.00	33.00 1.66 0.00	26.41 1.37 0.00	23.74 1.22 0.00	31.10 1.54 0.00	33.22 1.56 0.00	37.76 1.74 0.00	65.04 2.78 0.00	52.81 2.49 0.00	45.07 2.04 0.00	32.18 1.41 0.00	34.62 1.40 0.00	36.43 1.32 0.00
N.QUEENS_27_KV_LOAD 356247	36.44 1.63 0.00	33.19 1.58 0.00	28.71 1.47 0.00	29.58 1.44 0.00	32.26 1.53 0.00	35.40 1.49 0.00	41.03 1.65 0.00	43.72 2.02 0.00	43.20 2.21 0.00	34.96 2.15 0.00	32.35 2.06 0.00	34.83 2.12 0.00	33.41 2.07 0.00	26.81 1.77 0.00	24.10 1.58 0.00	31.51 1.95 0.00	33.64 1.98 0.00	38.07 2.05 0.00	65.54 3.27 0.00	53.31 2.99 0.00	45.54 2.51 0.00	32.54 1.78 0.00	35.05 1.83 0.00	36.93 1.82 0.00
N.TROY___115KV_TB1 355778	36.06 1.24 0.00	32.72 1.12 0.00	28.25 1.02 0.00	29.24 1.10 0.00	31.93 1.19 0.00	35.17 1.26 0.00	40.79 1.41 0.00	43.32 1.62 0.00	42.60 1.61 0.00	34.09 1.28 0.00	31.39 1.10 0.00	33.81 1.09 0.00	32.24 0.89 0.00	25.67 0.63 0.00	23.09 0.57 0.00	30.48 0.92 0.00	32.80 1.14 0.00	37.41 1.39 0.00	64.63 2.37 0.00	52.22 1.90 0.00	44.66 1.63 0.00	31.97 1.20 0.00	34.43 1.21 0.00	36.45 1.34 0.00
NARROWS_GT1_1 24228	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05
NARROWS_GT1_2 24229	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05
NARROWS_GT1_3 24230	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05
NARROWS_GT1_4 24231	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05

NARROWS_GT1_5 24232	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05
NARROWS_GT1_6 24233	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05
NARROWS_GT1_7 24234	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05
NARROWS_GT1_8 24235	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05
NARROWS_GT2_1 24236	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05
NARROWS_GT2_2 24237	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05
NARROWS_GT2_3 24238	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05
NARROWS_GT2_4 24239	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05
NARROWS_GT2_5 24240	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05
NARROWS_GT2_6 24241	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05
NARROWS_GT2_7 24242	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05
NARROWS_GT2_8 24243	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.68 1.87 0.00	33.29 1.69 0.00	28.73 1.50 0.00	29.71 1.58 0.00	32.47 1.73 0.00	35.78 1.88 0.00	41.55 2.18 0.00	44.19 2.49 0.00	43.51 2.52 0.00	34.85 2.03 0.00	32.05 1.76 0.00	34.41 1.69 0.00	32.72 1.37 0.00	25.97 0.93 0.00	23.34 0.83 0.00	30.77 1.21 0.00	33.26 1.59 0.00	37.97 1.95 0.00	65.99 3.72 0.00	53.51 3.19 0.00	45.73 2.69 0.00	32.68 1.92 0.00	35.17 1.95 0.00	37.14 2.02 0.00
NCHELSEA_115KV_TR2 355582	36.37 1.56 0.00	33.06 1.45 0.00	28.59 1.36 0.00	29.48 1.35 0.00	32.18 1.44 0.00	35.41 1.50 0.00	41.10 1.72 0.00	43.71 2.00 0.00	43.13 2.14 0.00	34.80 1.98 0.00	32.20 1.91 0.00	34.74 2.03 0.00	33.29 1.94 0.00	26.62 1.58 0.00	23.92 1.40 0.00	31.36 1.80 0.00	33.51 1.85 0.00	38.11 2.10 0.00	65.76 3.49 0.00	53.34 3.02 0.00	45.54 2.50 0.00	32.53 1.76 0.00	34.98 1.76 0.00	36.82 1.70 0.00
NEG CAPITAL___MECHNVIL 23645	36.55 1.73 0.00	33.17 1.56 0.00	28.63 1.40 0.00	29.62 1.48 0.00	32.35 1.62 0.00	35.68 1.78 0.00	41.42 2.04 0.00	43.97 2.27 0.00	43.20 2.21 0.00	34.51 1.69 0.00	31.73 1.44 0.00	34.13 1.41 0.00	32.50 1.15 0.00	25.90 0.86 0.00	23.35 0.83 0.00	30.86 1.30 0.00	33.23 1.57 0.00	37.96 1.94 0.00	65.68 3.41 0.00	53.05 2.72 0.00	45.35 2.32 0.00	32.44 1.67 0.00	34.93 1.72 0.00	36.93 1.82 0.00

NEG CENTRAL_HIGH_ACRES 23767	25.79 -2.48 6.54	29.40 -2.20 0.00	25.26 -1.97 0.00	26.14 -1.99 0.00	28.52 -2.22 0.00	31.49 -2.41 0.00	36.62 -2.76 0.00	36.66 -3.10 1.94	31.93 -3.14 5.92	29.85 -2.74 0.22	27.85 -2.44 0.00	30.25 -2.46 0.00	29.11 -2.23 0.00	23.34 -1.70 0.00	21.03 -1.49 0.00	27.57 -1.99 0.00	29.41 -2.25 0.00	33.43 -2.59 0.00	57.98 -4.29 0.00	46.87 -3.46 0.00	40.09 -2.95 0.00	28.56 -2.21 0.00	31.08 -2.14 0.00	32.77 -2.34 0.00
NEG CENTRAL___DRP 24199	24.58 -1.34 8.89	32.72 -1.16 -2.26	28.47 -1.03 -2.27	29.56 -0.98 -2.40	32.17 -1.11 -2.55	35.40 -1.23 -2.72	41.03 -1.40 -3.04	40.10 -1.50 0.10	32.23 -1.56 7.20	33.62 -1.48 -2.28	31.38 -1.41 -2.50	33.90 -1.44 -2.62	32.27 -1.32 -2.24	26.19 -1.03 -2.18	23.66 -0.83 -1.97	30.68 -1.12 -2.24	33.16 -1.11 -2.60	37.33 -1.41 -2.72	64.02 -2.23 -3.98	52.30 -1.66 -3.64	44.83 -1.41 -3.20	32.25 -1.05 -2.53	34.65 -1.04 -2.46	36.61 -1.18 -2.68
NEG CENTRAL___INDECK 23768	22.39 -2.13 10.29	54.69 -1.85 -24.94	50.50 -1.67 -24.93	52.93 -1.67 -26.46	56.96 -1.83 -28.06	61.83 -2.03 -29.96	70.66 -2.23 -33.51	64.00 -2.53 -24.83	38.25 -2.73 0.01	58.15 -2.80 -28.14	55.46 -2.34 -27.52	59.07 -2.52 -28.88	53.79 -2.20 -24.64	47.68 -1.36 -23.99	42.81 -1.40 -21.69	52.20 -1.99 -24.64	58.10 -2.20 -28.63	63.34 -2.67 -29.99	102.42 -3.63 -43.78	87.79 -2.56 -40.02	76.11 -2.15 -35.23	56.87 -1.74 -27.84	58.71 -1.63 -27.11	62.70 -1.89 -29.47
NEG CENTRAL___SENECA 23627	16.05 -1.63 17.13	33.85 -1.39 -3.64	29.64 -1.23 -3.64	30.80 -1.20 -3.86	33.50 -1.34 -4.09	36.81 -1.46 -4.37	42.59 -1.68 -4.89	38.85 -1.84 1.01	24.94 -1.91 14.13	34.59 -1.79 -3.57	32.60 -1.71 -4.01	35.21 -1.71 -4.21	33.34 -1.61 -3.59	27.33 -1.22 -3.50	24.71 -0.97 -3.17	31.83 -1.32 -3.60	34.53 -1.31 -4.18	38.71 -1.68 -4.37	65.99 -2.66 -6.39	54.18 -1.99 -5.84	46.50 -1.67 -5.14	33.58 -1.25 -4.06	35.96 -1.22 -3.96	37.99 -1.42 -4.30
NEG CENTRAL___STATE_STREET 24147	39.42 -0.76 -5.36	30.91 -0.70 0.00	26.60 -0.63 0.00	27.62 -0.51 0.00	30.07 -0.67 0.00	33.18 -0.73 0.00	38.56 -0.82 0.00	42.50 -0.79 -1.59	45.00 -0.84 -4.85	32.08 -0.91 -0.18	29.39 -0.91 0.00	31.73 -0.99 0.00	30.54 -0.81 0.00	24.34 -0.70 0.00	21.94 -0.58 0.00	28.84 -0.71 0.00	31.02 -0.64 0.00	35.22 -0.80 0.00	61.05 -1.21 0.00	49.44 -0.89 0.00	42.30 -0.73 0.00	30.21 -0.55 0.00	32.67 -0.55 0.00	34.47 -0.65 0.00
NEG MILLWOOD___DRP 24198	36.48 1.67 0.00	33.15 1.55 0.00	28.68 1.45 0.00	29.58 1.44 0.00	32.28 1.54 0.00	35.51 1.60 0.00	41.23 1.85 0.00	43.85 2.15 0.00	43.28 2.30 0.00	34.95 2.14 0.00	32.35 2.06 0.00	34.91 2.20 0.00	33.45 2.10 0.00	26.77 1.73 0.00	24.05 1.53 0.00	31.51 1.95 0.00	33.67 2.01 0.00	38.28 2.27 0.00	66.01 3.74 0.00	53.58 3.26 0.00	45.72 2.69 0.00	32.66 1.89 0.00	35.10 1.88 0.00	36.94 1.83 0.00
NEG NORTH_FLCN_SEA 23793	35.30 0.48 0.00	31.68 0.08 0.00	26.95 -0.29 0.00	27.75 -0.38 0.00	30.59 -0.14 0.00	34.11 0.21 0.00	39.78 0.40 0.00	41.54 -0.16 0.00	40.80 -0.19 0.00	33.05 0.23 0.00	30.42 0.13 0.00	32.52 -0.19 0.00	30.91 -0.44 0.00	20.56 -0.69 3.79	22.07 -0.45 0.00	29.22 -0.34 0.00	31.57 -0.09 0.00	36.33 0.31 0.00	63.00 0.73 0.00	38.34 -1.16 10.83	1.01 -1.01 41.01	-12.16 -0.78 42.15	-11.68 -0.85 44.05	-11.48 -0.85 45.74
NEG NORTH_KES_CHATEGAY 23792	34.99 0.18 0.00	31.55 -0.06 0.00	26.96 -0.27 0.00	27.78 -0.36 0.00	30.53 -0.21 0.00	33.96 0.05 0.00	39.61 0.23 0.00	41.41 -0.29 0.00	40.61 -0.38 0.00	32.65 -0.16 0.00	30.14 -0.15 0.00	32.34 -0.37 0.00	30.85 -0.50 0.00	20.42 -0.61 4.01	22.09 -0.43 0.00	29.06 -0.50 0.00	31.27 -0.39 0.00	35.97 -0.05 0.00	62.50 0.23 0.00	37.84 -1.04 11.44	-1.30 -1.02 43.31	-14.49 -0.74 44.52	-14.02 -0.72 46.52	-13.92 -0.73 48.31
NEG NORTH___ALICE_FALLS 23915	35.36 0.55 0.00	31.76 0.15 0.00	27.05 -0.18 0.00	27.86 -0.27 0.00	30.70 -0.04 0.00	34.21 0.30 0.00	39.90 0.52 0.00	41.67 -0.03 0.00	40.93 -0.06 0.00	33.05 0.23 0.00	30.43 0.13 0.00	32.55 -0.16 0.00	30.97 -0.38 0.00	20.59 -0.63 3.83	22.12 -0.40 0.00	29.24 -0.32 0.00	31.60 -0.06 0.00	36.38 0.37 0.00	63.14 0.87 0.00	38.47 -0.93 10.93	0.83 -0.82 41.37	-12.39 -0.63 42.52	-11.91 -0.69 44.44	-11.73 -0.70 46.14
NEG NORTH___LWR_SARANAC 23913	35.36 0.55 0.00	31.76 0.15 0.00	27.05 -0.18 0.00	27.86 -0.27 0.00	30.70 -0.04 0.00	34.21 0.30 0.00	39.90 0.52 0.00	41.67 -0.03 0.00	40.93 -0.06 0.00	33.05 0.23 0.00	30.43 0.13 0.00	32.55 -0.16 0.00	30.97 -0.38 0.00	20.59 -0.63 3.83	22.12 -0.40 0.00	29.24 -0.32 0.00	31.60 -0.06 0.00	36.38 0.37 0.00	63.14 0.87 0.00	38.47 -0.93 10.93	0.83 -0.82 41.37	-12.39 -0.63 42.52	-11.91 -0.69 44.44	-11.73 -0.70 46.14
NEG NORTH___PLATTSBURG 23628	35.36 0.55 0.00	31.76 0.15 0.00	27.05 -0.18 0.00	27.86 -0.27 0.00	30.70 -0.04 0.00	34.20 0.30 0.00	39.90 0.52 0.00	41.67 -0.03 0.00	40.92 -0.06 0.00	33.05 0.23 0.00	30.43 0.13 0.00	32.55 -0.16 0.00	30.97 -0.38 0.00	20.59 -0.63 3.83	22.12 -0.40 0.00	29.24 -0.32 0.00	31.60 -0.06 0.00	36.38 0.37 0.00	63.14 0.87 0.00	38.47 -0.93 10.93	0.83 -0.83 41.37	-12.40 -0.64 42.52	-11.91 -0.69 44.44	-11.74 -0.71 46.14
NEG WEST_LEA_LOCKPORT 23791	14.10 -3.56 17.15	20.93 -3.38 7.30	16.86 -3.07 7.30	17.25 -3.14 7.75	18.99 -3.53 8.22	21.27 -3.87 8.77	25.13 -4.44 9.81	23.31 -5.15 13.24	17.91 -4.85 18.22	19.48 -4.40 8.93	18.29 -3.94 8.06	20.33 -3.93 8.45	20.65 -3.49 7.21	15.36 -2.65 7.02	13.77 -2.40 6.35	19.14 -3.21 7.21	19.59 -3.69 8.38	23.05 -4.19 8.78	42.39 -7.05 12.82	32.79 -5.81 11.72	27.82 -4.90 10.31	19.09 -3.53 8.15	22.09 -3.19 7.94	22.95 -3.53 8.63
NEG WEST___LANCASTER 23811	14.35 -2.38 18.08	25.99 -2.30 3.32	21.82 -2.10 3.31	22.53 -2.09 3.52	24.62 -2.39 3.73	27.32 -2.61 3.98	31.90 -3.03 4.46	29.14 -3.49 9.06	20.18 -3.23 17.58	25.32 -3.09 4.41	23.92 -2.72 3.66	26.28 -2.59 3.84	25.87 -2.21 3.28	20.17 -1.68 3.19	18.11 -1.53 2.88	24.21 -2.07 3.27	25.44 -2.42 3.80	29.21 -2.82 3.99	51.71 -4.73 5.82	41.07 -3.93 5.32	35.09 -3.26 4.68	24.61 -2.45 3.70	27.53 -2.09 3.60	28.76 -2.44 3.92
NEG_PENN_ALLEGHNY 23528	26.42 -1.01 7.38	30.79 -0.82 0.00	26.54 -0.69 0.00	27.47 -0.66 0.00	30.00 -0.74 0.00	33.08 -0.83 0.00	38.42 -0.96 0.00	38.39 -1.12 2.19	33.15 -1.17 6.67	31.57 -0.99 0.25	29.37 -0.92 0.00	31.86 -0.86 0.00	30.60 -0.75 0.00	24.48 -0.56 0.00	22.02 -0.50 0.00	28.85 -0.71 0.00	30.94 -0.72 0.00	35.09 -0.93 0.00	60.73 -1.53 0.00	49.25 -1.07 0.00	42.15 -0.89 0.00	30.07 -0.70 0.00	32.55 -0.67 0.00	34.29 -0.82 0.00
NEG___GEN_MONROE 24207	22.78 -2.13 9.91	28.41 -1.94 1.27	24.18 -1.79 1.27	24.99 -1.80 1.34	27.27 -2.04 1.43	30.18 -2.21 1.52	35.18 -2.50 1.70	34.42 -2.93 4.35	28.68 -2.88 9.43	28.35 -2.68 1.79	26.54 -2.36 1.40	28.90 -2.35 1.47	28.05 -2.04 1.25	22.36 -1.47 1.22	20.10 -1.32 1.10	26.51 -1.80 1.25	28.08 -2.13 1.45	32.02 -2.48 1.52	56.12 -3.92 2.22	45.16 -3.13 2.03	38.61 -2.63 1.79	27.35 -2.00 1.41	30.07 -1.78 1.38	31.59 -2.02 1.50

NEPA___ENERGY 23901	13.30 -3.23 18.28	25.59 -2.79 3.22	21.54 -2.47 3.22	22.31 -2.40 3.42	24.38 -2.74 3.63	27.02 -3.02 3.87	31.57 -3.48 4.33	28.57 -4.11 9.02	19.14 -4.13 17.73	25.18 -3.32 4.31	23.73 -3.01 3.56	26.11 -2.87 3.73	25.59 -2.57 3.18	19.92 -2.02 3.10	17.83 -1.89 2.80	23.92 -2.45 3.18	25.21 -2.75 3.70	28.87 -3.27 3.88	51.06 -5.55 5.66	40.89 -4.27 5.17	34.83 -3.65 4.55	24.37 -2.79 3.60	27.17 -2.54 3.50	28.24 -3.06 3.81
NEVERSink___HYD 23608	36.10 1.29 0.00	32.79 1.18 0.00	28.35 1.11 0.00	29.24 1.10 0.00	31.93 1.19 0.00	35.16 1.26 0.00	40.85 1.47 0.00	43.39 1.69 0.00	42.79 1.80 0.00	34.49 1.68 0.00	31.91 1.62 0.00	34.44 1.73 0.00	33.03 1.68 0.00	26.38 1.35 0.00	23.68 1.17 0.00	31.05 1.49 0.00	33.21 1.55 0.00	37.77 1.75 0.00	65.31 3.04 0.00	52.99 2.67 0.00	45.21 2.18 0.00	32.29 1.52 0.00	34.71 1.49 0.00	36.53 1.42 0.00
NEWKRMKL_115KV_TB1 55635	36.06 1.25 0.00	32.75 1.14 0.00	28.28 1.05 0.00	29.24 1.10 0.00	31.93 1.19 0.00	35.16 1.25 0.00	40.76 1.38 0.00	43.31 1.60 0.00	42.61 1.62 0.00	34.18 1.37 0.00	31.54 1.25 0.00	33.98 1.26 0.00	32.44 1.10 0.00	25.87 0.83 0.00	23.26 0.74 0.00	30.63 1.07 0.00	32.88 1.22 0.00	37.47 1.46 0.00	64.71 2.45 0.00	52.36 2.03 0.00	44.76 1.73 0.00	32.03 1.27 0.00	34.48 1.26 0.00	36.47 1.36 0.00
NEWTON___FALLS_HYD 23847	34.16 -0.65 0.00	30.90 -0.70 0.00	26.50 -0.73 0.00	27.38 -0.75 0.00	30.02 -0.72 0.00	33.31 -0.60 0.00	38.67 -0.71 0.00	40.86 -0.84 0.00	39.83 -1.16 0.00	31.57 -1.24 0.00	28.83 -1.46 0.00	31.03 -1.68 0.00	29.75 -1.60 0.00	24.15 -1.27 -0.37	21.33 -1.19 0.00	28.14 -1.42 0.00	30.34 -1.32 0.00	34.94 -1.08 0.00	60.62 -1.65 0.00	50.10 -1.35 -1.13	46.13 -1.18 -4.28	34.26 -0.89 -4.40	36.84 -0.98 -4.59	38.97 -0.91 -4.77
NGRID_A1_DSASP 323792	14.62 -3.88 16.31	22.24 -3.62 5.75	18.25 -3.23 5.75	18.74 -3.30 6.10	20.49 -3.79 6.47	23.02 -3.99 6.90	27.13 -4.53 7.72	25.15 -5.30 11.25	18.93 -5.17 16.89	21.23 -4.46 7.12	20.01 -3.95 6.33	22.15 -3.91 6.65	22.18 -3.50 5.67	16.84 -2.67 5.52	15.14 -2.38 4.99	20.74 -3.15 5.67	21.40 -3.67 6.59	24.93 -4.19 6.91	44.99 -7.20 10.08	35.18 -5.93 9.21	29.94 -4.98 8.11	20.65 -3.71 6.41	23.64 -3.34 6.24	24.69 -3.64 6.79
NGRID_A2_DSASP 323793	14.62 -3.88 16.31	22.24 -3.62 5.75	18.25 -3.23 5.75	18.74 -3.30 6.10	20.49 -3.79 6.47	23.02 -3.99 6.90	27.13 -4.53 7.72	25.15 -5.30 11.25	18.93 -5.17 16.89	21.23 -4.46 7.12	20.01 -3.95 6.33	22.15 -3.91 6.65	22.18 -3.50 5.67	16.84 -2.67 5.52	15.14 -2.38 4.99	20.74 -3.15 5.67	21.40 -3.67 6.59	24.93 -4.19 6.91	44.99 -7.20 10.08	35.18 -5.93 9.21	29.94 -4.98 8.11	20.65 -3.71 6.41	23.64 -3.34 6.24	24.69 -3.64 6.79
NGRID_A4_DSASP 323807	14.62 -3.88 16.31	22.24 -3.62 5.75	18.25 -3.23 5.75	18.74 -3.30 6.10	20.49 -3.79 6.47	23.02 -3.99 6.90	27.13 -4.53 7.72	25.15 -5.30 11.25	18.93 -5.17 16.89	21.23 -4.46 7.12	20.01 -3.95 6.33	22.15 -3.91 6.65	22.18 -3.50 5.67	16.84 -2.67 5.52	15.14 -2.38 4.99	20.74 -3.15 5.67	21.40 -3.67 6.59	24.93 -4.19 6.91	44.99 -7.20 10.08	35.18 -5.93 9.21	29.94 -4.98 8.11	20.65 -3.71 6.41	23.64 -3.34 6.24	24.69 -3.64 6.79
NIAGARA_115E_LBMP 323715	14.53 -3.89 16.39	22.13 -3.76 5.73	18.12 -3.38 5.73	18.61 -3.45 6.08	20.40 -3.90 6.44	22.75 -4.27 6.88	26.76 -4.93 7.70	24.75 -5.69 11.26	18.68 -5.36 16.95	20.91 -4.80 7.11	19.72 -4.26 6.32	21.83 -4.25 6.63	21.87 -3.82 5.66	16.60 -2.93 5.51	14.89 -2.64 4.98	20.40 -3.50 5.66	21.07 -4.02 6.58	24.55 -4.58 6.89	44.37 -7.84 10.05	34.71 -6.42 9.19	29.53 -5.41 8.09	20.54 -3.83 6.39	23.51 -3.48 6.23	24.55 -3.80 6.77
NIAGARA_115W_LBMP 323714	14.58 -3.93 16.30	22.16 -3.68 5.77	18.18 -3.28 5.77	18.66 -3.35 6.13	20.40 -3.84 6.49	22.92 -4.05 6.94	27.00 -4.61 7.77	25.03 -5.38 11.29	18.86 -5.25 16.88	21.12 -4.53 7.16	19.91 -4.01 6.38	22.05 -3.98 6.69	22.07 -3.56 5.71	16.76 -2.72 5.56	15.06 -2.43 5.03	20.64 -3.21 5.71	21.29 -3.73 6.63	24.80 -4.26 6.95	44.77 -7.35 10.15	35.02 -6.03 9.27	29.79 -5.08 8.16	20.54 -3.77 6.45	23.53 -3.41 6.28	24.57 -3.71 6.83
NIAGARA_230_LBMP 323716	14.96 -3.70 16.15	22.27 -3.35 5.99	18.22 -3.02 5.99	18.71 -3.07 6.36	20.51 -3.49 6.74	22.90 -3.82 7.19	26.92 -4.41 8.05	25.06 -5.16 11.48	19.12 -5.04 16.83	21.06 -4.36 7.40	19.84 -3.85 6.61	21.97 -3.80 6.93	22.02 -3.41 5.92	16.68 -2.60 5.76	14.99 -2.33 5.21	20.57 -3.07 5.92	21.21 -3.57 6.88	24.73 -4.09 7.20	44.72 -7.03 10.51	34.94 -5.78 9.61	29.72 -4.86 8.46	20.49 -3.59 6.68	23.47 -3.24 6.51	24.50 -3.53 7.08
NIAGARA___115KV_198_GIBSON 55903	14.61 -3.91 16.30	22.13 -3.71 5.77	18.13 -3.33 5.77	18.61 -3.40 6.13	20.36 -3.89 6.49	22.87 -4.10 6.94	26.93 -4.68 7.77	24.93 -5.49 11.29	18.85 -5.25 16.88	21.05 -4.61 7.16	19.79 -4.13 6.38	21.94 -4.08 6.69	22.01 -3.63 5.71	16.70 -2.78 5.56	15.02 -2.47 5.03	20.54 -3.30 5.71	21.19 -3.83 6.63	24.72 -4.34 6.95	44.71 -7.41 10.15	34.87 -6.18 9.27	29.68 -5.19 8.16	20.48 -3.83 6.45	23.47 -3.47 6.28	24.48 -3.80 6.83
NIAGARA___ 23760	14.94 -3.70 16.17	22.50 -3.35 5.75	18.47 -3.02 5.74	18.97 -3.07 6.09	20.77 -3.49 6.48	23.13 -3.82 6.95	27.17 -4.41 7.80	25.18 -5.16 11.36	19.12 -5.04 16.83	21.18 -4.36 7.27	19.96 -3.85 6.48	22.11 -3.80 6.80	22.14 -3.41 5.80	16.80 -2.60 5.65	15.09 -2.33 5.10	20.69 -3.07 5.80	21.34 -3.57 6.75	24.86 -4.09 7.07	44.90 -7.03 10.34	35.10 -5.78 9.44	29.87 -4.86 8.31	20.59 -3.59 6.59	23.59 -3.24 6.39	24.65 -3.53 6.93
NINE_MILE_1 23575	33.41 -1.40 0.00	30.37 -1.24 0.00	26.15 -1.09 0.00	27.04 -1.10 0.00	29.52 -1.21 0.00	32.58 -1.33 0.00	37.84 -1.54 0.00	40.04 -1.66 0.00	39.32 -1.67 0.00	31.40 -1.41 0.00	28.98 -1.31 0.00	31.34 -1.37 0.00	30.07 -1.28 0.00	24.03 -1.01 0.00	21.61 -0.91 0.00	28.33 -1.23 0.00	30.32 -1.34 0.00	34.42 -1.60 0.00	59.52 -2.75 0.00	48.19 -2.13 0.00	41.20 -1.83 0.00	29.46 -1.31 0.00	31.84 -1.38 0.00	33.70 -1.41 0.00
NINE_MILE_2 23744	33.41 -1.40 0.00	30.37 -1.24 0.00	26.15 -1.09 0.00	27.05 -1.09 0.00	29.53 -1.21 0.00	32.58 -1.33 0.00	37.84 -1.54 0.00	40.04 -1.66 0.00	39.32 -1.67 0.00	31.40 -1.41 0.00	28.99 -1.30 0.00	31.35 -1.37 0.00	30.07 -1.28 0.00	24.04 -1.00 0.00	21.61 -0.91 0.00	28.33 -1.22 0.00	30.33 -1.33 0.00	34.42 -1.60 0.00	59.53 -2.74 0.00	48.19 -2.13 0.00	41.21 -1.82 0.00	29.46 -1.31 0.00	31.84 -1.38 0.00	33.71 -1.40 0.00
NM_CAPITAL___DRP 24208	36.00 1.19 0.00	32.69 1.09 0.00	28.23 1.00 0.00	29.20 1.07 0.00	31.89 1.15 0.00	35.11 1.20 0.00	40.68 1.30 0.00	43.23 1.53 0.00	42.54 1.55 0.00	34.13 1.31 0.00	31.49 1.20 0.00	33.92 1.21 0.00	32.39 1.04 0.00	25.82 0.78 0.00	23.21 0.69 0.00	30.57 1.01 0.00	32.83 1.17 0.00	37.40 1.39 0.00	64.59 2.32 0.00	52.22 1.90 0.00	44.66 1.63 0.00	31.97 1.21 0.00	34.42 1.20 0.00	36.42 1.31 0.00

NM_CENTRAL___DRP 24181	33.79 -1.02 0.00	30.72 -0.89 0.00	26.45 -0.78 0.00	27.36 -0.78 0.00	29.87 -0.87 0.00	32.96 -0.95 0.00	38.30 -1.08 0.00	40.52 -1.18 0.00	39.78 -1.21 0.00	31.71 -1.10 0.00	29.25 -1.05 0.00	31.67 -1.05 0.00	30.39 -0.96 0.00	24.30 -0.74 0.00	21.85 -0.67 0.00	28.65 -0.90 0.00	30.71 -0.95 0.00	34.89 -1.13 0.00	60.34 -1.93 0.00	48.89 -1.44 0.00	41.82 -1.22 0.00	29.88 -0.89 0.00	32.29 -0.93 0.00	34.13 -0.99 0.00
NM_FRONTIER___DRP 24179	14.61 -3.91 16.30	22.13 -3.71 5.77	18.13 -3.33 5.77	18.61 -3.40 6.13	20.36 -3.89 6.49	22.87 -4.10 6.94	26.93 -4.68 7.77	24.93 -5.49 11.29	18.85 -5.25 16.88	21.05 -4.61 7.16	19.79 -4.13 6.38	21.94 -4.08 6.69	22.01 -3.63 5.71	16.70 -2.78 5.56	15.02 -2.47 5.03	20.54 -3.30 5.71	21.19 -3.83 6.63	24.72 -4.34 6.95	44.71 -7.41 10.15	34.87 -6.18 9.27	29.68 -5.19 8.16	20.48 -3.83 6.45	23.47 -3.47 6.28	24.48 -3.80 6.83
NM_ST_REGIS___HYD 24053	35.05 0.23 0.00	31.67 0.07 0.00	27.10 -0.13 0.00	27.96 -0.18 0.00	30.65 -0.09 0.00	34.00 0.09 0.00	39.60 0.22 0.00	41.68 -0.03 0.00	40.78 -0.21 0.00	32.52 -0.30 0.00	29.91 -0.39 0.00	32.20 -0.51 0.00	30.84 -0.51 0.00	25.49 -0.49 -0.94	22.13 -0.39 0.00	29.10 -0.46 0.00	31.29 -0.37 0.00	35.92 -0.10 0.00	62.30 0.03 0.00	52.65 -0.45 -2.78	53.16 -0.40 -10.53	41.28 -0.30 -10.82	44.27 -0.26 -11.30	46.63 -0.22 -11.74
NORTHPORT___1 23551	36.55 1.74 0.00	33.21 1.60 0.00	28.90 1.67 0.00	29.74 1.61 0.00	32.47 1.74 0.00	35.65 1.74 0.00	41.40 2.02 0.00	44.00 2.30 0.00	43.52 2.53 0.00	34.97 2.15 0.00	32.61 2.32 0.00	35.21 2.50 0.00	33.53 2.18 0.00	27.03 1.99 0.00	24.32 1.80 0.00	31.78 2.22 0.00	33.83 2.17 0.00	38.44 2.42 0.00	66.24 3.98 0.00	53.42 3.10 0.00	45.79 2.75 0.00	32.69 1.93 0.00	35.31 2.09 0.00	37.04 1.93 0.00
NORTHPORT___2 23552	36.55 1.74 0.00	33.21 1.60 0.00	28.90 1.67 0.00	29.74 1.61 0.00	32.47 1.74 0.00	35.65 1.74 0.00	41.40 2.02 0.00	44.00 2.30 0.00	43.52 2.53 0.00	34.97 2.15 0.00	32.61 2.32 0.00	35.21 2.50 0.00	33.53 2.18 0.00	27.03 1.99 0.00	24.32 1.80 0.00	31.78 2.22 0.00	33.83 2.17 0.00	38.44 2.42 0.00	66.24 3.98 0.00	53.42 3.10 0.00	45.79 2.75 0.00	32.69 1.93 0.00	35.31 2.09 0.00	37.04 1.93 0.00
NORTHPORT___3 23553	36.39 1.58 0.00	33.08 1.47 0.00	28.75 1.51 0.00	29.59 1.46 0.00	32.30 1.56 0.00	35.45 1.54 0.00	41.10 1.72 0.00	43.68 1.98 0.00	43.22 2.23 0.00	34.82 2.01 0.00	32.49 2.20 0.00	35.08 2.37 0.00	33.44 2.09 0.00	26.91 1.87 0.00	24.23 1.71 0.00	31.68 2.13 0.00	33.73 2.06 0.00	38.27 2.25 0.00	65.83 3.57 0.00	53.14 2.82 0.00	45.52 2.49 0.00	32.54 1.78 0.00	35.12 1.90 0.00	36.90 1.78 0.00
NORTHPORT___4 23650	36.39 1.58 0.00	33.08 1.47 0.00	28.75 1.51 0.00	29.59 1.46 0.00	32.30 1.56 0.00	35.45 1.54 0.00	41.10 1.72 0.00	43.68 1.98 0.00	43.22 2.23 0.00	34.82 2.01 0.00	32.49 2.20 0.00	35.08 2.37 0.00	33.44 2.09 0.00	26.91 1.87 0.00	24.23 1.71 0.00	31.68 2.13 0.00	33.73 2.06 0.00	38.27 2.25 0.00	65.83 3.57 0.00	53.14 2.82 0.00	45.52 2.49 0.00	32.54 1.78 0.00	35.12 1.90 0.00	36.90 1.78 0.00
NORTHPORT___IC 23718	36.54 1.73 0.00	33.22 1.61 0.00	28.90 1.67 0.00	29.75 1.62 0.00	32.49 1.75 0.00	35.67 1.76 0.00	41.40 2.02 0.00	44.02 2.31 0.00	43.52 2.53 0.00	34.97 2.16 0.00	32.63 2.33 0.00	35.20 2.49 0.00	33.54 2.20 0.00	27.04 2.00 0.00	24.33 1.81 0.00	31.79 2.23 0.00	33.85 2.18 0.00	38.45 2.43 0.00	66.26 3.99 0.00	53.44 3.12 0.00	45.80 2.77 0.00	32.70 1.94 0.00	35.32 2.10 0.00	37.05 1.94 0.00
NORTH___COUNTRY_ESR 323785	34.90 0.08 0.00	31.47 -0.13 0.00	26.92 -0.32 0.00	27.74 -0.40 0.00	30.48 -0.26 0.00	33.91 0.01 0.00	39.53 0.15 0.00	41.31 -0.39 0.00	40.54 -0.45 0.00	32.63 -0.19 0.00	30.13 -0.16 0.00	32.34 -0.38 0.00	30.85 -0.50 0.00	20.41 -0.61 4.01	22.09 -0.43 0.00	29.05 -0.50 0.00	31.26 -0.40 0.00	35.91 -0.11 0.00	62.34 0.08 0.00	37.71 -1.17 11.45	-1.44 -1.11 43.37	-14.60 -0.80 44.57	-14.14 -0.78 46.58	-14.04 -0.79 48.37
NPX_GEN_1385_PROXY 323591	36.31 1.50 0.00	33.02 1.42 0.00	28.90 1.67 0.00	29.74 1.61 0.00	32.47 1.74 0.00	35.65 1.74 0.00	41.40 2.02 0.00	44.00 2.30 0.00	43.41 2.42 0.00	34.65 1.84 0.00	32.40 2.10 0.00	34.94 2.22 0.00	33.01 1.66 0.00	26.86 1.81 0.00	24.16 1.64 0.00	31.36 1.80 0.00	33.39 1.73 0.00	38.07 2.05 0.00	65.59 3.32 0.00	52.56 2.24 0.00	45.10 2.07 0.00	32.23 1.47 0.00	35.17 1.95 0.00	36.81 1.70 0.00
NPX_GEN_CSC 323557	36.47 1.65 0.00	33.11 1.50 0.00	29.14 1.91 0.00	30.01 1.87 0.00	33.17 2.43 0.00	36.43 2.52 0.00	42.36 2.98 0.00	45.12 3.42 0.00	44.64 3.66 0.00	35.03 2.21 0.00	32.41 2.11 0.00	35.19 2.48 0.00	33.47 2.12 0.00	27.00 1.96 0.00	24.30 1.78 0.00	31.83 2.27 0.00	33.41 1.75 0.00	38.09 2.07 0.00	67.32 5.05 0.00	53.60 3.27 0.00	46.52 3.48 0.00	33.07 2.31 0.00	35.78 2.56 0.00	37.27 2.16 0.00
NSINS_S___GLNS_FALLS 23858	37.07 2.26 0.00	33.65 2.04 0.00	29.03 1.80 0.00	30.04 1.90 0.00	32.86 2.12 0.00	36.29 2.38 0.00	42.04 2.66 0.00	44.63 2.92 0.00	43.77 2.78 0.00	34.97 2.15 0.00	32.01 1.72 0.00	34.35 1.64 0.00	32.67 1.33 0.00	26.02 0.98 0.00	23.51 0.98 0.00	31.13 1.57 0.00	33.57 1.91 0.00	38.52 2.50 0.00	66.58 4.32 0.00	53.73 3.40 0.00	45.82 2.79 0.00	32.83 2.07 0.00	35.34 2.12 0.00	37.39 2.28 0.00
NUCOR_STEEL___DRP 24197	40.24 -0.73 -6.16	30.92 -0.69 0.00	26.61 -0.63 0.00	27.64 -0.49 0.00	30.07 -0.66 0.00	33.18 -0.73 0.00	38.57 -0.81 0.00	42.76 -0.77 -1.83	45.76 -0.80 -5.57	32.14 -0.89 -0.21	29.42 -0.87 0.00	31.75 -0.97 0.00	30.58 -0.77 0.00	24.35 -0.69 0.00	21.95 -0.57 0.00	28.87 -0.69 0.00	31.04 -0.62 0.00	35.25 -0.76 0.00	61.01 -1.26 0.00	49.45 -0.87 0.00	42.31 -0.73 0.00	30.22 -0.55 0.00	32.69 -0.53 0.00	34.48 -0.63 0.00
NUMBER_THREE_WT_PWR 323818	33.73 -1.09 0.00	30.50 -1.11 0.00	26.23 -1.00 0.00	27.15 -0.98 0.00	29.78 -0.96 0.00	33.09 -0.82 0.00	38.34 -1.04 0.00	40.64 -1.06 0.00	39.50 -1.49 0.00	31.28 -1.54 0.00	28.38 -1.91 0.00	30.52 -2.19 0.00	29.23 -2.11 0.00	23.58 -1.62 -0.16	21.00 -1.52 0.00	27.75 -1.81 0.00	29.96 -1.70 0.00	34.62 -1.40 0.00	60.09 -2.18 0.00	49.27 -1.56 -0.50	43.52 -1.41 -1.89	31.65 -1.06 -1.94	34.03 -1.22 -2.03	36.15 -1.07 -2.11
NYISO_LBMP_REFERENCE 24008	34.81 0.00 0.00	31.61 0.00 0.00	27.23 0.00 0.00	28.14 0.00 0.00	30.74 0.00 0.00	33.91 0.00 0.00	39.38 0.00 0.00	41.70 0.00 0.00	40.99 0.00 0.00	32.82 0.00 0.00	30.29 0.00 0.00	32.71 0.00 0.00	31.35 0.00 0.00	25.04 0.00 0.00	22.52 0.00 0.00	29.56 0.00 0.00	31.66 0.00 0.00	36.02 0.00 0.00	62.27 0.00 0.00	50.32 0.00 0.00	43.03 0.00 0.00	30.76 0.00 0.00	33.22 0.00 0.00	35.11 0.00 0.00

NYPA_BRENTWD____GT 24164	36.85 2.04 0.00	33.46 1.86 0.00	29.11 1.88 0.00	29.96 1.83 0.00	32.74 2.00 0.00	35.95 2.04 0.00	41.77 2.39 0.00	44.45 2.74 0.00	43.97 2.98 0.00	35.32 2.50 0.00	32.89 2.60 0.00	35.51 2.80 0.00	33.84 2.49 0.00	27.26 2.22 0.00	24.54 2.02 0.00	32.09 2.53 0.00	34.15 2.49 0.00	38.80 2.78 0.00	67.00 4.73 0.00	54.09 3.76 0.00	46.34 3.31 0.00	33.08 2.32 0.00	35.66 2.44 0.00	37.39 2.28 0.00
NYPA_GOWANUS____GT5 24156	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05
NYPA_GOWANUS____GT6 24157	55.04 1.99 -18.24	53.01 1.87 -19.54	52.38 1.75 -23.41	52.39 1.72 -22.54	52.41 1.82 -19.86	52.41 1.81 -16.69	52.86 2.05 -11.43	53.20 2.38 -9.12	54.19 2.61 -10.59	54.39 2.47 -19.10	54.60 2.36 -21.95	51.19 2.47 -16.01	50.38 2.35 -16.69	50.25 2.00 -23.22	50.23 1.80 -25.91	50.73 2.24 -18.93	51.13 2.26 -17.21	51.16 2.44 -12.70	68.99 3.89 -2.84	54.45 3.47 -0.66	55.41 2.89 -9.48	51.16 2.08 -18.31	50.36 2.10 -15.04	50.28 2.11 -13.05
NYPA_HARLEM__RVR__GT1 24160	36.39 1.58 0.00	33.11 1.50 0.00	28.64 1.41 0.00	29.51 1.38 0.00	32.20 1.46 0.00	35.31 1.40 0.00	40.96 1.58 0.00	43.63 1.92 0.00	43.15 2.15 0.00	34.89 2.07 0.00	32.28 1.99 0.00	34.75 2.05 0.01	33.32 1.97 0.00	26.74 1.70 0.00	24.04 1.52 0.00	31.42 1.87 0.01	33.54 1.88 0.00	37.99 1.97 0.00	65.43 3.16 0.00	53.17 2.85 0.00	45.45 2.42 0.00	32.48 1.71 0.00	34.97 1.75 0.00	36.88 1.77 0.00
NYPA_HARLEM__RVR__GT2 24161	36.39 1.58 0.00	33.11 1.50 0.00	28.64 1.41 0.00	29.51 1.38 0.00	32.20 1.46 0.00	35.31 1.40 0.00	40.96 1.58 0.00	43.63 1.92 0.00	43.15 2.15 0.00	34.89 2.07 0.00	32.28 1.99 0.00	34.75 2.05 0.01	33.32 1.97 0.00	26.74 1.70 0.00	24.04 1.52 0.00	31.42 1.87 0.01	33.54 1.88 0.00	37.99 1.97 0.00	65.43 3.16 0.00	53.17 2.85 0.00	45.45 2.42 0.00	32.48 1.71 0.00	34.97 1.75 0.00	36.88 1.77 0.00
NYPA_KENT____GT 24152	47.82 1.87 -11.14	45.30 1.76 -11.93	43.17 1.65 -14.29	43.51 1.61 -13.76	44.57 1.71 -12.12	45.79 1.69 -10.19	48.27 1.91 -6.98	49.51 2.24 -5.57	49.93 2.47 -6.47	46.86 2.37 -11.66	45.97 2.27 -13.40	44.86 2.38 -9.77	43.79 2.25 -10.19	41.13 1.91 -14.17	40.06 1.72 -15.82	43.27 2.15 -11.56	44.33 2.16 -10.51	46.10 2.32 -7.76	67.70 3.70 -1.73	54.03 3.30 -0.40	51.59 2.77 -5.79	43.92 1.98 -11.18	44.39 1.99 -9.18	45.08 1.99 -7.97
NYPA_POUCH1____GT 24155	54.96 1.90 -18.24	52.96 1.82 -19.54	52.35 1.71 -23.41	52.35 1.67 -22.54	52.36 1.77 -19.86	52.35 1.75 -16.69	52.79 1.98 -11.43	53.12 2.30 -9.12	54.10 2.52 -10.59	54.30 2.39 -19.10	54.53 2.29 -21.95	51.12 2.39 -16.01	50.30 2.27 -16.69	50.20 1.94 -23.22	50.17 1.74 -25.91	50.66 2.16 -18.93	51.05 2.17 -17.21	51.07 2.35 -12.70	68.80 3.69 -2.84	54.33 3.34 -0.66	55.31 2.80 -9.48	51.10 2.03 -18.31	50.30 2.04 -15.04	50.21 2.05 -13.05
NYPA_VERNON____GT2 24162	40.62 1.77 -4.04	37.58 1.66 -4.32	33.96 1.55 -5.18	34.64 1.52 -4.99	36.74 1.61 -4.39	39.18 1.58 -3.70	43.68 1.77 -2.53	45.82 2.10 -2.02	45.67 2.34 -2.34	39.31 2.27 -4.23	37.33 2.18 -4.86	38.53 2.27 -3.54	37.20 2.16 -3.69	32.01 1.83 -5.14	29.90 1.64 -5.73	35.80 2.05 -4.19	37.53 2.06 -3.81	41.04 2.21 -2.81	66.42 3.52 -0.63	53.62 3.15 -0.15	47.74 2.61 -2.10	36.69 1.87 -4.05	38.42 1.87 -3.33	39.87 1.87 -2.89
NYPA_VERNON____GT3 24163	40.62 1.77 -4.04	37.58 1.66 -4.32	33.96 1.55 -5.18	34.64 1.52 -4.99	36.74 1.61 -4.39	39.18 1.58 -3.70	43.68 1.77 -2.53	45.82 2.10 -2.02	45.67 2.34 -2.34	39.31 2.27 -4.23	37.33 2.18 -4.86	38.53 2.27 -3.54	37.20 2.16 -3.69	32.01 1.83 -5.14	29.90 1.64 -5.73	35.80 2.05 -4.19	37.53 2.06 -3.81	41.04 2.21 -2.81	66.42 3.52 -0.63	53.62 3.15 -0.15	47.74 2.61 -2.10	36.69 1.87 -4.05	38.42 1.87 -3.33	39.87 1.87 -2.89
NYPA__ASTORIA_CC1 323568	36.53 1.72 0.00	33.22 1.62 0.00	28.76 1.52 0.00	29.62 1.49 0.00	32.31 1.58 0.00	35.42 1.52 0.00	41.08 1.70 0.00	43.73 2.03 0.00	43.26 2.27 0.00	35.04 2.22 0.00	32.43 2.14 0.00	34.93 2.22 0.00	33.45 2.11 0.00	26.84 1.80 0.00	24.13 1.62 0.00	31.57 2.01 0.00	33.67 2.01 0.00	38.17 2.15 0.00	65.67 3.41 0.00	53.37 3.05 0.00	45.57 2.54 0.00	32.59 1.82 0.00	35.04 1.82 0.00	36.93 1.82 0.00
NYPA__ASTORIA_CC2 323569	36.53 1.72 0.00	33.22 1.62 0.00	28.76 1.52 0.00	29.62 1.49 0.00	32.31 1.58 0.00	35.42 1.52 0.00	41.08 1.70 0.00	43.73 2.03 0.00	43.26 2.27 0.00	35.04 2.22 0.00	32.43 2.14 0.00	34.93 2.22 0.00	33.45 2.11 0.00	26.84 1.80 0.00	24.13 1.62 0.00	31.57 2.01 0.00	33.67 2.01 0.00	38.17 2.15 0.00	65.67 3.41 0.00	53.37 3.05 0.00	45.57 2.54 0.00	32.59 1.82 0.00	35.04 1.82 0.00	36.93 1.82 0.00
NYPA__HOLTSVILL 23794	36.61 1.79 0.00	33.25 1.64 0.00	28.97 1.74 0.00	29.82 1.68 0.00	32.60 1.86 0.00	35.79 1.88 0.00	41.59 2.21 0.00	44.25 2.55 0.00	43.79 2.80 0.00	35.10 2.29 0.00	32.68 2.38 0.00	35.29 2.57 0.00	33.61 2.27 0.00	27.09 2.05 0.00	24.39 1.87 0.00	31.90 2.34 0.00	33.89 2.23 0.00	38.52 2.51 0.00	66.62 4.35 0.00	53.72 3.40 0.00	46.09 3.06 0.00	32.89 2.13 0.00	35.46 2.24 0.00	37.16 2.04 0.00
NYPA__HELLGATE_GT1 24158	36.39 1.58 0.00	33.11 1.50 0.00	28.64 1.41 0.00	29.51 1.38 0.00	32.20 1.46 0.00	35.31 1.40 0.00	40.96 1.58 0.00	43.63 1.92 0.00	43.15 2.15 0.00	34.89 2.07 0.00	32.28 1.99 0.00	34.75 2.05 0.01	33.32 1.97 0.00	26.74 1.70 0.00	24.04 1.52 0.00	31.42 1.87 0.01	33.54 1.88 0.00	37.99 1.97 0.00	65.43 3.17 0.00	53.19 2.87 0.00	45.45 2.42 0.00	32.48 1.71 0.00	34.97 1.75 0.00	36.88 1.77 0.00
NYPA__HELLGATE_GT2 24159	36.39 1.58 0.00	33.11 1.50 0.00	28.64 1.41 0.00	29.51 1.38 0.00	32.20 1.46 0.00	35.31 1.40 0.00	40.96 1.58 0.00	43.63 1.92 0.00	43.15 2.15 0.00	34.89 2.07 0.00	32.28 1.99 0.00	34.75 2.05 0.01	33.32 1.97 0.00	26.74 1.70 0.00	24.04 1.52 0.00	31.42 1.87 0.01	33.54 1.88 0.00	37.99 1.97 0.00	65.43 3.17 0.00	53.19 2.87 0.00	45.45 2.42 0.00	32.48 1.71 0.00	34.97 1.75 0.00	36.88 1.77 0.00
NYS_BARGE__HYD 23848	15.10 -3.51 16.21	22.16 -3.33 6.11	18.11 -3.02 6.11	18.59 -3.06 6.48	20.39 -3.48 6.87	22.77 -3.80 7.34	26.82 -4.36 8.21	25.01 -5.06 11.63	19.22 -4.84 16.93	20.95 -4.33 7.53	19.74 -3.82 6.74	21.84 -3.80 7.07	21.93 -3.39 6.04	16.59 -2.57 5.88	14.86 -2.34 5.31	20.41 -3.11 6.03	21.07 -3.58 7.01	24.59 -4.08 7.34	44.62 -6.92 10.72	34.89 -5.64 9.80	29.65 -4.75 8.63	20.53 -3.42 6.82	23.50 -3.08 6.64	24.51 -3.39 7.22

OAK ORCHARD___HYD 24046	23.47 -2.23 9.11	29.64 -1.97 0.00	25.44 -1.80 0.00	26.33 -1.81 0.00	28.69 -2.05 0.00	31.68 -2.23 0.00	36.84 -2.54 0.00	36.08 -2.93 2.70	29.80 -2.95 8.23	29.91 -2.60 0.31	28.02 -2.27 0.00	30.46 -2.26 0.00	29.36 -1.99 0.00	23.58 -1.46 0.00	21.19 -1.33 0.00	27.79 -1.76 0.00	29.59 -2.07 0.00	33.63 -2.40 0.00	58.30 -3.97 0.00	47.15 -3.18 0.00	40.35 -2.69 0.00	28.73 -2.03 0.00	31.36 -1.86 0.00	33.05 -2.06 0.00
OAKDALE___35_KV_LOAD 356122	24.13 -1.01 9.67	30.78 -0.83 0.00	26.54 -0.70 0.00	27.47 -0.67 0.00	29.99 -0.75 0.00	33.06 -0.85 0.00	38.39 -0.99 0.00	37.71 -1.12 2.87	31.10 -1.15 8.74	31.51 -0.97 0.33	29.39 -0.90 0.00	31.87 -0.84 0.00	30.62 -0.73 0.00	24.50 -0.54 0.00	22.03 -0.49 0.00	28.86 -0.69 0.00	30.94 -0.72 0.00	35.09 -0.93 0.00	60.70 -1.57 0.00	49.22 -1.11 0.00	42.11 -0.92 0.00	30.05 -0.72 0.00	32.53 -0.69 0.00	34.28 -0.83 0.00
OCC_CHEM___DRP 24175	14.64 -3.86 16.31	22.21 -3.65 5.75	18.20 -3.28 5.75	18.68 -3.36 6.10	20.44 -3.84 6.47	22.96 -4.05 6.90	27.06 -4.60 7.72	25.04 -5.40 11.25	18.92 -5.18 16.89	21.16 -4.54 7.12	19.89 -4.07 6.33	22.04 -4.02 6.65	22.11 -3.57 5.67	16.78 -2.73 5.52	15.10 -2.42 4.99	20.64 -3.24 5.67	21.30 -3.77 6.59	24.85 -4.26 6.91	44.90 -7.29 10.08	35.03 -6.08 9.21	29.83 -5.09 8.11	20.59 -3.77 6.41	23.58 -3.40 6.24	24.60 -3.73 6.79
OH_GEN_PROXY 24063	15.41 -3.66 15.74	23.01 -3.29 5.31	18.96 -2.97 5.31	19.49 -3.01 5.63	21.35 -3.42 5.97	23.79 -3.75 6.38	27.92 -4.33 7.13	26.06 -5.05 10.60	19.85 -4.93 16.21	21.96 -4.25 6.60	20.68 -3.75 5.86	22.87 -3.70 6.14	22.80 -3.31 5.24	17.41 -2.52 5.11	15.65 -2.26 4.61	21.33 -2.99 5.24	22.10 -3.47 6.09	25.66 -3.97 6.38	46.12 -6.83 9.32	36.19 -5.62 8.52	30.81 -4.73 7.49	21.34 -3.50 5.92	24.29 -3.16 5.77	25.38 -3.46 6.27
OLIN_CORP_DRP 24177	14.54 -3.82 16.46	22.29 -3.71 5.61	18.27 -3.36 5.61	18.74 -3.44 5.95	20.55 -3.87 6.31	22.93 -4.24 6.74	26.95 -4.89 7.54	24.93 -5.63 11.15	18.82 -5.21 16.97	21.06 -4.78 6.97	19.81 -4.29 6.19	21.95 -4.27 6.50	22.00 -3.81 5.55	16.71 -2.93 5.40	15.02 -2.62 4.88	20.51 -3.50 5.54	21.20 -4.03 6.44	24.72 -4.56 6.75	44.67 -7.75 9.85	34.89 -6.43 9.00	29.71 -5.40 7.92	20.66 -3.84 6.26	23.64 -3.48 6.10	24.66 -3.82 6.63
OLIN_CORP_DSASP 323712	14.62 -3.88 16.31	22.24 -3.62 5.75	18.25 -3.23 5.75	18.74 -3.30 6.10	20.49 -3.79 6.47	23.02 -3.99 6.90	27.13 -4.53 7.72	25.15 -5.30 11.25	18.93 -5.17 16.89	21.23 -4.46 7.12	20.01 -3.95 6.33	22.15 -3.91 6.65	22.18 -3.50 5.67	16.84 -2.67 5.52	15.14 -2.38 4.99	20.74 -3.15 5.67	21.40 -3.67 6.59	24.93 -4.19 6.91	44.99 -7.20 10.08	35.18 -5.93 9.21	29.94 -4.98 8.11	20.65 -3.71 6.41	23.64 -3.34 6.24	24.69 -3.64 6.79
ONEIDA_HERK_LFGE 323681	34.74 -0.07 0.00	31.48 -0.12 0.00	27.12 -0.11 0.00	28.04 -0.09 0.00	30.68 -0.06 0.00	33.94 0.03 0.00	39.41 0.03 0.00	41.77 0.07 0.00	40.85 -0.14 0.00	32.47 -0.34 0.00	29.73 -0.56 0.00	32.03 -0.68 0.00	30.66 -0.68 0.00	24.63 -0.49 -0.08	22.04 -0.48 0.00	29.03 -0.53 0.00	31.27 -0.39 0.00	35.84 -0.18 0.00	62.10 -0.16 0.00	50.60 0.04 -0.24	43.93 -0.01 -0.90	31.65 -0.04 -0.93	34.08 -0.11 -0.97	36.06 -0.07 -1.01
ONEIDA___115KV_TB4 55905	35.00 0.19 0.00	31.77 0.17 0.00	27.37 0.14 0.00	28.31 0.17 0.00	30.91 0.17 0.00	34.15 0.25 0.00	39.72 0.34 0.00	42.10 0.40 0.00	41.22 0.22 0.00	32.75 -0.07 0.00	30.07 -0.22 0.00	32.46 -0.25 0.00	31.10 -0.25 0.00	24.90 -0.14 0.00	22.36 -0.16 0.00	29.40 -0.15 0.00	31.64 -0.03 0.00	36.17 0.15 0.00	62.65 0.38 0.00	50.86 0.53 0.00	43.47 0.44 0.00	31.04 0.28 0.00	33.47 0.25 0.00	35.33 0.22 0.00
ONONDAGA_REF_OCCRA 23987	38.28 -0.84 -4.31	30.90 -0.71 0.00	26.60 -0.63 0.00	27.52 -0.61 0.00	30.05 -0.69 0.00	33.15 -0.75 0.00	38.53 -0.85 0.00	42.06 -0.92 -1.28	43.91 -0.97 -3.89	32.02 -0.94 -0.15	29.39 -0.90 0.00	31.82 -0.90 0.00	30.54 -0.81 0.00	24.42 -0.62 0.00	21.96 -0.56 0.00	28.79 -0.77 0.00	30.90 -0.76 0.00	35.10 -0.92 0.00	60.73 -1.54 0.00	49.23 -1.09 0.00	42.10 -0.93 0.00	30.08 -0.69 0.00	32.49 -0.73 0.00	34.34 -0.77 0.00
ONONDAGA___COGEN 23986	33.97 -0.84 0.00	30.89 -0.72 0.00	26.59 -0.64 0.00	27.53 -0.61 0.00	30.04 -0.69 0.00	33.14 -0.76 0.00	38.53 -0.85 0.00	40.78 -0.92 0.00	40.03 -0.96 0.00	31.90 -0.92 0.00	29.41 -0.88 0.00	31.83 -0.89 0.00	30.55 -0.80 0.00	24.41 -0.63 0.00	21.96 -0.56 0.00	28.82 -0.74 0.00	30.92 -0.75 0.00	35.10 -0.92 0.00	60.74 -1.53 0.00	49.19 -1.13 0.00	42.07 -0.96 0.00	30.06 -0.70 0.00	32.49 -0.73 0.00	34.34 -0.77 0.00
ONTARIO___LFGE 23819	16.03 -1.65 17.13	33.87 -1.37 -3.64	29.65 -1.22 -3.64	30.81 -1.19 -3.86	33.51 -1.32 -4.09	36.82 -1.46 -4.37	42.59 -1.68 -4.89	38.85 -1.84 1.01	24.92 -1.94 14.13	34.59 -1.79 -3.57	32.61 -1.70 -4.01	35.23 -1.70 -4.21	33.36 -1.59 -3.59	27.33 -1.21 -3.50	24.72 -0.97 -3.17	31.85 -1.31 -3.60	34.54 -1.30 -4.18	38.72 -1.68 -4.37	66.00 -2.66 -6.39	54.19 -1.97 -5.84	46.50 -1.68 -5.14	33.59 -1.24 -4.06	35.96 -1.21 -3.96	38.00 -1.41 -4.30
ORANGEVILLE_WT_PWR 323706	-12.25 -4.06 43.01	-12.25 -3.62 40.24	-16.14 -3.13 40.24	-17.72 -3.15 42.70	-18.00 -3.46 45.28	-18.33 -3.89 48.35	-19.17 -4.46 54.09	-20.92 -4.88 57.73	-17.80 -4.92 53.87	-18.79 -4.15 47.45	-17.89 -3.78 44.40	-17.87 -3.98 46.60	-12.09 -3.68 39.76	-16.46 -2.78 38.72	-15.07 -2.58 35.01	-13.64 -3.44 39.76	-18.09 -3.55 46.20	-16.71 -4.33 48.40	-15.57 -7.18 70.66	-19.75 -5.48 64.59	-18.56 -4.74 56.85	-17.64 -3.48 44.92	-14.10 -3.56 43.76	-16.35 -3.90 47.56
ORANGEVILLE___ESR 323794	-12.25 -4.06 43.01	-12.25 -3.62 40.24	-16.14 -3.13 40.24	-17.72 -3.15 42.70	-18.00 -3.46 45.28	-18.33 -3.89 48.35	-19.17 -4.46 54.09	-20.92 -4.88 57.73	-17.80 -4.92 53.87	-18.79 -4.15 47.45	-17.89 -3.78 44.40	-17.87 -3.98 46.60	-12.09 -3.68 39.76	-16.46 -2.78 38.72	-15.07 -2.58 35.01	-13.64 -3.44 39.76	-18.09 -3.55 46.20	-16.71 -4.33 48.40	-15.57 -7.18 70.66	-19.75 -5.48 64.59	-18.56 -4.74 56.85	-17.64 -3.48 44.92	-14.10 -3.56 43.76	-16.35 -3.90 47.56
OSWEGATCHIE___HYD 24044	34.17 -0.64 0.00	30.90 -0.70 0.00	26.50 -0.73 0.00	27.38 -0.75 0.00	30.02 -0.72 0.00	33.31 -0.60 0.00	38.67 -0.71 0.00	40.86 -0.85 0.00	39.83 -1.16 0.00	31.58 -1.24 0.00	28.83 -1.46 0.00	31.03 -1.68 0.00	29.74 -1.61 0.00	24.15 -1.27 -0.37	21.33 -1.19 0.00	28.14 -1.42 0.00	30.34 -1.32 0.00	34.94 -1.08 0.00	60.62 -1.65 0.00	50.10 -1.35 -1.13	46.11 -1.20 -4.28	34.26 -0.89 -4.40	36.84 -0.98 -4.59	38.97 -0.91 -4.77
OSWEGO___5 23606	33.58 -1.23 0.00	30.52 -1.09 0.00	26.28 -0.95 0.00	27.19 -0.95 0.00	29.68 -1.06 0.00	32.75 -1.16 0.00	38.04 -1.34 0.00	40.25 -1.45 0.00	39.52 -1.46 0.00	31.56 -1.26 0.00	29.12 -1.17 0.00	31.50 -1.22 0.00	30.22 -1.13 0.00	24.16 -0.88 0.00	21.72 -0.80 0.00	28.49 -1.07 0.00	30.50 -1.16 0.00	34.63 -1.38 0.00	59.90 -2.37 0.00	48.49 -1.83 0.00	41.47 -1.56 0.00	29.64 -1.12 0.00	32.04 -1.18 0.00	33.90 -1.22 0.00

OSWEGO___6 23613	33.58 -1.23 0.00	30.52 -1.09 0.00	26.28 -0.95 0.00	27.19 -0.95 0.00	29.68 -1.06 0.00	32.75 -1.16 0.00	38.04 -1.34 0.00	40.25 -1.45 0.00	39.52 -1.46 0.00	31.56 -1.26 0.00	29.12 -1.17 0.00	31.50 -1.22 0.00	30.22 -1.13 0.00	24.16 -0.88 0.00	21.72 -0.80 0.00	28.49 -1.07 0.00	30.50 -1.16 0.00	34.63 -1.38 0.00	59.90 -2.37 0.00	48.49 -1.83 0.00	41.47 -1.56 0.00	29.64 -1.12 0.00	32.04 -1.18 0.00	33.90 -1.22 0.00
OUTOKUMPU-AB___DRP 24206	15.04 -3.22 16.55	23.07 -3.08 5.46	18.96 -2.81 5.46	19.48 -2.87 5.80	21.33 -3.27 6.15	23.83 -3.52 6.56	28.04 -4.00 7.34	25.98 -4.71 11.01	19.53 -4.46 17.00	22.02 -3.99 6.81	20.70 -3.56 6.03	22.90 -3.49 6.32	22.90 -3.06 5.40	17.46 -2.33 5.25	15.67 -2.10 4.75	21.34 -2.82 5.40	22.11 -3.28 6.27	25.75 -3.70 6.57	46.40 -6.27 9.59	36.35 -5.21 8.77	30.96 -4.35 7.72	21.45 -3.22 6.10	24.46 -2.83 5.94	25.49 -3.17 6.45
OXBOW___BTM 323836	14.77 -3.60 16.43	22.62 -3.38 5.60	18.59 -3.04 5.60	19.09 -3.10 5.95	20.89 -3.54 6.30	23.41 -3.77 6.73	27.57 -4.28 7.53	25.55 -5.02 11.13	19.17 -4.88 16.95	21.63 -4.23 6.96	20.37 -3.74 6.18	22.54 -3.68 6.49	22.54 -3.27 5.53	17.16 -2.50 5.39	15.40 -2.25 4.87	21.06 -2.97 5.53	21.78 -3.46 6.43	25.34 -3.94 6.74	45.68 -6.76 9.83	35.79 -5.54 8.99	30.46 -4.66 7.91	21.06 -3.46 6.25	24.04 -3.09 6.09	25.09 -3.40 6.62
OXBOW____ 24026	14.80 -3.58 16.43	22.60 -3.40 5.60	18.54 -3.09 5.60	19.04 -3.15 5.95	20.83 -3.60 6.30	23.34 -3.83 6.73	27.49 -4.36 7.53	25.46 -5.11 11.13	19.17 -4.87 16.95	21.56 -4.30 6.96	20.26 -3.85 6.18	22.44 -3.78 6.49	22.47 -3.34 5.53	17.10 -2.55 5.39	15.36 -2.29 4.87	20.97 -3.06 5.53	21.69 -3.55 6.43	25.27 -4.02 6.74	45.59 -6.84 9.83	35.65 -5.69 8.99	30.34 -4.78 7.91	20.99 -3.52 6.25	23.99 -3.14 6.09	25.00 -3.49 6.62
OXY_CHEM_DSASP 323612	14.64 -3.86 16.31	22.21 -3.65 5.75	18.20 -3.28 5.75	18.68 -3.36 6.10	20.44 -3.84 6.47	22.96 -4.05 6.90	27.06 -4.60 7.72	25.04 -5.40 11.25	18.92 -5.18 16.89	21.16 -4.54 7.12	19.89 -4.07 6.33	22.04 -4.02 6.65	22.11 -3.57 5.67	16.78 -2.73 5.52	15.10 -2.42 4.99	20.64 -3.24 5.67	21.30 -3.77 6.59	24.85 -4.26 6.91	44.90 -7.29 10.08	35.03 -6.08 9.21	29.83 -5.09 8.11	20.59 -3.77 6.41	23.58 -3.40 6.24	24.60 -3.73 6.79
OZONE_PARK_ESR 323760	36.74 1.93 0.00	33.40 1.79 0.00	28.90 1.66 0.00	29.75 1.62 0.00	32.46 1.72 0.00	35.67 1.76 0.00	41.38 2.00 0.00	44.04 2.34 0.00	43.53 2.54 0.00	35.26 2.44 0.00	32.65 2.35 0.00	35.20 2.49 0.00	33.69 2.34 0.00	27.02 1.97 0.00	24.29 1.77 0.00	31.81 2.25 0.00	33.94 2.28 0.00	38.52 2.51 0.00	66.27 4.00 0.00	53.89 3.57 0.00	45.98 2.95 0.00	32.83 2.07 0.00	35.30 2.08 0.00	37.17 2.05 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	14.64 -3.86 16.31	22.21 -3.65 5.75	18.20 -3.28 5.75	18.68 -3.36 6.10	20.44 -3.84 6.47	22.96 -4.05 6.90	27.06 -4.60 7.72	25.04 -5.40 11.25	18.92 -5.18 16.89	21.16 -4.54 7.12	19.89 -4.07 6.33	22.04 -4.02 6.65	22.11 -3.57 5.67	16.78 -2.73 5.52	15.10 -2.42 4.99	20.64 -3.24 5.67	21.30 -3.77 6.59	24.85 -4.26 6.91	44.90 -7.29 10.08	35.03 -6.08 9.21	29.83 -5.09 8.11	20.59 -3.77 6.41	23.58 -3.40 6.24	24.60 -3.73 6.79
PACKARD__115KV_DUPONT_184 80571	14.64 -3.86 16.31	22.21 -3.65 5.75	18.20 -3.28 5.75	18.68 -3.36 6.10	20.44 -3.84 6.47	22.96 -4.05 6.90	27.06 -4.60 7.72	25.04 -5.40 11.25	18.92 -5.18 16.89	21.16 -4.54 7.12	19.89 -4.07 6.33	22.04 -4.02 6.65	22.11 -3.57 5.67	16.78 -2.73 5.52	15.10 -2.42 4.99	20.64 -3.24 5.67	21.30 -3.77 6.59	24.85 -4.26 6.91	44.90 -7.29 10.08	35.03 -6.08 9.21	29.83 -5.09 8.11	20.59 -3.77 6.41	23.58 -3.40 6.24	24.60 -3.73 6.79
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.35 1.54 0.00	33.09 1.48 0.00	28.62 1.38 0.00	29.49 1.35 0.00	32.17 1.43 0.00	35.30 1.39 0.00	40.97 1.59 0.00	43.63 1.93 0.00	43.12 2.13 0.00	34.89 2.07 0.00	32.27 1.98 0.00	34.75 2.04 0.00	33.30 1.96 0.00	26.70 1.66 0.00	24.00 1.48 0.00	31.40 1.84 0.00	33.53 1.87 0.00	37.97 1.95 0.00	65.41 3.14 0.00	53.21 2.89 0.00	45.43 2.40 0.00	32.46 1.70 0.00	34.94 1.72 0.00	36.89 1.77 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.52 1.70 0.00	33.24 1.63 0.00	28.63 1.40 0.00	29.52 1.39 0.00	32.22 1.48 0.00	35.38 1.47 0.00	41.05 1.67 0.00	43.76 2.06 0.00	43.21 2.22 0.00	34.95 2.13 0.00	32.29 2.00 0.00	34.78 2.07 0.00	33.33 1.98 0.00	26.70 1.66 0.00	24.00 1.48 0.00	31.43 1.87 0.00	33.56 1.89 0.00	37.99 1.97 0.00	65.50 3.23 0.00	53.25 2.93 0.00	45.52 2.49 0.00	32.47 1.70 0.00	34.96 1.74 0.00	37.00 1.88 0.00
PATROON__115KV_TB1 80586	36.10 1.29 0.00	32.78 1.18 0.00	28.31 1.08 0.00	29.28 1.14 0.00	31.97 1.23 0.00	35.20 1.30 0.00	40.83 1.44 0.00	43.36 1.66 0.00	42.66 1.67 0.00	34.22 1.40 0.00	31.58 1.29 0.00	34.02 1.31 0.00	32.48 1.13 0.00	25.89 0.85 0.00	23.29 0.77 0.00	30.66 1.10 0.00	32.93 1.27 0.00	37.52 1.50 0.00	64.81 2.54 0.00	52.42 2.10 0.00	44.83 1.80 0.00	32.08 1.31 0.00	34.53 1.31 0.00	36.51 1.40 0.00
PATTRSNVILLE__SOLAR 323815	35.85 1.04 0.00	32.56 0.95 0.00	28.08 0.84 0.00	29.00 0.86 0.00	31.69 0.95 0.00	34.95 1.05 0.00	40.57 1.19 0.00	43.02 1.32 0.00	42.16 1.17 0.00	33.63 0.82 0.00	30.94 0.65 0.00	33.25 0.54 0.00	31.75 0.40 0.00	25.35 0.31 0.00	22.88 0.36 0.00	30.09 0.53 0.00	32.30 0.63 0.00	36.84 0.82 0.00	64.10 1.84 0.00	52.02 1.69 0.00	44.48 1.45 0.00	31.78 1.02 0.00	34.26 1.03 0.00	36.20 1.09 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	14.70 -2.52 17.59	25.21 -2.42 3.97	21.04 -2.22 3.97	21.69 -2.23 4.22	23.72 -2.55 4.47	26.36 -2.78 4.77	30.84 -3.20 5.34	28.32 -3.73 9.65	20.15 -3.46 17.38	24.42 -3.26 5.14	23.04 -2.87 4.38	25.36 -2.75 4.60	25.08 -2.34 3.93	19.43 -1.79 3.82	17.43 -1.64 3.45	23.44 -2.20 3.92	24.52 -2.58 4.56	28.27 -2.97 4.78	50.32 -4.97 6.97	39.82 -4.13 6.37	34.00 -3.42 5.61	23.77 -2.56 4.43	26.71 -2.19 4.32	27.88 -2.54 4.69
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	36.48 1.67 0.00	33.15 1.55 0.00	28.68 1.45 0.00	29.58 1.44 0.00	32.28 1.54 0.00	35.51 1.60 0.00	41.23 1.85 0.00	43.85 2.15 0.00	43.28 2.30 0.00	34.95 2.14 0.00	32.35 2.06 0.00	34.91 2.20 0.00	33.45 2.10 0.00	26.77 1.73 0.00	24.05 1.53 0.00	31.51 1.95 0.00	33.67 2.01 0.00	38.28 2.27 0.00	66.01 3.74 0.00	53.58 3.26 0.00	45.72 2.69 0.00	32.66 1.89 0.00	35.10 1.88 0.00	36.94 1.83 0.00
PEEKSKILL____ 23653	36.06 1.25 0.00	32.77 1.16 0.00	28.35 1.12 0.00	29.22 1.09 0.00	31.90 1.17 0.00	35.09 1.18 0.00	40.73 1.35 0.00	43.30 1.60 0.00	42.73 1.75 0.00	34.49 1.67 0.00	31.92 1.63 0.00	34.46 1.75 0.00	33.01 1.66 0.00	26.42 1.38 0.00	23.75 1.23 0.00	31.10 1.54 0.00	33.23 1.56 0.00	37.76 1.75 0.00	65.08 2.82 0.00	52.82 2.49 0.00	45.09 2.06 0.00	32.20 1.44 0.00	34.63 1.42 0.00	36.45 1.34 0.00

PGE MADISON___WINDPWR 24146	58.44 -0.13 -23.76	32.75 -0.19 -1.34	28.42 -0.15 -1.34	29.45 -0.11 -1.42	32.07 -0.17 -1.51	35.38 -0.13 -1.61	41.24 0.06 -1.80	50.30 0.06 -8.54	62.80 -0.17 -21.97	34.44 -0.72 -2.35	30.78 -0.99 -1.48	33.37 -0.89 -1.55	31.98 -0.69 -1.32	25.88 -0.44 -1.29	23.33 -0.35 -1.16	30.23 -0.65 -1.32	32.74 -0.46 -1.54	37.23 -0.39 -1.61	64.19 -0.43 -2.35	52.86 0.39 -2.15	45.29 0.36 -1.89	32.34 0.08 -1.50	34.72 0.05 -1.46	36.57 -0.12 -1.58
PIERCEFIELD___HYD 23852	34.96 0.15 0.00	31.62 0.01 0.00	27.07 -0.16 0.00	27.93 -0.21 0.00	30.60 -0.14 0.00	33.92 0.01 0.00	39.48 0.09 0.00	41.61 -0.09 0.00	40.69 -0.30 0.00	32.39 -0.42 0.00	29.77 -0.52 0.00	32.09 -0.62 0.00	30.77 -0.58 0.00	25.09 -0.50 -0.55	22.11 -0.41 0.00	29.06 -0.50 0.00	31.23 -0.43 0.00	35.81 -0.21 0.00	62.08 -0.18 0.00	51.55 -0.43 -1.66	48.95 -0.37 -6.28	36.94 -0.28 -6.45	39.73 -0.23 -6.74	41.94 -0.18 -7.00
PINELAWN_CC_1 323563	36.67 1.86 0.00	33.30 1.69 0.00	28.93 1.70 0.00	29.78 1.64 0.00	32.52 1.78 0.00	35.73 1.82 0.00	41.49 2.11 0.00	44.16 2.46 0.00	43.71 2.72 0.00	35.16 2.35 0.00	32.74 2.44 0.00	35.33 2.62 0.00	33.68 2.33 0.00	27.10 2.06 0.00	24.39 1.87 0.00	31.92 2.35 0.00	33.99 2.33 0.00	38.59 2.57 0.00	66.62 4.36 0.00	53.83 3.50 0.00	46.10 3.06 0.00	32.90 2.13 0.00	35.46 2.24 0.00	37.19 2.08 0.00
PJM_GEN_HTP_PROXY 323702	36.44 1.57 -0.05	33.08 1.47 0.00	28.62 1.40 0.00	29.49 1.36 0.00	32.19 1.45 0.00	35.36 1.45 0.00	41.01 1.63 0.00	43.63 1.92 0.00	43.14 2.15 0.00	34.92 2.11 0.00	32.33 2.15 0.00	34.86 2.01 0.00	33.36 2.01 0.00	26.74 1.69 0.00	24.05 1.53 0.00	31.48 1.92 0.00	33.60 1.93 0.00	38.14 2.12 0.00	65.62 3.35 0.00	53.32 3.00 0.00	45.49 2.46 0.00	32.51 1.75 0.00	34.96 1.74 0.00	36.81 1.70 0.00
PJM_GEN_KEystone 24065	25.53 -0.87 8.41	30.89 -0.72 0.00	26.67 -0.56 0.00	27.57 -0.57 0.00	30.06 -0.67 0.00	33.12 -0.79 0.00	38.42 -0.96 0.00	38.07 -1.13 2.51	32.29 -1.05 7.65	31.79 -0.73 0.29	29.73 -0.57 0.00	32.24 -0.47 0.00	31.01 -0.34 0.00	24.83 -0.21 0.00	22.31 -0.21 0.00	29.23 -0.33 0.00	31.19 -0.47 0.00	35.39 -0.62 0.00	61.07 -1.20 0.00	49.51 -0.81 0.00	42.32 -0.71 0.00	30.16 -0.60 0.00	32.72 -0.50 0.00	34.41 -0.70 0.00
PJM_GEN_NEPTUNE_PROXY 323594	36.40 1.54 -0.05	33.03 1.42 0.00	28.66 1.43 0.00	29.52 1.38 0.00	32.23 1.50 0.00	35.41 1.50 0.00	41.11 1.73 0.00	43.73 2.02 0.00	43.26 2.27 0.00	34.86 2.04 0.00	32.41 2.12 0.00	34.98 2.27 0.00	33.40 2.05 0.00	26.84 1.80 0.00	24.15 1.63 0.00	31.59 2.03 0.00	33.65 1.99 0.00	38.20 2.18 0.00	65.86 3.59 0.00	53.29 2.96 0.00	45.59 2.56 0.00	32.56 1.80 0.00	35.08 1.86 0.00	36.84 1.73 0.00
PJM_GEN_VFT_PROXY 323633	36.34 1.47 -0.05	32.98 1.37 0.00	28.57 1.33 0.00	29.40 1.26 0.00	32.08 1.35 0.00	35.25 1.35 0.00	40.89 1.50 0.00	43.50 1.80 0.00	43.01 2.02 0.00	34.83 2.01 0.00	32.22 1.93 0.00	34.73 2.02 0.00	33.26 1.92 0.00	26.66 1.62 0.00	23.98 1.46 0.00	31.37 1.81 0.00	33.48 1.82 0.00	38.01 1.99 0.00	65.37 3.11 0.00	53.11 2.78 0.00	45.31 2.28 0.00	32.37 1.60 0.00	34.80 1.58 0.00	36.66 1.55 0.00
PLATSBURG_115KV_PMLD1 355749	35.27 0.46 0.00	31.66 0.06 0.00	26.94 -0.29 0.00	27.74 -0.39 0.00	30.57 -0.17 0.00	34.09 0.18 0.00	39.77 0.39 0.00	41.51 -0.19 0.00	40.77 -0.22 0.00	33.03 0.21 0.00	30.40 0.11 0.00	32.51 -0.21 0.00	30.90 -0.45 0.00	20.55 -0.70 3.79	22.06 -0.46 0.00	29.20 -0.36 0.00	31.55 -0.11 0.00	36.32 0.30 0.00	62.96 0.69 0.00	38.31 -1.18 10.83	0.98 -1.05 41.00	-12.17 -0.80 42.14	-11.69 -0.87 44.04	-11.50 -0.88 45.73
PLEASANTVLY___LBMP 24000	36.08 1.26 0.00	32.79 1.19 0.00	28.37 1.14 0.00	29.27 1.13 0.00	31.95 1.21 0.00	35.13 1.23 0.00	40.75 1.37 0.00	43.33 1.63 0.00	42.73 1.74 0.00	34.47 1.65 0.00	31.89 1.59 0.00	34.40 1.69 0.00	32.94 1.60 0.00	26.35 1.31 0.00	23.67 1.15 0.00	31.05 1.49 0.00	33.19 1.53 0.00	37.72 1.70 0.00	65.03 2.76 0.00	52.76 2.43 0.00	45.04 2.01 0.00	32.20 1.43 0.00	34.64 1.41 0.00	36.50 1.39 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	36.28 1.47 0.00	32.98 1.37 0.00	28.55 1.32 0.00	29.41 1.28 0.00	32.10 1.36 0.00	35.30 1.39 0.00	40.96 1.58 0.00	43.55 1.84 0.00	42.98 1.99 0.00	34.73 1.91 0.00	32.14 1.85 0.00	34.68 1.97 0.00	33.22 1.87 0.00	26.60 1.56 0.00	23.92 1.40 0.00	31.35 1.79 0.00	33.46 1.80 0.00	38.02 2.00 0.00	65.48 3.21 0.00	53.17 2.84 0.00	45.37 2.34 0.00	32.44 1.68 0.00	34.86 1.64 0.00	36.73 1.61 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.28 1.47 0.00	32.98 1.37 0.00	28.55 1.32 0.00	29.41 1.28 0.00	32.10 1.36 0.00	35.30 1.39 0.00	40.96 1.58 0.00	43.55 1.84 0.00	42.98 1.99 0.00	34.73 1.91 0.00	32.14 1.85 0.00	34.68 1.97 0.00	33.22 1.87 0.00	26.60 1.56 0.00	23.92 1.40 0.00	31.35 1.79 0.00	33.46 1.80 0.00	38.02 2.00 0.00	65.48 3.21 0.00	53.17 2.84 0.00	45.37 2.34 0.00	32.44 1.68 0.00	34.86 1.64 0.00	36.73 1.61 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.31 1.50 0.00	33.01 1.40 0.00	28.55 1.32 0.00	29.44 1.30 0.00	32.15 1.41 0.00	35.37 1.46 0.00	41.04 1.66 0.00	43.64 1.94 0.00	43.06 2.06 0.00	34.75 1.93 0.00	32.15 1.85 0.00	34.68 1.97 0.00	33.22 1.88 0.00	26.56 1.52 0.00	23.85 1.34 0.00	31.28 1.72 0.00	33.43 1.77 0.00	38.02 2.00 0.00	65.62 3.36 0.00	53.24 2.92 0.00	45.46 2.43 0.00	32.48 1.71 0.00	34.91 1.69 0.00	36.77 1.66 0.00
POLETTI___ 23519	36.46 1.64 0.00	33.16 1.55 0.00	28.71 1.48 0.00	29.56 1.42 0.00	32.25 1.51 0.00	35.43 1.53 0.00	41.08 1.70 0.00	43.72 2.02 0.00	43.21 2.22 0.00	34.99 2.18 0.00	32.40 2.10 0.00	34.92 2.21 0.00	33.44 2.09 0.00	26.81 1.77 0.00	24.10 1.58 0.00	31.56 2.00 0.00	33.67 2.01 0.00	38.21 2.19 0.00	65.73 3.47 0.00	53.42 3.09 0.00	45.58 2.54 0.00	32.57 1.81 0.00	35.02 1.80 0.00	36.90 1.79 0.00
POMONA___ESR 323819	36.03 1.22 0.00	32.74 1.14 0.00	28.33 1.09 0.00	29.20 1.07 0.00	31.87 1.14 0.00	35.07 1.16 0.00	40.70 1.32 0.00	43.27 1.57 0.00	42.70 1.71 0.00	34.46 1.65 0.00	31.89 1.60 0.00	34.43 1.72 0.00	33.00 1.65 0.00	26.40 1.36 0.00	23.73 1.22 0.00	31.09 1.53 0.00	33.21 1.55 0.00	37.75 1.73 0.00	65.03 2.77 0.00	52.80 2.48 0.00	45.08 2.04 0.00	32.17 1.41 0.00	34.61 1.39 0.00	36.42 1.31 0.00
PORT_JEFF_3 23555	36.70 1.88 0.00	33.33 1.72 0.00	29.04 1.81 0.00	29.89 1.76 0.00	32.69 1.95 0.00	35.90 1.99 0.00	41.73 2.35 0.00	44.41 2.70 0.00	43.95 2.96 0.00	35.20 2.39 0.00	32.77 2.47 0.00	35.38 2.67 0.00	33.71 2.36 0.00	27.16 2.13 0.00	24.45 1.93 0.00	31.99 2.43 0.00	33.98 2.32 0.00	38.63 2.61 0.00	66.87 4.60 0.00	53.92 3.59 0.00	46.27 3.24 0.00	33.01 2.25 0.00	35.58 2.36 0.00	37.28 2.17 0.00

PORT_JEFF_4 23616	36.70 1.88 0.00	33.33 1.72 0.00	29.04 1.81 0.00	29.89 1.76 0.00	32.69 1.95 0.00	35.90 1.99 0.00	41.73 2.35 0.00	44.41 2.70 0.00	43.95 2.96 0.00	35.20 2.39 0.00	32.77 2.47 0.00	35.38 2.67 0.00	33.71 2.36 0.00	27.16 2.13 0.00	24.45 1.93 0.00	31.99 2.43 0.00	33.98 2.32 0.00	38.63 2.61 0.00	66.87 4.60 0.00	53.92 3.59 0.00	46.27 3.24 0.00	33.01 2.25 0.00	35.58 2.36 0.00	37.28 2.17 0.00
PORT_JEFF_IC 23713	36.67 1.86 0.00	33.32 1.71 0.00	29.05 1.82 0.00	29.91 1.77 0.00	32.74 2.00 0.00	35.93 2.03 0.00	41.76 2.38 0.00	44.45 2.74 0.00	43.98 2.99 0.00	35.20 2.39 0.00	32.77 2.48 0.00	35.39 2.67 0.00	33.72 2.38 0.00	27.17 2.13 0.00	24.45 1.93 0.00	32.00 2.44 0.00	33.98 2.32 0.00	38.62 2.60 0.00	66.93 4.66 0.00	53.94 3.61 0.00	46.30 3.27 0.00	33.04 2.28 0.00	35.61 2.39 0.00	37.29 2.18 0.00
PPL_PILGRIM_ST_GT1 24216	36.85 2.04 0.00	33.46 1.86 0.00	29.11 1.88 0.00	29.96 1.83 0.00	32.74 2.00 0.00	35.95 2.04 0.00	41.77 2.39 0.00	44.45 2.74 0.00	43.97 2.98 0.00	35.32 2.50 0.00	32.89 2.60 0.00	35.51 2.80 0.00	33.84 2.49 0.00	27.26 2.22 0.00	24.54 2.02 0.00	32.09 2.53 0.00	34.15 2.49 0.00	38.80 2.78 0.00	67.00 4.73 0.00	54.09 3.76 0.00	46.34 3.31 0.00	33.08 2.32 0.00	35.66 2.44 0.00	37.39 2.28 0.00
PPL_PILGRIM_ST_GT2 24217	36.85 2.04 0.00	33.46 1.86 0.00	29.11 1.88 0.00	29.96 1.83 0.00	32.74 2.00 0.00	35.95 2.04 0.00	41.77 2.39 0.00	44.45 2.74 0.00	43.97 2.98 0.00	35.32 2.50 0.00	32.89 2.60 0.00	35.51 2.80 0.00	33.84 2.49 0.00	27.26 2.22 0.00	24.54 2.02 0.00	32.09 2.53 0.00	34.15 2.49 0.00	38.80 2.78 0.00	67.00 4.73 0.00	54.09 3.76 0.00	46.34 3.31 0.00	33.08 2.32 0.00	35.66 2.44 0.00	37.39 2.28 0.00
PPL_SHRM_GT3 24213	36.50 1.69 0.00	33.14 1.53 0.00	29.14 1.90 0.00	30.00 1.86 0.00	33.11 2.37 0.00	36.37 2.46 0.00	42.28 2.90 0.00	45.04 3.34 0.00	44.57 3.58 0.00	35.06 2.25 0.00	32.46 2.17 0.00	35.22 2.51 0.00	33.50 2.15 0.00	27.02 1.98 0.00	24.32 1.80 0.00	31.85 2.29 0.00	33.49 1.83 0.00	38.16 2.14 0.00	67.25 4.99 0.00	53.65 3.32 0.00	46.49 3.46 0.00	33.07 2.31 0.00	35.77 2.55 0.00	37.28 2.17 0.00
PPL_SHRM_GT4 24214	36.50 1.69 0.00	33.14 1.53 0.00	29.14 1.90 0.00	30.00 1.86 0.00	33.11 2.37 0.00	36.37 2.46 0.00	42.28 2.90 0.00	45.04 3.34 0.00	44.57 3.58 0.00	35.06 2.25 0.00	32.46 2.17 0.00	35.22 2.51 0.00	33.50 2.15 0.00	27.02 1.98 0.00	24.32 1.80 0.00	31.85 2.29 0.00	33.49 1.83 0.00	38.16 2.14 0.00	67.25 4.99 0.00	53.65 3.32 0.00	46.49 3.46 0.00	33.07 2.31 0.00	35.77 2.55 0.00	37.28 2.17 0.00
PROJECT___ORANGE 1 24174	33.80 -1.01 0.00	30.72 -0.88 0.00	26.46 -0.77 0.00	27.36 -0.77 0.00	29.88 -0.86 0.00	32.97 -0.94 0.00	38.31 -1.07 0.00	40.53 -1.17 0.00	39.79 -1.20 0.00	31.72 -1.10 0.00	29.26 -1.03 0.00	31.68 -1.04 0.00	30.40 -0.94 0.00	24.31 -0.73 0.00	21.87 -0.66 0.00	28.67 -0.89 0.00	30.73 -0.93 0.00	34.90 -1.12 0.00	60.35 -1.91 0.00	48.91 -1.41 0.00	41.82 -1.21 0.00	29.88 -0.88 0.00	32.30 -0.92 0.00	34.14 -0.97 0.00
PROJECT___ORANGE 2 24166	33.80 -1.01 0.00	30.72 -0.88 0.00	26.46 -0.77 0.00	27.36 -0.77 0.00	29.88 -0.86 0.00	32.97 -0.94 0.00	38.31 -1.07 0.00	40.53 -1.17 0.00	39.79 -1.20 0.00	31.72 -1.10 0.00	29.26 -1.03 0.00	31.68 -1.04 0.00	30.40 -0.94 0.00	24.31 -0.73 0.00	21.87 -0.66 0.00	28.67 -0.89 0.00	30.73 -0.93 0.00	34.90 -1.12 0.00	60.35 -1.91 0.00	48.91 -1.41 0.00	41.82 -1.21 0.00	29.88 -0.88 0.00	32.30 -0.92 0.00	34.14 -0.97 0.00
PUCKETT___SOLAR 323809	33.93 -0.88 0.00	30.87 -0.74 0.00	26.60 -0.63 0.00	27.54 -0.59 0.00	30.07 -0.67 0.00	33.16 -0.75 0.00	38.55 -0.83 0.00	40.75 -0.96 0.00	39.92 -1.07 0.00	31.69 -1.13 0.00	29.11 -1.18 0.00	31.58 -1.14 0.00	30.36 -0.99 0.00	24.33 -0.71 0.00	21.92 -0.61 0.00	28.66 -0.90 0.00	30.78 -0.88 0.00	34.99 -1.03 0.00	60.70 -1.57 0.00	49.44 -0.89 0.00	42.31 -0.72 0.00	30.15 -0.61 0.00	32.60 -0.62 0.00	34.36 -0.75 0.00
PYRITES___HYD 24023	35.79 0.97 0.00	32.38 0.77 0.00	27.73 0.49 0.00	28.58 0.44 0.00	31.30 0.56 0.00	34.68 0.77 0.00	40.44 1.06 0.00	42.62 0.91 0.00	41.58 0.60 0.00	32.90 0.08 0.00	30.14 -0.15 0.00	32.51 -0.21 0.00	31.22 -0.13 0.00	25.39 -0.13 -0.49	22.47 -0.05 0.00	29.52 -0.04 0.00	31.79 0.13 0.00	36.60 0.58 0.00	63.49 1.22 0.00	52.70 0.88 0.00	49.43 0.76 -1.49	37.07 0.50 -5.80	39.90 0.62 -6.06	42.09 0.69 -6.29
QUAKERRD_115KV_BK1 80622	24.24 -2.60 7.97	29.29 -2.32 0.00	25.14 -2.09 0.00	26.02 -2.11 0.00	28.38 -2.35 0.00	31.34 -2.57 0.00	36.44 -2.94 0.00	36.01 -3.33 2.36	30.48 -3.30 7.21	29.68 -2.87 0.27	27.72 -2.57 0.00	30.09 -2.62 0.00	28.99 -2.35 0.00	23.25 -1.80 0.00	20.93 -1.59 0.00	27.44 -2.12 0.00	29.25 -2.41 0.00	33.26 -2.76 0.00	57.56 -4.71 0.00	46.56 -3.76 0.00	39.85 -3.18 0.00	28.40 -2.36 0.00	30.93 -2.29 0.00	32.61 -2.50 0.00
QUEENSBRY_115KV_TB8 356137	37.13 2.32 0.00	33.70 2.09 0.00	29.06 1.83 0.00	30.07 1.94 0.00	32.91 2.17 0.00	36.36 2.46 0.00	42.10 2.72 0.00	44.68 2.98 0.00	43.83 2.84 0.00	35.01 2.19 0.00	32.03 1.73 0.00	34.35 1.63 0.00	32.68 1.34 0.00	26.03 0.99 0.00	23.52 1.00 0.00	31.15 1.59 0.00	33.60 1.94 0.00	38.58 2.57 0.00	66.67 4.41 0.00	53.78 3.45 0.00	45.84 2.81 0.00	32.86 2.10 0.00	35.38 2.16 0.00	37.42 2.31 0.00
RAMAPO___LBMP 323565	35.87 1.06 0.00	32.59 0.98 0.00	28.20 0.97 0.00	29.08 0.95 0.00	31.74 1.00 0.00	34.92 1.02 0.00	40.53 1.15 0.00	43.10 1.39 0.00	42.50 1.50 0.00	34.30 1.48 0.00	31.74 1.45 0.00	34.26 1.54 0.00	32.85 1.49 0.00	26.28 1.24 0.00	23.62 1.10 0.00	30.94 1.38 0.00	33.06 1.40 0.00	37.58 1.56 0.00	64.73 2.46 0.00	52.56 2.24 0.00	44.86 1.82 0.00	32.02 1.26 0.00	34.45 1.23 0.00	36.25 1.14 0.00
RANKINE____ 23646	14.71 -2.91 17.19	24.42 -2.72 4.48	20.25 -2.50 4.48	20.85 -2.53 4.75	22.82 -2.89 5.04	25.37 -3.16 5.38	29.74 -3.63 6.01	27.33 -4.27 10.10	19.74 -4.04 17.21	23.48 -3.63 5.70	22.12 -3.23 4.94	24.42 -3.12 5.18	24.22 -2.71 4.42	18.67 -2.06 4.31	16.74 -1.88 3.89	22.63 -2.51 4.42	23.59 -2.93 5.14	27.29 -3.34 5.38	48.77 -5.64 7.86	38.46 -4.68 7.18	32.81 -3.90 6.32	22.86 -2.91 5.00	25.82 -2.53 4.87	26.93 -2.89 5.29
RAVENSWOOD_GT2_1 24244	36.46 1.64 0.00	33.15 1.54 0.00	28.70 1.47 0.00	29.56 1.42 0.00	32.25 1.51 0.00	35.43 1.52 0.00	41.08 1.70 0.00	43.72 2.01 0.00	43.21 2.22 0.00	34.98 2.17 0.00	32.38 2.09 0.00	34.89 2.18 0.00	33.41 2.06 0.00	26.78 1.74 0.00	24.08 1.56 0.00	31.53 1.97 0.00	33.64 1.98 0.00	38.17 2.15 0.00	65.69 3.43 0.00	53.39 3.06 0.00	45.56 2.52 0.00	32.55 1.78 0.00	35.01 1.79 0.00	36.87 1.76 0.00

RAVENSWOOD_GT2_2 24245	36.46 1.64 0.00	33.15 1.54 0.00	28.70 1.47 0.00	29.56 1.42 0.00	32.25 1.51 0.00	35.43 1.52 0.00	41.08 1.70 0.00	43.72 2.01 0.00	43.21 2.22 0.00	34.98 2.17 0.00	32.38 2.09 0.00	34.89 2.18 0.00	33.41 2.06 0.00	26.78 1.74 0.00	24.08 1.56 0.00	31.53 1.97 0.00	33.64 1.98 0.00	38.17 2.15 0.00	65.69 3.43 0.00	53.39 3.06 0.00	45.56 2.52 0.00	32.55 1.78 0.00	35.01 1.79 0.00	36.87 1.76 0.00
RAVENSWOOD_GT2_3 24246	36.47 1.66 0.00	33.17 1.56 0.00	28.71 1.48 0.00	29.57 1.43 0.00	32.26 1.53 0.00	35.44 1.53 0.00	41.10 1.72 0.00	43.74 2.04 0.00	43.22 2.23 0.00	34.99 2.18 0.00	32.39 2.10 0.00	34.91 2.20 0.00	33.43 2.08 0.00	26.79 1.75 0.00	24.09 1.57 0.00	31.54 1.98 0.00	33.65 1.99 0.00	38.19 2.17 0.00	65.73 3.46 0.00	53.40 3.08 0.00	45.57 2.54 0.00	32.57 1.80 0.00	35.01 1.79 0.00	36.88 1.77 0.00
RAVENSWOOD_GT2_4 24247	36.47 1.66 0.00	33.17 1.56 0.00	28.71 1.48 0.00	29.57 1.43 0.00	32.26 1.53 0.00	35.44 1.53 0.00	41.10 1.72 0.00	43.74 2.04 0.00	43.22 2.23 0.00	34.99 2.18 0.00	32.39 2.10 0.00	34.91 2.20 0.00	33.43 2.08 0.00	26.79 1.75 0.00	24.09 1.57 0.00	31.54 1.98 0.00	33.65 1.99 0.00	38.19 2.17 0.00	65.73 3.46 0.00	53.40 3.08 0.00	45.57 2.54 0.00	32.57 1.80 0.00	35.01 1.79 0.00	36.88 1.77 0.00
RAVENSWOOD_GT3_1 24248	36.46 1.64 0.00	33.15 1.55 0.00	28.70 1.47 0.00	29.56 1.42 0.00	32.25 1.51 0.00	35.43 1.52 0.00	41.08 1.70 0.00	43.72 2.01 0.00	43.21 2.22 0.00	34.98 2.17 0.00	32.38 2.09 0.00	34.89 2.18 0.00	33.41 2.07 0.00	26.78 1.74 0.00	24.08 1.56 0.00	31.53 1.97 0.00	33.64 1.98 0.00	38.18 2.16 0.00	65.69 3.43 0.00	53.39 3.06 0.00	45.56 2.52 0.00	32.55 1.78 0.00	35.01 1.79 0.00	36.87 1.76 0.00
RAVENSWOOD_GT3_2 24249	36.46 1.64 0.00	33.15 1.55 0.00	28.70 1.47 0.00	29.56 1.42 0.00	32.25 1.51 0.00	35.43 1.52 0.00	41.08 1.70 0.00	43.72 2.01 0.00	43.21 2.22 0.00	34.98 2.17 0.00	32.38 2.09 0.00	34.89 2.18 0.00	33.41 2.07 0.00	26.78 1.74 0.00	24.08 1.56 0.00	31.53 1.97 0.00	33.64 1.98 0.00	38.18 2.16 0.00	65.69 3.43 0.00	53.39 3.06 0.00	45.56 2.52 0.00	32.55 1.78 0.00	35.01 1.79 0.00	36.87 1.76 0.00
RAVENSWOOD_GT3_3 24250	36.50 1.69 0.00	33.20 1.59 0.00	28.74 1.50 0.00	29.60 1.46 0.00	32.29 1.55 0.00	35.47 1.56 0.00	41.14 1.76 0.00	43.78 2.08 0.00	43.27 2.28 0.00	35.02 2.21 0.00	32.42 2.13 0.00	34.95 2.23 0.00	33.46 2.11 0.00	26.82 1.78 0.00	24.11 1.59 0.00	31.57 2.01 0.00	33.68 2.02 0.00	38.23 2.21 0.00	65.79 3.52 0.00	53.45 3.13 0.00	45.62 2.58 0.00	32.60 1.83 0.00	35.05 1.83 0.00	36.91 1.80 0.00
RAVENSWOOD_GT3_4 24251	36.50 1.69 0.00	33.20 1.59 0.00	28.74 1.50 0.00	29.60 1.46 0.00	32.29 1.55 0.00	35.47 1.56 0.00	41.14 1.76 0.00	43.78 2.08 0.00	43.27 2.28 0.00	35.02 2.21 0.00	32.42 2.13 0.00	34.95 2.23 0.00	33.46 2.11 0.00	26.82 1.78 0.00	24.11 1.59 0.00	31.57 2.01 0.00	33.68 2.02 0.00	38.23 2.21 0.00	65.79 3.52 0.00	53.45 3.13 0.00	45.62 2.58 0.00	32.60 1.83 0.00	35.05 1.83 0.00	36.91 1.80 0.00
RAVENSWOOD_GT_1 23729	40.61 1.76 -4.04	37.59 1.66 -4.32	33.97 1.57 -5.18	34.65 1.52 -4.99	36.75 1.62 -4.39	39.19 1.59 -3.70	43.69 1.78 -2.53	45.84 2.12 -2.02	45.65 2.32 -2.34	39.33 2.28 -4.23	37.34 2.19 -4.86	38.54 2.29 -3.54	37.21 2.18 -3.69	32.02 1.84 -5.14	29.90 1.65 -5.73	35.81 2.07 -4.19	37.55 2.08 -3.81	41.06 2.23 -2.81	66.43 3.53 -0.63	53.65 3.18 -0.15	47.76 2.63 -2.10	36.69 1.88 -4.05	38.43 1.89 -3.33	39.88 1.88 -2.89
RAVENSWOOD_GT_10 24258	36.92 1.64 -0.47	33.65 1.54 -0.50	29.29 1.47 -0.60	30.13 1.42 -0.58	32.75 1.51 -0.51	35.85 1.52 -0.43	41.37 1.70 -0.29	43.95 2.01 -0.23	43.48 2.22 -0.27	35.46 2.16 -0.49	32.94 2.09 -0.56	35.30 2.18 -0.41	33.83 2.06 -0.43	27.37 1.74 -0.59	24.74 1.56 -0.66	32.00 1.96 -0.48	34.08 1.98 -0.44	38.50 2.15 -0.33	65.76 3.43 -0.07	53.40 3.06 -0.02	45.80 2.52 -0.24	33.01 1.78 -0.47	35.38 1.78 -0.38	37.20 1.75 -0.33
RAVENSWOOD_GT_11 24259	36.92 1.64 -0.47	33.65 1.54 -0.50	29.29 1.47 -0.60	30.13 1.42 -0.58	32.75 1.51 -0.51	35.85 1.52 -0.43	41.37 1.70 -0.29	43.95 2.01 -0.23	43.48 2.22 -0.27	35.46 2.16 -0.49	32.94 2.09 -0.56	35.30 2.18 -0.41	33.83 2.06 -0.43	27.37 1.74 -0.59	24.74 1.56 -0.66	32.00 1.96 -0.48	34.08 1.98 -0.44	38.50 2.15 -0.33	65.76 3.43 -0.07	53.40 3.06 -0.02	45.80 2.52 -0.24	33.01 1.78 -0.47	35.38 1.78 -0.38	37.20 1.75 -0.33
RAVENSWOOD_GT_4 24252	39.51 1.63 -3.07	36.42 1.53 -3.29	32.62 1.45 -3.94	33.34 1.41 -3.80	35.58 1.50 -3.35	38.23 1.52 -2.81	43.00 1.70 -1.93	45.24 2.00 -1.54	44.98 2.21 -1.78	38.18 2.15 -3.22	36.07 2.08 -3.70	37.58 2.17 -2.70	36.21 2.05 -2.81	30.67 1.72 -3.91	28.43 1.55 -4.36	34.70 1.95 -3.19	36.53 1.97 -2.90	40.31 2.15 -2.14	66.16 3.41 -0.48	53.48 3.05 -0.11	47.14 2.51 -1.60	35.63 1.78 -3.08	37.53 1.77 -2.53	39.05 1.74 -2.20
RAVENSWOOD_GT_5 24254	39.51 1.63 -3.07	36.42 1.53 -3.29	32.62 1.45 -3.94	33.34 1.41 -3.80	35.58 1.50 -3.35	38.23 1.52 -2.81	43.00 1.70 -1.93	45.24 2.00 -1.54	44.98 2.21 -1.78	38.18 2.15 -3.22	36.07 2.08 -3.70	37.58 2.17 -2.70	36.21 2.05 -2.81	30.67 1.72 -3.91	28.43 1.55 -4.36	34.70 1.95 -3.19	36.53 1.97 -2.90	40.31 2.15 -2.14	66.16 3.41 -0.48	53.48 3.05 -0.11	47.14 2.51 -1.60	35.63 1.78 -3.08	37.53 1.77 -2.53	39.05 1.74 -2.20
RAVENSWOOD_GT_6 24253	39.51 1.63 -3.07	36.42 1.53 -3.29	32.62 1.45 -3.94	33.34 1.41 -3.80	35.58 1.50 -3.35	38.23 1.52 -2.81	43.00 1.70 -1.93	45.24 2.00 -1.54	44.98 2.21 -1.78	38.18 2.15 -3.22	36.07 2.08 -3.70	37.58 2.17 -2.70	36.21 2.05 -2.81	30.67 1.72 -3.91	28.43 1.55 -4.36	34.70 1.95 -3.19	36.53 1.97 -2.90	40.31 2.15 -2.14	66.16 3.41 -0.48	53.48 3.05 -0.11	47.14 2.51 -1.60	35.63 1.78 -3.08	37.53 1.77 -2.53	39.05 1.74 -2.20
RAVENSWOOD_GT_7 24255	39.51 1.63 -3.07	36.42 1.53 -3.29	32.62 1.45 -3.94	33.34 1.41 -3.80	35.58 1.50 -3.35	38.23 1.52 -2.81	43.00 1.70 -1.93	45.24 2.00 -1.54	44.98 2.21 -1.78	38.18 2.15 -3.22	36.07 2.08 -3.70	37.58 2.17 -2.70	36.21 2.05 -2.81	30.67 1.72 -3.91	28.43 1.55 -4.36	34.70 1.95 -3.19	36.53 1.97 -2.90	40.31 2.15 -2.14	66.16 3.41 -0.48	53.48 3.05 -0.11	47.14 2.51 -1.60	35.63 1.78 -3.08	37.53 1.77 -2.53	39.05 1.74 -2.20
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.92 1.64 -0.47	33.65 1.54 -0.50	29.29 1.47 -0.60	30.13 1.42 -0.58	32.75 1.51 -0.51	35.85 1.52 -0.43	41.37 1.70 -0.29	43.95 2.01 -0.23	43.48 2.22 -0.27	35.46 2.16 -0.49	32.94 2.09 -0.56	35.30 2.18 -0.41	33.83 2.06 -0.43	27.37 1.74 -0.59	24.74 1.56 -0.66	32.00 1.96 -0.48	34.08 1.98 -0.44	38.50 2.15 -0.33	65.76 3.43 -0.07	53.40 3.06 -0.02	45.80 2.52 -0.24	33.01 1.78 -0.47	35.38 1.78 -0.38	37.20 1.75 -0.33

RAVENSWOOD_GT_9 24257	36.92 1.64 -0.47	33.65 1.54 -0.50	29.29 1.47 -0.60	30.13 1.42 -0.58	32.75 1.51 -0.51	35.85 1.52 -0.43	41.37 1.70 -0.29	43.95 2.01 -0.23	43.48 2.22 -0.27	35.46 2.16 -0.49	32.94 2.09 -0.56	35.30 2.18 -0.41	33.83 2.06 -0.43	27.37 1.74 -0.59	24.74 1.56 -0.66	32.00 1.96 -0.48	34.08 1.98 -0.44	38.50 2.15 -0.33	65.76 3.43 -0.07	53.40 3.06 -0.02	45.80 2.52 -0.24	33.01 1.78 -0.47	35.38 1.78 -0.38	37.20 1.75 -0.33
RAVENSWOOD___1 23533	32.56 1.73 3.97	28.98 1.63 4.26	23.68 1.54 5.10	24.73 1.51 4.91	28.01 1.60 4.33	31.82 1.55 3.64	38.64 1.75 2.49	41.79 2.07 1.99	40.99 2.31 2.31	30.88 2.23 4.16	27.65 2.14 4.78	31.46 2.23 3.49	29.83 2.11 3.63	21.79 1.81 5.06	18.50 1.62 5.65	27.45 2.02 4.12	29.93 2.02 3.75	35.43 2.18 2.77	65.12 3.47 0.62	53.28 3.10 0.14	43.55 2.58 2.07	28.62 1.84 3.99	31.79 1.85 3.28	34.11 1.84 2.84
RAVENSWOOD___2 23534	32.56 1.73 3.97	28.98 1.63 4.26	23.68 1.54 5.10	24.73 1.51 4.91	28.01 1.60 4.33	31.82 1.55 3.64	38.64 1.75 2.49	41.79 2.07 1.99	40.99 2.31 2.31	30.88 2.23 4.16	27.65 2.14 4.78	31.46 2.23 3.49	29.83 2.11 3.63	21.79 1.81 5.06	18.50 1.62 5.65	27.45 2.02 4.12	29.93 2.02 3.75	35.43 2.18 2.77	65.12 3.47 0.62	53.28 3.10 0.14	43.55 2.58 2.07	28.62 1.84 3.99	31.79 1.85 3.28	34.11 1.84 2.84
RAVENSWOOD___3 23535	36.46 1.65 0.00	33.15 1.54 0.00	28.69 1.46 0.00	29.55 1.42 0.00	32.25 1.51 0.00	35.42 1.52 0.00	41.07 1.69 0.00	43.71 2.00 0.00	43.22 2.23 0.00	34.98 2.16 0.00	32.37 2.08 0.00	34.90 2.18 0.00	33.40 2.05 0.00	26.77 1.73 0.00	24.07 1.55 0.00	31.51 1.95 0.00	33.63 1.96 0.00	38.17 2.15 0.00	65.68 3.41 0.00	53.37 3.05 0.00	45.54 2.51 0.00	32.55 1.78 0.00	35.00 1.78 0.00	36.86 1.75 0.00
RAVENSWOOD___4 23820	32.56 1.73 3.97	28.98 1.63 4.26	23.68 1.54 5.10	24.73 1.51 4.91	28.01 1.60 4.33	31.82 1.55 3.64	38.64 1.75 2.49	41.79 2.07 1.99	40.99 2.31 2.31	30.88 2.23 4.16	27.65 2.14 4.78	31.46 2.23 3.49	29.83 2.11 3.63	21.79 1.81 5.06	18.50 1.62 5.65	27.45 2.02 4.12	29.93 2.02 3.75	35.43 2.18 2.77	65.12 3.47 0.62	53.28 3.10 0.14	43.55 2.58 2.07	28.62 1.84 3.99	31.79 1.85 3.28	34.11 1.84 2.84
RCPL_TRUST___DRP 24196	36.42 1.61 0.00	33.11 1.50 0.00	28.66 1.43 0.00	29.53 1.39 0.00	32.22 1.48 0.00	35.39 1.48 0.00	41.04 1.66 0.00	43.67 1.97 0.00	43.18 2.19 0.00	34.97 2.16 0.00	32.38 2.09 0.00	34.91 2.19 0.00	33.42 2.07 0.00	26.78 1.74 0.00	24.08 1.56 0.00	31.54 1.98 0.00	33.65 1.99 0.00	38.19 2.17 0.00	65.68 3.42 0.00	53.40 3.07 0.00	45.55 2.51 0.00	32.54 1.78 0.00	34.99 1.77 0.00	36.84 1.73 0.00
RED___ROCHESTER 323720	23.23 -2.01 9.57	28.69 -1.78 1.13	24.46 -1.64 1.13	25.28 -1.66 1.20	27.60 -1.87 1.27	30.52 -2.03 1.36	35.56 -2.30 1.52	34.93 -2.68 4.10	29.22 -2.70 9.07	28.80 -2.40 1.62	26.97 -2.07 1.25	29.36 -2.05 1.31	28.46 -1.78 1.12	22.66 -1.29 1.09	20.36 -1.18 0.98	26.88 -1.56 1.12	28.51 -1.85 1.30	32.53 -2.13 1.36	56.77 -3.51 1.99	45.71 -2.80 1.82	39.08 -2.36 1.60	27.69 -1.81 1.26	30.36 -1.63 1.23	31.94 -1.84 1.34
REGAN___SOLAR 323812	36.43 1.62 0.00	33.07 1.47 0.00	28.48 1.25 0.00	29.38 1.25 0.00	32.12 1.38 0.00	35.47 1.57 0.00	41.24 1.86 0.00	43.72 2.02 0.00	42.34 1.36 0.00	33.25 0.43 0.00	30.41 0.11 0.00	32.61 -0.11 0.00	31.08 -0.27 0.00	24.84 -0.20 0.00	22.61 0.09 0.00	29.82 0.26 0.00	31.96 0.30 0.00	36.77 0.75 0.00	64.80 2.54 0.00	52.94 2.61 0.00	45.27 2.24 0.00	32.32 1.56 0.00	34.81 1.59 0.00	36.75 1.64 0.00
RENSSELAER___COGEN 23796	35.96 1.15 0.00	32.65 1.04 0.00	28.20 0.97 0.00	29.16 1.02 0.00	31.83 1.10 0.00	35.06 1.15 0.00	40.64 1.26 0.00	43.18 1.48 0.00	42.49 1.50 0.00	34.09 1.27 0.00	31.45 1.16 0.00	33.87 1.16 0.00	32.36 1.02 0.00	25.80 0.76 0.00	23.20 0.68 0.00	30.53 0.97 0.00	32.78 1.12 0.00	37.35 1.34 0.00	64.50 2.23 0.00	52.17 1.84 0.00	44.62 1.58 0.00	31.93 1.16 0.00	34.38 1.16 0.00	36.35 1.24 0.00
REPUBLIC_115KV_BARTNBRK 55605	38.54 3.73 0.00	34.81 3.20 0.00	30.00 2.76 0.00	31.06 2.92 0.00	34.08 3.34 0.00	37.82 3.91 0.00	43.47 4.09 0.00	46.06 4.36 0.00	44.93 3.94 0.00	35.90 3.09 0.00	32.68 2.39 0.00	34.96 2.25 0.00	33.23 1.88 0.00	26.43 1.39 0.00	24.00 1.48 0.00	31.91 2.35 0.00	34.59 2.93 0.00	39.98 3.96 0.00	68.95 6.68 0.00	55.43 5.10 0.00	46.97 3.94 0.00	33.81 3.05 0.00	36.40 3.18 0.00	38.59 3.48 0.00
REVERE_CPFR_DRP 24186	35.27 0.46 0.00	31.99 0.38 0.00	27.55 0.32 0.00	28.48 0.35 0.00	31.12 0.38 0.00	34.41 0.50 0.00	40.02 0.64 0.00	42.42 0.72 0.00	41.47 0.48 0.00	32.91 0.10 0.00	30.16 -0.13 0.00	32.52 -0.19 0.00	31.13 -0.22 0.00	24.97 -0.08 0.00	22.40 -0.12 0.00	29.50 -0.06 0.00	31.80 0.14 0.00	36.42 0.40 0.00	63.14 0.87 0.00	51.26 0.94 0.00	43.78 0.75 0.00	31.27 0.50 0.00	33.69 0.47 0.00	35.58 0.47 0.00
REYNOLDS_115KV_TB3 80639	35.96 1.15 0.00	32.66 1.05 0.00	28.20 0.97 0.00	29.18 1.05 0.00	31.86 1.12 0.00	35.07 1.16 0.00	40.64 1.26 0.00	43.18 1.48 0.00	42.47 1.48 0.00	34.07 1.26 0.00	31.44 1.15 0.00	33.88 1.16 0.00	32.33 0.99 0.00	25.77 0.73 0.00	23.17 0.65 0.00	30.52 0.96 0.00	32.79 1.12 0.00	37.34 1.32 0.00	64.47 2.20 0.00	52.11 1.79 0.00	44.57 1.54 0.00	31.92 1.15 0.00	34.36 1.14 0.00	36.37 1.26 0.00
RIVERBAY____ 323610	36.52 1.70 0.00	33.24 1.63 0.00	28.63 1.40 0.00	29.52 1.39 0.00	32.22 1.48 0.00	35.38 1.47 0.00	41.05 1.67 0.00	43.76 2.06 0.00	43.21 2.22 0.00	34.95 2.13 0.00	32.29 2.00 0.00	34.78 2.07 0.00	33.33 1.98 0.00	26.70 1.66 0.00	24.00 1.48 0.00	31.43 1.87 0.00	33.56 1.89 0.00	37.99 1.97 0.00	65.50 3.23 0.00	53.25 2.93 0.00	45.52 2.49 0.00	32.47 1.70 0.00	34.96 1.74 0.00	37.00 1.88 0.00
RIVERSDE_115KV_TB3 55908	36.00 1.19 0.00	32.69 1.09 0.00	28.23 1.00 0.00	29.20 1.07 0.00	31.89 1.15 0.00	35.11 1.20 0.00	40.68 1.30 0.00	43.23 1.53 0.00	42.54 1.55 0.00	34.13 1.31 0.00	31.49 1.20 0.00	33.92 1.21 0.00	32.39 1.04 0.00	25.82 0.78 0.00	23.21 0.69 0.00	30.57 1.01 0.00	32.83 1.17 0.00	37.40 1.39 0.00	64.59 2.32 0.00	52.22 1.90 0.00	44.66 1.63 0.00	31.97 1.21 0.00	34.42 1.20 0.00	36.42 1.31 0.00
ROARING___BROOK_WT_PWR 323790	33.89 -0.93 0.00	30.77 -0.83 0.00	26.50 -0.73 0.00	27.36 -0.77 0.00	29.97 -0.76 0.00	33.09 -0.82 0.00	38.43 -0.95 0.00	40.66 -1.04 0.00	39.98 -1.01 0.00	32.01 -0.81 0.00	29.55 -0.74 0.00	31.92 -0.80 0.00	30.57 -0.78 0.00	24.42 -0.63 0.00	21.95 -0.57 0.00	28.81 -0.74 0.00	30.92 -0.74 0.00	35.08 -0.94 0.00	60.82 -1.45 0.00	49.01 -1.32 0.00	41.87 -1.16 0.00	29.94 -0.83 0.00	32.33 -0.89 0.00	34.20 -0.91 0.00

ROCHESRG_115KV_T4 355643	22.97 -2.34 9.50	28.24 -2.07 1.30	24.04 -1.89 1.30	24.84 -1.91 1.38	27.12 -2.16 1.47	30.00 -2.35 1.57	34.94 -2.69 1.75	34.29 -3.14 4.27	28.83 -3.08 9.07	28.28 -2.72 1.82	26.44 -2.41 1.44	28.80 -2.40 1.51	27.95 -2.11 1.29	22.22 -1.57 1.26	19.97 -1.41 1.13	26.38 -1.90 1.29	27.96 -2.21 1.50	31.92 -2.53 1.57	55.74 -4.23 2.29	44.79 -3.44 2.09	38.30 -2.89 1.84	27.14 -2.17 1.46	29.80 -2.00 1.42	31.36 -2.21 1.54
ROCHESTER_9_IC 23652	23.06 -2.18 9.57	28.54 -1.94 1.13	24.32 -1.78 1.13	25.14 -1.80 1.20	27.44 -2.03 1.27	30.35 -2.21 1.36	35.35 -2.51 1.52	34.66 -2.94 4.10	29.02 -2.90 9.07	28.62 -2.58 1.62	26.77 -2.27 1.25	29.15 -2.25 1.31	28.26 -1.97 1.12	22.51 -1.44 1.09	20.23 -1.31 0.98	26.68 -1.76 1.12	28.30 -2.07 1.30	32.30 -2.36 1.36	56.39 -3.89 1.98	45.35 -3.16 1.81	38.78 -2.65 1.59	27.48 -2.02 1.26	30.16 -1.83 1.23	31.72 -2.05 1.34
ROCKVIEW_13_KV_LD 356306	36.43 1.62 0.00	33.12 1.51 0.00	28.66 1.43 0.00	29.54 1.40 0.00	32.24 1.50 0.00	35.44 1.53 0.00	41.11 1.73 0.00	43.73 2.03 0.00	43.19 2.20 0.00	34.91 2.09 0.00	32.33 2.03 0.00	34.90 2.18 0.00	33.42 2.07 0.00	26.77 1.73 0.00	24.07 1.55 0.00	31.53 1.97 0.00	33.65 1.99 0.00	38.23 2.21 0.00	65.82 3.55 0.00	53.44 3.11 0.00	45.62 2.59 0.00	32.60 1.83 0.00	35.05 1.83 0.00	36.88 1.76 0.00
ROME____115KV_TB2 80656	35.27 0.46 0.00	31.99 0.38 0.00	27.55 0.32 0.00	28.48 0.35 0.00	31.12 0.38 0.00	34.41 0.50 0.00	40.02 0.64 0.00	42.42 0.72 0.00	41.47 0.48 0.00	32.91 0.10 0.00	30.16 -0.13 0.00	32.52 -0.19 0.00	31.13 -0.22 0.00	24.97 -0.08 0.00	22.40 -0.12 0.00	29.50 -0.06 0.00	31.80 0.14 0.00	36.42 0.40 0.00	63.14 0.87 0.00	51.26 0.94 0.00	43.78 0.75 0.00	31.27 0.50 0.00	33.69 0.47 0.00	35.58 0.47 0.00
ROSETON___1 23587	35.99 1.18 0.00	32.71 1.10 0.00	28.29 1.06 0.00	29.18 1.04 0.00	31.85 1.11 0.00	35.03 1.12 0.00	40.65 1.27 0.00	43.21 1.51 0.00	42.62 1.63 0.00	34.37 1.55 0.00	31.80 1.50 0.00	34.31 1.60 0.00	32.86 1.51 0.00	26.29 1.25 0.00	23.63 1.11 0.00	30.97 1.41 0.00	33.09 1.43 0.00	37.63 1.61 0.00	64.88 2.61 0.00	52.62 2.29 0.00	44.93 1.89 0.00	32.11 1.34 0.00	34.55 1.33 0.00	36.40 1.29 0.00
ROSETON___2 23588	35.99 1.18 0.00	32.71 1.10 0.00	28.29 1.06 0.00	29.18 1.04 0.00	31.85 1.11 0.00	35.03 1.12 0.00	40.65 1.27 0.00	43.21 1.51 0.00	42.62 1.63 0.00	34.37 1.55 0.00	31.80 1.50 0.00	34.31 1.60 0.00	32.86 1.51 0.00	26.29 1.25 0.00	23.63 1.11 0.00	30.97 1.41 0.00	33.09 1.43 0.00	37.63 1.61 0.00	64.88 2.61 0.00	52.62 2.29 0.00	44.93 1.89 0.00	32.11 1.34 0.00	34.55 1.33 0.00	36.40 1.29 0.00
ROTRRDAM_115KV_TB3 80664	35.74 0.93 0.00	32.46 0.85 0.00	28.01 0.78 0.00	28.94 0.80 0.00	31.61 0.87 0.00	34.86 0.95 0.00	40.44 1.06 0.00	42.91 1.21 0.00	42.16 1.17 0.00	33.75 0.94 0.00	31.10 0.81 0.00	33.51 0.80 0.00	32.02 0.67 0.00	25.56 0.52 0.00	23.01 0.50 0.00	30.27 0.71 0.00	32.48 0.81 0.00	37.02 1.00 0.00	64.05 1.79 0.00	51.83 1.51 0.00	44.32 1.28 0.00	31.69 0.93 0.00	34.15 0.93 0.00	36.09 0.98 0.00
RUSSELL___1 23602	23.21 -2.03 9.57	28.67 -1.81 1.13	24.43 -1.67 1.13	25.25 -1.69 1.20	27.56 -1.90 1.27	30.48 -2.07 1.36	35.52 -2.34 1.52	34.85 -2.75 4.10	29.20 -2.72 9.07	28.77 -2.43 1.62	26.91 -2.13 1.25	29.29 -2.11 1.31	28.41 -1.82 1.12	22.63 -1.32 1.09	20.34 -1.20 0.98	26.83 -1.61 1.12	28.45 -1.92 1.30	32.49 -2.17 1.36	56.72 -3.56 1.99	45.62 -2.89 1.82	39.01 -2.43 1.60	27.65 -1.86 1.26	30.33 -1.66 1.23	31.88 -1.89 1.34
RUSSELL___2 23532	23.21 -2.03 9.57	28.67 -1.81 1.13	24.43 -1.67 1.13	25.25 -1.69 1.20	27.56 -1.90 1.27	30.48 -2.07 1.36	35.52 -2.34 1.52	34.85 -2.75 4.10	29.20 -2.72 9.07	28.77 -2.43 1.62	26.91 -2.13 1.25	29.29 -2.11 1.31	28.41 -1.82 1.12	22.63 -1.32 1.09	20.34 -1.20 0.98	26.83 -1.61 1.12	28.45 -1.92 1.30	32.49 -2.17 1.36	56.72 -3.56 1.99	45.62 -2.89 1.82	39.01 -2.43 1.60	27.65 -1.86 1.26	30.33 -1.66 1.23	31.88 -1.89 1.34
RUSSELL___3 23549	23.21 -2.03 9.57	28.67 -1.81 1.13	24.43 -1.67 1.13	25.25 -1.69 1.20	27.56 -1.90 1.27	30.48 -2.07 1.36	35.52 -2.34 1.52	34.85 -2.75 4.10	29.20 -2.72 9.07	28.77 -2.43 1.62	26.91 -2.13 1.25	29.29 -2.11 1.31	28.41 -1.82 1.12	22.63 -1.32 1.09	20.34 -1.20 0.98	26.83 -1.61 1.12	28.45 -1.92 1.30	32.49 -2.17 1.36	56.72 -3.56 1.99	45.62 -2.89 1.82	39.01 -2.43 1.60	27.65 -1.86 1.26	30.33 -1.66 1.23	31.88 -1.89 1.34
RUSSELL___4 23556	23.21 -2.03 9.57	28.67 -1.81 1.13	24.43 -1.67 1.13	25.25 -1.69 1.20	27.56 -1.90 1.27	30.48 -2.07 1.36	35.52 -2.34 1.52	34.85 -2.75 4.10	29.20 -2.72 9.07	28.77 -2.43 1.62	26.91 -2.13 1.25	29.29 -2.11 1.31	28.41 -1.82 1.12	22.63 -1.32 1.09	20.34 -1.20 0.98	26.83 -1.61 1.12	28.45 -1.92 1.30	32.49 -2.17 1.36	56.72 -3.56 1.99	45.62 -2.89 1.82	39.01 -2.43 1.60	27.65 -1.86 1.26	30.33 -1.66 1.23	31.88 -1.89 1.34
RUSSELL___STATION 23914	23.21 -2.03 9.57	28.67 -1.81 1.13	24.43 -1.67 1.13	25.25 -1.69 1.20	27.56 -1.90 1.27	30.48 -2.07 1.36	35.52 -2.34 1.52	34.85 -2.75 4.10	29.20 -2.72 9.07	28.77 -2.43 1.62	26.91 -2.13 1.25	29.29 -2.11 1.31	28.41 -1.82 1.12	22.63 -1.32 1.09	20.34 -1.20 0.98	26.83 -1.61 1.12	28.45 -1.92 1.30	32.49 -2.17 1.36	56.72 -3.56 1.99	45.62 -2.89 1.82	39.01 -2.43 1.60	27.65 -1.86 1.26	30.33 -1.66 1.23	31.88 -1.89 1.34
S SALMON___HYD 24043	33.40 -1.42 0.00	30.31 -1.29 0.00	26.06 -1.18 0.00	26.96 -1.17 0.00	29.49 -1.25 0.00	32.62 -1.29 0.00	37.90 -1.48 0.00	40.12 -1.58 0.00	39.25 -1.74 0.00	31.09 -1.72 0.00	28.51 -1.78 0.00	30.76 -1.95 0.00	29.51 -1.84 0.00	23.61 -1.43 0.00	21.19 -1.33 0.00	27.97 -1.59 0.00	30.07 -1.59 0.00	34.38 -1.64 0.00	59.51 -2.76 0.00	48.36 -1.97 0.00	41.34 -1.69 0.00	29.52 -1.24 0.00	31.87 -1.36 0.00	33.70 -1.42 0.00
S.PERRY__115KV_TB1 80734	22.43 -2.09 10.29	54.67 -1.87 -24.94	50.47 -1.70 -24.93	52.89 -1.71 -26.46	56.94 -1.86 -28.06	61.80 -2.06 -29.96	70.63 -2.26 -33.51	63.95 -2.58 -24.83	38.27 -2.71 0.01	58.11 -2.85 -28.14	55.40 -2.40 -27.52	59.02 -2.57 -28.88	53.76 -2.23 -24.64	47.65 -1.39 -23.99	42.80 -1.42 -21.69	52.15 -2.05 -24.64	58.04 -2.25 -28.63	63.30 -2.71 -29.99	102.38 -3.67 -43.78	87.72 -2.63 -40.02	76.05 -2.21 -35.23	56.84 -1.77 -27.84	58.67 -1.66 -27.11	62.65 -1.93 -29.47
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	14.90 -3.28 16.63	23.34 -3.03 5.23	19.22 -2.78 5.23	19.76 -2.82 5.55	21.65 -3.21 5.89	24.12 -3.50 6.29	28.32 -4.03 7.03	26.18 -4.74 10.78	19.49 -4.52 16.98	22.27 -4.00 6.55	20.95 -3.57 5.78	23.18 -3.48 6.06	23.12 -3.05 5.17	17.67 -2.34 5.03	15.87 -2.10 4.55	21.59 -2.80 5.17	22.39 -3.27 6.01	26.02 -3.71 6.29	46.79 -6.29 9.19	36.70 -5.23 8.40	31.28 -4.36 7.39	21.68 -3.25 5.84	24.66 -2.87 5.69	25.72 -3.21 6.18

SAWYER___23_KV_LOAD 55526	14.90 -3.28 16.63	23.34 -3.03 5.23	19.22 -2.78 5.23	19.76 -2.82 5.55	21.65 -3.21 5.89	24.12 -3.50 6.29	28.32 -4.03 7.03	26.18 -4.74 10.78	19.49 -4.52 16.98	22.27 -4.00 6.55	20.95 -3.57 5.78	23.18 -3.48 6.06	23.12 -3.05 5.17	17.67 -2.34 5.03	15.87 -2.10 4.55	21.59 -2.80 5.17	22.39 -3.27 6.01	26.02 -3.71 6.29	46.79 -6.29 9.19	36.70 -5.23 8.40	31.28 -4.36 7.39	21.68 -3.25 5.84	24.66 -2.87 5.69	25.72 -3.21 6.18
SELKIRK___I 23801	35.95 1.14 0.00	32.65 1.04 0.00	28.18 0.95 0.00	29.15 1.01 0.00	31.83 1.09 0.00	35.07 1.16 0.00	40.67 1.29 0.00	43.15 1.45 0.00	42.44 1.45 0.00	34.01 1.19 0.00	31.34 1.04 0.00	33.72 1.01 0.00	32.19 0.84 0.00	25.64 0.60 0.00	23.07 0.55 0.00	30.39 0.83 0.00	32.65 0.99 0.00	37.25 1.24 0.00	64.43 2.16 0.00	52.12 1.80 0.00	44.58 1.54 0.00	31.89 1.12 0.00	34.36 1.14 0.00	36.33 1.22 0.00
SELKIRK___II 23799	35.81 1.00 0.00	32.53 0.92 0.00	28.09 0.85 0.00	29.03 0.89 0.00	31.70 0.96 0.00	34.91 1.01 0.00	40.49 1.11 0.00	42.99 1.29 0.00	42.31 1.32 0.00	33.95 1.14 0.00	31.33 1.03 0.00	33.76 1.05 0.00	32.27 0.93 0.00	25.74 0.70 0.00	23.15 0.63 0.00	30.43 0.88 0.00	32.66 1.00 0.00	37.20 1.18 0.00	64.24 1.97 0.00	51.97 1.64 0.00	44.45 1.41 0.00	31.79 1.03 0.00	34.25 1.03 0.00	36.20 1.09 0.00
SENECA OSWGO___HYD 24041	33.54 -1.28 0.00	30.50 -1.11 0.00	26.26 -0.96 0.00	27.16 -0.98 0.00	29.67 -1.07 0.00	32.72 -1.19 0.00	38.03 -1.35 0.00	40.24 -1.46 0.00	39.49 -1.50 0.00	31.47 -1.34 0.00	29.02 -1.27 0.00	31.38 -1.33 0.00	30.10 -1.25 0.00	24.07 -0.97 0.00	21.65 -0.87 0.00	28.45 -1.10 0.00	30.47 -1.19 0.00	34.60 -1.42 0.00	59.84 -2.43 0.00	48.49 -1.83 0.00	41.46 -1.57 0.00	29.63 -1.14 0.00	32.01 -1.21 0.00	33.86 -1.26 0.00
SENECA___115KV_TB3 355854	14.75 -2.87 17.19	24.45 -2.68 4.48	20.29 -2.47 4.48	20.89 -2.49 4.75	22.85 -2.85 5.04	25.42 -3.11 5.38	29.79 -3.58 6.01	27.39 -4.22 10.10	19.78 -4.00 17.21	23.52 -3.59 5.70	22.17 -3.18 4.94	24.46 -3.07 5.18	24.27 -2.65 4.42	18.70 -2.04 4.31	16.78 -1.85 3.89	22.67 -2.47 4.42	23.63 -2.89 5.14	27.34 -3.29 5.38	48.85 -5.55 7.86	38.54 -4.60 7.18	32.87 -3.84 6.32	22.90 -2.87 5.00	25.88 -2.48 4.87	26.97 -2.85 5.29
SENECA___ENERGY 23797	30.96 -1.53 2.33	31.92 -1.33 -1.64	27.70 -1.17 -1.63	28.73 -1.14 -1.74	31.29 -1.29 -1.84	34.45 -1.43 -1.96	39.95 -1.63 -2.20	41.10 -1.74 -1.14	37.70 -1.80 1.49	32.98 -1.62 -1.79	30.58 -1.52 -1.80	33.03 -1.57 -1.89	31.54 -1.43 -1.62	25.51 -1.11 -1.57	23.01 -0.93 -1.42	29.94 -1.23 -1.62	32.27 -1.27 -1.88	36.41 -1.58 -1.97	62.57 -2.57 -2.87	51.03 -1.92 -2.62	43.71 -1.63 -2.31	31.38 -1.21 -1.83	33.79 -1.21 -1.78	35.70 -1.34 -1.93
SHOEMAKER___GT 23640	35.75 0.94 0.00	32.49 0.88 0.00	28.08 0.85 0.00	28.97 0.83 0.00	31.62 0.89 0.00	34.81 0.91 0.00	40.42 1.04 0.00	42.93 1.22 0.00	42.31 1.32 0.00	34.09 1.28 0.00	31.52 1.23 0.00	34.02 1.31 0.00	32.60 1.25 0.00	26.05 1.01 0.00	23.41 0.89 0.00	30.68 1.12 0.00	32.80 1.14 0.00	37.32 1.30 0.00	64.39 2.12 0.00	52.24 1.91 0.00	44.62 1.58 0.00	31.88 1.12 0.00	34.32 1.09 0.00	36.15 1.03 0.00
SHOEMAKR_138KV_BK 111 55601	35.74 0.93 0.00	32.48 0.87 0.00	28.08 0.85 0.00	28.97 0.83 0.00	31.62 0.88 0.00	34.81 0.90 0.00	40.40 1.02 0.00	42.92 1.21 0.00	42.30 1.31 0.00	34.09 1.27 0.00	31.52 1.23 0.00	34.02 1.31 0.00	32.60 1.26 0.00	26.06 1.02 0.00	23.42 0.90 0.00	30.69 1.13 0.00	32.82 1.15 0.00	37.32 1.30 0.00	64.39 2.12 0.00	52.23 1.91 0.00	44.61 1.58 0.00	31.88 1.11 0.00	34.31 1.09 0.00	36.14 1.03 0.00
SHOREHAM_IC_1 23715	36.50 1.69 0.00	33.14 1.53 0.00	29.14 1.90 0.00	30.00 1.86 0.00	33.11 2.37 0.00	36.37 2.46 0.00	42.28 2.90 0.00	45.04 3.34 0.00	44.57 3.58 0.00	35.06 2.25 0.00	32.46 2.17 0.00	35.22 2.51 0.00	33.50 2.15 0.00	27.02 1.98 0.00	24.32 1.80 0.00	31.85 2.29 0.00	33.49 1.83 0.00	38.16 2.14 0.00	67.25 4.99 0.00	53.65 3.32 0.00	46.49 3.46 0.00	33.07 2.31 0.00	35.77 2.55 0.00	37.28 2.17 0.00
SHOREHAM_IC_2 23716	36.50 1.69 0.00	33.14 1.53 0.00	29.14 1.90 0.00	30.00 1.86 0.00	33.11 2.37 0.00	36.37 2.46 0.00	42.28 2.90 0.00	45.04 3.34 0.00	44.57 3.58 0.00	35.06 2.25 0.00	32.46 2.17 0.00	35.22 2.51 0.00	33.50 2.15 0.00	27.02 1.98 0.00	24.32 1.80 0.00	31.85 2.29 0.00	33.49 1.83 0.00	38.16 2.14 0.00	67.25 4.99 0.00	53.65 3.32 0.00	46.49 3.46 0.00	33.07 2.31 0.00	35.77 2.55 0.00	37.28 2.17 0.00
SISSONVILLE____ 23735	34.96 0.15 0.00	31.62 0.01 0.00	27.07 -0.16 0.00	27.93 -0.21 0.00	30.60 -0.14 0.00	33.92 0.01 0.00	39.48 0.09 0.00	41.61 -0.09 0.00	40.69 -0.30 0.00	32.39 -0.42 0.00	29.77 -0.52 0.00	32.09 -0.62 0.00	30.77 -0.58 0.00	25.09 -0.50 -0.55	22.11 -0.41 0.00	29.06 -0.50 0.00	31.23 -0.43 0.00	35.81 -0.21 0.00	62.08 -0.18 0.00	51.55 -0.43 -1.66	48.95 -0.37 -6.28	36.94 -0.28 -6.45	39.73 -0.23 -6.74	41.94 -0.18 -7.00
SITHE_IND_GS1 24169	33.43 -1.39 0.00	30.38 -1.22 0.00	26.16 -1.07 0.00	27.05 -1.08 0.00	29.54 -1.20 0.00	32.59 -1.32 0.00	37.86 -1.52 0.00	40.07 -1.63 0.00	39.34 -1.64 0.00	31.41 -1.40 0.00	29.00 -1.29 0.00	31.35 -1.37 0.00	30.08 -1.27 0.00	24.05 -0.99 0.00	21.61 -0.91 0.00	28.33 -1.22 0.00	30.33 -1.34 0.00	34.42 -1.60 0.00	59.50 -2.77 0.00	48.16 -2.16 0.00	41.19 -1.84 0.00	29.45 -1.31 0.00	31.84 -1.38 0.00	33.71 -1.40 0.00
SITHE_IND_GS2 24170	33.43 -1.39 0.00	30.38 -1.22 0.00	26.16 -1.07 0.00	27.05 -1.08 0.00	29.54 -1.20 0.00	32.59 -1.32 0.00	37.86 -1.52 0.00	40.07 -1.63 0.00	39.34 -1.64 0.00	31.41 -1.40 0.00	29.00 -1.29 0.00	31.35 -1.37 0.00	30.08 -1.27 0.00	24.05 -0.99 0.00	21.61 -0.91 0.00	28.33 -1.22 0.00	30.33 -1.34 0.00	34.42 -1.60 0.00	59.50 -2.77 0.00	48.16 -2.16 0.00	41.19 -1.84 0.00	29.45 -1.31 0.00	31.84 -1.38 0.00	33.71 -1.40 0.00
SITHE_IND_GS3 24171	33.43 -1.39 0.00	30.38 -1.22 0.00	26.16 -1.07 0.00	27.05 -1.08 0.00	29.54 -1.20 0.00	32.59 -1.32 0.00	37.86 -1.52 0.00	40.07 -1.63 0.00	39.34 -1.64 0.00	31.41 -1.40 0.00	29.00 -1.29 0.00	31.35 -1.37 0.00	30.08 -1.27 0.00	24.05 -0.99 0.00	21.61 -0.91 0.00	28.33 -1.22 0.00	30.33 -1.34 0.00	34.42 -1.60 0.00	59.50 -2.77 0.00	48.16 -2.16 0.00	41.19 -1.84 0.00	29.45 -1.31 0.00	31.84 -1.38 0.00	33.71 -1.40 0.00
SITHE_IND_GS4 24172	33.43 -1.39 0.00	30.38 -1.22 0.00	26.16 -1.07 0.00	27.05 -1.08 0.00	29.54 -1.20 0.00	32.59 -1.32 0.00	37.86 -1.52 0.00	40.07 -1.63 0.00	39.34 -1.64 0.00	31.41 -1.40 0.00	29.00 -1.29 0.00	31.35 -1.37 0.00	30.08 -1.27 0.00	24.05 -0.99 0.00	21.61 -0.91 0.00	28.33 -1.22 0.00	30.33 -1.34 0.00	34.42 -1.60 0.00	59.50 -2.77 0.00	48.16 -2.16 0.00	41.19 -1.84 0.00	29.45 -1.31 0.00	31.84 -1.38 0.00	33.71 -1.40 0.00

SITHE___BATAVIA 24024	18.80 -2.34 13.67	25.23 -2.22 4.16	21.02 -2.05 4.16	21.66 -2.06 4.41	23.70 -2.36 4.68	26.38 -2.54 4.99	30.96 -2.84 5.59	29.65 -3.35 8.70	23.79 -3.29 13.91	24.44 -3.16 5.22	23.03 -2.67 4.59	25.21 -2.69 4.81	24.95 -2.29 4.11	19.43 -1.61 4.00	17.38 -1.53 3.62	23.37 -2.09 4.11	24.40 -2.49 4.77	28.15 -2.87 5.00	50.53 -4.44 7.30	40.13 -3.52 6.67	34.20 -2.96 5.87	23.91 -2.21 4.64	26.80 -1.90 4.52	28.01 -2.19 4.91
SITHE___INDEPEND 23800	33.43 -1.38 0.00	30.37 -1.23 0.00	26.15 -1.08 0.00	27.05 -1.09 0.00	29.54 -1.20 0.00	32.59 -1.32 0.00	37.85 -1.52 0.00	40.04 -1.66 0.00	39.35 -1.64 0.00	31.41 -1.41 0.00	28.98 -1.31 0.00	31.35 -1.37 0.00	30.08 -1.27 0.00	24.04 -1.00 0.00	21.61 -0.91 0.00	28.33 -1.23 0.00	30.31 -1.35 0.00	34.41 -1.61 0.00	59.49 -2.78 0.00	48.14 -2.18 0.00	41.18 -1.85 0.00	29.45 -1.32 0.00	31.84 -1.38 0.00	33.70 -1.41 0.00
SITHE___MASSENA 23902	35.36 0.55 0.00	32.02 0.41 0.00	27.46 0.23 0.00	28.33 0.19 0.00	31.01 0.27 0.00	34.31 0.40 0.00	39.91 0.53 0.00	42.10 0.40 0.00	41.31 0.32 0.00	32.99 0.18 0.00	30.45 0.15 0.00	32.88 0.17 0.00	31.52 0.17 0.00	25.26 0.12 -0.09	22.66 0.13 0.00	29.76 0.20 0.00	31.87 0.21 0.00	36.37 0.35 0.00	62.98 0.71 0.00	50.99 0.28 -0.38	44.72 0.23 -1.46	32.43 0.17 -1.50	35.07 0.29 -1.56	37.07 0.34 -1.62
SITHE___OGDNSBRG 24021	35.87 1.06 0.00	32.47 0.86 0.00	27.81 0.57 0.00	28.67 0.54 0.00	31.40 0.65 0.00	34.77 0.86 0.00	40.52 1.14 0.00	42.72 1.02 0.00	41.72 0.73 0.00	33.04 0.23 0.00	30.35 0.05 0.00	32.74 0.03 0.00	31.43 0.08 0.00	25.46 0.04 -0.37	22.62 0.10 0.00	29.73 0.17 0.00	31.96 0.30 0.00	36.71 0.69 0.00	63.67 1.40 0.00	52.53 1.04 -1.16	48.33 0.89 -4.40	35.90 0.60 -4.53	38.70 0.74 -4.73	40.83 0.81 -4.91
SITHE___STERLING 23777	35.00 0.19 0.00	31.77 0.17 0.00	27.38 0.14 0.00	28.31 0.17 0.00	30.92 0.18 0.00	34.15 0.25 0.00	39.72 0.34 0.00	42.10 0.40 0.00	41.21 0.22 0.00	32.75 -0.07 0.00	30.07 -0.22 0.00	32.46 -0.25 0.00	31.09 -0.25 0.00	24.90 -0.14 0.00	22.36 -0.16 0.00	29.41 -0.15 0.00	31.64 -0.03 0.00	36.17 0.15 0.00	62.65 0.38 0.00	50.86 0.54 0.00	43.47 0.44 0.00	31.04 0.28 0.00	33.47 0.25 0.00	35.34 0.23 0.00
SLEIGHT__34_KV_TB1 80719	28.14 -1.86 4.81	29.95 -1.66 0.00	25.73 -1.50 0.00	26.66 -1.48 0.00	29.07 -1.67 0.00	32.10 -1.81 0.00	37.35 -2.04 0.00	37.99 -2.29 1.43	34.33 -2.32 4.35	30.52 -2.14 0.16	28.34 -1.95 0.00	30.74 -1.98 0.00	29.59 -1.76 0.00	23.69 -1.35 0.00	21.39 -1.13 0.00	28.05 -1.51 0.00	29.99 -1.67 0.00	34.07 -1.95 0.00	58.53 -3.74 0.00	47.77 -2.55 0.00	40.91 -2.13 0.00	29.15 -1.62 0.00	31.68 -1.54 0.00	33.39 -1.73 0.00
SOUTH CAIRO___GT 23612	37.05 2.24 0.00	33.62 2.01 0.00	29.01 1.77 0.00	30.00 1.86 0.00	32.78 2.04 0.00	36.15 2.24 0.00	42.01 2.63 0.00	44.70 3.00 0.00	44.05 3.06 0.00	35.26 2.44 0.00	32.36 2.07 0.00	34.67 1.95 0.00	32.90 1.56 0.00	26.06 1.02 0.00	23.43 0.91 0.00	30.90 1.34 0.00	33.51 1.85 0.00	38.25 2.23 0.00	66.72 4.45 0.00	54.18 3.85 0.00	46.29 3.26 0.00	33.07 2.30 0.00	35.56 2.34 0.00	37.53 2.42 0.00
SOUTH HAMPTN___IC 23720	37.01 2.19 0.00	33.58 1.98 0.00	29.45 2.22 0.00	30.33 2.20 0.00	33.38 2.64 0.00	36.67 2.76 0.00	42.63 3.25 0.00	45.44 3.74 0.00	44.98 3.99 0.00	35.58 2.77 0.00	33.00 2.70 0.00	35.70 2.99 0.00	33.95 2.60 0.00	27.40 2.36 0.00	24.63 2.11 0.00	32.34 2.78 0.00	34.09 2.43 0.00	38.88 2.86 0.00	68.11 5.84 0.00	54.32 4.00 0.00	46.85 3.81 0.00	33.16 2.40 0.00	35.59 2.38 0.00	37.12 2.01 0.00
SOUTHDOW_115KV_TB1 355954	13.64 -2.87 18.30	29.01 -2.60 0.00	24.88 -2.36 0.00	25.82 -2.31 0.00	28.07 -2.67 0.00	31.02 -2.89 0.00	36.08 -3.30 0.00	32.33 -3.95 5.42	20.64 -3.81 16.55	29.03 -3.16 0.63	27.49 -2.80 0.00	30.09 -2.62 0.00	28.99 -2.35 0.00	23.16 -1.88 0.00	20.76 -1.76 0.00	27.33 -2.24 0.00	28.99 -2.68 0.00	32.94 -3.08 0.00	57.08 -5.19 0.00	46.44 -3.88 0.00	39.66 -3.37 0.00	28.13 -2.64 0.00	30.92 -2.30 0.00	32.20 -2.91 0.00
SOUTHOLD_69_KV_BK 2 55809	37.35 2.53 0.00	33.90 2.29 0.00	29.72 2.49 0.00	30.62 2.48 0.00	33.69 2.95 0.00	37.01 3.11 0.00	43.02 3.64 0.00	45.90 4.20 0.00	45.42 4.43 0.00	35.97 3.15 0.00	33.38 3.09 0.00	36.07 3.35 0.00	34.27 2.92 0.00	27.67 2.63 0.00	24.84 2.31 0.00	32.71 3.15 0.00	34.50 2.84 0.00	39.37 3.35 0.00	68.88 6.62 0.00	54.76 4.43 0.00	47.06 4.03 0.00	33.13 2.37 0.00	35.25 2.03 0.00	36.74 1.63 0.00
SOUTHOLD___IC 23719	37.36 2.54 0.00	33.88 2.27 0.00	29.72 2.49 0.00	30.61 2.48 0.00	33.66 2.93 0.00	37.01 3.10 0.00	43.02 3.64 0.00	45.88 4.18 0.00	45.43 4.44 0.00	35.96 3.15 0.00	33.37 3.08 0.00	36.06 3.35 0.00	34.25 2.90 0.00	27.67 2.63 0.00	24.83 2.31 0.00	32.70 3.14 0.00	34.48 2.81 0.00	39.36 3.34 0.00	68.88 6.61 0.00	54.75 4.43 0.00	47.06 4.02 0.00	33.12 2.35 0.00	35.25 2.03 0.00	36.73 1.62 0.00
SOUTH_FORK_WT_PWR 323839	37.41 2.60 0.00	33.92 2.31 0.00	29.78 2.55 0.00	30.66 2.53 0.00	33.72 2.98 0.00	37.08 3.17 0.00	43.10 3.72 0.00	45.96 4.26 0.00	45.51 4.51 0.00	36.01 3.19 0.00	33.42 3.13 0.00	36.09 3.38 0.00	34.25 2.90 0.00	27.69 2.65 0.00	24.83 2.31 0.00	32.77 3.21 0.00	34.52 2.86 0.00	39.43 3.41 0.00	69.00 6.73 0.00	54.65 4.32 0.00	46.89 3.85 0.00	32.83 2.06 0.00	34.69 1.47 0.00	36.14 1.03 0.00
SPIERFLS_115KV_TB 1 80737	36.96 2.15 0.00	33.55 1.95 0.00	28.95 1.71 0.00	29.94 1.81 0.00	32.75 2.01 0.00	36.17 2.26 0.00	41.92 2.54 0.00	44.49 2.78 0.00	43.65 2.66 0.00	34.88 2.06 0.00	31.93 1.64 0.00	34.27 1.55 0.00	32.60 1.25 0.00	25.96 0.92 0.00	23.44 0.93 0.00	31.03 1.47 0.00	33.45 1.78 0.00	38.36 2.34 0.00	66.32 4.06 0.00	53.53 3.20 0.00	45.67 2.63 0.00	32.71 1.95 0.00	35.22 2.01 0.00	37.26 2.14 0.00
ST LAWRENCE____ 23600	35.03 0.21 0.00	31.73 0.12 0.00	27.23 0.00 0.00	28.10 -0.04 0.00	30.75 0.02 0.00	34.00 0.10 0.00	39.54 0.16 0.00	41.73 0.03 0.00	40.99 0.00 0.00	32.80 -0.02 0.00	30.29 0.00 0.00	32.71 0.00 0.00	31.34 -0.01 0.00	25.01 -0.03 0.00	22.51 0.00 0.00	29.57 0.01 0.00	31.66 0.00 0.00	36.09 0.07 0.00	62.46 0.19 0.00	50.18 -0.15 0.00	42.90 -0.13 0.00	30.67 -0.09 0.00	33.21 -0.01 0.00	35.13 0.02 0.00
STATE_CA_115KV_115_LB 55624	36.10 1.29 0.00	32.78 1.18 0.00	28.31 1.08 0.00	29.28 1.14 0.00	31.97 1.23 0.00	35.20 1.30 0.00	40.83 1.44 0.00	43.36 1.66 0.00	42.66 1.67 0.00	34.23 1.41 0.00	31.58 1.29 0.00	34.02 1.31 0.00	32.49 1.14 0.00	25.89 0.85 0.00	23.29 0.77 0.00	30.66 1.10 0.00	32.94 1.27 0.00	37.52 1.50 0.00	64.81 2.54 0.00	52.42 2.10 0.00	44.83 1.80 0.00	32.08 1.31 0.00	34.53 1.31 0.00	36.51 1.40 0.00

STATE_ST_34_KV_LOAD 55959	39.42 -0.76 -5.36	30.91 -0.70 0.00	26.60 -0.63 0.00	27.62 -0.51 0.00	30.07 -0.67 0.00	33.18 -0.73 0.00	38.56 -0.82 0.00	42.50 -0.79 -1.59	45.00 -0.84 -4.85	32.08 -0.91 -0.18	29.39 -0.91 0.00	31.73 -0.99 0.00	30.54 -0.81 0.00	24.34 -0.70 0.00	21.94 -0.58 0.00	28.84 -0.71 0.00	31.02 -0.64 0.00	35.22 -0.80 0.00	61.05 -1.21 0.00	49.44 -0.89 0.00	42.30 -0.73 0.00	30.21 -0.55 0.00	32.67 -0.55 0.00	34.47 -0.65 0.00
STATION 5_MISC_HYD 23604	23.07 -2.17 9.57	28.56 -1.91 1.13	24.36 -1.75 1.13	25.17 -1.77 1.20	27.47 -1.99 1.27	30.38 -2.17 1.36	35.39 -2.47 1.52	34.74 -2.86 4.10	29.04 -2.88 9.07	28.66 -2.53 1.62	26.84 -2.21 1.25	29.21 -2.19 1.31	28.31 -1.92 1.12	22.54 -1.41 1.09	20.25 -1.28 0.98	26.74 -1.70 1.12	28.36 -2.01 1.30	32.35 -2.31 1.36	56.44 -3.84 1.98	45.44 -3.08 1.81	38.84 -2.60 1.59	27.53 -1.97 1.26	30.20 -1.79 1.23	31.78 -2.00 1.34
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.27 -1.48 7.06	30.31 -1.30 0.00	26.05 -1.19 0.00	26.99 -1.15 0.00	29.44 -1.30 0.00	32.49 -1.41 0.00	37.81 -1.57 0.00	37.83 -1.78 2.09	32.80 -1.81 6.39	30.90 -1.67 0.24	28.77 -1.52 0.00	31.18 -1.53 0.00	29.99 -1.36 0.00	24.04 -1.00 0.00	21.67 -0.85 0.00	28.42 -1.14 0.00	30.39 -1.28 0.00	34.49 -1.53 0.00	59.84 -2.43 0.00	48.44 -1.89 0.00	41.43 -1.60 0.00	29.54 -1.23 0.00	32.07 -1.15 0.00	33.77 -1.34 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	23.75 -2.28 8.78	29.58 -2.03 0.00	25.38 -1.85 0.00	26.27 -1.87 0.00	28.64 -2.10 0.00	31.63 -2.28 0.00	36.79 -2.59 0.00	36.09 -3.01 2.60	30.08 -2.97 7.94	29.90 -2.62 0.30	27.97 -2.33 0.00	30.39 -2.32 0.00	29.31 -2.04 0.00	23.52 -1.52 0.00	21.17 -1.35 0.00	27.73 -1.82 0.00	29.54 -2.12 0.00	33.59 -2.43 0.00	58.21 -4.06 0.00	47.06 -3.27 0.00	40.28 -2.75 0.00	28.68 -2.08 0.00	31.29 -1.93 0.00	32.96 -2.15 0.00
STA_56___34_KV_BUS2 355983	23.75 -2.28 8.78	29.58 -2.03 0.00	25.38 -1.85 0.00	26.27 -1.87 0.00	28.64 -2.10 0.00	31.63 -2.28 0.00	36.79 -2.59 0.00	36.09 -3.01 2.60	30.08 -2.97 7.94	29.90 -2.62 0.30	27.97 -2.33 0.00	30.39 -2.32 0.00	29.31 -2.04 0.00	23.52 -1.52 0.00	21.17 -1.35 0.00	27.73 -1.82 0.00	29.54 -2.12 0.00	33.59 -2.43 0.00	58.21 -4.06 0.00	47.06 -3.27 0.00	40.28 -2.75 0.00	28.68 -2.08 0.00	31.29 -1.93 0.00	32.96 -2.15 0.00
STA_67___115KV_BK2 355882	23.01 -2.24 9.56	28.46 -1.99 1.16	24.25 -1.83 1.15	25.06 -1.85 1.23	27.36 -2.08 1.30	30.25 -2.26 1.39	35.24 -2.59 1.55	34.55 -3.02 4.13	28.94 -2.98 9.07	28.53 -2.64 1.65	26.68 -2.34 1.28	29.06 -2.32 1.34	28.17 -2.03 1.14	22.42 -1.51 1.11	20.16 -1.35 1.00	26.60 -1.82 1.14	28.20 -2.13 1.33	32.19 -2.44 1.39	56.20 -4.03 2.03	45.19 -3.28 1.86	38.64 -2.76 1.63	27.39 -2.08 1.29	30.06 -1.90 1.26	31.63 -2.12 1.37
STA_7___115KV_9TRANS 80674	23.21 -2.03 9.57	28.67 -1.81 1.13	24.43 -1.67 1.13	25.25 -1.69 1.20	27.56 -1.90 1.27	30.48 -2.07 1.36	35.52 -2.34 1.52	34.85 -2.75 4.10	29.20 -2.72 9.07	28.77 -2.43 1.62	26.91 -2.13 1.25	29.29 -2.11 1.31	28.41 -1.82 1.12	22.63 -1.32 1.09	20.34 -1.20 0.98	26.83 -1.61 1.12	28.45 -1.92 1.30	32.49 -2.17 1.36	56.72 -3.56 1.99	45.62 -2.89 1.82	39.01 -2.43 1.60	27.65 -1.86 1.26	30.33 -1.66 1.23	31.88 -1.89 1.34
STA_82___115KV_TB1 80780	23.46 -2.24 9.10	29.61 -1.99 0.00	25.41 -1.83 0.00	26.28 -1.85 0.00	28.66 -2.08 0.00	31.64 -2.27 0.00	36.79 -2.59 0.00	35.98 -3.02 2.70	29.78 -2.98 8.23	29.86 -2.65 0.31	27.95 -2.34 0.00	30.39 -2.32 0.00	29.31 -2.03 0.00	23.54 -1.50 0.00	21.17 -1.35 0.00	27.74 -1.82 0.00	29.53 -2.13 0.00	33.58 -2.44 0.00	58.22 -4.04 0.00	47.05 -3.28 0.00	40.27 -2.76 0.00	28.68 -2.08 0.00	31.32 -1.90 0.00	32.99 -2.12 0.00
STEEL___WIND 323596	14.71 -2.91 17.19	24.44 -2.70 4.48	20.29 -2.46 4.48	20.90 -2.49 4.75	22.86 -2.85 5.04	25.41 -3.12 5.38	29.80 -3.57 6.01	27.35 -4.25 10.10	19.66 -4.12 17.21	23.53 -3.58 5.70	22.22 -3.14 4.94	24.49 -3.04 5.18	24.27 -2.65 4.42	18.72 -2.01 4.31	16.77 -1.86 3.89	22.69 -2.45 4.42	23.66 -2.86 5.14	27.35 -3.29 5.38	48.82 -5.58 7.86	38.58 -4.56 7.18	32.90 -3.81 6.32	22.91 -2.86 5.00	25.86 -2.49 4.87	27.00 -2.82 5.29
STEPHTWN_115KV_BK_2 55603	36.16 1.34 0.00	32.81 1.21 0.00	28.37 1.14 0.00	29.32 1.19 0.00	32.03 1.29 0.00	35.29 1.38 0.00	40.94 1.56 0.00	43.55 1.85 0.00	42.83 1.84 0.00	34.41 1.60 0.00	31.70 1.41 0.00	34.15 1.43 0.00	32.59 1.24 0.00	25.97 0.93 0.00	23.39 0.87 0.00	30.81 1.26 0.00	33.04 1.38 0.00	37.78 1.76 0.00	65.11 2.85 0.00	52.64 2.32 0.00	44.99 1.95 0.00	32.18 1.42 0.00	34.68 1.46 0.00	36.64 1.53 0.00
STEUBEN_REC_LFGE 323667	-11.13 -3.55 42.39	44.96 -3.22 -16.57	40.96 -2.85 -16.57	42.82 -2.90 -17.59	46.27 -3.12 -18.65	50.22 -3.60 -19.91	57.49 -4.17 -22.28	43.02 -4.65 -5.97	4.25 -4.59 32.15	46.33 -3.97 -17.48	44.96 -3.62 -18.29	48.01 -3.90 -19.19	44.13 -3.60 -16.38	38.39 -2.60 -15.95	34.47 -2.47 -14.42	42.59 -3.34 -16.38	47.41 -3.28 -19.03	51.78 -4.17 -19.93	84.72 -6.65 -29.10	71.80 -5.12 -26.60	62.02 -4.43 -23.41	45.88 -3.39 -18.50	47.85 -3.39 -18.02	51.02 -3.69 -19.59
STILLWATER___SOLAR 323814	36.51 1.70 0.00	33.13 1.52 0.00	28.59 1.36 0.00	29.58 1.44 0.00	32.32 1.58 0.00	35.66 1.75 0.00	41.37 1.99 0.00	43.91 2.21 0.00	43.12 2.13 0.00	34.43 1.62 0.00	31.61 1.32 0.00	33.99 1.28 0.00	32.38 1.04 0.00	25.80 0.76 0.00	23.27 0.75 0.00	30.76 1.21 0.00	33.15 1.49 0.00	37.87 1.85 0.00	65.54 3.27 0.00	52.94 2.62 0.00	45.24 2.21 0.00	32.37 1.60 0.00	34.87 1.65 0.00	36.87 1.76 0.00
STONY___BROOK 24151	36.67 1.85 0.00	33.30 1.69 0.00	29.02 1.79 0.00	29.88 1.74 0.00	32.68 1.94 0.00	35.89 1.98 0.00	41.71 2.33 0.00	44.40 2.70 0.00	43.96 2.97 0.00	35.19 2.37 0.00	32.76 2.47 0.00	35.39 2.67 0.00	33.70 2.36 0.00	27.16 2.12 0.00	24.45 1.93 0.00	31.99 2.43 0.00	33.97 2.31 0.00	38.62 2.60 0.00	66.90 4.63 0.00	53.92 3.60 0.00	46.28 3.25 0.00	33.01 2.25 0.00	35.60 2.38 0.00	37.27 2.16 0.00
STURGEON_POOL_HYD 23609	36.10 1.29 0.00	32.82 1.21 0.00	28.38 1.15 0.00	29.27 1.13 0.00	31.95 1.21 0.00	35.15 1.24 0.00	40.80 1.41 0.00	43.37 1.67 0.00	42.81 1.82 0.00	34.57 1.76 0.00	32.01 1.71 0.00	34.55 1.84 0.00	33.14 1.79 0.00	26.51 1.47 0.00	23.80 1.28 0.00	31.18 1.63 0.00	33.32 1.65 0.00	37.84 1.82 0.00	65.25 2.99 0.00	52.94 2.61 0.00	45.20 2.17 0.00	32.29 1.53 0.00	34.72 1.50 0.00	36.55 1.44 0.00
ST_LAW_115_BK7_LBMP 345037	35.06 0.25 0.00	31.75 0.14 0.00	27.25 0.01 0.00	28.11 -0.02 0.00	30.77 0.03 0.00	34.03 0.13 0.00	39.59 0.20 0.00	41.76 0.06 0.00	41.02 0.03 0.00	32.81 -0.01 0.00	30.30 0.01 0.00	32.72 0.01 0.00	31.35 0.00 0.00	25.02 -0.02 0.00	22.53 0.01 0.00	29.59 0.03 0.00	31.66 0.00 0.00	36.10 0.08 0.00	62.49 0.23 0.00	50.20 -0.13 0.00	42.92 -0.11 0.00	30.69 -0.07 0.00	33.24 0.02 0.00	35.17 0.06 0.00

ST_LAW_115_BK8_LBMP 345038	35.06 0.25 0.00	31.75 0.14 0.00	27.25 0.01 0.00	28.11 -0.02 0.00	30.77 0.03 0.00	34.03 0.13 0.00	39.59 0.20 0.00	41.76 0.06 0.00	41.02 0.03 0.00	32.81 -0.01 0.00	30.30 0.01 0.00	32.72 0.01 0.00	31.35 0.00 0.00	25.02 -0.02 0.00	22.53 0.01 0.00	29.59 0.03 0.00	31.66 0.00 0.00	36.10 0.08 0.00	62.49 0.23 0.00	50.20 -0.13 0.00	42.92 -0.11 0.00	30.69 -0.07 0.00	33.24 0.02 0.00	35.17 0.06 0.00
ST_LAW_230_BK5_LBMP 345035	35.03 0.21 0.00	31.73 0.12 0.00	27.23 0.00 0.00	28.10 -0.04 0.00	30.75 0.02 0.00	34.00 0.10 0.00	39.54 0.16 0.00	41.73 0.03 0.00	40.99 0.00 0.00	32.80 -0.02 0.00	30.29 0.00 0.00	32.71 0.00 0.00	31.34 -0.01 0.00	25.01 -0.03 0.00	22.51 0.00 0.00	29.57 0.01 0.00	31.66 0.00 0.00	36.09 0.07 0.00	62.46 0.19 0.00	50.18 -0.15 0.00	42.90 -0.13 0.00	30.67 -0.09 0.00	33.21 -0.01 0.00	35.13 0.02 0.00
ST_LAW_230_BK6_LBMP 345036	35.03 0.21 0.00	31.73 0.12 0.00	27.23 0.00 0.00	28.10 -0.04 0.00	30.75 0.02 0.00	34.00 0.10 0.00	39.54 0.16 0.00	41.73 0.03 0.00	40.99 0.00 0.00	32.80 -0.02 0.00	30.29 0.00 0.00	32.71 0.00 0.00	31.34 -0.01 0.00	25.01 -0.03 0.00	22.51 0.00 0.00	29.57 0.01 0.00	31.66 0.00 0.00	36.09 0.07 0.00	62.46 0.19 0.00	50.18 -0.15 0.00	42.90 -0.13 0.00	30.67 -0.09 0.00	33.21 -0.01 0.00	35.13 0.02 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.86 1.05 0.00	32.59 0.98 0.00	28.18 0.95 0.00	29.07 0.93 0.00	31.72 0.99 0.00	34.91 1.01 0.00	40.53 1.15 0.00	43.07 1.37 0.00	42.47 1.48 0.00	34.24 1.43 0.00	31.68 1.39 0.00	34.18 1.47 0.00	32.78 1.43 0.00	26.22 1.18 0.00	23.57 1.05 0.00	30.88 1.31 0.00	33.00 1.34 0.00	37.52 1.50 0.00	64.68 2.41 0.00	52.49 2.16 0.00	44.81 1.77 0.00	32.02 1.25 0.00	34.44 1.22 0.00	36.25 1.14 0.00
SWANROAD_115KV_TB1 355699	14.68 -3.78 16.34	22.07 -3.71 5.82	18.05 -3.36 5.82	18.52 -3.44 6.18	20.31 -3.87 6.55	22.67 -4.24 7.00	26.66 -4.89 7.83	24.73 -5.62 11.35	18.86 -5.19 16.95	20.82 -4.78 7.21	19.58 -4.29 6.42	21.69 -4.28 6.74	21.78 -3.81 5.75	16.51 -2.93 5.60	14.82 -2.63 5.07	20.29 -3.51 5.75	20.94 -4.04 6.68	24.45 -4.57 7.00	44.29 -7.75 10.22	34.56 -6.42 9.35	29.41 -5.40 8.23	20.44 -3.83 6.50	23.43 -3.46 6.33	24.42 -3.81 6.88
SYNERGY___BIOGAS 323694	18.80 -2.34 13.67	25.23 -2.22 4.16	21.02 -2.05 4.16	21.66 -2.06 4.41	23.70 -2.36 4.68	26.38 -2.54 4.99	30.96 -2.84 5.59	29.65 -3.35 8.70	23.79 -3.29 13.91	24.44 -3.16 5.22	23.03 -2.67 4.59	25.21 -2.69 4.81	24.95 -2.29 4.11	19.43 -1.61 4.00	17.38 -1.53 3.62	23.37 -2.09 4.11	24.40 -2.49 4.77	28.15 -2.87 5.00	50.53 -4.44 7.30	40.13 -3.52 6.67	34.20 -2.96 5.87	23.91 -2.21 4.64	26.80 -1.90 4.52	28.01 -2.19 4.91
SYRACUSE___ENERGY_ST1 323597	33.97 -0.84 0.00	30.89 -0.72 0.00	26.59 -0.64 0.00	27.53 -0.61 0.00	30.04 -0.69 0.00	33.14 -0.76 0.00	38.53 -0.85 0.00	40.78 -0.92 0.00	40.03 -0.96 0.00	31.90 -0.92 0.00	29.41 -0.88 0.00	31.83 -0.89 0.00	30.55 -0.80 0.00	24.41 -0.63 0.00	21.96 -0.56 0.00	28.82 -0.74 0.00	30.92 -0.75 0.00	35.10 -0.92 0.00	60.74 -1.53 0.00	49.19 -1.13 0.00	42.07 -0.96 0.00	30.06 -0.70 0.00	32.49 -0.73 0.00	34.34 -0.77 0.00
SYRACUSE___ENERGY_ST2 323598	33.97 -0.84 0.00	30.89 -0.72 0.00	26.59 -0.64 0.00	27.53 -0.61 0.00	30.04 -0.69 0.00	33.14 -0.76 0.00	38.53 -0.85 0.00	40.78 -0.92 0.00	40.03 -0.96 0.00	31.90 -0.92 0.00	29.41 -0.88 0.00	31.83 -0.89 0.00	30.55 -0.80 0.00	24.41 -0.63 0.00	21.96 -0.56 0.00	28.82 -0.74 0.00	30.92 -0.75 0.00	35.10 -0.92 0.00	60.74 -1.53 0.00	49.19 -1.13 0.00	42.07 -0.96 0.00	30.06 -0.70 0.00	32.49 -0.73 0.00	34.34 -0.77 0.00
SYRACUSE___POWER 24017	37.54 -0.86 -3.59	30.87 -0.74 0.00	26.59 -0.64 0.00	27.49 -0.64 0.00	30.02 -0.71 0.00	33.13 -0.78 0.00	38.49 -0.89 0.00	41.80 -0.96 -1.07	43.23 -1.01 -3.25	31.98 -0.96 -0.12	29.37 -0.92 0.00	31.80 -0.91 0.00	30.51 -0.83 0.00	24.40 -0.64 0.00	21.94 -0.58 0.00	28.77 -0.79 0.00	30.87 -0.79 0.00	35.07 -0.95 0.00	60.66 -1.60 0.00	49.18 -1.14 0.00	42.05 -0.98 0.00	30.04 -0.72 0.00	32.46 -0.76 0.00	34.31 -0.81 0.00
TALLMAN___138KV_BK151 55660	35.97 1.15 0.00	32.68 1.07 0.00	28.28 1.04 0.00	29.16 1.02 0.00	31.81 1.08 0.00	35.01 1.10 0.00	40.65 1.27 0.00	43.21 1.51 0.00	42.60 1.61 0.00	34.40 1.58 0.00	31.84 1.55 0.00	34.37 1.65 0.00	32.94 1.60 0.00	26.37 1.33 0.00	23.69 1.17 0.00	31.04 1.48 0.00	33.15 1.50 0.00	37.69 1.67 0.00	64.92 2.66 0.00	52.72 2.39 0.00	44.99 1.96 0.00	32.11 1.35 0.00	34.54 1.33 0.00	36.35 1.24 0.00
TEALLAVE_115KV_TB7 355573	33.79 -1.02 0.00	30.72 -0.89 0.00	26.45 -0.78 0.00	27.36 -0.78 0.00	29.87 -0.87 0.00	32.96 -0.95 0.00	38.30 -1.08 0.00	40.52 -1.18 0.00	39.78 -1.21 0.00	31.71 -1.10 0.00	29.25 -1.05 0.00	31.67 -1.05 0.00	30.39 -0.96 0.00	24.30 -0.74 0.00	21.85 -0.67 0.00	28.65 -0.90 0.00	30.71 -0.95 0.00	34.89 -1.13 0.00	60.34 -1.93 0.00	48.89 -1.44 0.00	41.82 -1.22 0.00	29.88 -0.89 0.00	32.29 -0.93 0.00	34.13 -0.99 0.00
TELGRAPH_34_KV_EAST 80808	16.54 -3.04 15.23	23.32 -2.93 5.35	19.20 -2.68 5.35	19.74 -2.72 5.68	21.64 -3.08 6.02	24.14 -3.34 6.43	28.37 -3.82 7.19	26.78 -4.43 10.50	21.06 -4.16 15.76	22.29 -3.89 6.64	20.95 -3.44 5.91	23.08 -3.44 6.20	23.06 -3.00 5.29	17.64 -2.24 5.15	15.81 -2.05 4.66	21.49 -2.78 5.29	22.29 -3.22 6.15	25.95 -3.63 6.44	46.87 -5.99 9.40	36.78 -4.95 8.59	31.31 -4.16 7.56	21.78 -3.00 5.98	24.72 -2.68 5.82	25.78 -3.01 6.33
TEMPLE___115KV_TB 2 55572	33.80 -1.01 0.00	30.72 -0.88 0.00	26.46 -0.77 0.00	27.36 -0.77 0.00	29.88 -0.86 0.00	32.97 -0.94 0.00	38.31 -1.07 0.00	40.53 -1.17 0.00	39.79 -1.20 0.00	31.72 -1.10 0.00	29.26 -1.03 0.00	31.68 -1.04 0.00	30.40 -0.94 0.00	24.31 -0.73 0.00	21.87 -0.66 0.00	28.67 -0.89 0.00	30.73 -0.93 0.00	34.90 -1.12 0.00	60.35 -1.91 0.00	48.91 -1.41 0.00	41.82 -1.21 0.00	29.88 -0.88 0.00	32.30 -0.92 0.00	34.14 -0.97 0.00
TIANA____69_KV_BK 1 55817	36.89 2.08 0.00	33.49 1.89 0.00	29.37 2.13 0.00	30.24 2.11 0.00	33.30 2.57 0.00	36.56 2.65 0.00	42.50 3.12 0.00	45.29 3.58 0.00	44.82 3.82 0.00	35.47 2.65 0.00	32.91 2.62 0.00	35.60 2.89 0.00	33.87 2.52 0.00	27.33 2.29 0.00	24.57 2.05 0.00	32.24 2.68 0.00	34.02 2.36 0.00	38.76 2.74 0.00	67.88 5.61 0.00	54.23 3.91 0.00	46.78 3.74 0.00	33.20 2.44 0.00	35.70 2.48 0.00	37.25 2.14 0.00
TILDEN___115KV_TB1 80814	37.54 -0.86 -3.59	30.87 -0.74 0.00	26.59 -0.64 0.00	27.49 -0.64 0.00	30.02 -0.71 0.00	33.13 -0.78 0.00	38.49 -0.89 0.00	41.80 -0.96 -1.07	43.23 -1.01 -3.25	31.98 -0.96 -0.12	29.37 -0.92 0.00	31.80 -0.91 0.00	30.51 -0.83 0.00	24.40 -0.64 0.00	21.94 -0.58 0.00	28.77 -0.79 0.00	30.87 -0.79 0.00	35.07 -0.95 0.00	60.66 -1.60 0.00	49.18 -1.14 0.00	42.05 -0.98 0.00	30.04 -0.72 0.00	32.46 -0.76 0.00	34.31 -0.81 0.00

TRIGEN___CC 323695	36.51 1.70 0.00	33.18 1.57 0.00	28.78 1.55 0.00	29.64 1.51 0.00	32.36 1.62 0.00	35.56 1.65 0.00	41.29 1.91 0.00	43.93 2.23 0.00	43.44 2.45 0.00	35.03 2.22 0.00	32.57 2.27 0.00	35.14 2.42 0.00	33.56 2.22 0.00	26.96 1.92 0.00	24.25 1.73 0.00	31.74 2.18 0.00	33.83 2.17 0.00	38.38 2.36 0.00	66.17 3.90 0.00	53.57 3.24 0.00	45.81 2.78 0.00	32.72 1.96 0.00	35.23 2.01 0.00	37.01 1.90 0.00
TRINITY___115KV___4 BK 55933	35.99 1.18 0.00	32.68 1.08 0.00	28.23 0.99 0.00	29.19 1.05 0.00	31.87 1.13 0.00	35.09 1.19 0.00	40.68 1.30 0.00	43.22 1.52 0.00	42.51 1.52 0.00	34.12 1.30 0.00	31.47 1.18 0.00	33.92 1.20 0.00	32.38 1.04 0.00	25.82 0.78 0.00	23.21 0.69 0.00	30.56 1.00 0.00	32.82 1.15 0.00	37.39 1.37 0.00	64.56 2.29 0.00	52.22 1.89 0.00	44.66 1.63 0.00	31.96 1.19 0.00	34.40 1.18 0.00	36.40 1.28 0.00
UNION___PROCESSING_DRP 323587	23.46 -2.24 9.11	29.62 -1.99 0.00	25.41 -1.83 0.00	26.29 -1.85 0.00	28.66 -2.08 0.00	31.65 -2.26 0.00	36.80 -2.58 0.00	35.99 -3.02 2.70	29.78 -2.97 8.23	29.86 -2.64 0.31	27.96 -2.34 0.00	30.39 -2.32 0.00	29.31 -2.03 0.00	23.55 -1.49 0.00	21.17 -1.35 0.00	27.74 -1.82 0.00	29.53 -2.13 0.00	33.58 -2.44 0.00	58.24 -4.03 0.00	47.06 -3.26 0.00	40.29 -2.74 0.00	28.68 -2.08 0.00	31.32 -1.90 0.00	33.00 -2.11 0.00
UPPER HUDSON___HYD 24058	36.95 2.14 0.00	33.55 1.95 0.00	28.94 1.71 0.00	29.94 1.81 0.00	32.75 2.01 0.00	36.17 2.26 0.00	41.91 2.53 0.00	44.49 2.78 0.00	43.66 2.67 0.00	34.88 2.06 0.00	31.93 1.63 0.00	34.26 1.55 0.00	32.60 1.25 0.00	25.96 0.92 0.00	23.44 0.92 0.00	31.02 1.47 0.00	33.45 1.78 0.00	38.36 2.34 0.00	66.32 4.06 0.00	53.53 3.21 0.00	45.67 2.63 0.00	32.71 1.95 0.00	35.22 2.00 0.00	37.26 2.14 0.00
UPPER RAQUET___HYD 24056	34.96 0.15 0.00	31.62 0.01 0.00	27.07 -0.16 0.00	27.93 -0.21 0.00	30.60 -0.14 0.00	33.91 0.00 0.00	39.47 0.09 0.00	41.61 -0.09 0.00	40.70 -0.29 0.00	32.39 -0.43 0.00	29.77 -0.52 0.00	32.09 -0.62 0.00	30.76 -0.58 0.00	25.09 -0.50 -0.55	22.10 -0.42 0.00	29.06 -0.50 0.00	31.22 -0.44 0.00	35.81 -0.21 0.00	62.07 -0.19 0.00	51.55 -0.43 -1.66	48.94 -0.37 -6.28	36.94 -0.28 -6.45	39.73 -0.23 -6.74	41.93 -0.18 -7.00
VALLEY44_115KV_TB2 355964	12.91 -2.32 19.58	29.48 -2.13 0.00	25.40 -1.83 0.00	26.37 -1.77 0.00	28.75 -1.98 0.00	31.74 -2.17 0.00	36.70 -2.68 0.00	32.69 -3.21 5.80	20.29 -3.00 17.70	29.37 -2.78 0.67	27.97 -2.33 0.00	30.57 -2.14 0.00	29.62 -1.73 0.00	23.71 -1.33 0.00	21.28 -1.24 0.00	27.84 -1.72 0.00	29.62 -2.04 0.00	33.52 -2.50 0.00	57.92 -4.35 0.00	46.82 -3.51 0.00	40.15 -2.88 0.00	28.53 -2.24 0.00	31.34 -1.88 0.00	32.90 -2.21 0.00
VALLEY___115KV_TB 1-4 80826	35.02 0.20 0.00	31.77 0.16 0.00	27.42 0.18 0.00	28.37 0.23 0.00	30.96 0.22 0.00	34.14 0.23 0.00	39.65 0.27 0.00	42.13 0.43 0.00	41.30 0.30 0.00	32.98 0.17 0.00	30.38 0.08 0.00	32.73 0.02 0.00	31.24 -0.10 0.00	24.92 -0.12 0.00	22.48 -0.04 0.00	29.56 0.00 0.00	31.75 0.08 0.00	36.17 0.15 0.00	62.72 0.46 0.00	50.83 0.50 0.00	43.54 0.50 0.00	31.10 0.33 0.00	33.45 0.23 0.00	35.36 0.25 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.00 1.19 0.00	32.69 1.08 0.00	28.19 0.96 0.00	29.13 1.00 0.00	31.84 1.10 0.00	35.11 1.20 0.00	40.84 1.46 0.00	43.31 1.61 0.00	42.52 1.53 0.00	33.98 1.17 0.00	31.37 1.08 0.00	33.83 1.12 0.00	32.50 1.15 0.00	25.96 0.92 0.00	23.39 0.87 0.00	30.71 1.15 0.00	32.91 1.25 0.00	37.39 1.37 0.00	64.62 2.36 0.00	52.37 2.05 0.00	44.76 1.72 0.00	31.95 1.18 0.00	34.45 1.23 0.00	36.28 1.17 0.00
VISCHER___FERRY HYD 24020	36.06 1.25 0.00	32.72 1.11 0.00	28.25 1.01 0.00	29.24 1.10 0.00	31.92 1.18 0.00	35.17 1.26 0.00	40.78 1.40 0.00	43.31 1.61 0.00	42.60 1.61 0.00	34.09 1.28 0.00	31.38 1.09 0.00	33.79 1.08 0.00	32.23 0.88 0.00	25.66 0.62 0.00	23.09 0.57 0.00	30.48 0.92 0.00	32.80 1.13 0.00	37.41 1.39 0.00	64.61 2.35 0.00	52.22 1.89 0.00	44.66 1.63 0.00	31.97 1.20 0.00	34.42 1.21 0.00	36.44 1.32 0.00
V_A_10_SYNC_DSASP 323832	18.47 -3.22 13.13	24.66 -2.85 4.09	20.58 -2.56 4.09	21.19 -2.61 4.34	23.19 -2.95 4.60	25.77 -3.22 4.92	30.15 -3.73 5.50	28.88 -4.36 8.46	23.29 -4.31 13.39	23.99 -3.70 5.12	22.53 -3.25 4.51	24.77 -3.21 4.74	24.45 -2.85 4.04	18.94 -2.17 3.94	17.02 -1.95 3.56	22.94 -2.57 4.04	23.97 -3.00 4.70	27.64 -3.46 4.92	49.16 -5.92 7.18	38.93 -4.83 6.56	33.19 -4.07 5.78	23.17 -3.03 4.56	26.03 -2.75 4.45	27.27 -3.00 4.83
V_CMM_10_SYNC_DSASP 323787	35.23 0.42 0.00	31.91 0.30 0.00	27.38 0.15 0.00	28.24 0.10 0.00	30.91 0.17 0.00	34.19 0.28 0.00	39.77 0.39 0.00	41.95 0.25 0.00	41.20 0.21 0.00	32.96 0.14 0.00	30.44 0.15 0.00	32.87 0.16 0.00	31.50 0.15 0.00	25.15 0.11 0.00	22.64 0.12 0.00	29.74 0.18 0.00	31.82 0.16 0.00	36.28 0.26 0.00	62.79 0.52 0.00	50.44 0.12 0.00	43.13 0.10 0.00	30.83 0.07 0.00	33.40 0.18 0.00	35.34 0.22 0.00
V_CMP_10_SYNC_DSASP 323788	35.27 0.46 0.00	31.66 0.06 0.00	26.93 -0.30 0.00	27.74 -0.39 0.00	30.57 -0.17 0.00	34.09 0.19 0.00	39.77 0.39 0.00	41.51 -0.18 0.00	40.77 -0.22 0.00	33.03 0.21 0.00	30.40 0.10 0.00	32.50 -0.21 0.00	30.90 -0.45 0.00	20.54 -0.70 3.79	22.06 -0.46 0.00	29.20 -0.36 0.00	31.55 -0.11 0.00	36.32 0.30 0.00	62.96 0.69 0.00	38.30 -1.19 10.83	0.97 -1.07 41.00	-12.20 -0.82 42.14	-11.70 -0.88 44.04	-11.51 -0.89 45.73
V_D_10_SYNC_DSASP 323841	35.36 0.55 0.00	32.02 0.41 0.00	27.46 0.23 0.00	28.33 0.19 0.00	31.01 0.27 0.00	34.31 0.40 0.00	39.91 0.53 0.00	42.09 0.39 0.00	41.31 0.32 0.00	33.00 0.18 0.00	30.45 0.16 0.00	32.89 0.17 0.00	31.53 0.18 0.00	25.25 0.12 -0.09	22.66 0.14 0.00	29.77 0.21 0.00	31.87 0.21 0.00	36.38 0.36 0.00	62.98 0.71 0.00	50.97 0.28 -0.37	44.65 0.23 -1.39	32.36 0.17 -1.42	34.99 0.29 -1.49	36.99 0.34 -1.55
V_E_10_SYNC_DSASP 323830	58.44 -0.13 -23.76	32.75 -0.19 -1.34	28.42 -0.15 -1.34	29.45 -0.11 -1.42	32.07 -0.17 -1.51	35.38 -0.13 -1.61	41.24 0.06 -1.80	50.30 0.06 -8.54	62.80 -0.17 -21.97	34.44 -0.72 -2.35	30.78 -0.99 -1.48	33.37 -0.89 -1.55	31.98 -0.69 -1.32	25.88 -0.44 -1.29	23.33 -0.35 -1.16	30.23 -0.65 -1.32	32.74 -0.46 -1.54	37.23 -0.39 -1.61	64.19 -0.43 -2.35	52.86 0.39 -2.15	45.29 0.36 -1.89	32.34 0.08 -1.50	34.72 0.05 -1.46	36.57 -0.12 -1.58
V_F_30_NSYNC___DSASP 323816	36.52 1.71 0.00	33.16 1.55 0.00	28.61 1.38 0.00	29.60 1.46 0.00	32.34 1.60 0.00	35.67 1.76 0.00	41.40 2.03 0.00	43.94 2.24 0.00	43.15 2.16 0.00	34.48 1.66 0.00	31.67 1.38 0.00	34.06 1.35 0.00	32.47 1.12 0.00	25.86 0.82 0.00	23.32 0.80 0.00	30.82 1.26 0.00	33.19 1.53 0.00	37.91 1.89 0.00	65.60 3.34 0.00	52.98 2.65 0.00	45.28 2.25 0.00	32.40 1.63 0.00	34.90 1.68 0.00	36.89 1.78 0.00

V_F_30_SYNC_DSASP 323786	36.10 1.29 0.00	32.78 1.18 0.00	28.31 1.08 0.00	29.28 1.14 0.00	31.97 1.23 0.00	35.20 1.30 0.00	40.83 1.44 0.00	43.36 1.66 0.00	42.66 1.67 0.00	34.22 1.40 0.00	31.58 1.29 0.00	34.02 1.31 0.00	32.48 1.13 0.00	25.89 0.85 0.00	23.29 0.77 0.00	30.66 1.10 0.00	32.93 1.27 0.00	37.52 1.50 0.00	64.81 2.54 0.00	52.42 2.10 0.00	44.83 1.80 0.00	32.08 1.31 0.00	34.53 1.31 0.00	36.51 1.40 0.00
V_XM_10_SYNC_DSASP 323789	35.27 0.46 0.00	31.66 0.06 0.00	26.93 -0.30 0.00	27.74 -0.39 0.00	30.57 -0.17 0.00	34.09 0.19 0.00	39.77 0.39 0.00	41.51 -0.18 0.00	40.77 -0.22 0.00	33.03 0.21 0.00	30.40 0.10 0.00	32.50 -0.21 0.00	30.90 -0.45 0.00	20.54 -0.70 3.79	22.06 -0.46 0.00	29.20 -0.36 0.00	31.55 -0.11 0.00	36.32 0.30 0.00	62.96 0.69 0.00	38.30 -1.19 10.83	0.97 -1.07 41.00	-12.20 -0.82 42.14	-11.70 -0.88 44.04	-11.51 -0.89 45.73
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.11 1.30 0.00	32.81 1.21 0.00	28.39 1.16 0.00	29.27 1.14 0.00	31.94 1.20 0.00	35.15 1.24 0.00	40.80 1.42 0.00	43.38 1.68 0.00	42.80 1.81 0.00	34.55 1.73 0.00	31.98 1.68 0.00	34.51 1.80 0.00	33.09 1.74 0.00	26.48 1.44 0.00	23.79 1.27 0.00	31.17 1.61 0.00	33.30 1.64 0.00	37.85 1.83 0.00	65.22 2.95 0.00	52.96 2.63 0.00	45.20 2.16 0.00	32.27 1.50 0.00	34.70 1.49 0.00	36.51 1.39 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.43 1.62 0.00	33.13 1.52 0.00	28.67 1.44 0.00	29.53 1.40 0.00	32.22 1.48 0.00	35.40 1.49 0.00	41.04 1.66 0.00	43.69 1.98 0.00	43.18 2.19 0.00	34.99 2.17 0.00	32.39 2.10 0.00	34.91 2.20 0.00	33.43 2.08 0.00	26.79 1.75 0.00	24.10 1.58 0.00	31.55 1.99 0.00	33.66 2.00 0.00	38.20 2.18 0.00	65.70 3.43 0.00	53.42 3.09 0.00	45.56 2.52 0.00	32.54 1.78 0.00	35.00 1.78 0.00	36.85 1.74 0.00
W50THST__13_KV_LOAD 356117	36.56 1.75 0.00	33.23 1.63 0.00	28.77 1.54 0.00	29.64 1.50 0.00	32.34 1.60 0.00	35.51 1.60 0.00	41.16 1.78 0.00	43.82 2.12 0.00	43.33 2.35 0.00	35.15 2.34 0.00	32.56 2.27 0.00	35.10 2.39 0.00	33.60 2.26 0.00	26.94 1.90 0.00	24.23 1.71 0.00	31.72 2.16 0.00	33.83 2.16 0.00	38.39 2.37 0.00	65.98 3.71 0.00	53.62 3.29 0.00	45.72 2.69 0.00	32.66 1.89 0.00	35.11 1.90 0.00	36.97 1.86 0.00
WADING RIVER_IC_1 23522	36.46 1.65 0.00	33.10 1.49 0.00	29.14 1.91 0.00	30.01 1.88 0.00	33.17 2.43 0.00	36.44 2.53 0.00	42.37 2.99 0.00	45.14 3.44 0.00	44.66 3.67 0.00	35.03 2.21 0.00	32.40 2.11 0.00	35.19 2.48 0.00	33.46 2.12 0.00	27.00 1.96 0.00	24.30 1.78 0.00	31.83 2.27 0.00	33.40 1.74 0.00	38.08 2.07 0.00	67.35 5.08 0.00	53.60 3.27 0.00	46.52 3.49 0.00	33.07 2.31 0.00	35.78 2.56 0.00	37.27 2.16 0.00
WADING RIVER_IC_2 23547	36.46 1.65 0.00	33.10 1.49 0.00	29.14 1.91 0.00	30.01 1.88 0.00	33.17 2.43 0.00	36.44 2.53 0.00	42.37 2.99 0.00	45.14 3.44 0.00	44.66 3.67 0.00	35.03 2.21 0.00	32.40 2.11 0.00	35.19 2.48 0.00	33.46 2.12 0.00	27.00 1.96 0.00	24.30 1.78 0.00	31.83 2.27 0.00	33.40 1.74 0.00	38.08 2.07 0.00	67.35 5.08 0.00	53.60 3.27 0.00	46.52 3.49 0.00	33.07 2.31 0.00	35.78 2.56 0.00	37.27 2.16 0.00
WADING RIVER_IC_3 23601	36.46 1.65 0.00	33.10 1.49 0.00	29.14 1.91 0.00	30.01 1.88 0.00	33.17 2.43 0.00	36.44 2.53 0.00	42.37 2.99 0.00	45.14 3.44 0.00	44.66 3.67 0.00	35.03 2.21 0.00	32.40 2.11 0.00	35.19 2.48 0.00	33.46 2.12 0.00	27.00 1.96 0.00	24.30 1.78 0.00	31.83 2.27 0.00	33.40 1.74 0.00	38.08 2.07 0.00	67.35 5.08 0.00	53.60 3.27 0.00	46.52 3.49 0.00	33.07 2.31 0.00	35.78 2.56 0.00	37.27 2.16 0.00
WALDENNY_12_KV_BK2 80841	14.82 -2.90 17.10	24.27 -2.73 4.62	20.10 -2.51 4.62	20.69 -2.54 4.90	22.64 -2.90 5.20	25.19 -3.17 5.55	29.54 -3.64 6.20	27.20 -4.28 10.23	19.78 -4.03 17.18	23.31 -3.64 5.86	21.97 -3.23 5.09	24.25 -3.12 5.35	24.08 -2.71 4.56	18.53 -2.07 4.44	16.62 -1.88 4.02	22.49 -2.51 4.56	23.43 -2.93 5.30	27.13 -3.34 5.55	48.53 -5.64 8.10	38.23 -4.68 7.41	32.61 -3.90 6.52	22.72 -2.89 5.15	25.70 -2.50 5.02	26.78 -2.88 5.46
WALDEN__HYDRO 24148	36.07 1.26 0.00	32.78 1.17 0.00	28.35 1.11 0.00	29.23 1.10 0.00	31.91 1.17 0.00	35.12 1.21 0.00	40.77 1.38 0.00	43.33 1.63 0.00	42.73 1.75 0.00	34.49 1.67 0.00	31.90 1.61 0.00	34.42 1.70 0.00	33.00 1.65 0.00	26.39 1.35 0.00	23.71 1.20 0.00	31.08 1.52 0.00	33.22 1.56 0.00	37.76 1.75 0.00	65.14 2.88 0.00	52.86 2.54 0.00	45.13 2.09 0.00	32.23 1.47 0.00	34.67 1.45 0.00	36.49 1.38 0.00
WARRENSBURG____ 23737	36.96 2.15 0.00	33.55 1.95 0.00	28.95 1.71 0.00	29.94 1.81 0.00	32.75 2.01 0.00	36.17 2.26 0.00	41.92 2.54 0.00	44.49 2.78 0.00	43.65 2.66 0.00	34.88 2.06 0.00	31.93 1.64 0.00	34.27 1.55 0.00	32.60 1.25 0.00	25.96 0.92 0.00	23.44 0.93 0.00	31.03 1.47 0.00	33.45 1.78 0.00	38.36 2.34 0.00	66.32 4.06 0.00	53.53 3.20 0.00	45.67 2.63 0.00	32.71 1.95 0.00	35.22 2.01 0.00	37.26 2.14 0.00
WATERSIDE____6 8 9 23538	32.56 1.72 3.97	28.99 1.64 4.26	23.69 1.55 5.10	24.75 1.52 4.91	28.02 1.61 4.33	31.84 1.57 3.64	38.65 1.76 2.49	41.81 2.09 1.99	40.98 2.29 2.31	30.90 2.25 4.16	27.66 2.15 4.78	31.46 2.24 3.49	29.85 2.14 3.63	21.80 1.82 5.06	18.50 1.63 5.65	27.46 2.03 4.12	29.96 2.04 3.75	35.44 2.19 2.77	65.13 3.49 0.62	53.31 3.13 0.14	43.57 2.60 2.07	28.63 1.85 3.99	31.80 1.86 3.28	34.12 1.85 2.84
WATKINRD_115KV_LN8_ILLION 55919	35.04 0.22 0.00	31.80 0.19 0.00	27.45 0.21 0.00	28.38 0.25 0.00	30.99 0.25 0.00	34.16 0.25 0.00	39.66 0.28 0.00	42.12 0.42 0.00	41.34 0.35 0.00	33.05 0.23 0.00	30.45 0.15 0.00	32.81 0.09 0.00	31.33 -0.01 0.00	25.01 -0.04 0.00	22.53 0.01 0.00	29.62 0.07 0.00	31.80 0.14 0.00	36.23 0.21 0.00	62.76 0.50 0.00	50.86 0.53 0.00	43.53 0.50 0.00	31.10 0.34 0.00	33.49 0.28 0.00	35.38 0.27 0.00
WATSON__69_KV_BK 1 55734	36.99 2.18 0.00	33.60 1.99 0.00	29.22 1.99 0.00	30.08 1.94 0.00	32.89 2.15 0.00	36.11 2.21 0.00	41.96 2.58 0.00	44.68 2.98 0.00	44.20 3.22 0.00	35.49 2.68 0.00	33.06 2.77 0.00	35.68 2.96 0.00	33.99 2.64 0.00	27.39 2.35 0.00	24.65 2.13 0.00	32.25 2.70 0.00	34.32 2.66 0.00	38.98 2.96 0.00	67.40 5.13 0.00	54.42 4.09 0.00	46.65 3.62 0.00	33.28 2.52 0.00	35.87 2.65 0.00	37.57 2.46 0.00
WDELAWARE__HYD 323627	36.01 1.20 0.00	32.71 1.10 0.00	28.26 1.03 0.00	29.15 1.02 0.00	31.84 1.10 0.00	35.07 1.16 0.00	40.73 1.35 0.00	43.27 1.57 0.00	42.70 1.71 0.00	34.41 1.59 0.00	31.83 1.54 0.00	34.36 1.64 0.00	32.94 1.60 0.00	26.32 1.28 0.00	23.63 1.11 0.00	30.98 1.42 0.00	33.13 1.47 0.00	37.68 1.66 0.00	65.13 2.87 0.00	52.87 2.54 0.00	45.10 2.06 0.00	32.20 1.44 0.00	34.62 1.40 0.00	36.44 1.32 0.00

WEST BABYLON___IC 23714	36.92 2.11 0.00	33.54 1.93 0.00	29.14 1.90 0.00	29.99 1.85 0.00	32.78 2.04 0.00	36.00 2.09 0.00	41.81 2.43 0.00	44.53 2.82 0.00	44.05 3.06 0.00	35.43 2.61 0.00	32.99 2.70 0.00	35.59 2.88 0.00	33.95 2.60 0.00	27.33 2.29 0.00	24.59 2.07 0.00	32.19 2.63 0.00	34.28 2.62 0.00	38.91 2.89 0.00	67.20 4.94 0.00	54.30 3.98 0.00	46.50 3.47 0.00	33.18 2.42 0.00	35.76 2.54 0.00	37.48 2.37 0.00
WEST CANADA___HYD 24049	34.90 0.09 0.00	31.70 0.09 0.00	27.34 0.10 0.00	28.25 0.11 0.00	30.86 0.12 0.00	34.02 0.11 0.00	39.50 0.12 0.00	41.88 0.18 0.00	41.16 0.17 0.00	32.97 0.16 0.00	30.41 0.12 0.00	32.82 0.11 0.00	31.43 0.09 0.00	25.11 0.07 0.00	22.58 0.06 0.00	29.65 0.09 0.00	31.78 0.12 0.00	36.15 0.13 0.00	62.50 0.23 0.00	50.57 0.25 0.00	43.25 0.22 0.00	30.92 0.16 0.00	33.35 0.13 0.00	35.24 0.12 0.00
WESTERN_NY_WIND 24143	18.38 -2.38 14.05	24.86 -2.30 4.45	20.64 -2.14 4.45	21.25 -2.16 4.72	23.27 -2.46 5.01	25.91 -2.65 5.35	30.43 -2.97 5.98	29.07 -3.49 9.14	23.29 -3.33 14.36	23.98 -3.27 5.57	22.56 -2.82 4.91	24.73 -2.83 5.15	24.55 -2.40 4.40	19.05 -1.70 4.28	17.05 -1.60 3.87	22.95 -2.21 4.40	23.92 -2.63 5.11	27.68 -2.99 5.35	49.83 -4.62 7.82	39.44 -3.74 7.14	33.60 -3.14 6.29	23.47 -2.33 4.97	26.37 -2.01 4.84	27.53 -2.32 5.26
WESTOVER___LESR 323668	25.81 -1.02 7.98	30.78 -0.83 0.00	26.53 -0.70 0.00	27.47 -0.66 0.00	29.99 -0.74 0.00	33.07 -0.84 0.00	38.40 -0.98 0.00	38.22 -1.12 2.37	32.61 -1.16 7.21	31.56 -0.98 0.27	29.37 -0.92 0.00	31.86 -0.85 0.00	30.61 -0.74 0.00	24.48 -0.56 0.00	22.02 -0.50 0.00	28.85 -0.71 0.00	30.94 -0.73 0.00	35.09 -0.93 0.00	60.70 -1.56 0.00	49.23 -1.10 0.00	42.13 -0.90 0.00	30.06 -0.71 0.00	32.55 -0.67 0.00	34.29 -0.82 0.00
WETHRSFD_WT_PWR 323626	-13.15 -4.05 43.91	-13.38 -3.60 41.39	-17.26 -3.11 41.39	-18.93 -3.15 43.92	-19.27 -3.43 46.57	-19.68 -3.87 49.72	-20.69 -4.45 55.63	-22.45 -4.87 59.28	-19.03 -4.91 55.11	-20.11 -4.14 48.79	-19.14 -3.76 45.67	-19.17 -3.96 47.93	-13.22 -3.67 40.90	-17.56 -2.78 39.82	-16.05 -2.57 36.00	-14.76 -3.43 40.89	-19.39 -3.54 47.52	-18.08 -4.32 49.78	-17.54 -7.14 72.67	-21.58 -5.47 66.43	-20.16 -4.72 58.47	-18.91 -3.47 46.20	-15.33 -3.55 45.00	-17.70 -3.90 48.91
WHAVSTOR_138KV_BK127 55557	35.98 1.17 0.00	32.71 1.10 0.00	28.30 1.07 0.00	29.18 1.04 0.00	31.84 1.10 0.00	35.03 1.12 0.00	40.65 1.27 0.00	43.22 1.52 0.00	42.63 1.64 0.00	34.42 1.61 0.00	31.86 1.56 0.00	34.38 1.66 0.00	32.95 1.61 0.00	26.38 1.34 0.00	23.70 1.18 0.00	31.04 1.49 0.00	33.17 1.51 0.00	37.69 1.67 0.00	64.94 2.67 0.00	52.72 2.40 0.00	45.01 1.98 0.00	32.14 1.38 0.00	34.57 1.35 0.00	36.37 1.26 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.98 1.17 0.00	32.71 1.10 0.00	28.30 1.07 0.00	29.18 1.04 0.00	31.84 1.10 0.00	35.03 1.12 0.00	40.65 1.27 0.00	43.22 1.52 0.00	42.63 1.64 0.00	34.42 1.61 0.00	31.86 1.56 0.00	34.38 1.66 0.00	32.95 1.61 0.00	26.38 1.34 0.00	23.70 1.18 0.00	31.04 1.49 0.00	33.17 1.51 0.00	37.69 1.67 0.00	64.94 2.67 0.00	52.72 2.40 0.00	45.01 1.98 0.00	32.14 1.38 0.00	34.57 1.35 0.00	36.37 1.26 0.00
WHITEHAL_115KV_TB1 80871	37.78 2.97 0.00	34.19 2.58 0.00	29.46 2.23 0.00	30.50 2.36 0.00	33.45 2.72 0.00	37.13 3.23 0.00	42.61 3.23 0.00	45.10 3.40 0.00	44.12 3.13 0.00	35.30 2.48 0.00	32.15 1.85 0.00	34.42 1.71 0.00	32.77 1.43 0.00	26.11 1.07 0.00	23.67 1.15 0.00	31.50 1.94 0.00	34.12 2.46 0.00	39.34 3.32 0.00	67.78 5.52 0.00	54.38 4.06 0.00	46.12 3.09 0.00	33.24 2.48 0.00	35.79 2.56 0.00	37.99 2.88 0.00
WHITEPLN_13_KV_LOAD 356215	36.56 1.75 0.00	33.23 1.62 0.00	28.74 1.51 0.00	29.64 1.50 0.00	32.34 1.61 0.00	35.57 1.67 0.00	41.27 1.89 0.00	43.90 2.20 0.00	43.38 2.39 0.00	35.04 2.23 0.00	32.44 2.15 0.00	35.03 2.31 0.00	33.54 2.20 0.00	26.86 1.83 0.00	24.14 1.62 0.00	31.63 2.07 0.00	33.77 2.11 0.00	38.37 2.35 0.00	66.13 3.86 0.00	53.67 3.35 0.00	45.82 2.79 0.00	32.73 1.96 0.00	35.19 1.97 0.00	37.01 1.90 0.00
WM_FLOYD_69_KV_BK2 356380	36.67 1.85 0.00	33.32 1.72 0.00	29.11 1.88 0.00	29.97 1.83 0.00	32.86 2.12 0.00	36.06 2.15 0.00	41.92 2.54 0.00	44.63 2.93 0.00	44.15 3.16 0.00	35.20 2.38 0.00	32.73 2.44 0.00	35.37 2.65 0.00	33.67 2.32 0.00	27.16 2.12 0.00	24.44 1.92 0.00	32.00 2.43 0.00	33.91 2.25 0.00	38.57 2.55 0.00	67.06 4.79 0.00	53.91 3.59 0.00	46.39 3.36 0.00	33.08 2.32 0.00	35.66 2.44 0.00	37.32 2.20 0.00
WOODARD___115KV_TB2 355635	33.78 -1.03 0.00	30.71 -0.90 0.00	26.45 -0.78 0.00	27.35 -0.78 0.00	29.86 -0.88 0.00	32.96 -0.95 0.00	38.29 -1.09 0.00	40.51 -1.20 0.00	39.77 -1.22 0.00	31.71 -1.10 0.00	29.25 -1.05 0.00	31.66 -1.06 0.00	30.38 -0.96 0.00	24.29 -0.75 0.00	21.85 -0.67 0.00	28.65 -0.91 0.00	30.71 -0.95 0.00	34.86 -1.15 0.00	60.32 -1.94 0.00	48.87 -1.46 0.00	41.78 -1.25 0.00	29.86 -0.91 0.00	32.27 -0.95 0.00	34.12 -0.99 0.00
YORK___WARBASSE 23770	55.03 1.98 -18.24	53.02 1.88 -19.54	52.40 1.77 -23.41	52.40 1.72 -22.54	52.42 1.82 -19.86	52.42 1.82 -16.69	52.87 2.06 -11.43	53.23 2.41 -9.12	54.17 2.59 -10.59	54.41 2.49 -19.10	54.62 2.38 -21.95	51.20 2.48 -16.01	50.40 2.36 -16.69	50.26 2.01 -23.22	50.23 1.80 -25.91	50.75 2.26 -18.93	51.15 2.28 -17.21	51.18 2.46 -12.70	69.01 3.91 -2.84	54.49 3.51 -0.66	55.42 2.91 -9.48	51.16 2.09 -18.31	50.37 2.11 -15.04	50.29 2.12 -13.05