

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/18/2025

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	46.89	44.21	41.32	45.13	45.34	49.73	82.59	224.50	58.45	36.71	38.64	36.65	33.59	29.98	28.67	29.19	28.91	32.41	52.58	102.68	76.84	48.52	42.59	44.31
24138	1.30	1.16	1.18	1.36	1.33	1.80	3.17	11.23	2.80	1.97	2.23	2.03	1.78	1.54	1.53	1.55	1.65	1.84	2.49	4.70	3.69	2.47	2.11	1.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	46.92	44.26	41.38	45.19	45.41	49.78	82.57	224.39	58.42	36.64	38.58	36.57	33.53	29.94	28.63	29.15	28.88	32.41	52.68	102.91	76.97	48.58	42.63	44.36
24260	1.32	1.22	1.24	1.42	1.39	1.85	3.15	11.11	2.77	1.90	2.17	1.95	1.72	1.49	1.49	1.51	1.62	1.84	2.59	4.94	3.81	2.53	2.15	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	46.92	44.26	41.38	45.19	45.41	49.78	82.57	224.39	58.42	36.64	38.58	36.57	33.53	29.94	28.63	29.15	28.88	32.41	52.68	102.91	76.97	48.58	42.63	44.36
24261	1.32	1.22	1.24	1.42	1.39	1.85	3.15	11.11	2.77	1.90	2.17	1.95	1.72	1.49	1.49	1.51	1.62	1.84	2.59	4.94	3.81	2.53	2.15	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	47.09	44.45	41.48	45.30	45.58	50.14	82.98	224.17	58.57	36.00	37.54	35.37	32.44	29.02	27.73	28.31	27.40	31.87	52.44	102.71	76.74	48.34	42.26	44.42
24011	1.49	1.41	1.33	1.53	1.56	2.21	3.56	10.90	2.92	1.26	1.13	0.75	0.62	0.58	0.58	0.68	0.96	1.30	2.36	4.74	3.59	2.30	1.78	1.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	47.26	44.60	41.59	45.40	45.71	50.37	83.33	225.39	59.00	36.16	37.67	35.42	32.47	29.05	27.78	28.38	27.46	31.93	52.60	103.07	76.99	48.54	42.40	44.56
23798	1.67	1.56	1.44	1.63	1.69	2.44	3.92	12.12	3.35	1.42	1.26	0.80	0.66	0.60	0.64	0.74	1.03	1.36	2.51	5.10	3.83	2.49	1.93	2.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	47.09	44.45	41.48	45.30	45.58	50.14	82.98	224.17	58.57	36.00	37.54	35.37	32.44	29.02	27.73	28.31	27.40	31.87	52.44	102.71	76.74	48.34	42.26	44.42
24028	1.49	1.41	1.33	1.53	1.56	2.21	3.56	10.90	2.92	1.26	1.13	0.75	0.62	0.58	0.58	0.68	0.96	1.30	2.36	4.74	3.59	2.30	1.78	1.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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_NYS___DAM	46.12	43.62	40.88	44.57	44.82	49.14	80.73	217.62	57.33	35.63	37.43	35.47	32.58	29.14	27.91	28.51	27.46	31.88	52.01	101.39	75.83	48.02	42.21	44.21
23527	0.53	0.58	0.73	0.80	0.81	1.22	1.31	4.34	1.68	0.89	1.02	0.86	0.76	0.70	0.77	0.87	1.03	1.31	1.93	3.41	2.68	1.97	1.73	1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	45.34	42.89	40.08	43.70	43.94	48.12	79.44	214.31	56.07	34.96	36.65	34.81	32.01	28.65	27.40	27.92	26.87	31.14	50.79	98.97	73.92	46.72	41.14	43.31
24190	-0.25	-0.15	-0.07	-0.07	-0.08	0.19	0.03	1.04	0.42	0.22	0.24	0.19	0.20	0.21	0.25	0.29	0.44	0.57	0.70	1.00	0.76	0.67	0.66	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	46.78	44.01	40.94	44.62	45.04	48.96	81.06	216.54	56.61	35.36	36.99	35.13	32.31	28.89	27.53	28.01	26.72	30.87	50.57	99.04	73.94	46.56	41.16	43.39
355683	1.19	0.96	0.79	0.86	1.03	1.04	1.65	3.27	0.96	0.62	0.58	0.51	0.49	0.45	0.39	0.37	0.28	0.30	0.48	1.06	0.78	0.51	0.68	0.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	46.24	43.75	40.86	44.56	44.82	49.05	81.06	218.28	56.70	35.03	36.66	34.78	31.99	28.63	27.35	27.88	26.84	31.33	51.51	100.64	75.18	47.48	41.76	43.86
323833	0.65	0.70	0.71	0.80	0.81	1.12	1.64	5.01	1.05	0.28	0.25	0.17	0.18	0.19	0.21	0.24	0.40	0.76	1.42	2.66	2.03	1.44	1.28	1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	46.23	43.73	40.85	44.55	44.82	49.05	81.04	218.25	56.68	35.03	36.66	34.78	31.99	28.63	27.35	27.88	26.83	31.32	51.50	100.60	75.16	47.48	41.74	43.86
323834	0.64	0.68	0.70	0.79	0.81	1.12	1.63	4.97	1.04	0.28	0.25	0.17	0.17	0.18	0.21	0.24	0.40	0.75	1.42	2.63	2.01	1.43	1.26	1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___I	45.34	42.89	40.08	43.70	43.94	48.12	79.44	214.31	56.07	34.96	36.65	34.81	32.01	28.65	27.40	27.92	26.87	31.14	50.79	98.97	73.92	46.72	41.14	43.31
23571	-0.25	-0.15	-0.07	-0.07	-0.08	0.19	0.03	1.04	0.42	0.22	0.24	0.19	0.20	0.21	0.25	0.29	0.44	0.57	0.70	1.00	0.76	0.67	0.66	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	45.34 -0.25 0.00	42.89 -0.15 0.00	40.08 -0.07 0.00	43.70 -0.07 0.00	43.94 -0.08 0.00	48.12 0.19 0.00	79.44 0.03 0.00	214.31 1.04 0.00	56.07 0.42 0.00	34.96 0.22 0.00	36.65 0.24 0.00	34.81 0.19 0.00	32.01 0.20 0.00	28.65 0.21 0.00	27.40 0.25 0.00	27.92 0.29 0.00	26.87 0.44 0.00	31.14 0.57 0.00	50.79 0.70 0.00	98.97 1.00 0.00	73.92 0.76 0.00	46.72 0.67 0.00	41.14 0.66 0.00	43.31 0.80 0.00
ALBANY___3 23573	45.34 -0.25 0.00	42.89 -0.15 0.00	40.08 -0.07 0.00	43.70 -0.07 0.00	43.94 -0.08 0.00	48.12 0.19 0.00	79.44 0.03 0.00	214.31 1.04 0.00	56.07 0.42 0.00	34.96 0.22 0.00	36.65 0.24 0.00	34.81 0.19 0.00	32.01 0.20 0.00	28.65 0.21 0.00	27.40 0.25 0.00	27.92 0.29 0.00	26.87 0.44 0.00	31.14 0.57 0.00	50.79 0.70 0.00	98.97 1.00 0.00	73.92 0.76 0.00	46.72 0.67 0.00	41.14 0.66 0.00	43.31 0.80 0.00
ALBANY___4 23574	45.34 -0.25 0.00	42.89 -0.15 0.00	40.08 -0.07 0.00	43.70 -0.07 0.00	43.94 -0.08 0.00	48.12 0.19 0.00	79.44 0.03 0.00	214.31 1.04 0.00	56.07 0.42 0.00	34.96 0.22 0.00	36.65 0.24 0.00	34.81 0.19 0.00	32.01 0.20 0.00	28.65 0.21 0.00	27.40 0.25 0.00	27.92 0.29 0.00	26.87 0.44 0.00	31.14 0.57 0.00	50.79 0.70 0.00	98.97 1.00 0.00	73.92 0.76 0.00	46.72 0.67 0.00	41.14 0.66 0.00	43.31 0.80 0.00
ALBANY___LFGE 323615	45.77 0.17 0.00	43.29 0.25 0.00	40.43 0.28 0.00	44.09 0.32 0.00	44.34 0.33 0.00	48.57 0.64 0.00	80.24 0.83 0.00	216.46 3.19 0.00	56.62 0.97 0.00	35.27 0.53 0.00	36.97 0.56 0.00	35.09 0.48 0.00	32.26 0.45 0.00	28.87 0.43 0.00	27.59 0.45 0.00	28.14 0.50 0.00	27.09 0.66 0.00	31.43 0.86 0.00	51.29 1.20 0.00	99.98 2.01 0.00	74.60 1.45 0.00	47.13 1.09 0.00	41.47 0.99 0.00	43.61 1.09 0.00
ALCOA_PA_115KV_PL-6C 55860	46.95 1.36 0.00	44.16 1.12 0.00	41.08 0.94 0.00	44.77 1.00 0.00	45.21 1.19 0.00	49.16 1.23 0.00	81.42 2.01 0.00	217.44 4.16 0.00	56.77 1.13 0.00	35.41 0.67 0.00	37.01 0.60 0.00	35.13 0.52 0.00	32.31 0.49 0.00	28.89 0.45 0.00	27.53 0.39 0.00	28.01 0.37 0.00	26.72 0.28 0.00	30.88 0.31 0.00	50.68 0.59 0.00	99.33 1.37 0.00	74.16 1.01 0.00	46.67 0.62 0.00	41.26 0.78 0.00	43.50 0.98 0.00
ALCOA_RYNLDS___DRP 24188	46.95 1.36 0.00	44.16 1.12 0.00	41.08 0.94 0.00	44.77 1.00 0.00	45.21 1.19 0.00	49.16 1.23 0.00	81.42 2.01 0.00	217.44 4.16 0.00	56.77 1.13 0.00	35.41 0.67 0.00	37.01 0.60 0.00	35.13 0.52 0.00	32.31 0.49 0.00	28.89 0.45 0.00	27.53 0.39 0.00	28.01 0.37 0.00	26.72 0.28 0.00	30.88 0.31 0.00	50.68 0.59 0.00	99.33 1.37 0.00	74.16 1.01 0.00	46.67 0.62 0.00	41.26 0.78 0.00	43.50 0.98 0.00
ALCOA___DSASP 323711	46.95 1.35 0.00	44.16 1.11 0.00	41.08 0.94 0.00	44.77 1.00 0.00	45.20 1.19 0.00	49.16 1.23 0.00	81.42 2.01 0.00	217.43 4.16 0.00	56.77 1.13 0.00	35.41 0.67 0.00	37.01 0.60 0.00	35.13 0.52 0.00	32.31 0.49 0.00	28.89 0.45 0.00	27.53 0.39 0.00	28.01 0.37 0.00	26.72 0.28 0.00	30.88 0.32 0.00	50.68 0.59 0.00	99.34 1.37 0.00	74.16 1.01 0.00	46.67 0.62 0.00	41.26 0.78 0.00	43.50 0.98 0.00
ALLEGHENY___COGEN 23514	46.59 1.00 0.00	44.23 1.18 0.00	40.99 0.84 0.00	44.46 0.69 0.00	44.65 0.64 0.00	48.58 0.65 0.00	81.57 2.15 0.00	217.04 3.77 0.00	55.54 -0.11 0.00	33.65 -1.09 0.00	35.08 -1.33 0.00	33.46 -1.15 0.00	30.82 -0.99 0.00	27.37 -1.07 0.00	25.95 -1.19 0.00	26.42 -1.22 0.00	24.98 -1.45 0.00	28.93 -1.64 0.00	48.69 -1.41 0.00	98.08 0.11 0.00	73.04 -0.12 0.00	45.13 -0.91 0.00	39.31 -1.17 0.00	41.41 -1.11 0.00
ALTAMONT_115KV_TB 2 55880	45.84 0.24 0.00	43.33 0.29 0.00	40.46 0.31 0.00	44.13 0.36 0.00	44.35 0.34 0.00	48.39 0.46 0.00	79.95 0.53 0.00	215.57 2.30 0.00	56.33 0.68 0.00	35.13 0.39 0.00	36.84 0.43 0.00	34.98 0.36 0.00	32.14 0.33 0.00	28.75 0.30 0.00	27.48 0.33 0.00	28.00 0.36 0.00	26.90 0.47 0.00	31.16 0.59 0.00	50.93 0.84 0.00	99.56 1.59 0.00	74.43 1.28 0.00	47.00 0.96 0.00	41.31 0.83 0.00	43.32 0.80 0.00
ALTONA_WT_PWR 323606	47.79 2.19 0.00	45.12 2.08 0.00	42.43 2.28 0.00	46.26 2.49 0.00	46.73 2.71 0.00	50.48 2.56 0.00	82.96 3.54 0.00	224.37 11.10 0.00	58.73 3.08 0.00	36.38 1.64 0.00	38.13 1.72 0.00	35.98 1.37 0.00	33.11 1.29 0.00	29.74 1.29 0.00	28.25 1.11 0.00	28.78 1.15 0.00	27.40 0.97 0.00	31.77 1.20 0.00	51.83 1.74 0.00	101.44 3.47 0.00	76.14 2.99 0.00	48.48 2.44 0.00	42.59 2.11 0.00	44.77 2.25 0.00
AMERICAN_REF_FUEL 24010	43.45 -2.14 0.00	41.30 -1.74 0.00	37.96 -2.19 0.00	41.11 -2.66 0.00	41.43 -2.59 0.00	44.74 -3.19 0.00	74.40 -5.01 0.00	194.31 -18.96 0.00	50.84 -4.80 0.00	32.42 -2.32 0.00	34.02 -2.39 0.00	32.48 -2.13 0.00	30.03 -1.79 0.00	26.72 -1.73 0.00	25.37 -1.78 0.00	25.80 -1.85 0.00	24.07 -2.37 0.00	27.31 -3.26 0.00	45.25 -4.84 0.00	89.07 -8.90 0.00	66.12 -7.04 0.00	41.08 -4.96 0.00	36.14 -4.34 0.00	38.79 -3.73 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	46.12 0.52 0.00	43.27 0.23 0.00	39.49 -0.66 0.00	42.99 -0.78 0.00	43.03 -0.99 0.00	46.33 -1.60 0.00	77.49 -1.92 0.00	205.83 -7.44 0.00	52.93 -2.72 0.00	32.90 -1.84 0.00	34.81 -1.60 0.00	33.49 -1.13 0.00	30.97 -0.84 0.00	27.74 -0.70 0.00	26.42 -0.72 0.00	26.48 -1.15 0.00	24.78 -1.66 0.00	28.51 -2.05 0.00	48.16 -1.93 0.00	95.18 -2.79 0.00	70.11 -3.04 0.00	42.46 -3.58 0.00	37.10 -3.38 0.00	38.98 -3.54 0.00
ARTHUR KILL_GT_1 23520	50.23 1.40 -3.24	49.45 1.32 -5.09	49.28 1.31 -7.82	49.29 1.53 -3.99	49.29 1.47 -3.81	52.09 1.79 -2.37	83.98 2.83 -1.73	223.93 10.66 -0.01	96.22 2.76 -37.80	50.44 1.89 -13.81	50.57 2.05 -12.11	49.88 1.89 -13.37	49.42 1.69 -15.92	49.06 1.48 -19.13	49.06 1.50 -20.42	49.06 1.51 -19.91	49.89 1.65 -21.80	53.13 1.87 -20.68	62.41 2.53 -9.79	102.61 4.64 0.00	78.63 3.52 -1.96	80.87 2.53 -32.30	58.91 2.21 -16.21	53.99 1.91 -9.57
ARTHUR_KILL_2 23512	50.11 1.28 -3.24	49.33 1.20 -5.09	49.16 1.19 -7.82	49.16 1.40 -3.99	49.16 1.34 -3.81	51.95 1.65 -2.37	83.71 2.56 -1.73	223.27 9.99 -0.01	96.05 2.60 -37.80	50.35 1.79 -13.81	50.48 1.96 -12.11	49.80 1.81 -13.37	49.36 1.63 -15.92	49.00 1.42 -19.13	49.00 1.44 -20.42	49.00 1.46 -19.91	49.82 1.58 -21.80	53.05 1.80 -20.68	62.29 2.41 -9.79	102.31 4.33 0.00	78.40 3.30 -1.96	80.73 2.39 -32.30	58.80 2.10 -16.21	53.88 1.80 -9.57
ARTHUR_KILL_3 23513	49.63 0.75 -3.29	49.07 0.70 -5.33	49.00 0.73 -8.12	48.67 0.90 -4.00	48.69 0.86 -3.81	51.52 1.22 -2.37	81.49 2.07 0.00	221.61 8.34 0.00	57.64 1.99 0.00	47.84 1.38 -11.72	44.33 1.62 -6.30	47.66 1.46 -11.59	48.96 1.24 -15.91	42.08 1.09 -12.54	38.66 1.10 -10.42	48.65 1.11 -19.90	49.47 1.24 -21.80	52.67 1.42 -20.68	61.76 1.88 -9.79	101.58 3.61 0.00	76.03 2.88 0.00	54.50 1.95 -6.50	58.34 1.65 -16.21	53.39 1.28 -9.59

ARTHUR_KILL_COGEN 323718	50.23 1.40 -3.24	49.45 1.32 -5.09	49.28 1.31 -7.82	49.29 1.53 -3.99	49.29 1.47 -3.81	52.09 1.79 -2.37	83.98 2.83 -1.73	223.93 10.66 -0.01	96.22 2.76 -37.80	50.44 1.89 -13.81	50.57 2.05 -12.11	49.88 1.89 -13.37	49.42 1.69 -15.92	49.06 1.48 -19.13	49.06 1.50 -20.42	49.06 1.51 -19.91	49.89 1.65 -21.80	53.13 1.87 -20.68	62.41 2.53 -9.79	102.61 4.64 0.00	78.63 3.52 -1.96	80.87 2.53 -32.30	58.91 2.21 -16.21	53.99 1.91 -9.57
ASHOKAN____ 23654	47.40 1.80 0.00	44.72 1.67 0.00	41.81 1.67 0.00	45.64 1.87 0.00	45.90 1.89 0.00	50.36 2.43 0.00	83.66 4.24 0.00	226.67 13.39 0.00	59.09 3.44 0.00	36.69 1.94 0.00	38.25 1.84 0.00	36.00 1.38 0.00	32.94 1.13 0.00	29.42 0.97 0.00	28.05 0.91 0.00	28.59 0.95 0.00	27.56 1.12 0.00	32.05 1.49 0.00	52.69 2.60 0.00	103.59 5.62 0.00	77.55 4.40 0.00	48.90 2.85 0.00	42.83 2.35 0.00	44.69 2.17 0.00
ASTORIA_EAST_ENERGY_CC1 323581	46.48 0.89 0.00	43.90 0.85 -0.01	41.00 0.85 -0.01	44.78 1.00 -0.01	44.97 0.94 -0.01	49.23 1.31 0.00	81.72 2.30 0.00	224.51 9.47 -1.76	57.92 2.28 0.00	36.33 1.59 0.00	38.18 1.78 0.01	36.20 1.58 -0.01	33.22 1.40 -0.01	29.69 1.23 -0.01	28.41 1.26 0.00	28.93 1.29 0.00	28.69 1.42 -0.83	32.15 1.58 0.00	52.14 2.05 0.00	101.92 3.94 0.00	76.25 3.09 0.00	48.18 2.15 0.01	42.33 1.86 0.01	43.94 1.42 0.00
ASTORIA_EAST_ENERGY_CC2 323582	46.48 0.89 0.00	43.90 0.85 -0.01	41.00 0.85 -0.01	44.78 1.00 -0.01	44.97 0.94 -0.01	49.23 1.31 0.00	81.72 2.30 0.00	224.51 9.47 -1.76	57.92 2.27 0.00	36.33 1.59 0.00	38.18 1.78 0.01	36.19 1.57 -0.01	33.22 1.40 -0.01	29.69 1.23 -0.01	28.41 1.26 0.00	28.93 1.29 0.00	28.69 1.42 -0.83	32.15 1.58 0.00	52.14 2.05 0.00	101.92 3.94 0.00	76.25 3.09 0.00	48.18 2.15 0.01	42.33 1.86 0.01	43.94 1.42 0.00
ASTORIA_GT2_1 24094	46.51 0.92 0.00	43.91 0.87 -0.01	41.02 0.87 -0.01	44.80 1.03 -0.01	45.00 0.97 -0.01	49.26 1.33 0.00	81.77 2.35 0.00	224.85 9.81 -1.76	57.96 2.31 0.00	36.34 1.60 0.00	38.20 1.80 0.01	36.22 1.60 -0.01	33.24 1.42 -0.01	29.70 1.24 -0.01	28.41 1.27 0.00	28.94 1.30 0.00	28.69 1.42 -0.83	32.15 1.58 -0.01	52.17 2.08 0.00	101.99 4.02 0.00	76.28 3.13 0.00	48.21 2.17 0.01	42.35 1.87 0.00	43.98 1.46 0.00
ASTORIA_GT2_2 24095	46.51 0.92 0.00	43.91 0.87 -0.01	41.02 0.87 -0.01	44.80 1.03 -0.01	45.00 0.97 -0.01	49.26 1.33 0.00	81.77 2.35 0.00	224.85 9.81 -1.76	57.96 2.31 0.00	36.34 1.60 0.00	38.20 1.80 0.01	36.22 1.60 -0.01	33.24 1.42 -0.01	29.70 1.24 -0.01	28.41 1.27 0.00	28.94 1.30 0.00	28.69 1.42 -0.83	32.15 1.58 -0.01	52.17 2.08 0.00	101.99 4.02 0.00	76.28 3.13 0.00	48.21 2.17 0.01	42.35 1.87 0.00	43.98 1.46 0.00
ASTORIA_GT2_3 24096	46.51 0.92 0.00	43.91 0.87 -0.01	41.02 0.87 -0.01	44.80 1.03 -0.01	45.00 0.97 -0.01	49.26 1.33 0.00	81.77 2.35 0.00	224.85 9.81 -1.76	57.96 2.31 0.00	36.34 1.60 0.00	38.20 1.80 0.01	36.22 1.60 -0.01	33.24 1.42 -0.01	29.70 1.24 -0.01	28.41 1.27 0.00	28.94 1.30 0.00	28.69 1.42 -0.83	32.15 1.58 -0.01	52.17 2.08 0.00	101.99 4.02 0.00	76.28 3.13 0.00	48.21 2.17 0.01	42.35 1.87 0.00	43.98 1.46 0.00
ASTORIA_GT2_4 24097	46.51 0.92 0.00	43.91 0.87 -0.01	41.02 0.87 -0.01	44.80 1.03 -0.01	45.00 0.97 -0.01	49.26 1.33 0.00	81.77 2.35 0.00	224.85 9.81 -1.76	57.96 2.31 0.00	36.34 1.60 0.00	38.20 1.80 0.01	36.22 1.60 -0.01	33.24 1.42 -0.01	29.70 1.24 -0.01	28.41 1.27 0.00	28.94 1.30 0.00	28.69 1.42 -0.83	32.15 1.58 -0.01	52.17 2.08 0.00	101.99 4.02 0.00	76.28 3.13 0.00	48.21 2.17 0.01	42.35 1.87 0.00	43.98 1.46 0.00
ASTORIA_GT3_1 24098	46.51 0.92 0.00	43.91 0.87 -0.01	41.02 0.87 -0.01	44.80 1.03 -0.01	45.00 0.97 -0.01	49.26 1.33 0.00	81.77 2.35 0.00	224.85 9.81 -1.76	57.96 2.31 0.00	36.34 1.60 0.00	38.20 1.80 0.01	36.22 1.60 -0.01	33.24 1.42 -0.01	29.70 1.24 -0.01	28.41 1.27 0.00	28.94 1.30 0.00	28.69 1.42 -0.83	32.15 1.58 -0.01	52.17 2.08 0.00	101.99 4.02 0.00	76.28 3.13 0.00	48.21 2.17 0.01	42.35 1.87 0.00	43.98 1.46 0.00
ASTORIA_GT3_2 24099	46.51 0.92 0.00	43.91 0.87 -0.01	41.02 0.87 -0.01	44.80 1.03 -0.01	45.00 0.97 -0.01	49.26 1.33 0.00	81.77 2.35 0.00	224.85 9.81 -1.76	57.96 2.31 0.00	36.34 1.60 0.00	38.20 1.80 0.01	36.22 1.60 -0.01	33.24 1.42 -0.01	29.70 1.24 -0.01	28.41 1.27 0.00	28.94 1.30 0.00	28.69 1.42 -0.83	32.15 1.58 -0.01	52.17 2.08 0.00	101.99 4.02 0.00	76.28 3.13 0.00	48.21 2.17 0.01	42.35 1.87 0.00	43.98 1.46 0.00
ASTORIA_GT3_3 24100	46.51 0.92 0.00	43.91 0.87 -0.01	41.02 0.87 -0.01	44.80 1.03 -0.01	45.00 0.97 -0.01	49.26 1.33 0.00	81.77 2.35 0.00	224.85 9.81 -1.76	57.96 2.31 0.00	36.34 1.60 0.00	38.20 1.80 0.01	36.22 1.60 -0.01	33.24 1.42 -0.01	29.70 1.24 -0.01	28.41 1.27 0.00	28.94 1.30 0.00	28.69 1.42 -0.83	32.15 1.58 -0.01	52.17 2.08 0.00	101.99 4.02 0.00	76.28 3.13 0.00	48.21 2.17 0.01	42.35 1.87 0.00	43.98 1.46 0.00
ASTORIA_GT3_4 24101	46.51 0.92 0.00	43.91 0.87 -0.01	41.02 0.87 -0.01	44.80 1.03 -0.01	45.00 0.97 -0.01	49.26 1.33 0.00	81.77 2.35 0.00	224.85 9.81 -1.76	57.96 2.31 0.00	36.34 1.60 0.00	38.20 1.80 0.01	36.22 1.60 -0.01	33.24 1.42 -0.01	29.70 1.24 -0.01	28.41 1.27 0.00	28.94 1.30 0.00	28.69 1.42 -0.83	32.15 1.58 -0.01	52.17 2.08 0.00	101.99 4.02 0.00	76.28 3.13 0.00	48.21 2.17 0.01	42.35 1.87 0.00	43.98 1.46 0.00
ASTORIA_GT4_1 24102	46.51 0.92 0.00	43.91 0.87 -0.01	41.02 0.87 -0.01	44.80 1.03 -0.01	45.00 0.97 -0.01	49.26 1.33 0.00	81.77 2.35 0.00	224.85 9.81 -1.76	57.96 2.31 0.00	36.34 1.60 0.00	38.20 1.80 0.01	36.22 1.60 -0.01	33.24 1.42 -0.01	29.70 1.24 -0.01	28.41 1.27 0.00	28.94 1.30 0.00	28.69 1.42 -0.83	32.15 1.58 -0.01	52.17 2.08 0.00	101.99 4.02 0.00	76.28 3.13 0.00	48.21 2.17 0.01	42.35 1.87 0.00	43.98 1.46 0.00
ASTORIA_GT4_2 24103	46.51 0.92 0.00	43.91 0.87 -0.01	41.02 0.87 -0.01	44.80 1.03 -0.01	45.00 0.97 -0.01	49.26 1.33 0.00	81.77 2.35 0.00	224.85 9.81 -1.76	57.96 2.31 0.00	36.34 1.60 0.00	38.20 1.80 0.01	36.22 1.60 -0.01	33.24 1.42 -0.01	29.70 1.24 -0.01	28.41 1.27 0.00	28.94 1.30 0.00	28.69 1.42 -0.83	32.15 1.58 -0.01	52.17 2.08 0.00	101.99 4.02 0.00	76.28 3.13 0.00	48.21 2.17 0.01	42.35 1.87 0.00	43.98 1.46 0.00
ASTORIA_GT4_3 24104	46.51 0.92 0.00	43.91 0.87 -0.01	41.02 0.87 -0.01	44.80 1.03 -0.01	45.00 0.97 -0.01	49.26 1.33 0.00	81.77 2.35 0.00	224.85 9.81 -1.76	57.96 2.31 0.00	36.34 1.60 0.00	38.20 1.80 0.01	36.22 1.60 -0.01	33.24 1.42 -0.01	29.70 1.24 -0.01	28.41 1.27 0.00	28.94 1.30 0.00	28.69 1.42 -0.83	32.15 1.58 -0.01	52.17 2.08 0.00	101.99 4.02 0.00	76.28 3.13 0.00	48.21 2.17 0.01	42.35 1.87 0.00	43.98 1.46 0.00

ASTORIA_GT4_4 24105	46.51 0.92 0.00	43.91 0.87 -0.01	41.02 0.87 -0.01	44.80 1.03 -0.01	45.00 0.97 -0.01	49.26 1.33 0.00	81.77 2.35 0.00	224.85 9.81 -1.76	57.96 2.31 0.00	36.34 1.60 0.00	38.20 1.80 0.01	36.22 1.60 -0.01	33.24 1.42 -0.01	29.70 1.24 -0.01	28.41 1.27 0.00	28.94 1.30 0.00	28.69 1.42 -0.83	32.15 1.58 -0.01	52.17 2.08 0.00	101.99 4.02 0.00	76.28 3.13 0.00	48.21 2.17 0.01	42.35 1.87 0.00	43.98 1.46 0.00
ASTORIA_GT_1 23523	46.57 0.98 0.00	43.98 0.93 -0.01	41.08 0.92 -0.01	44.86 1.08 -0.01	45.05 1.03 -0.01	49.33 1.40 0.00	81.89 2.47 0.00	225.03 9.99 -1.76	58.06 2.41 0.00	36.40 1.66 0.00	38.27 1.86 0.01	36.27 1.64 -0.01	33.29 1.47 -0.01	29.74 1.29 -0.01	28.46 1.32 0.00	28.99 1.35 0.00	28.74 1.48 -0.83	32.22 1.64 0.00	52.26 2.17 0.00	102.15 4.17 0.00	76.43 3.27 0.00	48.28 2.25 0.01	42.41 1.94 0.01	44.03 1.51 0.00
ASTORIA_GT_10 24110	46.76 1.17 0.00	44.18 1.13 -0.01	41.30 1.14 -0.01	45.10 1.32 -0.01	45.31 1.28 -0.01	49.62 1.69 -0.01	82.20 2.78 0.00	223.58 10.30 0.00	58.24 2.59 0.00	36.53 1.78 0.00	44.57 2.04 -6.12	38.70 1.85 -2.24	33.43 1.61 -0.01	29.83 1.37 -0.01	28.52 1.38 0.00	29.05 1.41 0.00	28.80 1.54 -0.83	32.30 1.73 -0.01	52.48 2.39 0.00	102.58 4.61 0.00	86.38 3.63 -9.59	74.61 2.45 -26.12	43.07 2.07 -0.52	44.29 1.77 0.00
ASTORIA_GT_11 24225	46.76 1.17 0.00	44.18 1.13 -0.01	41.30 1.14 -0.01	45.10 1.32 -0.01	45.31 1.28 -0.01	49.62 1.69 -0.01	82.20 2.78 0.00	223.58 10.30 0.00	58.24 2.59 0.00	36.53 1.78 0.00	44.57 2.04 -6.12	38.70 1.85 -2.24	33.43 1.61 -0.01	29.83 1.37 -0.01	28.52 1.38 0.00	29.05 1.41 0.00	28.80 1.54 -0.83	32.30 1.73 -0.01	52.48 2.39 0.00	102.58 4.61 0.00	86.38 3.63 -9.59	74.61 2.45 -26.12	43.07 2.07 -0.52	44.29 1.77 0.00
ASTORIA_GT_12 24226	46.76 1.17 0.00	44.18 1.13 -0.01	41.30 1.14 -0.01	45.10 1.32 -0.01	45.31 1.28 -0.01	49.62 1.69 -0.01	82.20 2.78 0.00	223.58 10.30 0.00	58.24 2.59 0.00	36.53 1.78 0.00	44.57 2.04 -6.12	38.70 1.85 -2.24	33.43 1.61 -0.01	29.83 1.37 -0.01	28.52 1.38 0.00	29.05 1.41 0.00	28.80 1.54 -0.83	32.30 1.73 -0.01	52.48 2.39 0.00	102.58 4.61 0.00	86.38 3.63 -9.59	74.61 2.45 -26.12	43.07 2.07 -0.52	44.29 1.77 0.00
ASTORIA_GT_13 24227	46.76 1.17 0.00	44.18 1.13 -0.01	41.30 1.14 -0.01	45.10 1.32 -0.01	45.31 1.28 -0.01	49.62 1.69 -0.01	82.20 2.78 0.00	223.58 10.30 0.00	58.24 2.59 0.00	36.53 1.78 0.00	44.57 2.04 -6.12	38.70 1.85 -2.24	33.43 1.61 -0.01	29.83 1.37 -0.01	28.52 1.38 0.00	29.05 1.41 0.00	28.80 1.54 -0.83	32.30 1.73 -0.01	52.48 2.39 0.00	102.58 4.61 0.00	86.38 3.63 -9.59	74.61 2.45 -26.12	43.07 2.07 -0.52	44.29 1.77 0.00
ASTORIA_GT_5 24106	46.57 0.98 0.00	43.98 0.93 -0.01	41.08 0.92 -0.01	44.86 1.08 -0.01	45.06 1.03 -0.01	49.33 1.40 0.00	81.89 2.48 0.00	225.27 10.23 -1.76	58.06 2.41 0.00	36.40 1.66 0.00	38.27 1.87 0.01	36.28 1.65 -0.01	33.29 1.47 -0.01	29.74 1.29 -0.01	28.46 1.32 0.00	28.99 1.35 0.00	28.74 1.48 -0.83	32.21 1.63 -0.01	52.26 2.17 0.00	102.16 4.19 0.00	76.41 3.25 0.00	48.28 2.24 0.01	42.40 1.93 0.00	44.04 1.52 0.00
ASTORIA_GT_7 24107	46.57 0.98 0.00	43.98 0.93 -0.01	41.08 0.92 -0.01	44.86 1.08 -0.01	45.06 1.03 -0.01	49.33 1.40 0.00	81.89 2.48 0.00	225.27 10.23 -1.76	58.06 2.41 0.00	36.40 1.66 0.00	38.27 1.87 0.01	36.28 1.65 -0.01	33.29 1.47 -0.01	29.74 1.29 -0.01	28.46 1.32 0.00	28.99 1.35 0.00	28.74 1.48 -0.83	32.21 1.63 -0.01	52.26 2.17 0.00	102.16 4.19 0.00	76.41 3.25 0.00	48.28 2.24 0.01	42.40 1.93 0.00	44.04 1.52 0.00
ASTORIA_GT_8 24108	46.57 0.98 0.00	43.98 0.93 -0.01	41.08 0.92 -0.01	44.86 1.08 -0.01	45.06 1.03 -0.01	49.33 1.40 0.00	81.89 2.48 0.00	225.27 10.23 -1.76	58.06 2.41 0.00	36.40 1.66 0.00	38.27 1.87 0.01	36.28 1.65 -0.01	33.29 1.47 -0.01	29.74 1.29 -0.01	28.46 1.32 0.00	28.99 1.35 0.00	28.74 1.48 -0.83	32.21 1.63 -0.01	52.26 2.17 0.00	102.16 4.19 0.00	76.41 3.25 0.00	48.28 2.24 0.01	42.40 1.93 0.00	44.04 1.52 0.00
ASTORIA___2 24149	46.52 0.93 0.00	43.91 0.86 -0.01	41.02 0.87 -0.01	44.80 1.03 -0.01	44.99 0.97 -0.01	49.25 1.32 0.00	81.77 2.35 0.00	224.61 9.57 -1.76	57.96 2.31 0.00	36.34 1.60 0.00	38.20 1.80 0.01	36.21 1.59 -0.01	33.24 1.42 -0.01	29.70 1.24 -0.01	28.41 1.27 0.00	28.94 1.30 0.00	28.69 1.42 -0.83	32.16 1.59 0.00	52.17 2.08 0.00	101.96 3.98 0.00	76.30 3.14 0.00	48.20 2.17 0.01	42.35 1.88 0.01	43.96 1.44 0.00
ASTORIA___3 23516	46.77 1.18 0.00	44.18 1.13 -0.01	41.29 1.14 -0.01	45.10 1.32 -0.01	45.31 1.28 -0.01	49.62 1.69 -0.01	82.19 2.78 0.00	223.55 10.28 0.00	58.24 2.59 0.00	36.53 1.78 0.00	44.57 2.04 -6.12	38.71 1.85 -2.24	33.43 1.61 -0.01	29.83 1.37 -0.01	28.52 1.38 0.00	29.05 1.40 0.00	28.80 1.54 -0.83	32.31 1.74 -0.01	52.48 2.39 0.00	102.58 4.60 0.00	86.39 3.65 -9.59	74.61 2.44 -26.12	43.08 2.08 -0.52	44.29 1.77 0.00
ASTORIA___4 23517	46.76 1.17 0.00	44.18 1.13 -0.01	41.30 1.14 -0.01	45.10 1.32 -0.01	45.31 1.28 -0.01	49.62 1.69 -0.01	82.20 2.78 0.00	223.58 10.30 0.00	58.24 2.59 0.00	36.53 1.78 0.00	44.57 2.04 -6.12	38.70 1.85 -2.24	33.43 1.61 -0.01	29.83 1.37 -0.01	28.52 1.38 0.00	29.05 1.41 0.00	28.80 1.54 -0.83	32.30 1.73 -0.01	52.48 2.39 0.00	102.58 4.61 0.00	86.38 3.63 -9.59	74.61 2.45 -26.12	43.07 2.07 -0.52	44.29 1.77 0.00
ASTORIA___5 23518	46.77 1.18 0.00	44.18 1.13 -0.01	41.29 1.14 -0.01	45.10 1.32 -0.01	45.31 1.28 -0.01	49.62 1.69 -0.01	82.19 2.78 0.00	223.55 10.28 0.00	58.24 2.59 0.00	36.53 1.78 0.00	44.57 2.04 -6.12	38.71 1.85 -2.24	33.43 1.61 -0.01	29.83 1.37 -0.01	28.52 1.38 0.00	29.04 1.40 0.00	28.80 1.54 -0.83	32.31 1.74 -0.01	52.47 2.38 0.00	102.58 4.60 0.00	86.38 3.64 -9.59	74.61 2.44 -26.12	43.08 2.08 -0.52	44.29 1.77 0.00
AST_ENERGY_2_CC3 323677	46.55 0.96 0.00	43.95 0.90 0.00	41.09 0.94 0.00	44.88 1.11 0.00	45.09 1.07 0.00	49.42 1.49 0.00	81.94 2.52 0.00	222.66 9.39 0.00	57.96 2.31 0.00	36.37 1.62 0.00	38.28 1.87 0.00	36.32 1.71 0.00	33.30 1.48 0.00	29.73 1.28 0.00	28.42 1.28 0.00	28.95 1.31 0.00	28.69 1.43 -0.83	32.20 1.63 0.00	52.30 2.21 0.00	102.18 4.21 0.00	76.44 3.29 0.00	48.26 2.22 0.00	42.36 1.88 0.00	44.08 1.56 0.00
AST_ENERGY_2_CC4 323678	46.55 0.96 0.00	43.95 0.90 0.00	41.09 0.94 0.00	44.88 1.11 0.00	45.09 1.07 0.00	49.42 1.49 0.00	81.94 2.52 0.00	222.66 9.39 0.00	57.96 2.31 0.00	36.37 1.62 0.00	38.28 1.87 0.00	36.32 1.71 0.00	33.30 1.48 0.00	29.73 1.28 0.00	28.42 1.28 0.00	28.95 1.31 0.00	28.69 1.43 -0.83	32.20 1.63 0.00	52.30 2.21 0.00	102.18 4.21 0.00	76.44 3.29 0.00	48.26 2.22 0.00	42.36 1.88 0.00	44.08 1.56 0.00

ATHENS_STG_1 23668	45.94 0.35 0.00	43.40 0.35 0.00	40.56 0.42 0.00	44.25 0.48 0.00	44.47 0.46 0.00	48.63 0.70 0.00	80.45 1.04 0.00	217.26 3.99 0.00	56.71 1.06 0.00	35.44 0.70 0.00	37.19 0.78 0.00	35.29 0.67 0.00	32.39 0.58 0.00	28.96 0.51 0.00	27.69 0.54 0.00	28.20 0.57 0.00	27.11 0.67 0.00	31.38 0.82 0.00	51.23 1.14 0.00	99.95 1.97 0.00	74.77 1.62 0.00	47.24 1.20 0.00	41.48 1.00 0.00	43.36 0.84 0.00
ATHENS_STG_2 23670	45.94 0.35 0.00	43.40 0.35 0.00	40.56 0.42 0.00	44.25 0.48 0.00	44.47 0.46 0.00	48.63 0.70 0.00	80.45 1.04 0.00	217.26 3.99 0.00	56.71 1.06 0.00	35.44 0.70 0.00	37.19 0.78 0.00	35.29 0.67 0.00	32.39 0.58 0.00	28.96 0.51 0.00	27.69 0.54 0.00	28.20 0.57 0.00	27.11 0.67 0.00	31.38 0.82 0.00	51.23 1.14 0.00	99.95 1.97 0.00	74.77 1.62 0.00	47.24 1.20 0.00	41.48 1.00 0.00	43.36 0.84 0.00
ATHENS_STG_3 23677	45.94 0.35 0.00	43.40 0.35 0.00	40.56 0.42 0.00	44.25 0.48 0.00	44.47 0.46 0.00	48.63 0.70 0.00	80.45 1.04 0.00	217.26 3.99 0.00	56.71 1.06 0.00	35.44 0.70 0.00	37.19 0.78 0.00	35.29 0.67 0.00	32.39 0.58 0.00	28.96 0.51 0.00	27.69 0.54 0.00	28.20 0.57 0.00	27.11 0.67 0.00	31.38 0.82 0.00	51.23 1.14 0.00	99.95 1.97 0.00	74.77 1.62 0.00	47.24 1.20 0.00	41.48 1.00 0.00	43.36 0.84 0.00
AUBURN___LFGE 323710	45.51 -0.08 0.00	43.11 0.07 0.00	40.15 0.00 0.00	43.79 0.01 0.00	43.97 -0.04 0.00	47.59 -0.34 0.00	79.21 -0.20 0.00	212.43 -0.84 0.00	55.23 -0.41 0.00	34.33 -0.41 0.00	35.93 -0.48 0.00	34.09 -0.53 0.00	31.35 -0.46 0.00	28.07 -0.37 0.00	26.67 -0.47 0.00	27.14 -0.49 0.00	25.93 -0.50 0.00	30.05 -0.52 0.00	49.53 -0.56 0.00	97.60 -0.37 0.00	72.67 -0.48 0.00	45.51 -0.53 0.00	39.90 -0.58 0.00	41.81 -0.71 0.00
BABYLON_RES_REC 323704	46.55 0.96 0.00	43.72 0.68 0.00	41.02 0.87 0.00	44.75 0.98 0.00	44.81 0.79 0.00	49.28 1.35 0.00	81.03 1.62 0.00	216.98 7.37 3.67	57.44 1.80 0.00	36.49 1.75 0.00	38.45 2.04 0.00	36.25 1.63 0.00	33.21 1.40 0.00	29.65 1.21 0.00	28.45 1.31 0.00	28.98 1.34 0.00	28.88 1.61 -0.84	32.11 1.54 0.00	52.05 1.96 0.00	101.58 3.60 0.00	76.25 3.10 0.00	48.48 2.43 0.00	42.52 2.04 0.00	44.26 1.75 0.00
BABYLON__69_KV_BK2 356345	46.90 1.31 0.00	44.00 0.95 0.00	41.31 1.16 0.00	45.06 1.29 0.00	45.12 1.11 0.00	49.65 1.72 0.00	81.49 2.08 0.00	218.18 8.62 3.71	57.81 2.16 0.00	36.80 2.06 0.00	38.78 2.37 0.00	36.52 1.91 0.00	33.48 1.66 0.00	29.88 1.43 0.00	28.68 1.53 0.00	29.22 1.58 0.00	29.14 1.87 -0.84	32.36 1.79 0.00	52.44 2.35 0.00	102.28 4.31 0.00	76.87 3.71 0.00	48.90 2.85 0.00	42.87 2.39 0.00	44.61 2.09 0.00
BALL_HILL_WT_PWR 323825	45.50 -0.09 0.00	42.87 -0.17 0.00	39.41 -0.74 0.00	42.90 -0.87 0.00	42.98 -1.04 0.00	46.38 -1.55 0.00	77.53 -1.89 0.00	205.59 -7.68 0.00	52.96 -2.69 0.00	33.26 -1.48 0.00	35.15 -1.27 0.00	33.68 -0.94 0.00	31.07 -0.74 0.00	27.75 -0.70 0.00	26.41 -0.73 0.00	26.64 -1.00 0.00	24.95 -1.49 0.00	28.60 -1.97 0.00	47.92 -2.17 0.00	94.66 -3.31 0.00	70.04 -3.12 0.00	42.86 -3.19 0.00	37.57 -2.91 0.00	39.65 -2.87 0.00
BARON_WINDS___WT_PWR 323822	44.68 -0.91 0.00	42.47 -0.57 0.00	39.43 -0.72 0.00	42.81 -0.96 0.00	42.89 -1.12 0.00	46.62 -1.31 0.00	77.87 -1.54 0.00	207.25 -6.02 0.00	53.15 -2.49 0.00	32.82 -1.92 0.00	34.41 -2.00 0.00	32.88 -1.74 0.00	30.22 -1.59 0.00	26.80 -1.64 0.00	25.42 -1.72 0.00	25.86 -1.77 0.00	24.53 -1.91 0.00	28.52 -2.04 0.00	48.02 -2.07 0.00	94.71 -3.26 0.00	70.04 -3.11 0.00	43.15 -2.90 0.00	37.51 -2.97 0.00	39.37 -3.15 0.00
BARRETT_IC_1 23704	46.42 0.83 0.00	43.73 0.68 0.00	40.97 0.82 0.00	44.71 0.94 0.00	44.83 0.82 0.00	49.14 1.21 0.00	80.69 1.27 0.00	214.84 4.92 3.35	57.04 1.39 0.00	36.28 1.54 0.00	38.29 1.88 0.00	36.23 1.62 0.00	33.19 1.38 0.00	29.66 1.21 0.00	28.41 1.27 0.00	28.90 1.26 0.00	28.71 1.44 -0.84	31.93 1.36 0.00	51.71 1.62 0.00	101.02 3.04 0.00	75.87 2.72 0.00	48.18 2.13 0.00	42.27 1.79 0.00	44.07 1.55 0.00
BARRETT_IC_10 23701	46.42 0.83 0.00	43.73 0.68 0.00	40.97 0.82 0.00	44.71 0.94 0.00	44.83 0.82 0.00	49.14 1.21 0.00	80.69 1.27 0.00	132.38 4.92 85.81	57.04 1.39 0.00	36.28 1.54 0.00	38.29 1.88 0.00	36.23 1.62 0.00	33.19 1.38 0.00	29.66 1.21 0.00	28.41 1.27 0.00	28.90 1.26 0.00	28.71 1.44 -0.84	31.93 1.36 0.00	51.71 1.62 0.00	101.02 3.04 0.00	75.87 2.72 0.00	48.18 2.13 0.00	42.27 1.79 0.00	44.07 1.55 0.00
BARRETT_IC_11 23702	46.42 0.83 0.00	43.73 0.68 0.00	40.97 0.82 0.00	44.71 0.94 0.00	44.83 0.82 0.00	49.14 1.21 0.00	80.69 1.27 0.00	132.38 4.92 85.81	57.04 1.39 0.00	36.28 1.54 0.00	38.29 1.88 0.00	36.23 1.62 0.00	33.19 1.38 0.00	29.66 1.21 0.00	28.41 1.27 0.00	28.90 1.26 0.00	28.71 1.44 -0.84	31.93 1.36 0.00	51.71 1.62 0.00	101.02 3.04 0.00	75.87 2.72 0.00	48.18 2.13 0.00	42.27 1.79 0.00	44.07 1.55 0.00
BARRETT_IC_12 23703	46.42 0.83 0.00	43.73 0.68 0.00	40.97 0.82 0.00	44.71 0.94 0.00	44.83 0.82 0.00	49.14 1.21 0.00	80.69 1.27 0.00	132.38 4.92 85.81	57.04 1.39 0.00	36.28 1.54 0.00	38.29 1.88 0.00	36.23 1.62 0.00	33.19 1.38 0.00	29.66 1.21 0.00	28.41 1.27 0.00	28.90 1.26 0.00	28.71 1.44 -0.84	31.93 1.36 0.00	51.71 1.62 0.00	101.02 3.04 0.00	75.87 2.72 0.00	48.18 2.13 0.00	42.27 1.79 0.00	44.07 1.55 0.00
BARRETT_IC_2 23705	46.42 0.83 0.00	43.73 0.68 0.00	40.97 0.82 0.00	44.71 0.94 0.00	44.83 0.82 0.00	49.14 1.21 0.00	80.69 1.27 0.00	214.84 4.92 3.35	57.04 1.39 0.00	36.28 1.54 0.00	38.29 1.88 0.00	36.23 1.62 0.00	33.19 1.38 0.00	29.66 1.21 0.00	28.41 1.27 0.00	28.90 1.26 0.00	28.71 1.44 -0.84	31.93 1.36 0.00	51.71 1.62 0.00	101.02 3.04 0.00	75.87 2.72 0.00	48.18 2.13 0.00	42.27 1.79 0.00	44.07 1.55 0.00
BARRETT_IC_3 23706	46.42 0.83 0.00	43.73 0.68 0.00	40.97 0.82 0.00	44.71 0.94 0.00	44.83 0.82 0.00	49.14 1.21 0.00	80.69 1.27 0.00	214.84 4.92 3.35	57.04 1.39 0.00	36.28 1.54 0.00	38.29 1.88 0.00	36.23 1.62 0.00	33.19 1.38 0.00	29.66 1.21 0.00	28.41 1.27 0.00	28.90 1.26 0.00	28.71 1.44 -0.84	31.93 1.36 0.00	51.71 1.62 0.00	101.02 3.04 0.00	75.87 2.72 0.00	48.18 2.13 0.00	42.27 1.79 0.00	44.07 1.55 0.00
BARRETT_IC_4 23707	46.42 0.83 0.00	43.73 0.68 0.00	40.97 0.82 0.00	44.71 0.94 0.00	44.83 0.82 0.00	49.14 1.21 0.00	80.69 1.27 0.00	214.84 4.92 3.35	57.04 1.39 0.00	36.28 1.54 0.00	38.29 1.88 0.00	36.23 1.62 0.00	33.19 1.38 0.00	29.66 1.21 0.00	28.41 1.27 0.00	28.90 1.26 0.00	28.71 1.44 -0.84	31.93 1.36 0.00	51.71 1.62 0.00	101.02 3.04 0.00	75.87 2.72 0.00	48.18 2.13 0.00	42.27 1.79 0.00	44.07 1.55 0.00

BARRETT_IC_5 23708	46.42 0.83 0.00	43.73 0.68 0.00	40.97 0.82 0.00	44.71 0.94 0.00	44.83 0.82 0.00	49.14 1.21 0.00	80.69 1.27 0.00	214.84 4.92 3.35	57.04 1.39 0.00	36.28 1.54 0.00	38.29 1.88 0.00	36.23 1.62 0.00	33.19 1.38 0.00	29.66 1.21 0.00	28.41 1.27 0.00	28.90 1.26 0.00	28.71 1.44 -0.84	31.93 1.36 0.00	51.71 1.62 0.00	101.02 3.04 0.00	75.87 2.72 0.00	48.18 2.13 0.00	42.27 1.79 0.00	44.07 1.55 0.00
BARRETT_IC_6 23709	46.42 0.83 0.00	43.73 0.68 0.00	40.97 0.82 0.00	44.71 0.94 0.00	44.83 0.82 0.00	49.14 1.21 0.00	80.69 1.27 0.00	214.84 4.92 3.35	57.04 1.39 0.00	36.28 1.54 0.00	38.29 1.88 0.00	36.23 1.62 0.00	33.19 1.38 0.00	29.66 1.21 0.00	28.41 1.27 0.00	28.90 1.26 0.00	28.71 1.44 -0.84	31.93 1.36 0.00	51.71 1.62 0.00	101.02 3.04 0.00	75.87 2.72 0.00	48.18 2.13 0.00	42.27 1.79 0.00	44.07 1.55 0.00
BARRETT_IC_7 23710	46.42 0.82 0.00	43.73 0.68 0.00	40.97 0.82 0.00	44.71 0.94 0.00	44.83 0.82 0.00	49.14 1.21 0.00	80.69 1.28 0.00	214.92 4.99 3.35	57.04 1.39 0.00	36.27 1.53 0.00	38.29 1.88 0.00	36.22 1.61 0.00	33.20 1.39 0.00	29.66 1.21 0.00	28.41 1.27 0.00	28.90 1.26 0.00	28.71 1.44 -0.84	31.92 1.35 0.00	51.70 1.62 0.00	101.01 3.04 0.00	75.88 2.72 0.00	48.18 2.13 0.00	42.27 1.79 0.00	44.08 1.56 0.00
BARRETT_IC_8 23711	46.42 0.83 0.00	43.73 0.68 0.00	40.97 0.82 0.00	44.71 0.94 0.00	44.83 0.82 0.00	49.14 1.21 0.00	80.69 1.27 0.00	214.84 4.92 3.35	57.04 1.39 0.00	36.28 1.54 0.00	38.29 1.88 0.00	36.23 1.62 0.00	33.19 1.38 0.00	29.66 1.21 0.00	28.41 1.27 0.00	28.90 1.26 0.00	28.71 1.44 -0.84	31.93 1.36 0.00	51.71 1.62 0.00	101.02 3.04 0.00	75.87 2.72 0.00	48.18 2.13 0.00	42.27 1.79 0.00	44.07 1.55 0.00
BARRETT_IC_9 23700	46.42 0.83 0.00	43.73 0.68 0.00	40.97 0.82 0.00	44.71 0.94 0.00	44.83 0.82 0.00	49.14 1.21 0.00	80.69 1.27 0.00	132.38 4.92 85.81	57.04 1.39 0.00	36.28 1.54 0.00	38.29 1.88 0.00	36.23 1.62 0.00	33.19 1.38 0.00	29.66 1.21 0.00	28.41 1.27 0.00	28.90 1.26 0.00	28.71 1.44 -0.84	31.93 1.36 0.00	51.71 1.62 0.00	101.02 3.04 0.00	75.87 2.72 0.00	48.18 2.13 0.00	42.27 1.79 0.00	44.07 1.55 0.00
BARRETT___1 23545	46.42 0.83 0.00	43.73 0.68 0.00	40.97 0.82 0.00	44.71 0.94 0.00	44.83 0.82 0.00	49.14 1.21 0.00	80.69 1.27 0.00	214.84 4.92 3.35	57.04 1.39 0.00	36.28 1.54 0.00	38.29 1.88 0.00	36.23 1.62 0.00	33.19 1.38 0.00	29.66 1.21 0.00	28.41 1.27 0.00	28.90 1.26 0.00	28.71 1.44 -0.84	31.93 1.36 0.00	51.71 1.62 0.00	101.02 3.04 0.00	75.87 2.72 0.00	48.18 2.13 0.00	42.27 1.79 0.00	44.07 1.55 0.00
BARRETT___2 23546	46.42 0.83 0.00	43.73 0.68 0.00	40.97 0.82 0.00	44.71 0.94 0.00	44.83 0.82 0.00	49.14 1.21 0.00	80.69 1.27 0.00	132.38 4.92 85.81	57.04 1.39 0.00	36.28 1.54 0.00	38.29 1.88 0.00	36.23 1.62 0.00	33.19 1.38 0.00	29.66 1.21 0.00	28.41 1.27 0.00	28.90 1.26 0.00	28.71 1.44 -0.84	31.93 1.36 0.00	51.71 1.62 0.00	101.02 3.04 0.00	75.87 2.72 0.00	48.18 2.13 0.00	42.27 1.79 0.00	44.07 1.55 0.00
BATAVIA__115KV_TB1 55881	45.51 -0.08 0.00	43.14 0.09 0.00	39.76 -0.39 0.00	43.08 -0.68 0.00	43.41 -0.60 0.00	47.05 -0.88 0.00	78.60 -0.82 0.00	207.57 -5.70 0.00	53.85 -1.79 0.00	33.77 -0.97 0.00	35.18 -1.23 0.00	33.48 -1.14 0.00	30.86 -0.95 0.00	27.47 -0.98 0.00	26.07 -1.07 0.00	26.53 -1.11 0.00	24.88 -1.55 0.00	28.52 -2.05 0.00	47.70 -2.39 0.00	94.46 -3.51 0.00	70.18 -2.98 0.00	43.57 -2.48 0.00	38.20 -2.28 0.00	40.68 -1.84 0.00
BAYONEEC___CTG1 323682	46.55 0.96 0.00	43.92 0.88 0.00	41.06 0.91 0.00	44.85 1.08 0.00	45.05 1.04 0.00	49.37 1.44 0.00	81.86 2.44 0.00	222.45 9.18 0.00	57.88 2.23 0.00	36.30 1.56 0.00	38.22 1.81 0.00	36.26 1.64 0.00	33.23 1.42 0.00	29.68 1.23 0.00	28.38 1.23 0.00	28.89 1.25 0.00	28.63 1.37 -0.83	32.14 1.57 0.00	52.20 2.11 0.00	100.85 4.03 1.15	76.31 3.16 0.00	48.19 2.15 0.00	42.30 1.82 0.00	44.00 1.48 0.00
BAYONEEC___CTG10 323750	46.55 0.96 0.00	43.92 0.88 0.00	41.06 0.91 0.00	44.85 1.08 0.00	45.05 1.04 0.00	49.37 1.44 0.00	81.86 2.44 0.00	222.45 9.18 0.00	57.88 2.23 0.00	36.30 1.56 0.00	38.22 1.81 0.00	36.26 1.64 0.00	33.23 1.42 0.00	29.68 1.23 0.00	28.38 1.23 0.00	28.89 1.25 0.00	28.63 1.37 -0.83	32.14 1.57 0.00	52.20 2.11 0.00	100.85 4.03 1.15	76.31 3.16 0.00	48.19 2.15 0.00	42.30 1.82 0.00	44.00 1.48 0.00
BAYONEEC___CTG2 323683	46.55 0.96 0.00	43.92 0.88 0.00	41.06 0.91 0.00	44.85 1.08 0.00	45.05 1.04 0.00	49.37 1.44 0.00	81.86 2.44 0.00	222.45 9.18 0.00	57.88 2.23 0.00	36.30 1.56 0.00	38.22 1.81 0.00	36.26 1.64 0.00	33.23 1.42 0.00	29.68 1.23 0.00	28.38 1.23 0.00	28.89 1.25 0.00	28.63 1.37 -0.83	32.14 1.57 0.00	52.20 2.11 0.00	100.85 4.03 1.15	76.31 3.16 0.00	48.19 2.15 0.00	42.30 1.82 0.00	44.00 1.48 0.00
BAYONEEC___CTG3 323684	46.55 0.96 0.00	43.92 0.88 0.00	41.06 0.91 0.00	44.85 1.08 0.00	45.05 1.04 0.00	49.37 1.44 0.00	81.86 2.44 0.00	222.45 9.18 0.00	57.88 2.23 0.00	36.30 1.56 0.00	38.22 1.81 0.00	36.26 1.64 0.00	33.23 1.42 0.00	29.68 1.23 0.00	28.38 1.23 0.00	28.89 1.25 0.00	28.63 1.37 -0.83	32.14 1.57 0.00	52.20 2.11 0.00	100.85 4.03 1.15	76.31 3.16 0.00	48.19 2.15 0.00	42.30 1.82 0.00	44.00 1.48 0.00
BAYONEEC___CTG4 323685	46.55 0.96 0.00	43.92 0.88 0.00	41.06 0.91 0.00	44.85 1.08 0.00	45.05 1.04 0.00	49.37 1.44 0.00	81.86 2.44 0.00	222.45 9.18 0.00	57.88 2.23 0.00	36.30 1.56 0.00	38.22 1.81 0.00	36.26 1.64 0.00	33.23 1.42 0.00	29.68 1.23 0.00	28.38 1.23 0.00	28.89 1.25 0.00	28.63 1.37 -0.83	32.14 1.57 0.00	52.20 2.11 0.00	100.85 4.03 1.15	76.31 3.16 0.00	48.19 2.15 0.00	42.30 1.82 0.00	44.00 1.48 0.00
BAYONEEC___CTG5 323686	46.55 0.96 0.00	43.92 0.88 0.00	41.06 0.91 0.00	44.85 1.08 0.00	45.05 1.04 0.00	49.37 1.44 0.00	81.86 2.44 0.00	222.45 9.18 0.00	57.88 2.23 0.00	36.30 1.56 0.00	38.22 1.81 0.00	36.26 1.64 0.00	33.23 1.42 0.00	29.68 1.23 0.00	28.38 1.23 0.00	28.89 1.25 0.00	28.63 1.37 -0.83	32.14 1.57 0.00	52.20 2.11 0.00	100.85 4.03 1.15	76.31 3.16 0.00	48.19 2.15 0.00	42.30 1.82 0.00	44.00 1.48 0.00
BAYONEEC___CTG6 323687	46.55 0.96 0.00	43.92 0.88 0.00	41.06 0.91 0.00	44.85 1.08 0.00	45.05 1.04 0.00	49.37 1.44 0.00	81.86 2.44 0.00	222.45 9.18 0.00	57.88 2.23 0.00	36.30 1.56 0.00	38.22 1.81 0.00	36.26 1.64 0.00	33.23 1.42 0.00	29.68 1.23 0.00	28.38 1.23 0.00	28.89 1.25 0.00	28.63 1.37 -0.83	32.14 1.57 0.00	52.20 2.11 0.00	100.85 4.03 1.15	76.31 3.16 0.00	48.19 2.15 0.00	42.30 1.82 0.00	44.00 1.48 0.00

BAYONEEC___CTG7 323688	46.55 0.96 0.00	43.92 0.88 0.00	41.06 0.91 0.00	44.85 1.08 0.00	45.05 1.04 0.00	49.37 1.44 0.00	81.86 2.44 0.00	222.45 9.18 0.00	57.88 2.23 0.00	36.30 1.56 0.00	38.22 1.81 0.00	36.26 1.64 0.00	33.23 1.42 0.00	29.68 1.23 0.00	28.38 1.23 0.00	28.89 1.25 0.00	28.63 1.37 -0.83	32.14 1.57 0.00	52.20 2.11 0.00	100.85 4.03 1.15	76.31 3.16 0.00	48.19 2.15 0.00	42.30 1.82 0.00	44.00 1.48 0.00
BAYONEEC___CTG8 323689	46.55 0.96 0.00	43.92 0.88 0.00	41.06 0.91 0.00	44.85 1.08 0.00	45.05 1.04 0.00	49.37 1.44 0.00	81.86 2.44 0.00	222.45 9.18 0.00	57.88 2.23 0.00	36.30 1.56 0.00	38.22 1.81 0.00	36.26 1.64 0.00	33.23 1.42 0.00	29.68 1.23 0.00	28.38 1.23 0.00	28.89 1.25 0.00	28.63 1.37 -0.83	32.14 1.57 0.00	52.20 2.11 0.00	100.85 4.03 1.15	76.31 3.16 0.00	48.19 2.15 0.00	42.30 1.82 0.00	44.00 1.48 0.00
BAYONEEC___CTG9 323749	46.55 0.96 0.00	43.92 0.88 0.00	41.06 0.91 0.00	44.85 1.08 0.00	45.05 1.04 0.00	49.37 1.44 0.00	81.86 2.44 0.00	222.45 9.18 0.00	57.88 2.23 0.00	36.30 1.56 0.00	38.22 1.81 0.00	36.26 1.64 0.00	33.23 1.42 0.00	29.68 1.23 0.00	28.38 1.23 0.00	28.89 1.25 0.00	28.63 1.37 -0.83	32.14 1.57 0.00	52.20 2.11 0.00	100.85 4.03 1.15	76.31 3.16 0.00	48.19 2.15 0.00	42.30 1.82 0.00	44.00 1.48 0.00
BEACON___LESR 323632	46.02 0.43 0.00	43.46 0.41 0.00	40.68 0.53 0.00	44.31 0.54 0.00	44.54 0.53 0.00	48.84 0.91 0.00	80.98 1.56 0.00	218.27 5.00 0.00	56.94 1.29 0.00	35.45 0.71 0.00	37.02 0.61 0.00	35.17 0.55 0.00	32.34 0.53 0.00	28.93 0.49 0.00	27.65 0.50 0.00	28.20 0.56 0.00	27.16 0.72 0.00	31.57 1.00 0.00	51.63 1.54 0.00	100.63 2.66 0.00	75.10 1.94 0.00	47.37 1.32 0.00	41.65 1.17 0.00	43.79 1.28 0.00
BEAVER RIVER___HYD 24048	46.45 0.86 0.00	44.03 0.98 0.00	41.03 0.89 0.00	44.76 0.99 0.00	45.17 1.15 0.00	49.39 1.46 0.00	82.43 3.01 0.00	221.06 7.79 0.00	56.93 1.28 0.00	34.79 0.05 0.00	35.94 -0.48 0.00	33.78 -0.84 0.00	30.86 -0.96 0.00	27.68 -0.77 0.00	26.31 -0.83 0.00	26.82 -0.82 0.00	25.65 -0.78 0.00	30.33 -0.24 0.00	50.58 0.49 0.00	99.60 1.63 0.00	73.68 0.53 0.00	45.68 -0.36 0.00	39.91 -0.57 0.00	41.91 -0.61 0.00
BEEBEE_GT_13 23619	44.91 -0.68 0.00	42.54 -0.51 0.00	39.38 -0.77 0.00	42.76 -1.01 0.00	42.97 -1.05 0.00	46.51 -1.42 0.00	77.53 -1.89 0.00	206.38 -6.90 0.00	53.64 -2.01 0.00	33.68 -1.07 0.00	35.29 -1.12 0.00	33.64 -0.97 0.00	31.02 -0.79 0.00	27.67 -0.78 0.00	26.30 -0.84 0.00	26.75 -0.88 0.00	25.27 -1.16 0.00	29.01 -1.56 0.00	48.02 -2.07 0.00	94.43 -3.54 0.00	70.22 -2.94 0.00	43.78 -2.27 0.00	38.38 -2.10 0.00	40.69 -1.83 0.00
BENSHRST_27_KV_BENSHRST_1 355998	50.54 1.71 -3.24	49.77 1.63 -5.09	49.57 1.60 -7.82	49.59 1.83 -3.99	49.61 1.79 -3.81	52.53 2.23 -2.37	84.84 3.70 -1.73	226.23 12.95 -0.01	96.72 3.27 -37.80	50.76 2.21 -13.81	50.96 2.44 -12.11	50.23 2.24 -13.37	49.73 2.00 -15.92	49.32 1.75 -19.13	49.30 1.74 -20.42	49.32 1.78 -19.91	50.12 1.89 -21.80	53.40 2.14 -20.68	62.93 3.04 -9.79	103.81 5.84 0.00	87.17 4.43 -9.59	81.33 2.99 -32.30	59.27 2.57 -16.21	54.36 2.27 -9.57
BETHLEHEM___GRP 23843	45.34 -0.25 0.00	42.89 -0.15 0.00	40.08 -0.07 0.00	43.70 -0.07 0.00	43.94 -0.08 0.00	48.12 0.19 0.00	79.44 0.03 0.00	214.31 1.04 0.00	56.07 0.42 0.00	34.96 0.22 0.00	36.65 0.24 0.00	34.81 0.19 0.00	32.01 0.20 0.00	28.65 0.21 0.00	27.40 0.25 0.00	27.92 0.29 0.00	26.87 0.44 0.00	31.14 0.57 0.00	50.79 0.70 0.00	98.97 1.00 0.00	73.92 0.76 0.00	46.72 0.67 0.00	41.14 0.66 0.00	43.31 0.80 0.00
BETHLEHEM___GS1 323560	45.34 -0.25 0.00	42.89 -0.15 0.00	40.08 -0.07 0.00	43.70 -0.07 0.00	43.94 -0.08 0.00	48.12 0.19 0.00	79.44 0.03 0.00	214.31 1.04 0.00	56.07 0.42 0.00	34.96 0.22 0.00	36.65 0.24 0.00	34.81 0.19 0.00	32.01 0.20 0.00	28.65 0.21 0.00	27.40 0.25 0.00	27.92 0.29 0.00	26.87 0.44 0.00	31.14 0.57 0.00	50.79 0.70 0.00	98.96 0.99 0.00	73.91 0.76 0.00	46.72 0.67 0.00	41.15 0.67 0.00	43.31 0.79 0.00
BETHLEHEM___GS2 323561	45.34 -0.25 0.00	42.89 -0.15 0.00	40.08 -0.07 0.00	43.70 -0.07 0.00	43.94 -0.08 0.00	48.12 0.19 0.00	79.44 0.03 0.00	214.31 1.04 0.00	56.07 0.42 0.00	34.96 0.22 0.00	36.65 0.24 0.00	34.81 0.19 0.00	32.01 0.20 0.00	28.65 0.21 0.00	27.40 0.25 0.00	27.92 0.29 0.00	26.87 0.44 0.00	31.14 0.57 0.00	50.79 0.70 0.00	98.96 0.99 0.00	73.91 0.76 0.00	46.72 0.67 0.00	41.15 0.67 0.00	43.31 0.79 0.00
BETHLEHEM___GS3 323562	45.34 -0.25 0.00	42.89 -0.15 0.00	40.08 -0.07 0.00	43.70 -0.07 0.00	43.94 -0.08 0.00	48.12 0.19 0.00	79.44 0.03 0.00	214.31 1.04 0.00	56.07 0.42 0.00	34.96 0.22 0.00	36.65 0.24 0.00	34.81 0.19 0.00	32.01 0.20 0.00	28.65 0.21 0.00	27.40 0.25 0.00	27.92 0.29 0.00	26.87 0.44 0.00	31.14 0.57 0.00	50.79 0.70 0.00	98.96 0.99 0.00	73.91 0.76 0.00	46.72 0.67 0.00	41.15 0.67 0.00	43.31 0.79 0.00
BETHLEHEM___STEEL 23779	45.07 -0.52 0.00	42.71 -0.34 0.00	39.34 -0.81 0.00	42.61 -1.16 0.00	42.81 -1.21 0.00	46.24 -1.69 0.00	77.11 -2.31 0.00	203.51 -9.76 0.00	52.97 -2.68 0.00	33.63 -1.11 0.00	35.30 -1.12 0.00	33.72 -0.90 0.00	31.15 -0.66 0.00	27.68 -0.77 0.00	26.25 -0.90 0.00	26.67 -0.97 0.00	24.94 -1.50 0.00	28.44 -2.13 0.00	47.28 -2.81 0.00	93.08 -4.89 0.00	69.04 -4.11 0.00	42.82 -3.23 0.00	37.56 -2.91 0.00	40.00 -2.52 0.00
BETHLHEM_115KV_TB1 79974	45.43 -0.16 0.00	42.98 -0.06 0.00	40.17 0.02 0.00	43.79 0.02 0.00	44.03 0.01 0.00	48.19 0.26 0.00	79.59 0.17 0.00	214.67 1.40 0.00	56.17 0.52 0.00	35.02 0.27 0.00	36.72 0.30 0.00	34.86 0.24 0.00	32.05 0.24 0.00	28.69 0.24 0.00	27.42 0.28 0.00	27.95 0.31 0.00	26.88 0.45 0.00	31.16 0.59 0.00	50.84 0.75 0.00	99.09 1.12 0.00	74.02 0.87 0.00	46.78 0.73 0.00	41.18 0.70 0.00	43.31 0.79 0.00
BETHPAGE_CC_5 323564	46.52 0.93 0.00	43.74 0.69 0.00	40.99 0.85 0.00	44.73 0.96 0.00	44.76 0.75 0.00	49.19 1.26 0.00	80.98 1.57 0.00	216.82 6.91 3.37	57.36 1.72 0.00	36.41 1.67 0.00	38.42 2.01 0.00	36.27 1.66 0.00	33.24 1.43 0.00	29.69 1.24 0.00	28.46 1.31 0.00	28.99 1.35 0.00	28.86 1.59 -0.84	32.07 1.50 0.00	51.96 1.88 0.00	101.46 3.49 0.00	76.11 2.96 0.00	48.35 2.30 0.00	42.42 1.94 0.00	44.21 1.69 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	45.24 -0.35 0.00	42.85 -0.20 0.00	39.48 -0.67 0.00	42.75 -1.02 0.00	42.98 -1.04 0.00	46.41 -1.52 0.00	77.46 -1.96 0.00	204.50 -8.77 0.00	53.20 -2.45 0.00	33.76 -0.98 0.00	35.43 -0.98 0.00	33.84 -0.78 0.00	31.26 -0.56 0.00	27.76 -0.68 0.00	26.33 -0.82 0.00	26.75 -0.89 0.00	25.02 -1.42 0.00	28.54 -2.02 0.00	47.48 -2.60 0.00	93.48 -4.49 0.00	69.34 -3.82 0.00	42.98 -3.07 0.00	37.70 -2.78 0.00	40.11 -2.40 0.00

BINGHAMTON___COGEN 23790	45.31 -0.28 0.00	42.76 -0.28 0.00	39.86 -0.29 0.00	43.48 -0.30 0.00	43.64 -0.37 0.00	47.47 -0.46 0.00	79.03 -0.38 0.00	212.42 -0.85 0.00	55.03 -0.62 0.00	34.35 -0.39 0.00	36.05 -0.36 0.00	34.35 -0.27 0.00	31.58 -0.23 0.00	28.21 -0.24 0.00	26.90 -0.24 0.00	27.34 -0.30 0.00	26.05 -0.39 0.00	30.09 -0.48 0.00	49.66 -0.43 0.00	97.36 -0.61 0.00	72.53 -0.62 0.00	45.34 -0.70 0.00	39.80 -0.68 0.00	41.75 -0.77 0.00
BIXINCNT_115KV_LOAD 355685	45.98 0.39 0.00	43.53 0.49 0.00	40.07 -0.08 0.00	43.30 -0.47 0.00	43.67 -0.34 0.00	47.01 -0.92 0.00	78.72 -0.70 0.00	208.27 -5.00 0.00	53.83 -1.82 0.00	33.95 -0.79 0.00	35.65 -0.76 0.00	33.99 -0.62 0.00	31.45 -0.36 0.00	27.96 -0.49 0.00	26.48 -0.66 0.00	26.91 -0.73 0.00	25.21 -1.23 0.00	28.92 -1.65 0.00	48.29 -1.80 0.00	95.19 -2.78 0.00	70.36 -2.79 0.00	43.38 -2.66 0.00	38.07 -2.41 0.00	40.30 -2.22 0.00
BLACK RIVER___HYD 24047	46.94 1.35 0.00	44.54 1.50 0.00	41.52 1.37 0.00	45.31 1.54 0.00	45.71 1.69 0.00	49.95 2.02 0.00	83.60 4.19 0.00	224.27 11.00 0.00	57.49 1.84 0.00	34.91 0.17 0.00	35.89 -0.52 0.00	33.70 -0.92 0.00	30.77 -1.04 0.00	27.60 -0.85 0.00	26.19 -0.95 0.00	26.71 -0.92 0.00	25.52 -0.92 0.00	30.42 -0.15 0.00	51.04 0.95 0.00	100.70 2.73 0.00	74.46 1.31 0.00	45.96 -0.08 0.00	40.02 -0.46 0.00	42.04 -0.48 0.00
BLACKRVR_115KV_TB2 79977	46.94 1.35 0.00	44.55 1.50 0.00	41.52 1.37 0.00	45.31 1.54 0.00	45.71 1.69 0.00	49.95 2.02 0.00	83.61 4.19 0.00	224.28 11.00 0.00	57.49 1.84 0.00	34.91 0.17 0.00	35.89 -0.51 0.00	33.70 -0.92 0.00	30.77 -1.04 0.00	27.60 -0.85 0.00	26.19 -0.95 0.00	26.72 -0.92 0.00	25.52 -0.92 0.00	30.42 -0.15 0.00	51.04 0.95 0.00	100.70 2.73 0.00	74.46 1.31 0.00	45.96 -0.08 0.00	40.02 -0.46 0.00	42.04 -0.49 0.00
BLISS_WT_PWR 323608	46.03 0.44 0.00	43.59 0.55 0.00	40.09 -0.07 0.00	43.28 -0.49 0.00	43.68 -0.33 0.00	46.98 -0.95 0.00	78.72 -0.70 0.00	208.20 -5.08 0.00	53.77 -1.87 0.00	33.90 -0.84 0.00	35.60 -0.81 0.00	33.91 -0.71 0.00	31.39 -0.42 0.00	27.88 -0.56 0.00	26.39 -0.75 0.00	26.82 -0.81 0.00	25.12 -1.32 0.00	28.86 -1.71 0.00	48.29 -1.80 0.00	95.15 -2.82 0.00	70.26 -2.89 0.00	43.28 -2.76 0.00	37.94 -2.54 0.00	40.14 -2.38 0.00
BLUESTONE___WT_PWR 323821	45.74 0.14 0.00	42.80 -0.25 0.00	40.35 0.20 0.00	44.35 0.58 0.00	44.02 0.01 0.00	47.71 -0.22 0.00	80.82 1.40 0.00	224.16 10.89 0.00	57.95 2.30 0.00	36.02 1.28 0.00	37.61 1.20 0.00	35.88 1.26 0.00	32.92 1.11 0.00	29.28 0.83 0.00	27.90 0.76 0.00	28.34 0.71 0.00	27.08 0.64 0.00	31.50 0.93 0.00	52.28 2.19 0.00	102.78 4.81 0.00	76.30 3.15 0.00	46.80 0.75 0.00	40.48 0.00 0.00	42.33 -0.19 0.00
BLUE_CIRC_CHEM_DRP 24182	45.95 0.36 0.00	43.47 0.43 0.00	40.61 0.46 0.00	44.28 0.51 0.00	44.54 0.52 0.00	48.70 0.77 0.00	80.43 1.01 0.00	216.58 3.31 0.00	56.43 0.78 0.00	35.05 0.31 0.00	36.73 0.32 0.00	34.88 0.26 0.00	32.07 0.25 0.00	28.69 0.24 0.00	27.42 0.28 0.00	27.95 0.31 0.00	26.88 0.44 0.00	31.26 0.69 0.00	51.21 1.12 0.00	99.92 1.95 0.00	74.63 1.48 0.00	47.16 1.12 0.00	41.48 1.00 0.00	43.58 1.06 0.00
BOC_GAS_DRP 24189	45.65 0.06 0.00	43.17 0.12 0.00	40.33 0.18 0.00	43.97 0.20 0.00	44.20 0.18 0.00	48.32 0.39 0.00	79.85 0.43 0.00	215.29 2.02 0.00	56.27 0.62 0.00	35.12 0.38 0.00	36.84 0.43 0.00	34.98 0.36 0.00	32.14 0.33 0.00	28.75 0.30 0.00	27.48 0.33 0.00	28.00 0.36 0.00	26.90 0.47 0.00	31.15 0.58 0.00	50.86 0.77 0.00	99.22 1.25 0.00	74.15 1.00 0.00	46.85 0.80 0.00	41.18 0.70 0.00	43.19 0.67 0.00
BOONVILLE_115KV_TB1 79983	46.60 1.01 0.00	44.09 1.05 0.00	41.10 0.95 0.00	44.84 1.07 0.00	45.16 1.14 0.00	49.34 1.42 0.00	82.22 2.81 0.00	220.86 7.59 0.00	57.17 1.52 0.00	35.23 0.49 0.00	36.66 0.24 0.00	34.62 0.01 0.00	31.70 -0.12 0.00	28.38 -0.07 0.00	27.03 -0.11 0.00	27.55 -0.09 0.00	26.43 -0.01 0.00	30.96 0.39 0.00	51.25 1.16 0.00	100.58 2.61 0.00	74.68 1.53 0.00	46.60 0.55 0.00	40.77 0.29 0.00	42.74 0.22 0.00
BORALEX_4TH_BRANCH 23824	46.12 0.53 0.00	43.62 0.57 0.00	40.88 0.73 0.00	44.58 0.81 0.00	44.83 0.81 0.00	49.14 1.22 0.00	80.73 1.31 0.00	217.60 4.33 0.00	57.33 1.68 0.00	35.63 0.89 0.00	37.43 1.02 0.00	35.47 0.86 0.00	32.58 0.76 0.00	29.14 0.70 0.00	27.91 0.77 0.00	28.51 0.87 0.00	27.46 1.03 0.00	31.87 1.30 0.00	52.01 1.93 0.00	101.40 3.43 0.00	75.83 2.68 0.00	48.02 1.97 0.00	42.21 1.73 0.00	44.21 1.70 0.00
BOWLINE___1 23526	46.10 0.51 0.00	43.53 0.49 0.00	40.69 0.54 0.00	44.47 0.70 0.00	44.66 0.65 0.00	48.91 0.98 0.00	81.20 1.78 0.00	220.43 7.16 0.00	57.30 1.65 0.00	35.77 1.03 0.00	37.57 1.16 0.00	35.64 1.02 0.00	32.66 0.85 0.00	29.17 0.72 0.00	27.91 0.77 0.00	28.42 0.78 0.00	29.25 0.89 -1.92	31.62 1.05 0.00	51.55 1.46 0.00	100.81 2.84 0.00	75.52 2.37 0.00	47.66 1.61 0.00	41.81 1.33 0.00	43.48 0.96 0.00
BOWLINE___2 23595	46.10 0.51 0.00	43.53 0.49 0.00	40.69 0.54 0.00	44.47 0.70 0.00	44.66 0.64 0.00	48.90 0.97 0.00	81.20 1.78 0.00	220.38 7.10 0.00	57.30 1.65 0.00	35.77 1.03 0.00	37.56 1.15 0.00	35.64 1.02 0.00	32.65 0.84 0.00	29.17 0.72 0.00	27.91 0.77 0.00	28.42 0.78 0.00	29.27 0.89 -1.94	31.61 1.04 0.00	51.55 1.46 0.00	100.81 2.84 0.00	75.52 2.37 0.00	47.66 1.61 0.00	41.81 1.33 0.00	43.48 0.96 0.00
BRADY___115KV_TB2 356060	47.48 1.88 0.00	44.65 1.61 0.00	41.53 1.38 0.00	45.26 1.49 0.00	45.75 1.74 0.00	49.77 1.84 0.00	82.62 3.21 0.00	220.07 6.80 0.00	57.25 1.60 0.00	35.46 0.71 0.00	36.96 0.55 0.00	35.07 0.46 0.00	32.24 0.43 0.00	28.84 0.39 0.00	27.47 0.33 0.00	27.95 0.31 0.00	26.65 0.21 0.00	30.87 0.30 0.00	50.97 0.88 0.00	100.46 2.49 0.00	75.01 1.86 0.00	47.15 1.10 0.00	41.67 1.19 0.00	43.92 1.40 0.00
BRANSCOMB___SOLAR 323811	46.78 1.19 0.00	44.17 1.13 0.00	41.27 1.12 0.00	45.03 1.26 0.00	45.29 1.27 0.00	49.71 1.78 0.00	82.21 2.79 0.00	221.78 8.51 0.00	57.90 2.25 0.00	35.69 0.95 0.00	37.28 0.87 0.00	35.22 0.61 0.00	32.34 0.52 0.00	28.93 0.48 0.00	27.64 0.50 0.00	28.21 0.57 0.00	27.25 0.82 0.00	31.74 1.17 0.00	52.18 2.09 0.00	102.08 4.11 0.00	76.28 3.12 0.00	48.07 2.03 0.00	42.11 1.63 0.00	44.23 1.72 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	46.65 1.06 0.00	43.75 0.71 0.00	41.07 0.92 0.00	44.84 1.07 0.00	44.92 0.90 0.00	49.44 1.51 0.00	80.71 1.30 0.00	215.65 6.28 3.90	57.40 1.75 0.00	36.65 1.91 0.00	38.66 2.25 0.00	36.43 1.81 0.00	33.39 1.58 0.00	29.81 1.37 0.00	28.62 1.47 0.00	29.15 1.51 0.00	29.06 1.80 -0.84	32.24 1.67 0.00	52.14 2.05 0.00	101.50 3.53 0.00	76.31 3.16 0.00	48.63 2.59 0.00	42.67 2.19 0.00	44.42 1.90 0.00

BRISTLHL_115KV_TB1 79998	44.46 -1.14 0.00	42.00 -1.04 0.00	39.17 -0.98 0.00	42.68 -1.09 0.00	42.85 -1.17 0.00	46.51 -1.42 0.00	77.28 -2.14 0.00	207.46 -5.82 0.00	53.93 -1.72 0.00	33.65 -1.09 0.00	35.24 -1.17 0.00	33.60 -1.02 0.00	30.93 -0.89 0.00	27.64 -0.81 0.00	26.34 -0.80 0.00	26.82 -0.82 0.00	25.56 -0.88 0.00	29.53 -1.04 0.00	48.56 -1.53 0.00	95.20 -2.77 0.00	70.98 -2.17 0.00	44.51 -1.53 0.00	39.01 -1.46 0.00	41.11 -1.41 0.00
BROOKHAVEN___DRP 24191	45.76 0.17 0.00	42.69 -0.35 0.00	40.26 0.11 0.00	43.97 0.20 0.00	44.03 0.02 0.00	48.50 0.57 0.00	79.22 -0.20 0.00	212.25 2.98 4.00	56.14 0.50 0.00	36.25 1.51 0.00	38.37 1.96 0.00	36.07 1.46 0.00	33.10 1.28 0.00	29.56 1.11 0.00	28.44 1.29 0.00	28.94 1.31 0.00	28.91 1.63 -0.84	31.62 1.05 0.00	50.83 0.74 0.00	99.46 1.49 0.00	74.70 1.54 0.00	47.86 1.81 0.00	42.06 1.58 0.00	43.79 1.27 0.00
BROOKLYN_NAVY_YARD 23515	46.53 0.94 0.00	43.94 0.89 0.00	41.06 0.92 0.00	44.83 1.07 0.00	45.06 1.04 0.00	49.36 1.43 0.00	81.86 2.44 0.00	224.90 9.11 -2.52	57.91 2.26 0.00	36.33 1.59 0.00	38.25 1.84 0.00	36.31 1.70 0.00	33.30 1.48 0.00	29.71 1.26 0.00	28.40 1.26 0.00	28.91 1.27 0.00	28.66 1.40 -0.83	32.16 1.60 0.00	52.17 2.08 0.00	101.98 4.01 0.00	76.30 3.14 0.00	48.18 2.14 0.00	42.26 1.78 0.00	43.96 1.44 0.00
BROOKLYN___ARMY_DRP 323595	50.31 1.48 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 2.00 -2.37	84.43 3.28 -1.73	225.03 11.75 -0.01	96.40 2.94 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.03 2.04 -13.37	49.56 1.83 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.76 -9.79	103.21 5.23 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.04 -9.57
BROOKVLE_69_KV_TB1 55790	46.79 1.21 0.00	44.03 0.98 0.00	41.23 1.08 0.00	45.00 1.23 0.00	45.10 1.09 0.00	49.54 1.61 0.00	81.76 2.35 0.00	221.46 8.90 0.71	57.86 2.21 0.00	36.63 1.89 0.00	38.60 2.19 0.00	36.48 1.86 0.00	33.43 1.62 0.00	29.86 1.41 0.00	28.61 1.46 0.00	29.14 1.51 0.00	28.98 1.71 -0.84	32.29 1.72 0.00	52.38 2.29 0.00	102.28 4.31 0.00	76.69 3.54 0.00	48.62 2.58 0.00	42.64 2.16 0.00	44.44 1.92 0.00
BROOME_2_LFGE 323671	45.31 -0.28 0.00	42.77 -0.28 0.00	39.86 -0.28 0.00	43.48 -0.29 0.00	43.65 -0.37 0.00	47.47 -0.46 0.00	79.04 -0.38 0.00	212.43 -0.85 0.00	55.03 -0.62 0.00	34.35 -0.39 0.00	36.04 -0.37 0.00	34.34 -0.27 0.00	31.58 -0.23 0.00	28.21 -0.23 0.00	26.90 -0.24 0.00	27.34 -0.30 0.00	26.05 -0.39 0.00	30.09 -0.48 0.00	49.65 -0.43 0.00	97.37 -0.60 0.00	72.53 -0.62 0.00	45.34 -0.70 0.00	39.79 -0.69 0.00	41.75 -0.77 0.00
BROOME___LFGE 323600	45.31 -0.28 0.00	42.77 -0.28 0.00	39.86 -0.28 0.00	43.48 -0.29 0.00	43.65 -0.37 0.00	47.47 -0.46 0.00	79.04 -0.38 0.00	212.43 -0.85 0.00	55.03 -0.62 0.00	34.35 -0.39 0.00	36.04 -0.37 0.00	34.34 -0.27 0.00	31.58 -0.23 0.00	28.21 -0.23 0.00	26.90 -0.24 0.00	27.34 -0.30 0.00	26.05 -0.39 0.00	30.09 -0.48 0.00	49.65 -0.43 0.00	97.37 -0.60 0.00	72.53 -0.62 0.00	45.34 -0.70 0.00	39.79 -0.69 0.00	41.75 -0.77 0.00
BROWNFLS_115KV_TB 3_5 80003	46.12 0.52 0.00	43.55 0.51 0.00	40.56 0.41 0.00	44.24 0.47 0.00	44.68 0.67 0.00	48.75 0.83 0.00	81.18 1.76 0.00	217.36 4.09 0.00	56.22 0.57 0.00	34.57 -0.17 0.00	35.83 -0.59 0.00	33.80 -0.81 0.00	30.96 -0.86 0.00	27.73 -0.72 0.00	26.38 -0.77 0.00	26.87 -0.77 0.00	25.66 -0.77 0.00	30.09 -0.48 0.00	49.93 -0.16 0.00	98.29 0.32 0.00	72.98 -0.17 0.00	45.52 -0.53 0.00	39.97 -0.51 0.00	42.04 -0.48 0.00
BROWNSV1_27_KV_LOAD 356125	47.01 1.42 0.00	44.35 1.30 0.00	41.45 1.30 0.00	45.27 1.49 0.00	45.47 1.46 0.00	49.84 1.91 0.00	82.70 3.29 0.00	224.84 11.56 0.00	58.52 2.87 0.00	36.71 1.97 0.00	38.63 2.22 0.00	36.63 2.02 0.00	33.57 1.76 0.00	29.98 1.54 0.00	28.67 1.52 0.00	29.19 1.55 0.00	28.91 1.65 -0.83	32.45 1.88 0.00	52.74 2.65 0.00	103.12 5.15 0.00	77.14 3.99 0.00	48.69 2.65 0.00	42.73 2.25 0.00	44.43 1.91 0.00
BURROWS___LYONSDAL 23803	46.53 0.94 0.00	44.06 1.02 0.00	41.07 0.93 0.00	44.82 1.05 0.00	45.15 1.13 0.00	49.34 1.42 0.00	82.25 2.83 0.00	220.85 7.58 0.00	57.09 1.45 0.00	35.12 0.38 0.00	36.46 0.05 0.00	34.41 -0.21 0.00	31.47 -0.35 0.00	28.20 -0.24 0.00	26.85 -0.30 0.00	27.36 -0.28 0.00	26.23 -0.20 0.00	30.80 0.23 0.00	51.07 0.98 0.00	100.30 2.33 0.00	74.36 1.21 0.00	46.30 0.26 0.00	40.49 0.01 0.00	42.45 -0.06 0.00
CAITHNESS_CC_1 323624	45.86 0.27 0.00	42.86 -0.19 0.00	40.35 0.20 0.00	44.06 0.29 0.00	44.13 0.12 0.00	48.59 0.67 0.00	79.45 0.03 0.00	212.60 3.33 4.01	56.32 0.67 0.00	36.26 1.52 0.00	38.33 1.92 0.00	36.06 1.44 0.00	33.07 1.26 0.00	29.55 1.10 0.00	28.41 1.27 0.00	28.92 1.28 0.00	28.87 1.60 -0.84	31.70 1.13 0.00	51.00 0.92 0.00	99.71 1.74 0.00	74.89 1.74 0.00	47.90 1.86 0.00	42.09 1.61 0.00	43.81 1.29 0.00
CALPINE BETH_PAGE_GT4 24209	46.44 0.85 0.00	43.67 0.63 0.00	40.92 0.78 0.00	44.65 0.88 0.00	44.62 0.61 0.00	49.02 1.09 0.00	80.69 1.28 0.00	216.50 6.24 3.01	57.18 1.53 0.00	36.27 1.53 0.00	38.35 1.94 0.00	36.20 1.59 0.00	33.18 1.37 0.00	29.63 1.18 0.00	28.40 1.26 0.00	28.93 1.29 0.00	28.80 1.53 -0.84	31.96 1.39 0.00	51.78 1.69 0.00	101.16 3.19 0.00	75.86 2.71 0.00	48.16 2.12 0.00	42.26 1.78 0.00	44.14 1.63 0.00
CALPINE_BETH_PAGE_GT_4 323586	46.44 0.85 0.00	43.67 0.62 0.00	40.92 0.78 0.00	44.65 0.88 0.00	44.62 0.61 0.00	49.02 1.09 0.00	80.69 1.28 0.00	216.37 6.11 3.01	57.17 1.53 0.00	36.27 1.53 0.00	38.35 1.93 0.00	36.21 1.59 0.00	33.18 1.37 0.00	29.63 1.18 0.00	28.40 1.26 0.00	28.93 1.29 0.00	28.80 1.53 -0.84	31.96 1.39 0.00	51.78 1.69 0.00	101.15 3.18 0.00	75.86 2.71 0.00	48.16 2.12 0.00	42.27 1.79 0.00	44.14 1.62 0.00
CALPINE_BP_GT1 23823	46.44 0.85 0.00	43.67 0.62 0.00	40.92 0.78 0.00	44.65 0.88 0.00	44.62 0.61 0.00	49.02 1.09 0.00	80.69 1.28 0.00	216.37 6.11 3.01	57.17 1.53 0.00	36.27 1.53 0.00	38.35 1.93 0.00	36.21 1.59 0.00	33.18 1.37 0.00	29.63 1.18 0.00	28.40 1.26 0.00	28.93 1.29 0.00	28.80 1.53 -0.84	31.96 1.39 0.00	51.78 1.69 0.00	101.15 3.18 0.00	75.86 2.71 0.00	48.16 2.12 0.00	42.27 1.79 0.00	44.14 1.62 0.00
CALSPAN___DRP 24200	45.07 -0.52 0.00	42.71 -0.34 0.00	39.34 -0.81 0.00	42.61 -1.16 0.00	42.81 -1.21 0.00	46.24 -1.69 0.00	77.11 -2.31 0.00	203.51 -9.76 0.00	52.97 -2.68 0.00	33.63 -1.11 0.00	35.30 -1.12 0.00	33.72 -0.90 0.00	31.15 -0.66 0.00	27.68 -0.77 0.00	26.25 -0.90 0.00	26.67 -0.97 0.00	24.94 -1.50 0.00	28.44 -2.13 0.00	47.28 -2.81 0.00	94.23 -4.89 -1.15	69.04 -4.11 0.00	42.82 -3.23 0.00	37.56 -2.91 0.00	40.00 -2.52 0.00

CALVERTON___SOLAR 323806	45.50 -0.09 0.00	42.24 -0.81 0.00	39.96 -0.19 0.00	43.67 -0.10 0.00	43.72 -0.30 0.00	48.19 0.26 0.00	78.58 -0.83 0.00	210.56 1.29 4.00	55.68 0.03 0.00	36.23 1.49 0.00	38.42 2.00 0.00	36.04 1.42 0.00	33.08 1.26 0.00	29.54 1.09 0.00	28.47 1.32 0.00	28.95 1.31 0.00	28.95 1.68 -0.84	31.36 0.79 0.00	50.32 0.23 0.00	98.98 1.01 0.00	74.52 1.36 0.00	47.82 1.78 0.00	42.04 1.56 0.00	43.77 1.25 0.00
CANDIGU_WT_PWR 323617	44.68 -0.91 0.00	42.47 -0.57 0.00	39.43 -0.72 0.00	42.81 -0.96 0.00	42.89 -1.12 0.00	46.62 -1.31 0.00	77.87 -1.54 0.00	207.25 -6.02 0.00	53.15 -2.49 0.00	32.82 -1.92 0.00	34.41 -2.00 0.00	32.88 -1.74 0.00	30.22 -1.59 0.00	26.80 -1.64 0.00	25.42 -1.72 0.00	25.86 -1.77 0.00	24.53 -1.91 0.00	28.52 -2.04 0.00	48.02 -2.07 0.00	94.71 -3.26 0.00	70.04 -3.11 0.00	43.15 -2.90 0.00	37.51 -2.97 0.00	39.37 -3.15 0.00
CARR STREET_E_SYR 24060	44.91 -0.68 0.00	42.43 -0.61 0.00	39.55 -0.60 0.00	43.07 -0.69 0.00	43.24 -0.78 0.00	46.88 -1.05 0.00	77.96 -1.46 0.00	209.44 -3.83 0.00	54.41 -1.24 0.00	33.95 -0.79 0.00	35.60 -0.81 0.00	33.94 -0.67 0.00	31.25 -0.56 0.00	27.92 -0.53 0.00	26.61 -0.53 0.00	27.10 -0.54 0.00	25.80 -0.64 0.00	29.77 -0.79 0.00	48.97 -1.12 0.00	95.97 -2.00 0.00	71.57 -1.58 0.00	44.87 -1.18 0.00	39.32 -1.15 0.00	41.42 -1.10 0.00
CARTHAGE___PAPER 23857	47.05 1.46 0.00	44.59 1.55 0.00	41.56 1.41 0.00	45.36 1.59 0.00	45.77 1.75 0.00	50.06 2.13 0.00	83.65 4.24 0.00	224.33 11.06 0.00	57.60 1.96 0.00	35.06 0.32 0.00	36.08 -0.34 0.00	33.87 -0.74 0.00	30.93 -0.88 0.00	27.74 -0.71 0.00	26.34 -0.80 0.00	26.87 -0.77 0.00	25.71 -0.73 0.00	30.57 0.00 0.00	51.18 1.09 0.00	100.91 2.93 0.00	74.63 1.48 0.00	46.17 0.13 0.00	40.28 -0.20 0.00	42.30 -0.22 0.00
CASSADAGA_WT_PWR 323784	46.57 0.98 0.00	43.72 0.67 0.00	39.97 -0.17 0.00	43.54 -0.23 0.00	43.61 -0.40 0.00	47.00 -0.93 0.00	78.67 -0.74 0.00	209.30 -3.97 0.00	53.73 -1.92 0.00	33.07 -1.67 0.00	35.08 -1.33 0.00	33.80 -0.81 0.00	31.26 -0.55 0.00	27.99 -0.46 0.00	26.63 -0.52 0.00	26.65 -0.98 0.00	24.95 -1.49 0.00	28.73 -1.84 0.00	48.47 -1.62 0.00	95.81 -2.16 0.00	70.53 -2.62 0.00	42.62 -3.42 0.00	37.28 -3.20 0.00	39.17 -3.35 0.00
CE_DUNWOOD___DRP 24194	46.43 0.83 0.00	43.82 0.78 0.00	40.96 0.81 0.00	44.74 0.97 0.00	44.93 0.91 0.00	49.24 1.30 0.00	81.65 2.23 0.00	221.63 8.36 0.00	57.69 2.04 0.00	36.14 1.40 0.00	37.99 1.58 0.00	36.01 1.40 0.00	33.02 1.20 0.00	29.49 1.04 0.00	28.21 1.07 0.00	28.72 1.09 0.00	28.55 1.21 -0.90	31.95 1.38 0.00	52.01 1.92 0.00	101.66 3.68 0.00	76.10 2.95 0.00	48.05 2.01 0.00	42.16 1.68 0.00	43.88 1.36 0.00
CE_MILLWOOD___DRP 24193	46.29 0.70 0.00	43.70 0.66 0.00	40.86 0.71 0.00	44.62 0.85 0.00	44.83 0.81 0.00	49.10 1.17 0.00	81.46 2.05 0.00	221.09 7.82 0.00	57.52 1.87 0.00	35.98 1.24 0.00	37.82 1.40 0.00	35.85 1.23 0.00	32.87 1.06 0.00	29.36 0.91 0.00	28.08 0.94 0.00	28.60 0.96 0.00	27.92 1.08 -0.40	31.82 1.25 0.00	51.82 1.73 0.00	101.30 3.33 0.00	75.85 2.70 0.00	47.89 1.85 0.00	42.01 1.54 0.00	43.73 1.21 0.00
CE_NYC2_DRP 24202	46.78 1.19 0.00	44.18 1.13 -0.01	41.31 1.16 -0.01	45.11 1.33 -0.01	45.32 1.29 -0.01	49.62 1.69 -0.01	82.23 2.82 0.00	223.69 10.41 0.00	58.26 2.61 0.00	36.54 1.79 0.00	44.57 2.05 -6.12	38.71 1.86 -2.24	33.44 1.62 -0.01	29.85 1.39 -0.01	28.54 1.40 0.00	29.07 1.43 0.00	28.82 1.55 -0.83	32.33 1.75 -0.01	52.50 2.41 0.00	102.65 4.67 0.00	86.40 3.65 -9.59	74.62 2.45 -26.12	43.08 2.08 -0.52	44.29 1.77 0.00
CE_NYC_DRP 24195	46.64 1.05 0.00	44.03 0.98 0.00	41.15 1.00 0.00	44.94 1.17 0.00	45.15 1.13 0.00	49.47 1.54 0.00	82.02 2.61 0.00	222.92 9.65 0.00	58.02 2.37 0.00	36.40 1.66 0.00	38.33 1.92 0.00	36.36 1.74 0.00	33.33 1.52 0.00	29.76 1.31 0.00	28.46 1.31 0.00	28.98 1.34 0.00	28.72 1.45 -0.83	32.22 1.65 0.00	52.34 2.25 0.00	102.29 4.31 0.00	76.51 3.36 0.00	48.31 2.26 0.00	42.39 1.91 0.00	44.10 1.58 0.00
CHAFFEE___LFGE 323603	45.41 -0.18 0.00	42.91 -0.13 0.00	39.72 -0.43 0.00	43.36 -0.41 0.00	43.56 -0.46 0.00	46.97 -0.96 0.00	78.42 -0.99 0.00	209.09 -4.18 0.00	53.88 -1.77 0.00	33.69 -1.05 0.00	35.53 -0.88 0.00	34.00 -0.61 0.00	31.66 -0.16 0.00	28.46 0.02 0.00	27.12 -0.02 0.00	27.45 -0.19 0.00	25.83 -0.60 0.00	29.46 -1.11 0.00	48.40 -1.69 0.00	96.25 -1.72 0.00	71.08 -2.07 0.00	43.89 -2.15 0.00	38.68 -1.80 0.00	41.25 -1.27 0.00
CHATEAUG_35_KV_LOAD 355732	47.30 1.71 0.00	44.58 1.54 0.00	41.70 1.55 0.00	45.46 1.69 0.00	45.90 1.89 0.00	49.80 1.87 0.00	82.26 2.85 0.00	220.76 7.48 0.00	57.72 2.07 0.00	35.81 1.07 0.00	37.41 1.01 0.00	35.41 0.80 0.00	32.59 0.77 0.00	29.18 0.73 0.00	27.75 0.61 0.00	28.25 0.61 0.00	26.93 0.49 0.00	31.16 0.59 0.00	51.11 1.02 0.00	100.25 2.28 0.00	75.09 1.94 0.00	47.47 1.42 0.00	41.89 1.41 0.00	44.08 1.56 0.00
CHATEAUG_WT_PWR 323614	47.12 1.53 0.00	44.44 1.39 0.00	41.58 1.43 0.00	45.33 1.56 0.00	45.76 1.75 0.00	49.61 1.68 0.00	81.88 2.46 0.00	220.01 6.74 0.00	57.54 1.89 0.00	35.77 1.03 0.00	37.43 1.02 0.00	35.43 0.81 0.00	32.60 0.79 0.00	29.21 0.76 0.00	27.78 0.64 0.00	28.28 0.64 0.00	26.96 0.52 0.00	31.21 0.64 0.00	51.06 0.97 0.00	100.02 2.05 0.00	74.88 1.73 0.00	47.36 1.31 0.00	41.76 1.28 0.00	43.94 1.42 0.00
CHAT_HIGH_FALL_HYD 323578	47.30 1.71 0.00	44.58 1.54 0.00	41.70 1.55 0.00	45.46 1.69 0.00	45.90 1.89 0.00	49.80 1.87 0.00	82.26 2.85 0.00	220.76 7.48 0.00	57.72 2.07 0.00	35.81 1.07 0.00	37.41 1.01 0.00	35.41 0.80 0.00	32.59 0.77 0.00	29.18 0.73 0.00	27.75 0.61 0.00	28.25 0.61 0.00	26.93 0.49 0.00	31.16 0.59 0.00	51.11 1.02 0.00	100.25 2.28 0.00	75.09 1.94 0.00	47.47 1.42 0.00	41.89 1.41 0.00	44.08 1.56 0.00
CHAUTAUQUA___LFGE 323629	45.88 0.29 0.00	43.17 0.12 0.00	39.59 -0.55 0.00	43.12 -0.65 0.00	43.18 -0.84 0.00	46.58 -1.35 0.00	77.98 -1.44 0.00	207.10 -6.17 0.00	53.26 -2.39 0.00	33.28 -1.46 0.00	35.18 -1.23 0.00	33.75 -0.86 0.00	31.14 -0.67 0.00	27.86 -0.59 0.00	26.53 -0.62 0.00	26.69 -0.95 0.00	24.99 -1.45 0.00	28.68 -1.89 0.00	48.23 -1.86 0.00	95.34 -2.63 0.00	70.46 -2.69 0.00	42.95 -3.10 0.00	37.61 -2.87 0.00	39.58 -2.93 0.00
CHERRYST_13_KV_LD 356241	46.78 1.19 0.00	44.14 1.09 0.00	41.25 1.10 0.00	45.05 1.28 0.00	45.26 1.24 0.00	49.61 1.68 0.00	82.26 2.85 0.00	223.64 10.37 0.00	58.20 2.56 0.00	36.53 1.79 0.00	38.47 2.05 0.00	36.48 1.87 0.00	33.44 1.63 0.00	29.86 1.42 0.00	28.55 1.41 0.00	29.07 1.44 0.00	28.80 1.54 -0.83	32.31 1.75 0.00	52.49 2.40 0.00	102.57 4.60 0.00	76.72 3.57 0.00	48.42 2.38 0.00	42.49 2.01 0.00	44.21 1.69 0.00

CHESTROR_138KV_BK263 355645	46.05 0.45 0.00	43.47 0.43 0.00	40.63 0.48 0.00	44.37 0.60 0.00	44.58 0.56 0.00	48.79 0.86 0.00	81.02 1.60 0.00	219.54 6.27 0.00	57.09 1.44 0.00	35.59 0.85 0.00	37.35 0.94 0.00	35.43 0.81 0.00	32.48 0.67 0.00	29.02 0.58 0.00	27.75 0.61 0.00	28.27 0.63 0.00	26.31 0.74 0.86	31.46 0.89 0.00	51.38 1.29 0.00	100.52 2.55 0.00	75.27 2.12 0.00	47.49 1.44 0.00	41.65 1.17 0.00	43.39 0.87 0.00
CH_MIDHUDSON___DRP 24192	46.38 0.79 0.00	43.80 0.75 0.00	40.95 0.80 0.00	44.70 0.93 0.00	44.91 0.90 0.00	49.20 1.27 0.00	81.63 2.21 0.00	220.87 7.60 0.00	57.54 1.89 0.00	35.97 1.23 0.00	37.75 1.34 0.00	35.76 1.15 0.00	32.80 0.99 0.00	29.31 0.87 0.00	28.02 0.88 0.00	28.56 0.92 0.00	27.50 1.06 0.00	31.83 1.27 0.00	51.91 1.82 0.00	101.47 3.49 0.00	75.94 2.79 0.00	47.93 1.89 0.00	42.05 1.57 0.00	43.83 1.31 0.00
CH_MISC_IPPS 23765	46.64 1.05 0.00	44.03 0.98 0.00	41.15 1.00 0.00	44.94 1.17 0.00	45.14 1.12 0.00	49.47 1.54 0.00	82.18 2.76 0.00	223.36 10.09 0.00	58.08 2.44 0.00	36.25 1.51 0.00	38.00 1.59 0.00	36.00 1.39 0.00	32.99 1.18 0.00	29.48 1.03 0.00	28.18 1.04 0.00	28.71 1.08 0.00	27.67 1.23 0.00	32.06 1.49 0.00	52.36 2.27 0.00	102.42 4.45 0.00	76.66 3.51 0.00	48.35 2.30 0.00	42.38 1.90 0.00	44.13 1.61 0.00
CH_RES_BVR_FALLS 23983	45.89 0.30 0.00	43.33 0.29 0.00	40.37 0.22 0.00	44.02 0.25 0.00	44.35 0.34 0.00	48.27 0.34 0.00	79.96 0.54 0.00	214.31 1.05 0.00	55.96 0.31 0.00	34.94 0.20 0.00	36.58 0.17 0.00	34.70 0.08 0.00	31.72 -0.09 0.00	28.42 -0.02 0.00	27.13 -0.02 0.00	27.63 -0.01 0.00	26.39 -0.04 0.00	30.58 0.02 0.00	50.11 0.02 0.00	97.86 -0.11 0.00	72.66 -0.50 0.00	45.40 -0.65 0.00	39.80 -0.68 0.00	41.76 -0.76 0.00
CH_RES_NIAGARA 23895	43.74 -1.86 0.00	41.53 -1.51 0.00	38.23 -1.92 0.00	41.31 -2.46 0.00	41.50 -2.51 0.00	44.76 -3.16 0.00	74.39 -5.02 0.00	195.54 -17.73 0.00	51.12 -4.53 0.00	32.64 -2.10 0.00	34.28 -2.13 0.00	32.73 -1.89 0.00	30.25 -1.57 0.00	26.94 -1.51 0.00	25.55 -1.59 0.00	26.01 -1.63 0.00	24.28 -2.15 0.00	27.59 -2.98 0.00	45.63 -4.45 0.00	89.71 -8.27 0.00	66.57 -6.59 0.00	41.38 -4.66 0.00	36.39 -4.09 0.00	38.99 -3.53 0.00
CH_RES_SYRACUSE 23985	45.11 -0.48 0.00	42.64 -0.40 0.00	39.75 -0.40 0.00	43.31 -0.46 0.00	43.49 -0.53 0.00	47.17 -0.76 0.00	78.41 -1.01 0.00	210.61 -2.66 0.00	54.71 -0.94 0.00	34.12 -0.62 0.00	35.76 -0.65 0.00	34.08 -0.53 0.00	31.35 -0.46 0.00	28.02 -0.43 0.00	26.70 -0.44 0.00	27.18 -0.46 0.00	25.91 -0.53 0.00	29.93 -0.64 0.00	49.31 -0.78 0.00	96.70 -1.27 0.00	72.08 -1.08 0.00	45.19 -0.86 0.00	39.60 -0.88 0.00	41.65 -0.86 0.00
CLINTON_WT_PWR 323605	47.12 1.53 0.00	44.44 1.39 0.00	41.58 1.43 0.00	45.33 1.56 0.00	45.76 1.75 0.00	49.61 1.68 0.00	81.88 2.46 0.00	220.01 6.74 0.00	57.54 1.89 0.00	35.77 1.03 0.00	37.43 1.02 0.00	35.43 0.81 0.00	32.60 0.79 0.00	29.21 0.76 0.00	27.78 0.64 0.00	28.28 0.64 0.00	26.96 0.52 0.00	31.21 0.64 0.00	51.06 0.97 0.00	100.02 2.05 0.00	74.88 1.73 0.00	47.36 1.31 0.00	41.76 1.28 0.00	43.94 1.42 0.00
CLINTON___LFGE 323618	48.01 2.42 0.00	45.28 2.23 0.00	42.46 2.31 0.00	46.28 2.51 0.00	46.75 2.73 0.00	50.55 2.62 0.00	83.22 3.80 0.00	224.82 11.55 0.00	58.80 3.16 0.00	36.39 1.65 0.00	38.10 1.68 0.00	35.99 1.37 0.00	33.10 1.28 0.00	29.68 1.24 0.00	28.25 1.11 0.00	28.77 1.13 0.00	27.40 0.97 0.00	31.78 1.22 0.00	51.98 1.89 0.00	101.98 4.01 0.00	76.44 3.28 0.00	48.54 2.49 0.00	42.63 2.15 0.00	44.83 2.31 0.00
COBBLENY_34_KV_TB1 80064	45.41 -0.18 0.00	42.91 -0.14 0.00	39.72 -0.43 0.00	43.36 -0.41 0.00	43.56 -0.46 0.00	46.97 -0.96 0.00	78.42 -1.00 0.00	209.13 -4.14 0.00	53.87 -1.77 0.00	33.69 -1.05 0.00	35.53 -0.88 0.00	34.02 -0.60 0.00	31.66 -0.16 0.00	28.46 0.02 0.00	27.12 -0.02 0.00	27.45 -0.19 0.00	25.83 -0.60 0.00	29.47 -1.10 0.00	48.41 -1.69 0.00	96.24 -1.73 0.00	71.08 -2.07 0.00	43.89 -2.15 0.00	38.70 -1.78 0.00	41.24 -1.28 0.00
COFFEEN___115KV_TB3 355620	47.23 1.64 0.00	44.80 1.76 0.00	41.76 1.61 0.00	45.56 1.79 0.00	45.97 1.95 0.00	50.26 2.33 0.00	84.18 4.76 0.00	225.90 12.63 0.00	57.81 2.16 0.00	35.01 0.27 0.00	35.94 -0.48 0.00	33.71 -0.91 0.00	30.77 -1.04 0.00	27.59 -0.86 0.00	26.19 -0.95 0.00	26.71 -0.93 0.00	25.51 -0.93 0.00	30.48 -0.09 0.00	51.29 1.20 0.00	101.38 3.41 0.00	75.02 1.87 0.00	46.32 0.27 0.00	40.32 -0.16 0.00	42.32 -0.20 0.00
COLDSPRG_115KV_BK1 355956	46.84 1.25 0.00	44.12 1.08 0.00	40.61 0.46 0.00	44.24 0.47 0.00	44.39 0.38 0.00	47.93 0.00 0.00	80.28 0.86 0.00	213.86 0.59 0.00	55.01 -0.64 0.00	34.25 -0.49 0.00	36.17 -0.24 0.00	34.70 0.08 0.00	32.09 0.28 0.00	28.73 0.29 0.00	27.32 0.18 0.00	27.52 -0.12 0.00	25.83 -0.61 0.00	29.59 -0.98 0.00	49.37 -0.72 0.00	97.72 -0.25 0.00	72.16 -0.99 0.00	44.14 -1.90 0.00	38.77 -1.71 0.00	40.93 -1.59 0.00
COLONIE_LFGE___ 323577	46.01 0.42 0.00	43.51 0.47 0.00	40.69 0.54 0.00	44.36 0.59 0.00	44.59 0.58 0.00	48.85 0.92 0.00	80.62 1.20 0.00	217.37 4.10 0.00	56.95 1.30 0.00	35.38 0.64 0.00	37.07 0.66 0.00	35.15 0.53 0.00	32.29 0.47 0.00	28.88 0.43 0.00	27.61 0.47 0.00	28.16 0.53 0.00	27.13 0.70 0.00	31.50 0.93 0.00	51.50 1.41 0.00	100.49 2.52 0.00	75.12 1.97 0.00	47.46 1.41 0.00	41.65 1.17 0.00	43.72 1.20 0.00
COOPERNY_115KV_TB1 80082	45.86 0.27 0.00	43.31 0.26 0.00	40.45 0.31 0.00	44.17 0.40 0.00	44.39 0.37 0.00	48.50 0.57 0.00	80.51 1.09 0.00	217.58 4.30 0.00	56.61 0.96 0.00	35.32 0.59 0.00	37.07 0.66 0.00	35.18 0.56 0.00	32.26 0.45 0.00	28.83 0.38 0.00	27.55 0.41 0.00	28.05 0.42 0.00	26.47 0.50 0.47	31.16 0.60 0.00	50.95 0.86 0.00	99.66 1.69 0.00	74.55 1.40 0.00	47.00 0.95 0.00	41.25 0.77 0.00	43.05 0.54 0.00
COPENHAGEN_WT_PWR 323753	46.60 1.01 0.00	44.29 1.25 0.00	41.28 1.13 0.00	45.04 1.27 0.00	45.42 1.40 0.00	49.61 1.68 0.00	82.98 3.56 0.00	222.57 9.30 0.00	57.09 1.45 0.00	34.76 0.01 0.00	35.80 -0.61 0.00	33.60 -1.02 0.00	30.68 -1.14 0.00	27.57 -0.88 0.00	26.13 -1.01 0.00	26.66 -0.98 0.00	25.44 -1.00 0.00	30.27 -0.30 0.00	50.71 0.62 0.00	99.88 1.90 0.00	73.68 0.53 0.00	45.42 -0.63 0.00	39.52 -0.96 0.00	41.53 -0.98 0.00
CORNELL_____ 23752	46.16 0.57 0.00	43.58 0.54 0.00	40.63 0.49 0.00	44.30 0.53 0.00	44.49 0.47 0.00	48.40 0.47 0.00	80.71 1.29 0.00	217.16 3.89 0.00	56.14 0.49 0.00	34.77 0.03 0.00	36.25 -0.17 0.00	34.47 -0.15 0.00	31.66 -0.15 0.00	28.23 -0.21 0.00	26.90 -0.25 0.00	27.36 -0.28 0.00	26.10 -0.33 0.00	30.33 -0.24 0.00	50.35 0.25 0.00	99.18 1.20 0.00	73.88 0.73 0.00	46.16 0.12 0.00	40.40 -0.08 0.00	42.37 -0.14 0.00

CORONA V_69_KV_TB1 355595	46.75 1.16 0.00	44.03 0.98 0.00	41.22 1.07 0.00	45.00 1.23 0.00	45.12 1.11 0.00	49.51 1.58 0.00	81.53 2.11 0.00	225.86 7.72 -4.86	57.65 2.00 0.00	36.53 1.79 0.00	38.49 2.08 0.00	36.41 1.79 0.00	33.37 1.56 0.00	29.81 1.36 0.00	28.55 1.41 0.00	29.07 1.43 0.00	28.86 1.59 -0.84	32.16 1.59 0.00	52.17 2.09 0.00	101.96 3.99 0.00	76.48 3.33 0.00	48.49 2.45 0.00	42.53 2.05 0.00	44.33 1.81 0.00
CORTLAND_115KV_TB3 80093	45.73 0.14 0.00	43.18 0.14 0.00	40.27 0.12 0.00	43.90 0.13 0.00	44.09 0.07 0.00	47.95 0.02 0.00	79.87 0.45 0.00	214.78 1.51 0.00	55.65 0.00 0.00	34.58 -0.17 0.00	36.15 -0.27 0.00	34.41 -0.20 0.00	31.62 -0.19 0.00	28.24 -0.21 0.00	26.93 -0.21 0.00	27.39 -0.25 0.00	26.14 -0.30 0.00	30.28 -0.29 0.00	50.05 -0.04 0.00	98.28 0.31 0.00	73.24 0.09 0.00	45.83 -0.22 0.00	40.16 -0.32 0.00	42.15 -0.36 0.00
COXSACKIE__GT 23611	47.53 1.94 0.00	44.95 1.90 0.00	41.95 1.81 0.00	45.77 2.00 0.00	46.06 2.05 0.00	50.51 2.58 0.00	83.97 4.56 0.00	226.67 13.39 0.00	59.00 3.36 0.00	36.11 1.37 0.00	37.47 1.06 0.00	35.45 0.83 0.00	32.56 0.74 0.00	29.10 0.66 0.00	27.78 0.64 0.00	28.35 0.72 0.00	27.35 0.92 0.00	32.00 1.43 0.00	52.89 2.80 0.00	104.02 6.05 0.00	77.69 4.54 0.00	48.95 2.90 0.00	42.94 2.46 0.00	45.08 2.57 0.00
CPV_VALLEY__CC1 323721	45.74 0.15 0.00	43.20 0.15 0.00	40.37 0.22 0.00	44.08 0.31 0.00	44.30 0.28 0.00	48.45 0.52 0.00	80.42 1.01 0.00	217.81 4.54 0.00	56.66 1.01 0.00	35.39 0.65 0.00	37.15 0.73 0.00	35.24 0.63 0.00	32.31 0.50 0.00	28.87 0.43 0.00	27.61 0.47 0.00	28.11 0.47 0.00	26.37 0.59 0.66	31.27 0.70 0.00	51.04 0.95 0.00	99.79 1.82 0.00	74.69 1.54 0.00	47.13 1.08 0.00	41.35 0.87 0.00	43.09 0.57 0.00
CPV_VALLEY__CC2 323722	45.74 0.15 0.00	43.20 0.15 0.00	40.37 0.22 0.00	44.08 0.31 0.00	44.30 0.28 0.00	48.45 0.52 0.00	80.42 1.01 0.00	217.81 4.54 0.00	56.66 1.01 0.00	35.39 0.65 0.00	37.15 0.73 0.00	35.24 0.63 0.00	32.31 0.50 0.00	28.87 0.43 0.00	27.61 0.47 0.00	28.11 0.47 0.00	26.37 0.59 0.66	31.27 0.70 0.00	51.04 0.95 0.00	99.79 1.82 0.00	74.69 1.54 0.00	47.13 1.08 0.00	41.35 0.87 0.00	43.09 0.57 0.00
CRESCENT__HYD 24018	46.01 0.42 0.00	43.51 0.47 0.00	40.69 0.54 0.00	44.36 0.59 0.00	44.59 0.58 0.00	48.85 0.92 0.00	80.62 1.20 0.00	217.37 4.10 0.00	56.95 1.30 0.00	35.38 0.64 0.00	37.07 0.66 0.00	35.15 0.53 0.00	32.29 0.47 0.00	28.88 0.43 0.00	27.61 0.47 0.00	28.16 0.53 0.00	27.13 0.70 0.00	31.50 0.93 0.00	51.50 1.41 0.00	100.49 2.52 0.00	75.12 1.97 0.00	47.46 1.41 0.00	41.65 1.17 0.00	43.72 1.20 0.00
CRICKET__VALLEY_CC1 323756	45.71 0.12 0.00	43.18 0.13 0.00	40.43 0.28 0.00	44.12 0.35 0.00	44.30 0.29 0.00	48.54 0.60 0.00	80.43 1.02 0.00	217.82 4.55 0.00	56.86 1.22 0.00	35.60 0.86 0.00	37.37 0.96 0.00	35.39 0.77 0.00	32.49 0.67 0.00	29.06 0.62 0.00	27.80 0.65 0.00	28.32 0.69 0.00	27.63 0.85 -0.35	31.59 1.03 0.00	51.42 1.34 0.00	100.44 2.47 0.00	75.17 2.02 0.00	47.49 1.44 0.00	41.67 1.19 0.00	43.48 0.97 0.00
CRICKET__VALLEY_CC2 323757	45.71 0.12 0.00	43.18 0.13 0.00	40.43 0.28 0.00	44.12 0.35 0.00	44.30 0.29 0.00	48.54 0.60 0.00	80.43 1.02 0.00	217.82 4.55 0.00	56.86 1.22 0.00	35.60 0.86 0.00	37.37 0.96 0.00	35.39 0.77 0.00	32.49 0.67 0.00	29.06 0.62 0.00	27.80 0.65 0.00	28.32 0.69 0.00	27.63 0.85 -0.35	31.59 1.03 0.00	51.42 1.34 0.00	100.44 2.47 0.00	75.17 2.02 0.00	47.49 1.44 0.00	41.67 1.19 0.00	43.48 0.97 0.00
CRICKET__VALLEY_CC3 323758	45.71 0.12 0.00	43.18 0.13 0.00	40.43 0.28 0.00	44.12 0.35 0.00	44.30 0.29 0.00	48.54 0.60 0.00	80.43 1.02 0.00	217.82 4.55 0.00	56.86 1.22 0.00	35.60 0.86 0.00	37.37 0.96 0.00	35.39 0.77 0.00	32.49 0.67 0.00	29.06 0.62 0.00	27.80 0.65 0.00	28.32 0.69 0.00	27.63 0.85 -0.35	31.59 1.03 0.00	51.42 1.34 0.00	100.44 2.47 0.00	75.17 2.02 0.00	47.49 1.44 0.00	41.67 1.19 0.00	43.48 0.97 0.00
CRUCIBLE_METL_DRP 24180	45.12 -0.47 0.00	42.64 -0.40 0.00	39.75 -0.40 0.00	43.31 -0.46 0.00	43.49 -0.53 0.00	47.17 -0.76 0.00	78.41 -1.01 0.00	210.61 -2.67 0.00	54.71 -0.93 0.00	34.12 -0.62 0.00	35.76 -0.65 0.00	34.08 -0.53 0.00	31.35 -0.46 0.00	28.02 -0.42 0.00	26.71 -0.44 0.00	27.18 -0.46 0.00	25.91 -0.53 0.00	29.94 -0.63 0.00	49.31 -0.78 0.00	96.70 -1.27 0.00	72.08 -1.07 0.00	45.19 -0.86 0.00	39.61 -0.87 0.00	41.65 -0.86 0.00
DAHOWA__HYDRO 323763	46.94 1.34 0.00	44.32 1.28 0.00	41.39 1.24 0.00	45.18 1.41 0.00	45.45 1.43 0.00	49.92 2.00 0.00	82.59 3.18 0.00	222.91 9.64 0.00	58.21 2.56 0.00	35.85 1.11 0.00	37.43 1.01 0.00	35.31 0.70 0.00	32.41 0.60 0.00	29.00 0.55 0.00	27.71 0.57 0.00	28.28 0.64 0.00	27.33 0.90 0.00	31.84 1.27 0.00	52.38 2.29 0.00	102.48 4.51 0.00	76.56 3.41 0.00	48.25 2.20 0.00	42.22 1.74 0.00	44.37 1.85 0.00
DANC__LFGE 323619	45.76 0.17 0.00	43.38 0.34 0.00	40.45 0.30 0.00	44.10 0.34 0.00	44.39 0.38 0.00	48.38 0.45 0.00	80.74 1.33 0.00	216.68 3.41 0.00	55.83 0.18 0.00	34.27 -0.47 0.00	35.51 -0.90 0.00	33.52 -1.10 0.00	30.70 -1.12 0.00	27.52 -0.93 0.00	26.15 -0.99 0.00	26.65 -0.99 0.00	25.42 -1.01 0.00	29.93 -0.64 0.00	49.82 -0.27 0.00	97.99 0.02 0.00	72.59 -0.56 0.00	45.03 -1.01 0.00	39.29 -1.19 0.00	41.34 -1.18 0.00
DANSKAMMER__1 23586	46.64 1.05 0.00	44.03 0.98 0.00	41.15 1.00 0.00	44.94 1.17 0.00	45.14 1.12 0.00	49.47 1.54 0.00	82.18 2.76 0.00	223.36 10.09 0.00	58.08 2.44 0.00	36.25 1.51 0.00	38.00 1.59 0.00	36.00 1.39 0.00	32.99 1.18 0.00	29.48 1.03 0.00	28.18 1.04 0.00	28.71 1.08 0.00	27.67 1.23 0.00	32.06 1.49 0.00	52.36 2.27 0.00	102.42 4.45 0.00	76.66 3.51 0.00	48.35 2.30 0.00	42.38 1.90 0.00	44.13 1.61 0.00
DANSKAMMER__2 23589	46.64 1.05 0.00	44.03 0.98 0.00	41.15 1.00 0.00	44.94 1.17 0.00	45.14 1.12 0.00	49.47 1.54 0.00	82.18 2.76 0.00	223.36 10.09 0.00	58.08 2.44 0.00	36.25 1.51 0.00	38.00 1.59 0.00	36.00 1.39 0.00	32.99 1.18 0.00	29.48 1.03 0.00	28.18 1.04 0.00	28.71 1.08 0.00	27.67 1.23 0.00	32.06 1.49 0.00	52.36 2.27 0.00	102.42 4.45 0.00	76.66 3.51 0.00	48.35 2.30 0.00	42.38 1.90 0.00	44.13 1.61 0.00
DANSKAMMER__3 23590	46.64 1.05 0.00	44.03 0.98 0.00	41.15 1.00 0.00	44.94 1.17 0.00	45.14 1.12 0.00	49.47 1.54 0.00	82.18 2.76 0.00	223.36 10.09 0.00	58.08 2.44 0.00	36.25 1.51 0.00	38.00 1.59 0.00	36.00 1.39 0.00	32.99 1.18 0.00	29.48 1.03 0.00	28.18 1.04 0.00	28.71 1.08 0.00	27.67 1.23 0.00	32.06 1.49 0.00	52.36 2.27 0.00	102.42 4.45 0.00	76.66 3.51 0.00	48.35 2.30 0.00	42.38 1.90 0.00	44.13 1.61 0.00

DANSKAMMER___4 23591	46.64 1.05 0.00	44.03 0.98 0.00	41.15 1.00 0.00	44.94 1.17 0.00	45.14 1.12 0.00	49.47 1.54 0.00	82.18 2.76 0.00	223.36 10.09 0.00	58.08 2.44 0.00	36.25 1.51 0.00	38.00 1.59 0.00	36.00 1.39 0.00	32.99 1.18 0.00	29.48 1.03 0.00	28.18 1.04 0.00	28.71 1.08 0.00	27.67 1.23 0.00	32.06 1.49 0.00	52.36 2.27 0.00	102.42 4.45 0.00	76.66 3.51 0.00	48.35 2.30 0.00	42.38 1.90 0.00	44.13 1.61 0.00
DANSKAMMER___DIESEL 23592	46.64 1.05 0.00	44.03 0.98 0.00	41.15 1.00 0.00	44.94 1.17 0.00	45.14 1.13 0.00	49.47 1.54 0.00	82.18 2.77 0.00	223.36 10.09 0.00	58.08 2.44 0.00	36.24 1.50 0.00	38.00 1.59 0.00	36.00 1.39 0.00	32.99 1.18 0.00	29.48 1.03 0.00	28.18 1.04 0.00	28.71 1.08 0.00	27.67 1.23 0.00	32.06 1.49 0.00	52.35 2.26 0.00	102.43 4.46 0.00	76.66 3.51 0.00	48.35 2.30 0.00	42.37 1.90 0.00	44.14 1.62 0.00
DARBY___SOLAR 323810	46.78 1.19 0.00	44.17 1.12 0.00	41.26 1.11 0.00	45.01 1.25 0.00	45.28 1.26 0.00	49.71 1.78 0.00	82.21 2.79 0.00	221.80 8.52 0.00	57.92 2.27 0.00	35.70 0.96 0.00	37.28 0.87 0.00	35.21 0.60 0.00	32.32 0.51 0.00	28.91 0.46 0.00	27.63 0.49 0.00	28.20 0.56 0.00	27.25 0.82 0.00	31.74 1.17 0.00	52.16 2.07 0.00	102.05 4.08 0.00	76.25 3.10 0.00	48.06 2.02 0.00	42.08 1.60 0.00	44.21 1.69 0.00
DASHVILLE___HYD 23610	46.46 0.87 0.00	43.85 0.81 0.00	41.00 0.85 0.00	44.77 1.00 0.00	44.97 0.95 0.00	49.26 1.33 0.00	81.71 2.30 0.00	221.46 8.19 0.00	57.63 1.99 0.00	36.02 1.28 0.00	37.77 1.36 0.00	35.78 1.16 0.00	32.79 0.98 0.00	29.31 0.86 0.00	28.02 0.88 0.00	28.55 0.91 0.00	27.48 1.04 0.00	31.80 1.23 0.00	51.92 1.83 0.00	101.61 3.64 0.00	76.06 2.91 0.00	48.01 1.96 0.00	42.08 1.60 0.00	43.84 1.32 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	45.20 -0.39 0.00	41.91 -1.14 0.00	39.62 -0.52 0.00	43.38 -0.39 0.00	43.36 -0.66 0.00	47.84 -0.09 0.00	78.09 -1.33 0.00	209.95 0.68 4.00	55.33 -0.32 0.00	35.95 1.21 0.00	38.14 1.73 0.00	35.78 1.16 0.00	32.89 1.08 0.00	29.36 0.91 0.00	28.40 1.26 0.00	28.84 1.20 0.00	28.86 1.59 -0.84	31.15 0.59 0.00	49.94 -0.15 0.00	98.21 0.24 0.00	73.89 0.74 0.00	47.52 1.48 0.00	41.77 1.29 0.00	43.67 1.15 0.00
DELAWARE___LFGE 323621	46.33 0.74 0.00	43.74 0.70 0.00	40.86 0.71 0.00	44.60 0.83 0.00	44.81 0.79 0.00	48.89 0.97 0.00	81.23 1.81 0.00	218.98 5.71 0.00	56.82 1.17 0.00	35.50 0.75 0.00	37.25 0.84 0.00	35.41 0.79 0.00	32.49 0.68 0.00	29.02 0.57 0.00	27.69 0.54 0.00	28.18 0.54 0.00	27.00 0.56 0.00	31.25 0.68 0.00	51.25 1.16 0.00	100.13 2.16 0.00	74.77 1.62 0.00	47.02 0.97 0.00	41.20 0.72 0.00	43.14 0.62 0.00
DERFIELD_115KV_TB7 355931	45.50 -0.09 0.00	42.99 -0.06 0.00	40.11 -0.04 0.00	43.73 -0.03 0.00	43.97 -0.04 0.00	47.97 0.04 0.00	79.50 0.08 0.00	213.91 0.64 0.00	55.75 0.10 0.00	34.74 0.00 0.00	36.41 -0.01 0.00	34.58 -0.03 0.00	31.74 -0.07 0.00	28.39 -0.06 0.00	27.11 -0.04 0.00	27.61 -0.03 0.00	26.46 0.03 0.00	30.68 0.11 0.00	50.29 0.20 0.00	98.34 0.37 0.00	73.38 0.23 0.00	46.18 0.14 0.00	40.54 0.06 0.00	42.52 0.00 0.00
DOGLEVILLE___HYD 23807	44.79 -0.80 0.00	42.23 -0.81 0.00	39.17 -0.97 0.00	42.78 -0.99 0.00	42.99 -1.02 0.00	47.37 -0.55 0.00	78.45 -0.97 0.00	212.81 -0.46 0.00	54.73 -0.92 0.00	33.09 -1.65 0.00	34.37 -2.05 0.00	32.56 -2.06 0.00	29.86 -1.95 0.00	26.73 -1.71 0.00	25.52 -1.62 0.00	25.95 -1.69 0.00	25.15 -1.28 0.00	29.89 -0.67 0.00	50.31 0.22 0.00	98.83 0.86 0.00	73.50 0.35 0.00	46.33 0.28 0.00	40.63 0.16 0.00	42.51 -0.01 0.00
DUNKIRK___115KV_TB_200 55889	45.80 0.20 0.00	43.09 0.05 0.00	39.57 -0.58 0.00	43.09 -0.68 0.00	43.15 -0.87 0.00	46.58 -1.35 0.00	77.95 -1.47 0.00	207.04 -6.24 0.00	53.26 -2.39 0.00	33.32 -1.41 0.00	35.21 -1.20 0.00	33.78 -0.84 0.00	31.15 -0.67 0.00	27.85 -0.59 0.00	26.52 -0.62 0.00	26.71 -0.93 0.00	25.00 -1.43 0.00	28.69 -1.88 0.00	48.19 -1.90 0.00	95.25 -2.73 0.00	70.44 -2.71 0.00	42.98 -3.06 0.00	37.69 -2.79 0.00	39.64 -2.87 0.00
DUNKIRK___1 23563	45.80 0.20 0.00	43.09 0.05 0.00	39.57 -0.58 0.00	43.09 -0.68 0.00	43.15 -0.87 0.00	46.58 -1.35 0.00	77.95 -1.47 0.00	207.04 -6.24 0.00	53.26 -2.39 0.00	33.32 -1.41 0.00	35.21 -1.20 0.00	33.78 -0.84 0.00	31.15 -0.67 0.00	27.85 -0.59 0.00	26.52 -0.62 0.00	26.71 -0.93 0.00	25.00 -1.43 0.00	28.69 -1.88 0.00	48.19 -1.90 0.00	95.25 -2.73 0.00	70.44 -2.71 0.00	42.98 -3.06 0.00	37.69 -2.79 0.00	39.64 -2.87 0.00
DUNKIRK___2 23564	45.80 0.20 0.00	43.09 0.05 0.00	39.57 -0.58 0.00	43.09 -0.68 0.00	43.15 -0.87 0.00	46.58 -1.35 0.00	77.95 -1.47 0.00	207.04 -6.24 0.00	53.26 -2.39 0.00	33.32 -1.41 0.00	35.21 -1.20 0.00	33.78 -0.84 0.00	31.15 -0.67 0.00	27.85 -0.59 0.00	26.52 -0.62 0.00	26.71 -0.93 0.00	25.00 -1.43 0.00	28.69 -1.88 0.00	48.19 -1.90 0.00	95.25 -2.73 0.00	70.44 -2.71 0.00	42.98 -3.06 0.00	37.69 -2.79 0.00	39.64 -2.87 0.00
DUNKIRK___3 23565	45.51 -0.08 0.00	42.89 -0.15 0.00	39.44 -0.70 0.00	42.92 -0.85 0.00	43.02 -0.99 0.00	46.45 -1.48 0.00	77.65 -1.77 0.00	206.05 -7.22 0.00	53.10 -2.54 0.00	33.34 -1.40 0.00	35.19 -1.22 0.00	33.73 -0.89 0.00	31.11 -0.70 0.00	27.79 -0.66 0.00	26.44 -0.70 0.00	26.69 -0.95 0.00	24.99 -1.44 0.00	28.64 -1.93 0.00	47.96 -2.13 0.00	94.70 -3.27 0.00	70.10 -3.06 0.00	42.94 -3.10 0.00	37.68 -2.80 0.00	39.75 -2.77 0.00
DUNKIRK___4 23566	45.51 -0.08 0.00	42.89 -0.15 0.00	39.44 -0.70 0.00	42.92 -0.85 0.00	43.02 -0.99 0.00	46.45 -1.48 0.00	77.65 -1.77 0.00	206.05 -7.22 0.00	53.10 -2.54 0.00	33.34 -1.40 0.00	35.19 -1.22 0.00	33.73 -0.89 0.00	31.11 -0.70 0.00	27.79 -0.66 0.00	26.44 -0.70 0.00	26.69 -0.95 0.00	24.99 -1.44 0.00	28.64 -1.93 0.00	47.96 -2.13 0.00	94.70 -3.27 0.00	70.10 -3.06 0.00	42.94 -3.10 0.00	37.68 -2.80 0.00	39.75 -2.77 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	46.52 0.92 0.00	43.91 0.87 0.00	41.06 0.91 0.00	44.83 1.07 0.00	45.04 1.02 0.00	49.34 1.41 0.00	81.79 2.37 0.00	222.05 8.78 0.00	57.80 2.15 0.00	36.24 1.50 0.00	38.10 1.69 0.00	36.12 1.50 0.00	33.12 1.31 0.00	29.58 1.13 0.00	28.28 1.14 0.00	28.80 1.17 0.00	28.56 1.29 -0.83	32.04 1.47 0.00	52.12 2.03 0.00	101.88 3.90 0.00	76.26 3.11 0.00	48.17 2.12 0.00	42.27 1.79 0.00	43.96 1.44 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	46.32 0.73 0.00	43.72 0.67 0.00	40.86 0.71 0.00	44.63 0.86 0.00	44.83 0.82 0.00	49.11 1.18 0.00	81.57 2.15 0.00	221.30 8.03 0.00	57.54 1.89 0.00	35.88 1.14 0.00	37.63 1.22 0.00	35.68 1.06 0.00	32.69 0.88 0.00	29.20 0.76 0.00	27.93 0.79 0.00	28.46 0.82 0.00	27.04 0.94 0.34	31.71 1.14 0.00	51.80 1.71 0.00	101.36 3.39 0.00	75.88 2.73 0.00	47.86 1.82 0.00	41.97 1.49 0.00	43.70 1.18 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	46.54 0.95 0.00	43.96 0.91 -0.01	41.11 0.96 -0.01	44.89 1.12 -0.01	45.09 1.07 -0.01	49.35 1.42 0.00	81.86 2.44 0.00	223.11 9.84 0.00	58.02 2.37 0.00	36.35 1.60 0.00	38.24 1.84 0.01	36.29 1.67 -0.01	33.28 1.46 -0.01	29.73 1.28 -0.01	28.44 1.30 0.00	28.96 1.32 0.00	28.71 1.44 -0.83	32.17 1.60 -0.01	52.25 2.16 0.00	102.18 4.20 0.00	76.41 3.26 0.00	48.23 2.19 0.01	42.32 1.85 0.00	44.14 1.62 0.00
E179THST_13_KV_LOAD 356214	46.73 1.14 0.00	44.14 1.08 -0.01	41.26 1.10 -0.01	45.05 1.28 -0.01	45.25 1.22 -0.01	49.54 1.60 0.00	82.22 2.81 0.00	224.08 10.81 0.00	58.28 2.64 0.00	36.51 1.76 0.00	38.43 2.02 0.01	36.44 1.81 -0.01	33.43 1.61 -0.01	29.86 1.41 -0.01	28.56 1.42 0.00	29.09 1.45 0.00	28.84 1.57 -0.83	32.31 1.74 -0.01	52.50 2.41 0.00	102.67 4.69 0.00	76.77 3.62 0.00	48.45 2.41 0.01	42.51 2.03 0.00	44.31 1.79 0.00
EAST HAMPTON___GT 23717	44.44 -1.15 0.00	41.07 -1.98 0.00	38.82 -1.33 0.00	42.61 -1.16 0.00	42.47 -1.55 0.00	46.87 -1.05 0.00	76.62 -2.79 0.00	206.27 -3.01 4.00	54.32 -1.33 0.00	35.26 0.52 0.00	37.44 1.03 0.00	35.11 0.49 0.00	32.34 0.53 0.00	28.88 0.44 0.00	28.05 0.91 0.00	28.46 0.82 0.00	28.50 1.24 -0.84	30.64 0.07 0.00	48.97 -1.12 0.00	96.39 -1.58 0.00	72.52 -0.63 0.00	46.72 0.67 0.00	41.10 0.62 0.00	43.19 0.68 0.00
EAST RIVER___6 23660	46.72 1.13 0.00	44.09 1.04 0.00	41.20 1.06 0.00	45.00 1.23 0.00	45.21 1.19 0.00	49.54 1.61 0.00	82.11 2.69 0.00	223.13 9.85 0.00	58.10 2.45 0.00	36.47 1.72 0.00	38.40 1.99 0.00	36.42 1.80 0.00	33.39 1.57 0.00	29.81 1.36 0.00	28.51 1.36 0.00	29.03 1.39 0.00	28.76 1.50 -0.83	32.27 1.71 0.00	52.42 2.34 0.00	102.40 4.43 0.00	76.59 3.44 0.00	48.37 2.32 0.00	42.46 1.98 0.00	44.17 1.65 0.00
EAST RIVER___7 23524	46.72 1.13 0.00	44.09 1.04 0.00	41.20 1.06 0.00	45.00 1.23 0.00	45.21 1.19 0.00	49.54 1.61 0.00	82.11 2.69 0.00	223.13 9.85 0.00	58.10 2.45 0.00	36.47 1.72 0.00	38.40 1.99 0.00	36.42 1.80 0.00	33.39 1.57 0.00	29.81 1.36 0.00	28.51 1.36 0.00	29.03 1.39 0.00	28.76 1.50 -0.83	32.27 1.71 0.00	52.42 2.34 0.00	102.40 4.43 0.00	76.59 3.44 0.00	48.37 2.32 0.00	42.46 1.98 0.00	44.17 1.65 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	46.43 0.83 0.00	43.82 0.78 0.00	40.96 0.81 0.00	44.74 0.97 0.00	44.93 0.91 0.00	49.24 1.30 0.00	81.65 2.23 0.00	221.63 8.36 0.00	57.69 2.04 0.00	36.14 1.40 0.00	37.99 1.58 0.00	36.01 1.40 0.00	33.02 1.20 0.00	29.49 1.04 0.00	28.21 1.07 0.00	28.72 1.09 0.00	28.55 1.21 -0.90	31.95 1.38 0.00	52.01 1.92 0.00	101.66 3.68 0.00	76.10 2.95 0.00	48.05 2.01 0.00	42.16 1.68 0.00	43.88 1.36 0.00
EAST_HAMPTON___DIESEL 23722	44.30 -1.29 0.00	40.92 -2.13 0.00	38.68 -1.47 0.00	42.47 -1.30 0.00	42.31 -1.71 0.00	46.71 -1.22 0.00	76.35 -3.06 0.00	205.56 -3.71 4.00	54.14 -1.51 0.00	35.15 0.40 0.00	37.32 0.91 0.00	34.99 0.38 0.00	32.25 0.43 0.00	28.80 0.35 0.00	27.99 0.85 0.00	28.39 0.75 0.00	28.44 1.17 -0.84	30.55 -0.02 0.00	48.79 -1.30 0.00	96.08 -1.89 0.00	72.27 -0.89 0.00	46.58 0.53 0.00	40.98 0.50 0.00	43.09 0.58 0.00
EAST_POINT___SOLAR 323840	49.27 3.67 0.00	46.48 3.44 0.00	42.92 2.78 0.00	46.80 3.03 0.00	47.19 3.17 0.00	51.83 3.90 0.00	86.74 7.32 0.00	232.41 19.14 0.00	58.14 2.49 0.00	35.09 0.35 0.00	36.63 0.22 0.00	34.83 0.21 0.00	31.97 0.16 0.00	28.55 0.10 0.00	27.22 0.07 0.00	27.76 0.11 0.00	26.58 0.15 0.00	31.30 0.73 0.00	52.97 2.88 0.00	104.72 6.74 0.00	78.25 5.10 0.00	48.92 2.87 0.00	42.73 2.26 0.00	44.79 2.27 0.00
EAST_PULASKI___ESR 323781	45.02 -0.58 0.00	42.59 -0.46 0.00	39.71 -0.44 0.00	43.27 -0.50 0.00	43.49 -0.53 0.00	47.28 -0.65 0.00	78.72 -0.70 0.00	211.30 -1.97 0.00	54.72 -0.93 0.00	33.89 -0.85 0.00	35.34 -1.08 0.00	33.56 -1.06 0.00	30.81 -1.00 0.00	27.58 -0.87 0.00	26.26 -0.89 0.00	26.74 -0.90 0.00	25.49 -0.94 0.00	29.68 -0.89 0.00	49.06 -1.03 0.00	96.38 -1.59 0.00	71.68 -1.47 0.00	44.77 -1.28 0.00	39.18 -1.30 0.00	41.24 -1.28 0.00
EAST_RIVER___1 323558	46.65 1.05 0.00	44.02 0.98 0.00	41.14 1.00 0.00	44.94 1.17 0.00	45.15 1.13 0.00	49.47 1.54 0.00	82.02 2.61 0.00	222.97 9.70 0.00	58.02 2.37 0.00	36.40 1.66 0.00	38.33 1.92 0.00	36.36 1.75 0.00	33.33 1.52 0.00	29.76 1.31 0.00	28.46 1.31 0.00	28.98 1.34 0.00	28.72 1.45 -0.83	32.22 1.65 0.00	52.35 2.26 0.00	102.28 4.31 0.00	76.51 3.36 0.00	48.31 2.26 0.00	42.40 1.92 0.00	44.09 1.57 0.00
EAST_RIVER___2 323559	46.72 1.13 0.00	44.09 1.04 0.00	41.20 1.06 0.00	45.00 1.23 0.00	45.21 1.19 0.00	49.54 1.61 0.00	82.11 2.69 0.00	223.13 9.85 0.00	58.10 2.45 0.00	36.47 1.72 0.00	38.40 1.99 0.00	36.42 1.80 0.00	33.39 1.57 0.00	29.81 1.36 0.00	28.51 1.36 0.00	29.03 1.39 0.00	28.76 1.50 -0.83	32.27 1.71 0.00	52.42 2.34 0.00	102.40 4.43 0.00	76.59 3.44 0.00	48.37 2.32 0.00	42.46 1.98 0.00	44.17 1.65 0.00
EAST___DELAWARE_HYD 23607	46.51 0.92 0.00	43.90 0.86 0.00	41.02 0.87 0.00	44.81 1.04 0.00	45.05 1.04 0.00	49.31 1.38 0.00	82.07 2.65 0.00	222.41 9.14 0.00	57.73 2.08 0.00	35.87 1.13 0.00	37.55 1.15 0.00	35.53 0.92 0.00	32.55 0.73 0.00	29.05 0.61 0.00	27.79 0.64 0.00	28.32 0.69 0.00	27.27 0.83 0.00	31.68 1.11 0.00	51.96 1.87 0.00	101.89 3.92 0.00	76.18 3.03 0.00	47.99 1.95 0.00	42.04 1.56 0.00	43.75 1.23 0.00
EIGHT_POINT___WT_PWR 323820	44.64 -0.95 0.00	42.94 -0.11 0.00	39.97 -0.18 0.00	43.24 -0.53 0.00	43.08 -0.93 0.00	47.04 -0.89 0.00	78.84 -0.57 0.00	209.30 -3.98 0.00	53.49 -2.15 0.00	32.81 -1.93 0.00	34.41 -2.00 0.00	32.85 -1.76 0.00	30.12 -1.69 0.00	26.61 -1.84 0.00	25.03 -2.11 0.00	25.45 -2.18 0.00	24.24 -2.19 0.00	28.32 -2.25 0.00	48.12 -1.97 0.00	94.73 -3.24 0.00	69.93 -3.22 0.00	42.71 -3.33 0.00	37.02 -3.46 0.00	38.76 -3.75 0.00
ELBRIDGE_115KV_TB2 80188	44.89 -0.70 0.00	42.46 -0.58 0.00	39.59 -0.56 0.00	43.15 -0.62 0.00	43.31 -0.71 0.00	46.93 -1.00 0.00	78.03 -1.38 0.00	209.44 -3.83 0.00	54.45 -1.20 0.00	33.97 -0.77 0.00	35.60 -0.81 0.00	33.90 -0.72 0.00	31.19 -0.62 0.00	27.90 -0.55 0.00	26.57 -0.58 0.00	27.04 -0.60 0.00	25.78 -0.66 0.00	29.77 -0.79 0.00	48.99 -1.10 0.00	96.15 -1.83 0.00	71.66 -1.49 0.00	44.94 -1.11 0.00	39.42 -1.07 0.00	41.42 -1.09 0.00
ELEC_TRO_TEK 24086	46.52 0.92 0.00	43.79 0.74 0.00	41.01 0.86 0.00	44.76 0.98 0.00	44.89 0.88 0.00	49.28 1.35 0.00	81.24 1.82 0.00	220.29 7.38 0.36	57.50 1.85 0.00	36.37 1.63 0.00	38.34 1.93 0.00	36.25 1.63 0.00	33.23 1.42 0.00	29.68 1.23 0.00	28.43 1.29 0.00	28.96 1.32 0.00	28.79 1.52 -0.84	32.08 1.51 0.00	52.02 1.94 0.00	101.66 3.69 0.00	76.19 3.04 0.00	48.31 2.26 0.00	42.39 1.91 0.00	44.17 1.65 0.00

ELLENBURG_WT_PWR 323604	47.12 1.53 0.00	44.44 1.39 0.00	41.58 1.43 0.00	45.33 1.56 0.00	45.76 1.75 0.00	49.61 1.68 0.00	81.88 2.46 0.00	220.01 6.74 0.00	57.54 1.89 0.00	35.77 1.03 0.00	37.43 1.02 0.00	35.43 0.81 0.00	32.60 0.79 0.00	29.21 0.76 0.00	27.78 0.64 0.00	28.28 0.64 0.00	26.96 0.52 0.00	31.21 0.64 0.00	51.06 0.97 0.00	100.02 2.05 0.00	74.88 1.73 0.00	47.36 1.31 0.00	41.76 1.28 0.00	43.94 1.42 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	44.74 -0.85 0.00	42.41 -0.63 0.00	39.06 -1.09 0.00	42.30 -1.47 0.00	42.51 -1.51 0.00	45.90 -2.03 0.00	76.50 -2.92 0.00	201.74 -11.54 0.00	52.54 -3.10 0.00	33.38 -1.36 0.00	35.04 -1.37 0.00	33.48 -1.14 0.00	30.92 -0.89 0.00	27.52 -0.93 0.00	26.10 -1.05 0.00	26.52 -1.12 0.00	24.80 -1.63 0.00	28.26 -2.31 0.00	46.93 -3.16 0.00	92.36 -5.61 0.00	68.53 -4.63 0.00	42.50 -3.55 0.00	37.32 -3.16 0.00	39.75 -2.77 0.00
EMPIRE_CC_1 323656	45.32 -0.27 0.00	43.02 -0.03 0.00	40.23 0.08 0.00	43.79 0.03 0.00	44.03 0.02 0.00	48.17 0.24 0.00	79.20 -0.22 0.00	213.48 0.21 0.00	56.06 0.42 0.00	34.99 0.25 0.00	36.76 0.34 0.00	34.95 0.33 0.00	32.11 0.30 0.00	28.72 0.27 0.00	27.48 0.34 0.00	28.03 0.39 0.00	26.97 0.53 0.00	31.22 0.65 0.00	50.79 0.70 0.00	98.78 0.81 0.00	73.89 0.74 0.00	46.84 0.80 0.00	41.17 0.70 0.00	43.23 0.72 0.00
EMPIRE_CC_2 323658	45.32 -0.27 0.00	43.02 -0.03 0.00	40.23 0.08 0.00	43.79 0.03 0.00	44.03 0.02 0.00	48.17 0.24 0.00	79.20 -0.22 0.00	213.48 0.21 0.00	56.06 0.42 0.00	34.99 0.25 0.00	36.76 0.34 0.00	34.95 0.33 0.00	32.11 0.30 0.00	28.72 0.27 0.00	27.48 0.34 0.00	28.03 0.39 0.00	26.97 0.53 0.00	31.22 0.65 0.00	50.79 0.70 0.00	98.78 0.81 0.00	73.89 0.74 0.00	46.84 0.80 0.00	41.17 0.70 0.00	43.23 0.72 0.00
ENORWICH_115KV_TB1 80156	47.88 2.29 0.00	45.13 2.09 0.00	42.34 2.19 0.00	46.42 2.65 0.00	46.57 2.56 0.00	50.78 2.85 0.00	85.56 6.14 0.00	232.52 19.25 0.00	59.60 3.95 0.00	36.58 1.84 0.00	37.94 1.52 0.00	36.36 1.75 0.00	33.35 1.54 0.00	29.49 1.04 0.00	28.15 1.01 0.00	28.63 0.99 0.00	27.29 0.86 0.00	31.88 1.31 0.00	53.38 3.29 0.00	105.19 7.21 0.00	78.03 4.87 0.00	48.27 2.23 0.00	41.81 1.33 0.00	43.80 1.28 0.00
ERIE_ST_34_KV_TB1-2 80199	45.33 -0.26 0.00	42.92 -0.13 0.00	39.57 -0.57 0.00	42.91 -0.86 0.00	43.12 -0.90 0.00	46.59 -1.34 0.00	77.79 -1.63 0.00	205.77 -7.50 0.00	53.50 -2.15 0.00	33.91 -0.83 0.00	35.58 -0.83 0.00	33.97 -0.65 0.00	31.40 -0.41 0.00	27.86 -0.59 0.00	26.40 -0.74 0.00	26.83 -0.81 0.00	25.10 -1.34 0.00	28.65 -1.92 0.00	47.69 -2.39 0.00	93.92 -4.05 0.00	69.70 -3.46 0.00	43.18 -2.86 0.00	37.86 -2.62 0.00	40.29 -2.22 0.00
ERIE_WT_PWR 323693	45.10 -0.49 0.00	42.74 -0.30 0.00	39.37 -0.78 0.00	42.63 -1.14 0.00	42.85 -1.17 0.00	46.26 -1.67 0.00	77.16 -2.25 0.00	203.63 -9.64 0.00	52.99 -2.66 0.00	33.64 -1.10 0.00	35.29 -1.12 0.00	33.71 -0.91 0.00	31.16 -0.65 0.00	27.68 -0.77 0.00	26.24 -0.91 0.00	26.67 -0.97 0.00	24.94 -1.49 0.00	28.45 -2.12 0.00	47.31 -2.78 0.00	93.15 -4.82 0.00	69.07 -4.08 0.00	42.87 -3.18 0.00	37.58 -2.90 0.00	40.04 -2.48 0.00
ESPRGFLD_115KV_TB1 80157	47.97 2.38 0.00	45.29 2.24 0.00	42.29 2.15 0.00	46.12 2.36 0.00	46.44 2.43 0.00	50.77 2.84 0.00	84.89 5.47 0.00	227.80 14.53 0.00	58.39 2.74 0.00	36.28 1.54 0.00	38.01 1.60 0.00	36.21 1.59 0.00	33.22 1.41 0.00	29.65 1.20 0.00	28.25 1.10 0.00	28.74 1.11 0.00	27.42 0.98 0.00	31.70 1.13 0.00	52.27 2.18 0.00	102.66 4.69 0.00	76.60 3.45 0.00	47.83 1.79 0.00	41.73 1.25 0.00	43.76 1.24 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	46.08 0.49 0.00	43.50 0.46 0.00	40.56 0.41 0.00	44.24 0.47 0.00	44.42 0.40 0.00	48.31 0.38 0.00	80.55 1.13 0.00	216.69 3.42 0.00	56.05 0.40 0.00	34.73 -0.01 0.00	36.23 -0.19 0.00	34.45 -0.16 0.00	31.65 -0.16 0.00	28.23 -0.21 0.00	26.90 -0.24 0.00	27.36 -0.28 0.00	26.11 -0.33 0.00	30.32 -0.25 0.00	50.29 0.20 0.00	99.01 1.04 0.00	73.76 0.61 0.00	46.10 0.05 0.00	40.36 -0.12 0.00	42.33 -0.19 0.00
ETNA____115KV_TB2 80207	46.08 0.49 0.00	43.50 0.46 0.00	40.56 0.41 0.00	44.24 0.47 0.00	44.42 0.40 0.00	48.31 0.38 0.00	80.55 1.13 0.00	216.69 3.42 0.00	56.05 0.40 0.00	34.73 -0.01 0.00	36.23 -0.19 0.00	34.45 -0.16 0.00	31.65 -0.16 0.00	28.23 -0.21 0.00	26.90 -0.24 0.00	27.36 -0.28 0.00	26.11 -0.33 0.00	30.32 -0.25 0.00	50.29 0.20 0.00	99.01 1.04 0.00	73.76 0.61 0.00	46.10 0.05 0.00	40.36 -0.12 0.00	42.33 -0.19 0.00
EUCLID____115KV_TB2 356179	44.71 -0.88 0.00	42.25 -0.80 0.00	39.38 -0.77 0.00	42.90 -0.87 0.00	43.05 -0.97 0.00	46.64 -1.29 0.00	77.53 -1.89 0.00	208.30 -4.97 0.00	54.14 -1.51 0.00	33.80 -0.95 0.00	35.43 -0.98 0.00	33.79 -0.83 0.00	31.09 -0.72 0.00	27.80 -0.65 0.00	26.50 -0.65 0.00	26.97 -0.67 0.00	25.68 -0.76 0.00	29.63 -0.94 0.00	48.72 -1.37 0.00	95.47 -2.50 0.00	71.18 -1.97 0.00	44.64 -1.41 0.00	39.14 -1.34 0.00	41.24 -1.28 0.00
E_CANADA_CAP_HY 24051	48.43 2.84 0.00	45.75 2.70 0.00	42.63 2.48 0.00	46.46 2.70 0.00	46.84 2.83 0.00	51.36 3.43 0.00	85.90 6.49 0.00	229.96 16.68 0.00	58.52 2.87 0.00	36.03 1.29 0.00	37.69 1.28 0.00	35.90 1.29 0.00	32.95 1.14 0.00	29.41 0.96 0.00	28.04 0.90 0.00	28.58 0.94 0.00	27.26 0.83 0.00	31.62 1.05 0.00	52.43 2.34 0.00	103.33 5.36 0.00	77.13 3.98 0.00	48.16 2.11 0.00	42.06 1.58 0.00	44.17 1.65 0.00
E_CANADA_MHWK_HY 24050	44.79 -0.80 0.00	42.23 -0.81 0.00	39.17 -0.97 0.00	42.78 -0.99 0.00	42.99 -1.02 0.00	47.37 -0.55 0.00	78.45 -0.97 0.00	212.81 -0.46 0.00	54.73 -0.92 0.00	33.09 -1.65 0.00	34.37 -2.05 0.00	32.56 -2.06 0.00	29.86 -1.95 0.00	26.73 -1.71 0.00	25.52 -1.62 0.00	25.95 -1.69 0.00	25.15 -1.28 0.00	29.89 -0.67 0.00	50.31 0.22 0.00	98.83 0.86 0.00	73.50 0.35 0.00	46.33 0.28 0.00	40.63 0.16 0.00	42.51 -0.01 0.00
E_FISHKILL____LBMP 23776	46.16 0.56 0.00	43.58 0.54 0.00	40.75 0.60 0.00	44.48 0.72 0.00	44.69 0.68 0.00	48.94 1.01 0.00	81.12 1.71 0.00	219.91 6.63 0.00	57.29 1.64 0.00	35.86 1.12 0.00	37.67 1.26 0.00	35.71 1.09 0.00	32.75 0.94 0.00	29.26 0.81 0.00	27.99 0.85 0.00	28.51 0.87 0.00	27.43 1.00 0.00	31.73 1.16 0.00	51.69 1.60 0.00	101.02 3.05 0.00	75.60 2.44 0.00	47.75 1.70 0.00	41.89 1.42 0.00	43.67 1.15 0.00
FALCON____SEABRD_CC1 323796	47.98 2.38 0.00	45.26 2.22 0.00	42.49 2.34 0.00	46.32 2.55 0.00	46.74 2.72 0.00	50.43 2.50 0.00	82.84 3.42 0.00	224.36 11.09 0.00	58.78 3.13 0.00	36.42 1.68 0.00	38.18 1.76 0.00	36.04 1.43 0.00	33.15 1.34 0.00	29.76 1.31 0.00	28.31 1.17 0.00	28.84 1.21 0.00	27.47 1.04 0.00	31.85 1.28 0.00	51.95 1.87 0.00	101.76 3.78 0.00	76.31 3.16 0.00	48.55 2.51 0.00	42.62 2.14 0.00	44.81 2.29 0.00

FALCON___SEABRD_CC2 323797	47.98 2.38 0.00	45.26 2.22 0.00	42.49 2.34 0.00	46.32 2.55 0.00	46.74 2.72 0.00	50.43 2.50 0.00	82.84 3.42 0.00	224.36 11.09 0.00	58.78 3.13 0.00	36.42 1.68 0.00	38.18 1.76 0.00	36.04 1.43 0.00	33.15 1.34 0.00	29.76 1.31 0.00	28.31 1.17 0.00	28.84 1.21 0.00	27.47 1.04 0.00	31.85 1.28 0.00	51.95 1.87 0.00	101.76 3.78 0.00	76.31 3.16 0.00	48.55 2.51 0.00	42.62 2.14 0.00	44.81 2.29 0.00
FAR ROCKAWAY___4 23548	47.08 1.49 0.00	44.33 1.28 0.00	41.50 1.35 0.00	45.28 1.51 0.00	45.43 1.41 0.00	49.87 1.94 0.00	82.07 2.65 0.00	227.11 8.58 -5.26	57.97 2.33 0.00	36.79 2.05 0.00	38.75 2.34 0.00	36.65 2.04 0.00	33.59 1.78 0.00	30.01 1.57 0.00	28.74 1.60 0.00	29.27 1.63 0.00	29.08 1.81 -0.84	32.42 1.85 0.00	52.63 2.54 0.00	102.94 4.97 0.00	77.17 4.02 0.00	48.91 2.87 0.00	42.86 2.38 0.00	44.67 2.15 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	46.60 1.00 0.00	43.98 0.94 0.00	41.12 0.97 0.00	44.91 1.14 0.00	45.12 1.10 0.00	49.42 1.49 0.00	81.95 2.53 0.00	222.72 9.45 0.00	57.98 2.33 0.00	36.36 1.62 0.00	38.28 1.86 0.00	36.31 1.69 0.00	33.28 1.46 0.00	29.71 1.27 0.00	28.41 1.27 0.00	28.94 1.30 0.00	28.68 1.41 -0.83	32.17 1.61 0.00	52.27 2.18 0.00	102.14 4.17 0.00	76.44 3.29 0.00	48.26 2.21 0.00	42.35 1.87 0.00	44.06 1.54 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	46.69 1.10 0.00	44.05 1.00 0.00	41.17 1.02 0.00	44.97 1.20 0.00	45.18 1.16 0.00	49.51 1.58 0.00	82.10 2.69 0.00	223.13 9.86 0.00	58.07 2.42 0.00	36.42 1.68 0.00	38.34 1.93 0.00	36.36 1.75 0.00	33.33 1.52 0.00	29.76 1.32 0.00	28.46 1.31 0.00	28.98 1.34 0.00	28.72 1.46 -0.83	32.22 1.66 0.00	52.35 2.26 0.00	102.34 4.37 0.00	76.57 3.42 0.00	48.34 2.29 0.00	42.42 1.94 0.00	44.14 1.62 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	46.64 1.05 0.00	44.01 0.96 0.00	41.14 0.99 0.00	44.93 1.16 0.00	45.13 1.12 0.00	49.47 1.54 0.00	82.02 2.61 0.00	222.92 9.65 0.00	58.02 2.38 0.00	36.40 1.66 0.00	38.32 1.91 0.00	36.34 1.73 0.00	33.31 1.49 0.00	29.74 1.30 0.00	28.43 1.29 0.00	28.96 1.32 0.00	28.70 1.44 -0.83	32.20 1.63 0.00	52.32 2.23 0.00	102.24 4.27 0.00	76.49 3.34 0.00	48.29 2.24 0.00	42.37 1.90 0.00	44.09 1.57 0.00
FARRAGUT___LBMP 323566	46.60 1.00 0.00	43.98 0.94 0.00	41.12 0.97 0.00	44.91 1.14 0.00	45.12 1.10 0.00	49.42 1.49 0.00	81.95 2.53 0.00	222.72 9.45 0.00	57.98 2.33 0.00	36.36 1.62 0.00	38.28 1.86 0.00	36.31 1.69 0.00	33.28 1.46 0.00	29.71 1.27 0.00	28.41 1.27 0.00	28.94 1.30 0.00	28.68 1.41 -0.83	32.17 1.61 0.00	52.27 2.18 0.00	102.14 4.17 0.00	76.44 3.29 0.00	48.26 2.21 0.00	42.35 1.87 0.00	44.06 1.54 0.00
FENNER___WINDPWR 24204	46.18 0.59 0.00	43.63 0.59 0.00	40.70 0.55 0.00	44.39 0.62 0.00	44.63 0.62 0.00	48.65 0.72 0.00	80.98 1.57 0.00	217.88 4.61 0.00	56.48 0.83 0.00	34.97 0.23 0.00	36.52 0.10 0.00	34.67 0.06 0.00	31.82 0.01 0.00	28.44 -0.01 0.00	27.11 -0.04 0.00	27.59 -0.05 0.00	26.41 -0.03 0.00	30.69 0.12 0.00	50.74 0.65 0.00	99.58 1.61 0.00	74.07 0.92 0.00	46.30 0.26 0.00	40.54 0.07 0.00	42.53 0.01 0.00
FIBERTEK___ENERGY 23856	45.12 -0.47 0.00	42.64 -0.40 0.00	39.75 -0.40 0.00	43.31 -0.46 0.00	43.49 -0.53 0.00	47.17 -0.76 0.00	78.41 -1.01 0.00	210.61 -2.67 0.00	54.71 -0.93 0.00	34.12 -0.62 0.00	35.76 -0.65 0.00	34.08 -0.53 0.00	31.35 -0.46 0.00	28.02 -0.42 0.00	26.71 -0.44 0.00	27.18 -0.46 0.00	25.91 -0.53 0.00	29.94 -0.63 0.00	49.31 -0.78 0.00	96.70 -1.27 0.00	72.08 -1.07 0.00	45.19 -0.86 0.00	39.61 -0.87 0.00	41.65 -0.86 0.00
FITZPATRICK____ 23598	44.12 -1.47 0.00	41.69 -1.35 0.00	38.90 -1.25 0.00	42.38 -1.39 0.00	42.53 -1.49 0.00	46.15 -1.78 0.00	76.60 -2.81 0.00	205.33 -7.94 0.00	53.52 -2.13 0.00	33.46 -1.28 0.00	35.10 -1.31 0.00	33.48 -1.14 0.00	30.82 -1.00 0.00	27.55 -0.89 0.00	26.28 -0.87 0.00	26.74 -0.89 0.00	25.47 -0.96 0.00	29.37 -1.20 0.00	48.18 -1.91 0.00	94.40 -3.57 0.00	70.41 -2.75 0.00	44.20 -1.85 0.00	38.80 -1.68 0.00	40.89 -1.63 0.00
FLOWRFLD_69_KV_BK1 356044	46.39 0.79 0.00	43.41 0.37 0.00	40.80 0.65 0.00	44.54 0.77 0.00	44.62 0.61 0.00	49.13 1.20 0.00	80.51 1.10 0.00	215.73 6.44 3.98	56.95 1.31 0.00	36.57 1.83 0.00	38.62 2.21 0.00	36.34 1.73 0.00	33.32 1.51 0.00	29.73 1.29 0.00	28.58 1.44 0.00	29.10 1.46 0.00	29.05 1.78 -0.84	32.07 1.50 0.00	51.61 1.53 0.00	100.83 2.86 0.00	75.82 2.67 0.00	48.41 2.37 0.00	42.52 2.04 0.00	44.24 1.72 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	46.73 1.14 0.00	44.11 1.06 0.00	41.22 1.07 0.00	45.01 1.24 0.00	45.23 1.21 0.00	49.56 1.64 0.00	82.34 2.93 0.00	223.81 10.53 0.00	58.20 2.55 0.00	36.32 1.58 0.00	38.08 1.67 0.00	36.07 1.46 0.00	33.06 1.24 0.00	29.53 1.09 0.00	28.24 1.10 0.00	28.78 1.14 0.00	27.72 1.29 0.00	32.13 1.56 0.00	52.47 2.39 0.00	102.63 4.66 0.00	76.80 3.65 0.00	48.44 2.40 0.00	42.45 1.97 0.00	44.22 1.70 0.00
FORT ORANGE____ 23900	45.79 0.20 0.00	43.33 0.28 0.00	40.48 0.33 0.00	44.13 0.36 0.00	44.38 0.37 0.00	48.62 0.69 0.00	80.33 0.92 0.00	216.78 3.51 0.00	56.66 1.02 0.00	35.20 0.46 0.00	36.85 0.44 0.00	34.97 0.35 0.00	32.15 0.33 0.00	28.77 0.33 0.00	27.50 0.36 0.00	28.04 0.40 0.00	26.98 0.55 0.00	31.31 0.74 0.00	51.19 1.10 0.00	99.97 2.00 0.00	74.68 1.52 0.00	47.18 1.13 0.00	41.51 1.03 0.00	43.64 1.12 0.00
FORT_DRUM_COGEN 23780	46.94 1.35 0.00	44.53 1.49 0.00	41.51 1.36 0.00	45.30 1.53 0.00	45.68 1.67 0.00	49.93 2.00 0.00	83.54 4.12 0.00	224.17 10.90 0.00	57.48 1.83 0.00	34.92 0.18 0.00	35.92 -0.49 0.00	33.72 -0.89 0.00	30.79 -1.02 0.00	27.62 -0.83 0.00	26.21 -0.93 0.00	26.74 -0.90 0.00	25.54 -0.90 0.00	30.42 -0.15 0.00	51.03 0.94 0.00	100.67 2.70 0.00	74.42 1.27 0.00	45.96 -0.09 0.00	40.03 -0.45 0.00	42.04 -0.49 0.00
FOX_HILLS___ESR 323835	50.24 1.41 -3.24	49.48 1.35 -5.09	49.30 1.33 -7.82	49.30 1.55 -3.99	49.32 1.50 -3.81	52.16 1.86 -2.37	84.13 2.98 -1.73	224.28 11.00 -0.01	96.25 2.80 -37.80	50.46 1.90 -13.81	50.63 2.11 -12.11	49.92 1.93 -13.37	49.47 1.74 -15.92	49.09 1.51 -19.13	49.08 1.52 -20.42	49.08 1.54 -19.91	49.90 1.67 -21.80	53.14 1.89 -20.68	62.48 2.59 -9.79	102.79 4.81 0.00	78.77 3.67 -1.96	80.92 2.57 -32.30	58.94 2.24 -16.21	54.04 1.95 -9.57
FPL FAR_ROCK_GT1 24212	47.08 1.49 0.00	44.33 1.28 0.00	41.49 1.35 0.00	45.28 1.52 0.00	45.43 1.41 0.00	49.87 1.94 0.00	82.07 2.65 0.00	227.04 8.51 -5.26	57.97 2.32 0.00	36.80 2.06 0.00	38.75 2.34 0.00	36.65 2.04 0.00	33.59 1.77 0.00	30.01 1.56 0.00	28.74 1.60 0.00	29.27 1.63 0.00	29.08 1.81 -0.84	32.43 1.86 0.00	52.63 2.54 0.00	102.94 4.97 0.00	77.17 4.02 0.00	48.91 2.87 0.00	42.86 2.38 0.00	44.67 2.15 0.00

FPL FAR_ROCK_GT2 23815	47.08 1.49 0.00	44.33 1.28 0.00	41.49 1.35 0.00	45.28 1.52 0.00	45.43 1.41 0.00	49.87 1.94 0.00	82.07 2.65 0.00	227.04 8.51 -5.26	57.97 2.32 0.00	36.80 2.06 0.00	38.75 2.34 0.00	36.65 2.04 0.00	33.59 1.77 0.00	30.01 1.56 0.00	28.74 1.60 0.00	29.27 1.63 0.00	29.08 1.81 -0.84	32.43 1.86 0.00	52.63 2.54 0.00	102.94 4.97 0.00	77.17 4.02 0.00	48.91 2.87 0.00	42.86 2.38 0.00	44.67 2.15 0.00
FRANKLIN_FALL_HYD 24054	47.63 2.04 0.00	44.86 1.81 0.00	41.92 1.77 0.00	45.66 1.89 0.00	46.18 2.17 0.00	50.18 2.26 0.00	83.17 3.75 0.00	223.03 9.76 0.00	58.20 2.56 0.00	36.08 1.33 0.00	37.57 1.15 0.00	35.50 0.89 0.00	32.62 0.81 0.00	29.15 0.71 0.00	27.70 0.56 0.00	28.18 0.54 0.00	26.86 0.43 0.00	31.15 0.58 0.00	51.22 1.13 0.00	100.73 2.76 0.00	75.35 2.20 0.00	47.51 1.46 0.00	41.92 1.44 0.00	44.12 1.60 0.00
FREEPORT_EQUS_GT1 23764	46.66 1.07 0.00	43.89 0.85 0.00	41.11 0.96 0.00	44.87 1.10 0.00	44.95 0.93 0.00	49.40 1.47 0.00	81.34 1.92 0.00	219.05 7.67 1.90	57.57 1.92 0.00	36.50 1.76 0.00	38.46 2.05 0.00	36.32 1.70 0.00	33.29 1.47 0.00	29.73 1.28 0.00	28.49 1.35 0.00	29.02 1.38 0.00	28.88 1.61 -0.84	32.16 1.59 0.00	52.16 2.07 0.00	101.88 3.91 0.00	76.43 3.28 0.00	48.50 2.46 0.00	42.54 2.06 0.00	44.33 1.81 0.00
FREEPORT___CT2 23818	46.66 1.07 0.00	43.89 0.85 0.00	41.11 0.96 0.00	44.87 1.10 0.00	44.95 0.93 0.00	49.40 1.47 0.00	81.34 1.92 0.00	219.05 7.67 1.90	57.57 1.92 0.00	36.50 1.76 0.00	38.46 2.05 0.00	36.32 1.70 0.00	33.29 1.47 0.00	29.73 1.28 0.00	28.49 1.35 0.00	29.02 1.38 0.00	28.88 1.61 -0.84	32.16 1.59 0.00	52.16 2.07 0.00	101.88 3.91 0.00	76.43 3.28 0.00	48.50 2.46 0.00	42.54 2.06 0.00	44.33 1.81 0.00
FRESHKLS_33_KV_LOAD 356253	50.22 1.40 -3.24	49.45 1.32 -5.09	49.28 1.31 -7.82	49.29 1.53 -3.99	49.29 1.47 -3.81	52.09 1.79 -2.37	83.98 2.83 -1.73	223.98 10.70 -0.01	96.22 2.76 -37.80	50.43 1.88 -13.81	50.57 2.05 -12.11	49.86 1.87 -13.37	49.43 1.70 -15.92	49.06 1.48 -19.13	49.06 1.50 -20.42	49.06 1.51 -19.91	49.88 1.65 -21.80	53.12 1.87 -20.68	62.42 2.53 -9.79	102.60 4.63 0.00	78.63 3.53 -1.96	80.87 2.52 -32.30	58.90 2.21 -16.21	53.99 1.91 -9.57
FULTON COGEN____ 23766	44.46 -1.14 0.00	42.00 -1.04 0.00	39.17 -0.98 0.00	42.68 -1.09 0.00	42.85 -1.17 0.00	46.51 -1.42 0.00	77.28 -2.14 0.00	207.46 -5.82 0.00	53.93 -1.72 0.00	33.65 -1.09 0.00	35.24 -1.17 0.00	33.60 -1.02 0.00	30.93 -0.89 0.00	27.64 -0.81 0.00	26.34 -0.80 0.00	26.82 -0.82 0.00	25.56 -0.88 0.00	29.53 -1.04 0.00	48.56 -1.53 0.00	95.20 -2.77 0.00	70.98 -2.17 0.00	44.51 -1.53 0.00	39.01 -1.46 0.00	41.11 -1.41 0.00
FULTON___LFGE 323630	48.43 2.84 0.00	45.71 2.66 0.00	42.44 2.29 0.00	46.24 2.47 0.00	46.61 2.59 0.00	51.21 3.29 0.00	85.45 6.04 0.00	229.27 15.99 0.00	58.06 2.41 0.00	35.31 0.56 0.00	36.77 0.35 0.00	34.98 0.37 0.00	32.13 0.31 0.00	28.68 0.23 0.00	27.36 0.21 0.00	27.87 0.23 0.00	26.73 0.30 0.00	31.35 0.78 0.00	52.54 2.45 0.00	103.66 5.69 0.00	77.43 4.28 0.00	48.51 2.46 0.00	42.42 1.94 0.00	44.46 1.94 0.00
G.F.CEMENT___DRP 24184	47.09 1.49 0.00	44.45 1.41 0.00	41.48 1.33 0.00	45.30 1.53 0.00	45.58 1.56 0.00	50.14 2.21 0.00	82.98 3.56 0.00	224.17 10.90 0.00	58.57 2.92 0.00	36.00 1.26 0.00	37.54 1.13 0.00	35.37 0.75 0.00	32.44 0.62 0.00	29.02 0.58 0.00	27.73 0.58 0.00	28.31 0.68 0.00	27.40 0.96 0.00	31.87 1.30 0.00	52.44 2.36 0.00	102.71 4.74 0.00	76.74 3.59 0.00	48.34 2.30 0.00	42.26 1.78 0.00	44.42 1.90 0.00
GARDENVILLE___LBMP 24039	44.93 -0.66 0.00	42.57 -0.47 0.00	39.21 -0.94 0.00	42.48 -1.29 0.00	42.68 -1.34 0.00	46.10 -1.84 0.00	76.86 -2.56 0.00	202.80 -10.47 0.00	52.77 -2.88 0.00	33.48 -1.26 0.00	35.16 -1.26 0.00	33.60 -1.02 0.00	31.03 -0.78 0.00	27.60 -0.85 0.00	26.18 -0.97 0.00	26.59 -1.05 0.00	24.87 -1.57 0.00	28.37 -2.20 0.00	47.15 -2.94 0.00	92.83 -5.14 0.00	68.85 -4.30 0.00	42.67 -3.38 0.00	37.45 -3.03 0.00	39.86 -2.66 0.00
GARDNVLA_35_KV_LD 355827	45.20 -0.40 0.00	42.83 -0.22 0.00	39.45 -0.70 0.00	42.70 -1.07 0.00	42.91 -1.11 0.00	46.36 -1.57 0.00	77.33 -2.09 0.00	204.16 -9.11 0.00	53.15 -2.50 0.00	33.76 -0.98 0.00	35.42 -0.99 0.00	33.84 -0.78 0.00	31.25 -0.56 0.00	27.76 -0.68 0.00	26.33 -0.82 0.00	26.76 -0.88 0.00	25.02 -1.42 0.00	28.53 -2.04 0.00	47.43 -2.66 0.00	93.36 -4.61 0.00	69.25 -3.90 0.00	42.96 -3.09 0.00	37.68 -2.80 0.00	40.12 -2.40 0.00
GELCKHM___115KV_LOAD 80723	44.84 -0.75 0.00	42.38 -0.67 0.00	39.50 -0.65 0.00	43.02 -0.74 0.00	43.18 -0.83 0.00	46.82 -1.11 0.00	77.82 -1.60 0.00	209.03 -4.24 0.00	54.32 -1.32 0.00	33.90 -0.84 0.00	35.53 -0.88 0.00	33.88 -0.73 0.00	31.17 -0.65 0.00	27.86 -0.58 0.00	26.56 -0.58 0.00	27.03 -0.60 0.00	25.75 -0.68 0.00	29.73 -0.84 0.00	48.91 -1.18 0.00	95.87 -2.10 0.00	71.47 -1.68 0.00	44.82 -1.22 0.00	39.30 -1.18 0.00	41.38 -1.14 0.00
GENERAL___MILLS 23808	45.07 -0.52 0.00	42.71 -0.34 0.00	39.34 -0.81 0.00	42.61 -1.16 0.00	42.81 -1.21 0.00	46.24 -1.69 0.00	77.11 -2.31 0.00	203.51 -9.76 0.00	52.97 -2.68 0.00	33.63 -1.11 0.00	35.30 -1.12 0.00	33.72 -0.90 0.00	31.15 -0.66 0.00	27.68 -0.77 0.00	26.25 -0.90 0.00	26.67 -0.97 0.00	24.94 -1.50 0.00	28.44 -2.13 0.00	47.28 -2.81 0.00	93.08 -4.89 0.00	69.04 -4.11 0.00	42.82 -3.23 0.00	37.56 -2.91 0.00	40.00 -2.52 0.00
GE_PLASTICS___DRP 24183	45.68 0.09 0.00	43.21 0.17 0.00	40.37 0.22 0.00	44.01 0.24 0.00	44.25 0.24 0.00	48.41 0.48 0.00	79.98 0.57 0.00	215.66 2.38 0.00	56.36 0.71 0.00	35.14 0.40 0.00	36.85 0.44 0.00	34.98 0.36 0.00	32.15 0.34 0.00	28.77 0.32 0.00	27.49 0.35 0.00	28.02 0.38 0.00	26.93 0.50 0.00	31.22 0.65 0.00	50.99 0.90 0.00	99.45 1.48 0.00	74.30 1.15 0.00	46.94 0.89 0.00	41.28 0.80 0.00	43.36 0.84 0.00
GILBOA___1 23756	45.82 0.23 0.00	43.30 0.25 0.00	40.45 0.30 0.00	44.11 0.34 0.00	44.33 0.32 0.00	48.42 0.49 0.00	79.96 0.55 0.00	215.46 2.19 0.00	56.28 0.63 0.00	35.23 0.48 0.00	36.96 0.55 0.00	35.09 0.47 0.00	32.22 0.41 0.00	28.80 0.36 0.00	27.53 0.38 0.00	28.04 0.40 0.00	26.91 0.47 0.00	31.15 0.58 0.00	50.92 0.83 0.00	99.10 1.13 0.00	74.11 0.96 0.00	46.89 0.84 0.00	41.19 0.71 0.00	43.11 0.59 0.00
GILBOA___2 23757	45.82 0.23 0.00	43.30 0.25 0.00	40.45 0.30 0.00	44.11 0.34 0.00	44.33 0.32 0.00	48.42 0.49 0.00	79.96 0.55 0.00	215.46 2.19 0.00	56.28 0.63 0.00	35.23 0.48 0.00	36.96 0.55 0.00	35.09 0.47 0.00	32.22 0.41 0.00	28.80 0.36 0.00	27.53 0.38 0.00	28.04 0.40 0.00	26.91 0.47 0.00	31.15 0.58 0.00	50.92 0.83 0.00	99.10 1.13 0.00	74.11 0.96 0.00	46.89 0.84 0.00	41.19 0.71 0.00	43.11 0.59 0.00

GILBOA___3 23758	45.82 0.23 0.00	43.30 0.25 0.00	40.45 0.30 0.00	44.11 0.34 0.00	44.33 0.32 0.00	48.42 0.49 0.00	79.96 0.55 0.00	215.46 2.19 0.00	56.28 0.63 0.00	35.23 0.48 0.00	36.96 0.55 0.00	35.09 0.47 0.00	32.22 0.41 0.00	28.80 0.36 0.00	27.53 0.38 0.00	28.04 0.40 0.00	26.91 0.47 0.00	31.15 0.58 0.00	50.92 0.83 0.00	99.10 1.13 0.00	74.11 0.96 0.00	46.89 0.84 0.00	41.19 0.71 0.00	43.11 0.59 0.00
GILBOA___4 23759	45.82 0.23 0.00	43.30 0.25 0.00	40.45 0.30 0.00	44.11 0.34 0.00	44.33 0.32 0.00	48.42 0.49 0.00	79.96 0.55 0.00	215.46 2.19 0.00	56.28 0.63 0.00	35.23 0.48 0.00	36.96 0.55 0.00	35.09 0.47 0.00	32.22 0.41 0.00	28.80 0.36 0.00	27.53 0.38 0.00	28.04 0.40 0.00	26.91 0.47 0.00	31.15 0.58 0.00	50.92 0.83 0.00	99.10 1.13 0.00	74.11 0.96 0.00	46.89 0.84 0.00	41.19 0.71 0.00	43.11 0.59 0.00
GILBOA___ 23599	45.82 0.23 0.00	43.30 0.25 0.00	40.45 0.30 0.00	44.11 0.34 0.00	44.34 0.32 0.00	48.42 0.49 0.00	79.96 0.55 0.00	215.46 2.19 0.00	56.28 0.63 0.00	35.23 0.49 0.00	36.96 0.55 0.00	35.08 0.47 0.00	32.22 0.41 0.00	28.80 0.36 0.00	27.53 0.38 0.00	28.04 0.40 0.00	26.91 0.47 0.00	31.15 0.58 0.00	50.92 0.83 0.00	99.09 1.11 0.00	74.11 0.96 0.00	46.89 0.84 0.00	41.19 0.71 0.00	43.11 0.59 0.00
GINNA___ 23603	42.96 -2.63 0.00	40.68 -2.37 0.00	37.73 -2.42 0.00	41.00 -2.77 0.00	41.23 -2.78 0.00	44.66 -3.27 0.00	74.46 -4.96 0.00	198.56 -14.71 0.00	51.56 -4.09 0.00	32.26 -2.48 0.00	33.79 -2.62 0.00	32.18 -2.44 0.00	29.65 -2.16 0.00	26.45 -2.00 0.00	25.14 -2.00 0.00	25.58 -2.06 0.00	24.23 -2.21 0.00	27.90 -2.67 0.00	46.20 -3.89 0.00	90.75 -7.22 0.00	67.50 -5.65 0.00	42.13 -3.91 0.00	36.89 -3.59 0.00	39.07 -3.45 0.00
GLEN PARK___ 23778	47.16 1.57 0.00	44.73 1.68 0.00	41.70 1.55 0.00	45.49 1.72 0.00	45.89 1.88 0.00	50.17 2.24 0.00	84.01 4.59 0.00	225.47 12.19 0.00	57.72 2.07 0.00	34.97 0.24 0.00	35.92 -0.49 0.00	33.70 -0.92 0.00	30.77 -1.04 0.00	27.59 -0.86 0.00	26.18 -0.96 0.00	26.71 -0.93 0.00	25.51 -0.93 0.00	30.46 -0.11 0.00	51.22 1.13 0.00	101.19 3.21 0.00	74.86 1.71 0.00	46.21 0.17 0.00	40.23 -0.25 0.00	42.24 -0.28 0.00
GLENDALE_27_KV_LOAD 356172	46.95 1.36 0.00	44.35 1.30 -0.01	41.45 1.29 -0.01	45.26 1.49 -0.01	45.48 1.46 -0.01	49.81 1.88 -0.01	82.56 3.15 0.00	224.65 11.37 0.00	58.51 2.86 0.00	36.70 1.95 0.00	44.74 2.21 -6.12	38.87 2.02 -2.25	33.58 1.76 -0.01	29.98 1.52 -0.01	28.67 1.52 0.00	29.19 1.55 0.00	28.94 1.67 -0.83	32.47 1.89 -0.01	52.75 2.66 0.00	103.13 5.16 0.00	86.73 3.99 -9.58	74.80 2.66 -26.10	43.24 2.25 -0.52	44.46 1.94 0.00
GLENWOOD_IC_1_G5 23712	46.70 1.11 0.00	43.95 0.90 0.00	41.16 1.01 0.00	44.93 1.16 0.00	45.05 1.03 0.00	49.45 1.52 0.00	81.58 2.16 0.00	221.11 8.42 0.58	57.76 2.11 0.00	36.55 1.81 0.00	38.51 2.10 0.00	36.41 1.79 0.00	33.37 1.56 0.00	29.80 1.35 0.00	28.55 1.40 0.00	29.08 1.44 0.00	28.92 1.65 -0.84	32.22 1.66 0.00	52.27 2.18 0.00	102.07 4.10 0.00	76.54 3.39 0.00	48.53 2.49 0.00	42.56 2.08 0.00	44.36 1.84 0.00
GLENWOOD_IC_2_G1 23688	46.61 1.02 0.00	43.87 0.83 0.00	41.09 0.94 0.00	44.84 1.07 0.00	44.97 0.96 0.00	49.37 1.44 0.00	81.44 2.02 0.00	221.03 7.92 0.16	57.63 1.98 0.00	36.46 1.72 0.00	38.42 2.01 0.00	36.32 1.70 0.00	33.29 1.48 0.00	29.73 1.28 0.00	28.48 1.34 0.00	29.01 1.37 0.00	28.84 1.57 -0.84	32.15 1.58 0.00	52.16 2.08 0.00	101.87 3.90 0.00	76.39 3.24 0.00	48.42 2.38 0.00	42.47 1.99 0.00	44.26 1.74 0.00
GLENWOOD_IC_3_G1 23689	46.61 1.02 0.00	43.87 0.83 0.00	41.09 0.94 0.00	44.84 1.07 0.00	44.97 0.96 0.00	49.37 1.44 0.00	81.44 2.02 0.00	221.03 7.92 0.16	57.63 1.98 0.00	36.46 1.72 0.00	38.42 2.01 0.00	36.32 1.70 0.00	33.29 1.48 0.00	29.73 1.28 0.00	28.48 1.34 0.00	29.01 1.37 0.00	28.84 1.57 -0.84	32.15 1.58 0.00	52.16 2.08 0.00	101.87 3.90 0.00	76.39 3.24 0.00	48.42 2.38 0.00	42.47 1.99 0.00	44.26 1.74 0.00
GLENWOOD___4 23550	46.70 1.11 0.00	43.95 0.90 0.00	41.16 1.01 0.00	44.93 1.16 0.00	45.05 1.03 0.00	49.45 1.52 0.00	81.58 2.16 0.00	221.11 8.42 0.58	57.76 2.11 0.00	36.55 1.81 0.00	38.51 2.10 0.00	36.41 1.79 0.00	33.37 1.56 0.00	29.80 1.35 0.00	28.55 1.40 0.00	29.08 1.44 0.00	28.92 1.65 -0.84	32.22 1.66 0.00	52.27 2.18 0.00	102.07 4.10 0.00	76.54 3.39 0.00	48.53 2.49 0.00	42.56 2.08 0.00	44.36 1.84 0.00
GLENWOOD___5 23614	46.70 1.11 0.00	43.95 0.90 0.00	41.16 1.01 0.00	44.93 1.16 0.00	45.05 1.03 0.00	49.45 1.52 0.00	81.58 2.16 0.00	221.11 8.42 0.58	57.76 2.11 0.00	36.55 1.81 0.00	38.51 2.10 0.00	36.41 1.79 0.00	33.37 1.56 0.00	29.80 1.35 0.00	28.55 1.40 0.00	29.08 1.44 0.00	28.92 1.65 -0.84	32.22 1.66 0.00	52.27 2.18 0.00	102.07 4.10 0.00	76.54 3.39 0.00	48.53 2.49 0.00	42.56 2.08 0.00	44.36 1.84 0.00
GLOBAL GREEN_PORT_GT1 23814	45.00 -0.59 0.00	41.68 -1.37 0.00	39.39 -0.76 0.00	43.17 -0.60 0.00	43.09 -0.93 0.00	47.55 -0.38 0.00	77.76 -1.66 0.00	209.02 -0.25 4.00	55.10 -0.55 0.00	35.77 1.02 0.00	37.91 1.50 0.00	35.56 0.94 0.00	32.71 0.90 0.00	29.20 0.75 0.00	28.30 1.16 0.00	28.72 1.08 0.00	28.77 1.50 -0.84	31.03 0.46 0.00	49.69 -0.40 0.00	97.78 -0.20 0.00	73.55 0.40 0.00	47.32 1.28 0.00	41.60 1.12 0.00	43.58 1.07 0.00
GLOBE___DSASP 323697	43.62 -1.97 0.00	41.43 -1.62 0.00	38.15 -2.00 0.00	41.22 -2.55 0.00	41.40 -2.61 0.00	44.66 -3.27 0.00	74.23 -5.19 0.00	195.10 -18.18 0.00	51.00 -4.65 0.00	32.56 -2.18 0.00	34.20 -2.21 0.00	32.66 -1.96 0.00	30.18 -1.63 0.00	26.88 -1.56 0.00	25.50 -1.64 0.00	25.95 -1.69 0.00	24.24 -2.20 0.00	27.53 -3.04 0.00	45.52 -4.57 0.00	89.51 -8.46 0.00	66.42 -6.73 0.00	41.29 -4.76 0.00	36.33 -4.15 0.00	38.90 -3.62 0.00
GOETHSLN___LBMP 323567	46.33 0.74 0.00	43.74 0.70 0.00	40.88 0.73 0.00	44.66 0.89 0.00	44.87 0.86 0.00	49.14 1.21 0.00	81.47 2.05 0.00	221.60 8.33 0.00	57.64 1.99 0.00	36.11 1.37 0.00	38.02 1.61 0.00	36.06 1.45 0.00	33.04 1.23 0.00	29.53 1.09 0.00	28.24 1.10 0.00	28.75 1.11 0.00	28.49 1.23 -0.83	31.97 1.40 0.00	51.96 1.87 0.00	100.43 3.61 1.15	76.01 2.86 0.00	47.99 1.95 0.00	42.11 1.63 0.00	43.80 1.28 0.00
GOLAH___69_KV_TB 1_2 80279	45.20 -0.39 0.00	42.84 -0.20 0.00	39.62 -0.53 0.00	42.98 -0.79 0.00	43.22 -0.80 0.00	46.79 -1.14 0.00	78.07 -1.35 0.00	207.46 -5.81 0.00	53.87 -1.78 0.00	33.75 -0.99 0.00	35.29 -1.13 0.00	33.60 -1.02 0.00	30.98 -0.84 0.00	27.61 -0.84 0.00	26.23 -0.91 0.00	26.69 -0.95 0.00	25.18 -1.25 0.00	28.91 -1.65 0.00	48.04 -2.05 0.00	94.70 -3.28 0.00	70.47 -2.69 0.00	43.89 -2.15 0.00	38.47 -2.01 0.00	40.79 -1.73 0.00

GOODYEAR_LAKE_HYD 323669	47.07 1.48 0.00	44.44 1.40 0.00	41.51 1.36 0.00	45.29 1.52 0.00	45.54 1.53 0.00	49.73 1.80 0.00	82.85 3.43 0.00	223.09 9.82 0.00	57.65 2.01 0.00	35.95 1.21 0.00	37.70 1.29 0.00	35.85 1.23 0.00	32.89 1.07 0.00	29.36 0.91 0.00	27.99 0.85 0.00	28.47 0.83 0.00	27.26 0.82 0.00	31.57 1.00 0.00	51.88 1.79 0.00	101.49 3.52 0.00	75.75 2.60 0.00	47.50 1.46 0.00	41.54 1.06 0.00	43.49 0.97 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	45.32 -0.27 0.00	42.78 -0.27 0.00	39.87 -0.27 0.00	43.50 -0.27 0.00	43.66 -0.36 0.00	47.48 -0.45 0.00	79.05 -0.36 0.00	212.51 -0.76 0.00	55.02 -0.63 0.00	34.37 -0.38 0.00	36.07 -0.34 0.00	34.38 -0.23 0.00	31.61 -0.20 0.00	28.24 -0.21 0.00	26.93 -0.21 0.00	27.37 -0.27 0.00	26.07 -0.37 0.00	30.09 -0.48 0.00	49.67 -0.42 0.00	97.42 -0.56 0.00	72.56 -0.59 0.00	45.34 -0.70 0.00	39.81 -0.67 0.00	41.76 -0.76 0.00
GOUDEY___7 23579	45.32 -0.27 0.00	42.78 -0.27 0.00	39.87 -0.27 0.00	43.50 -0.27 0.00	43.66 -0.36 0.00	47.48 -0.45 0.00	79.05 -0.36 0.00	212.51 -0.76 0.00	55.02 -0.63 0.00	34.37 -0.38 0.00	36.07 -0.34 0.00	34.38 -0.23 0.00	31.61 -0.20 0.00	28.24 -0.21 0.00	26.93 -0.21 0.00	27.37 -0.27 0.00	26.07 -0.37 0.00	30.09 -0.48 0.00	49.67 -0.42 0.00	97.42 -0.56 0.00	72.56 -0.59 0.00	45.34 -0.70 0.00	39.81 -0.67 0.00	41.76 -0.76 0.00
GOUDEY___8 23580	45.32 -0.27 0.00	42.78 -0.27 0.00	39.87 -0.27 0.00	43.50 -0.27 0.00	43.66 -0.36 0.00	47.48 -0.45 0.00	79.05 -0.36 0.00	212.51 -0.76 0.00	55.02 -0.63 0.00	34.37 -0.38 0.00	36.07 -0.34 0.00	34.38 -0.23 0.00	31.61 -0.20 0.00	28.24 -0.21 0.00	26.93 -0.21 0.00	27.37 -0.27 0.00	26.07 -0.37 0.00	30.09 -0.48 0.00	49.67 -0.42 0.00	97.42 -0.56 0.00	72.56 -0.59 0.00	45.34 -0.70 0.00	39.81 -0.67 0.00	41.76 -0.76 0.00
GOWANUS_GT1_1 24077	50.31 1.48 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 2.00 -2.37	84.43 3.28 -1.73	225.03 11.75 -0.01	96.40 2.94 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.03 2.04 -13.37	49.56 1.83 -15.92	49.16 1.58 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.22 1.97 -20.68	62.64 2.76 -9.79	103.20 5.22 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.04 2.35 -16.21	54.12 2.04 -9.57
GOWANUS_GT1_2 24078	50.31 1.48 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 2.00 -2.37	84.43 3.28 -1.73	225.03 11.75 -0.01	96.40 2.94 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.03 2.04 -13.37	49.56 1.83 -15.92	49.16 1.58 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.22 1.97 -20.68	62.64 2.76 -9.79	103.20 5.22 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.04 2.35 -16.21	54.12 2.04 -9.57
GOWANUS_GT1_3 24079	50.31 1.48 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 2.00 -2.37	84.43 3.28 -1.73	225.03 11.75 -0.01	96.40 2.94 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.03 2.04 -13.37	49.56 1.83 -15.92	49.16 1.58 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.22 1.97 -20.68	62.64 2.76 -9.79	103.20 5.22 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.04 2.35 -16.21	54.12 2.04 -9.57
GOWANUS_GT1_4 24080	50.31 1.48 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 2.00 -2.37	84.43 3.28 -1.73	225.03 11.75 -0.01	96.40 2.94 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.03 2.04 -13.37	49.56 1.83 -15.92	49.16 1.58 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.22 1.97 -20.68	62.64 2.76 -9.79	103.20 5.22 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.04 2.35 -16.21	54.12 2.04 -9.57
GOWANUS_GT1_5 24084	50.31 1.48 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 2.00 -2.37	84.43 3.28 -1.73	225.03 11.75 -0.01	96.40 2.94 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.03 2.04 -13.37	49.56 1.83 -15.92	49.16 1.58 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.22 1.97 -20.68	62.64 2.76 -9.79	103.20 5.22 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.04 2.35 -16.21	54.12 2.04 -9.57
GOWANUS_GT1_6 24111	50.31 1.48 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 2.00 -2.37	84.43 3.28 -1.73	225.03 11.75 -0.01	96.40 2.94 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.03 2.04 -13.37	49.56 1.83 -15.92	49.16 1.58 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.22 1.97 -20.68	62.64 2.76 -9.79	103.20 5.22 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.04 2.35 -16.21	54.12 2.04 -9.57
GOWANUS_GT1_7 24112	50.31 1.48 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 2.00 -2.37	84.43 3.28 -1.73	225.03 11.75 -0.01	96.40 2.94 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.03 2.04 -13.37	49.56 1.83 -15.92	49.16 1.58 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.22 1.97 -20.68	62.64 2.76 -9.79	103.20 5.22 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.04 2.35 -16.21	54.12 2.04 -9.57
GOWANUS_GT1_8 24113	50.31 1.48 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 2.00 -2.37	84.43 3.28 -1.73	225.03 11.75 -0.01	96.40 2.94 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.03 2.04 -13.37	49.56 1.83 -15.92	49.16 1.58 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.22 1.97 -20.68	62.64 2.76 -9.79	103.20 5.22 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.04 2.35 -16.21	54.12 2.04 -9.57
GOWANUS_GT2_1 24114	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57
GOWANUS_GT2_2 24115	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57
GOWANUS_GT2_3 24116	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57

GOWANUS_GT2_4 24117	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57
GOWANUS_GT2_5 24118	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57
GOWANUS_GT2_6 24119	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57
GOWANUS_GT2_7 24120	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57
GOWANUS_GT2_8 24121	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57
GOWANUS_GT3_1 24122	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.04 2.05 -13.37	49.55 1.82 -15.92	49.16 1.58 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.19 5.22 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57
GOWANUS_GT3_2 24123	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.04 2.05 -13.37	49.55 1.82 -15.92	49.16 1.58 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.19 5.22 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.2	

GOWANUS_GT4_3 24132	50.31 1.48 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 2.00 -2.37	84.43 3.28 -1.73	225.03 11.75 -0.01	96.40 2.94 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.03 2.04 -13.37	49.56 1.83 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.76 -9.79	103.21 5.23 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.04 -9.57
GOWANUS_GT4_4 24133	50.31 1.48 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 2.00 -2.37	84.43 3.28 -1.73	225.03 11.75 -0.01	96.40 2.94 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.03 2.04 -13.37	49.56 1.83 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.76 -9.79	103.21 5.23 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.04 -9.57
GOWANUS_GT4_5 24134	50.31 1.48 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 2.00 -2.37	84.43 3.28 -1.73	225.03 11.75 -0.01	96.40 2.94 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.03 2.04 -13.37	49.56 1.83 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.76 -9.79	103.21 5.23 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.04 -9.57
GOWANUS_GT4_6 24135	50.31 1.48 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 2.00 -2.37	84.43 3.28 -1.73	225.03 11.75 -0.01	96.40 2.94 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.03 2.04 -13.37	49.56 1.83 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.76 -9.79	103.21 5.23 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.04 -9.57
GOWANUS_GT4_7 24136	50.31 1.48 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 2.00 -2.37	84.43 3.28 -1.73	225.03 11.75 -0.01	96.40 2.94 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.03 2.04 -13.37	49.56 1.83 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.76 -9.79	103.21 5.23 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.04 -9.57
GOWANUS_GT4_8 24137	50.31 1.48 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 2.00 -2.37	84.43 3.28 -1.73	225.03 11.75 -0.01	96.40 2.94 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.03 2.04 -13.37	49.56 1.83 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.76 -9.79	103.21 5.23 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.04 -9.57
GREENBSH_115KV_TB3 55895	45.49 -0.10 0.00	43.04 0.00 0.00	40.23 0.08 0.00	43.86 0.09 0.00	44.10 0.08 0.00	48.29 0.36 0.00	79.74 0.32 0.00	215.04 1.77 0.00	56.29 0.64 0.00	35.07 0.33 0.00	36.77 0.36 0.00	34.91 0.30 0.00	32.10 0.29 0.00	28.73 0.28 0.00	27.47 0.32 0.00	28.00 0.37 0.00	26.94 0.51 0.00	31.23 0.66 0.00	50.95 0.86 0.00	99.29 1.32 0.00	74.17 1.02 0.00	46.88 0.84 0.00	41.27 0.79 0.00	43.40 0.88 0.00
GREENIDGE_115KV_TB5 80291	45.48 -0.12 0.00	43.05 0.01 0.00	40.04 -0.11 0.00	43.55 -0.22 0.00	43.72 -0.30 0.00	47.54 -0.39 0.00	79.15 -0.27 0.00	211.75 -1.52 0.00	54.69 -0.96 0.00	33.91 -0.83 0.00	35.36 -1.05 0.00	33.65 -0.97 0.00	30.93 -0.88 0.00	27.55 -0.90 0.00	26.19 -0.96 0.00	26.62 -1.01 0.00	25.29 -1.14 0.00	29.36 -1.21 0.00	49.04 -1.05 0.00	96.44 -1.54 0.00	71.64 -1.52 0.00	44.66 -1.38 0.00	39.05 -1.43 0.00	41.02 -1.50 0.00
GREENIDGE___3 23582	45.48 -0.12 0.00	43.05 0.01 0.00	40.04 -0.11 0.00	43.55 -0.22 0.00	43.72 -0.30 0.00	47.54 -0.39 0.00	79.15 -0.27 0.00	211.75 -1.52 0.00	54.69 -0.96 0.00	33.91 -0.83 0.00	35.36 -1.05 0.00	33.65 -0.97 0.00	30.93 -0.88 0.00	27.55 -0.90 0.00	26.19 -0.96 0.00	26.62 -1.01 0.00	25.29 -1.14 0.00	29.36 -1.21 0.00	49.04 -1.05 0.00	96.44 -1.54 0.00	71.64 -1.52 0.00	44.66 -1.38 0.00	39.05 -1.43 0.00	41.02 -1.50 0.00
GREENIDGE___4 23583	45.47 -0.12 0.00	43.05 0.01 0.00	40.04 -0.11 0.00	43.55 -0.22 0.00	43.72 -0.29 0.00	47.54 -0.39 0.00	79.15 -0.26 0.00	211.73 -1.54 0.00	54.69 -0.96 0.00	33.91 -0.83 0.00	35.36 -1.05 0.00	33.64 -0.98 0.00	30.93 -0.88 0.00	27.55 -0.90 0.00	26.19 -0.95 0.00	26.62 -1.01 0.00	25.29 -1.14 0.00	29.35 -1.22 0.00	49.04 -1.05 0.00	96.44 -1.53 0.00	71.63 -1.52 0.00	44.66 -1.38 0.00	39.05 -1.43 0.00	41.02 -1.50 0.00
GREENLWN_69_KV_BK 3 55738	46.33 0.74 0.00	43.56 0.52 0.00	40.84 0.69 0.00	44.58 0.81 0.00	44.63 0.61 0.00	49.02 1.10 0.00	80.61 1.20 0.00	215.49 6.21 3.99	57.12 1.47 0.00	36.31 1.57 0.00	38.36 1.95 0.00	36.20 1.59 0.00	33.20 1.39 0.00	29.64 1.19 0.00	28.41 1.27 0.00	28.95 1.31 0.00	28.82 1.55 -0.84	32.01 1.44 0.00	51.74 1.65 0.00	100.97 3.00 0.00	75.77 2.62 0.00	48.19 2.15 0.00	42.30 1.82 0.00	44.06 1.54 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	50.31 1.48 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 2.00 -2.37	84.43 3.28 -1.73	225.03 11.75 -0.01	96.40 2.94 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.03 2.04 -13.37	49.56 1.83 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.76 -9.79	103.21 5.23 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.04 -9.57
GRISSOM___SOLAR 323813	48.22 2.63 0.00	45.49 2.44 0.00	42.28 2.13 0.00	46.06 2.29 0.00	46.42 2.40 0.00	50.99 3.06 0.00	84.97 5.55 0.00	228.14 14.87 0.00	57.73 2.09 0.00	35.00 0.26 0.00	36.45 0.04 0.00	34.67 0.05 0.00	31.86 0.05 0.00	28.45 0.00 0.00	27.15 0.00 0.00	27.62 -0.02 0.00	26.53 0.10 0.00	31.20 0.64 0.00	52.41 2.33 0.00	103.41 5.44 0.00	77.27 4.12 0.00	48.47 2.43 0.00	42.41 1.94 0.00	44.44 1.92 0.00
GROVEVILLE___HYD 323602	46.73 1.14 0.00	44.11 1.06 0.00	41.22 1.07 0.00	45.01 1.24 0.00	45.23 1.21 0.00	49.56 1.64 0.00	82.34 2.93 0.00	223.81 10.53 0.00	58.20 2.55 0.00	36.32 1.58 0.00	38.08 1.67 0.00	36.07 1.46 0.00	33.06 1.24 0.00	29.53 1.09 0.00	28.24 1.10 0.00	28.78 1.14 0.00	27.72 1.29 0.00	32.13 1.56 0.00	52.47 2.39 0.00	102.63 4.66 0.00	76.80 3.65 0.00	48.44 2.40 0.00	42.45 1.97 0.00	44.22 1.70 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	45.12 -0.47 0.00	42.64 -0.40 0.00	39.75 -0.40 0.00	43.31 -0.46 0.00	43.49 -0.53 0.00	47.17 -0.76 0.00	78.41 -1.01 0.00	210.61 -2.67 0.00	54.71 -0.93 0.00	34.12 -0.62 0.00	35.76 -0.65 0.00	34.08 -0.53 0.00	31.35 -0.46 0.00	28.02 -0.42 0.00	26.71 -0.44 0.00	27.18 -0.46 0.00	25.91 -0.53 0.00	29.94 -0.63 0.00	49.31 -0.78 0.00	96.70 -1.27 0.00	72.08 -1.07 0.00	45.19 -0.86 0.00	39.61 -0.87 0.00	41.65 -0.86 0.00

HAMLTNNY_34_KV_TB 80303	45.12 -0.47 0.00	42.66 -0.38 0.00	39.77 -0.38 0.00	43.33 -0.44 0.00	43.50 -0.52 0.00	47.16 -0.77 0.00	78.43 -0.99 0.00	210.59 -2.68 0.00	54.71 -0.93 0.00	34.13 -0.62 0.00	35.76 -0.66 0.00	34.05 -0.57 0.00	31.31 -0.50 0.00	28.00 -0.45 0.00	26.66 -0.49 0.00	27.14 -0.50 0.00	25.87 -0.56 0.00	29.89 -0.68 0.00	49.21 -0.88 0.00	96.57 -1.40 0.00	71.96 -1.19 0.00	45.11 -0.94 0.00	39.56 -0.93 0.00	41.59 -0.93 0.00
HAMPSHIRE___PAPER_HYD 323593	46.12 0.52 0.00	43.55 0.51 0.00	40.56 0.41 0.00	44.24 0.47 0.00	44.68 0.67 0.00	48.75 0.83 0.00	81.18 1.76 0.00	217.36 4.08 0.00	56.22 0.57 0.00	34.57 -0.17 0.00	35.83 -0.58 0.00	33.80 -0.82 0.00	30.96 -0.86 0.00	27.73 -0.72 0.00	26.38 -0.77 0.00	26.87 -0.77 0.00	25.66 -0.77 0.00	30.09 -0.48 0.00	49.93 -0.16 0.00	98.29 0.32 0.00	72.98 -0.17 0.00	45.52 -0.53 0.00	39.97 -0.51 0.00	42.04 -0.48 0.00
HARDSCRABBLE_WT_PWR 323673	44.99 -0.60 0.00	42.45 -0.60 0.00	39.42 -0.73 0.00	43.03 -0.74 0.00	43.26 -0.76 0.00	47.57 -0.36 0.00	78.79 -0.63 0.00	213.42 0.15 0.00	55.03 -0.61 0.00	33.50 -1.24 0.00	34.87 -1.54 0.00	33.05 -1.57 0.00	30.33 -1.49 0.00	27.14 -1.31 0.00	25.91 -1.24 0.00	26.36 -1.28 0.00	25.47 -0.96 0.00	30.09 -0.47 0.00	50.36 0.27 0.00	98.86 0.89 0.00	73.57 0.42 0.00	46.28 0.23 0.00	40.58 0.11 0.00	42.53 0.01 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	46.36 0.77 0.00	43.76 0.72 0.00	40.90 0.76 0.00	44.68 0.91 0.00	44.89 0.88 0.00	49.17 1.24 0.00	81.71 2.29 0.00	221.66 8.39 0.00	57.61 1.97 0.00	35.92 1.18 0.00	37.69 1.28 0.00	35.74 1.12 0.00	32.74 0.93 0.00	29.25 0.81 0.00	27.97 0.83 0.00	28.50 0.86 0.00	26.54 0.98 0.88	31.75 1.18 0.00	51.83 1.74 0.00	101.42 3.45 0.00	75.94 2.79 0.00	47.89 1.85 0.00	41.98 1.50 0.00	43.68 1.17 0.00
HARSNRAD_115KV_TB1 81005	44.02 -1.57 0.00	41.82 -1.23 0.00	38.46 -1.69 0.00	41.63 -2.14 0.00	41.91 -2.11 0.00	45.28 -2.65 0.00	75.38 -4.03 0.00	197.72 -15.55 0.00	51.59 -4.06 0.00	32.75 -1.99 0.00	34.34 -2.08 0.00	32.78 -1.84 0.00	30.27 -1.55 0.00	26.94 -1.51 0.00	25.56 -1.58 0.00	26.00 -1.64 0.00	24.29 -2.14 0.00	27.67 -2.90 0.00	45.96 -4.13 0.00	90.57 -7.40 0.00	67.23 -5.93 0.00	41.73 -4.32 0.00	36.65 -3.83 0.00	39.18 -3.34 0.00
HARZA MOOSE___RIVER 24016	46.53 0.94 0.00	44.06 1.02 0.00	41.07 0.93 0.00	44.82 1.05 0.00	45.15 1.13 0.00	49.34 1.42 0.00	82.25 2.83 0.00	220.85 7.58 0.00	57.09 1.45 0.00	35.12 0.38 0.00	36.46 0.05 0.00	34.41 -0.21 0.00	31.47 -0.35 0.00	28.20 -0.24 0.00	26.85 -0.30 0.00	27.36 -0.28 0.00	26.23 -0.20 0.00	30.80 0.23 0.00	51.07 0.98 0.00	100.30 2.33 0.00	74.36 1.21 0.00	46.30 0.26 0.00	40.49 0.01 0.00	42.45 -0.06 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	44.89 -0.70 0.00	42.41 -0.63 0.00	39.54 -0.61 0.00	43.07 -0.70 0.00	43.22 -0.80 0.00	46.86 -1.07 0.00	77.90 -1.52 0.00	209.33 -3.94 0.00	54.37 -1.28 0.00	33.93 -0.81 0.00	35.58 -0.83 0.00	33.93 -0.68 0.00	31.23 -0.59 0.00	27.91 -0.54 0.00	26.61 -0.54 0.00	27.08 -0.56 0.00	25.78 -0.65 0.00	29.75 -0.82 0.00	48.94 -1.15 0.00	95.93 -2.04 0.00	71.50 -1.65 0.00	44.83 -1.21 0.00	39.31 -1.17 0.00	41.40 -1.12 0.00
HELLGATE_13_KV_LD 55870	46.76 1.17 0.00	44.18 1.13 -0.01	41.29 1.14 -0.01	45.10 1.32 -0.01	45.31 1.28 -0.01	49.62 1.68 -0.01	82.20 2.78 0.00	223.65 10.38 0.00	58.24 2.59 0.00	36.53 1.79 0.00	44.57 2.04 -6.12	38.70 1.85 -2.24	33.44 1.62 -0.01	29.84 1.38 -0.01	28.53 1.39 0.00	29.05 1.41 0.00	28.81 1.54 -0.83	32.31 1.73 -0.01	52.48 2.39 0.00	102.60 4.63 0.00	86.38 3.64 -9.59	74.61 2.45 -26.12	43.07 2.07 -0.52	44.29 1.78 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	46.76 1.17 0.00	44.18 1.13 -0.01	41.29 1.14 -0.01	45.10 1.32 -0.01	45.31 1.28 -0.01	49.62 1.68 -0.01	82.20 2.78 0.00	223.65 10.38 0.00	58.24 2.59 0.00	36.53 1.79 0.00	44.57 2.04 -6.12	38.70 1.85 -2.24	33.44 1.62 -0.01	29.84 1.38 -0.01	28.53 1.39 0.00	29.05 1.41 0.00	28.81 1.54 -0.83	32.31 1.73 -0.01	52.48 2.39 0.00	102.60 4.63 0.00	86.38 3.64 -9.59	74.61 2.45 -26.12	43.07 2.07 -0.52	44.29 1.78 0.00
HEMPSTEAD____ 23647	46.43 0.83 0.00	43.69 0.64 0.00	40.92 0.77 0.00	44.66 0.89 0.00	44.75 0.74 0.00	49.15 1.22 0.00	81.01 1.59 0.00	218.17 6.86 1.96	57.36 1.71 0.00	36.33 1.59 0.00	38.31 1.90 0.00	36.20 1.58 0.00	33.17 1.35 0.00	29.62 1.18 0.00	28.39 1.25 0.00	28.92 1.28 0.00	28.77 1.50 -0.84	32.03 1.46 0.00	51.95 1.86 0.00	101.46 3.49 0.00	76.07 2.92 0.00	48.25 2.21 0.00	42.33 1.85 0.00	44.11 1.59 0.00
HEWLETT_69_KV_BK3 55828	46.88 1.29 0.00	44.13 1.09 0.00	41.32 1.17 0.00	45.10 1.33 0.00	45.24 1.23 0.00	49.65 1.72 0.00	81.74 2.32 0.00	226.47 7.94 -5.26	57.76 2.11 0.00	36.63 1.89 0.00	38.59 2.18 0.00	36.51 1.89 0.00	33.45 1.64 0.00	29.89 1.45 0.00	28.63 1.49 0.00	29.15 1.51 0.00	28.96 1.68 -0.84	32.28 1.71 0.00	52.38 2.29 0.00	102.38 4.41 0.00	76.81 3.65 0.00	48.69 2.65 0.00	42.68 2.20 0.00	44.48 1.96 0.00
HICKLING___1 23621	45.41 -0.18 0.00	42.96 -0.08 0.00	39.96 -0.19 0.00	43.50 -0.27 0.00	43.64 -0.38 0.00	47.46 -0.47 0.00	79.33 -0.08 0.00	212.04 -1.23 0.00	54.48 -1.17 0.00	33.80 -0.94 0.00	35.45 -0.96 0.00	33.85 -0.76 0.00	31.13 -0.68 0.00	27.70 -0.74 0.00	26.36 -0.79 0.00	26.77 -0.86 0.00	25.38 -1.06 0.00	29.38 -1.19 0.00	49.26 -0.83 0.00	96.95 -1.02 0.00	71.84 -1.31 0.00	44.45 -1.59 0.00	38.86 -1.62 0.00	40.75 -1.77 0.00
HICKLING___2 23622	45.41 -0.18 0.00	42.96 -0.08 0.00	39.96 -0.19 0.00	43.50 -0.27 0.00	43.64 -0.38 0.00	47.46 -0.47 0.00	79.33 -0.08 0.00	212.04 -1.23 0.00	54.48 -1.17 0.00	33.80 -0.94 0.00	35.45 -0.96 0.00	33.85 -0.76 0.00	31.13 -0.68 0.00	27.70 -0.74 0.00	26.36 -0.79 0.00	26.77 -0.86 0.00	25.38 -1.06 0.00	29.38 -1.19 0.00	49.26 -0.83 0.00	96.95 -1.02 0.00	71.84 -1.31 0.00	44.45 -1.59 0.00	38.86 -1.62 0.00	40.75 -1.77 0.00
HIGH FALLS___HY 23754	46.83 1.24 0.00	44.18 1.14 0.00	41.29 1.15 0.00	45.10 1.33 0.00	45.32 1.30 0.00	49.64 1.71 0.00	82.62 3.21 0.00	224.27 11.00 0.00	58.24 2.59 0.00	36.25 1.50 0.00	37.90 1.49 0.00	35.83 1.22 0.00	32.80 0.99 0.00	29.27 0.82 0.00	28.00 0.85 0.00	28.52 0.88 0.00	27.44 1.01 0.00	31.87 1.30 0.00	52.24 2.15 0.00	102.45 4.48 0.00	76.72 3.57 0.00	48.36 2.32 0.00	42.35 1.87 0.00	44.02 1.50 0.00
HIGH_RIVER___SOLAR 323847	46.91 1.31 0.00	44.29 1.24 0.00	41.32 1.17 0.00	45.07 1.30 0.00	45.42 1.40 0.00	50.58 2.65 0.00	84.26 4.85 0.00	226.32 13.05 0.00	57.38 1.73 0.00	34.73 -0.01 0.00	35.92 -0.49 0.00	34.23 -0.38 0.00	31.42 -0.40 0.00	28.07 -0.37 0.00	26.79 -0.36 0.00	27.30 -0.34 0.00	26.22 -0.22 0.00	30.94 0.37 0.00	52.04 1.95 0.00	102.34 4.37 0.00	75.75 2.59 0.00	47.65 1.60 0.00	41.79 1.30 0.00	43.79 1.27 0.00

HILLBURN___GT 23639	46.17 0.58 0.00	43.60 0.56 0.00	40.74 0.60 0.00	44.54 0.77 0.00	44.74 0.73 0.00	49.02 1.09 0.00	81.47 2.05 0.00	221.23 7.95 0.00	57.48 1.83 0.00	35.86 1.12 0.00	37.65 1.24 0.00	35.73 1.11 0.00	32.73 0.92 0.00	29.24 0.80 0.00	27.97 0.83 0.00	28.49 0.85 0.00	26.49 0.95 0.90	31.67 1.10 0.00	51.65 1.56 0.00	101.02 3.05 0.00	75.69 2.54 0.00	47.75 1.70 0.00	41.87 1.39 0.00	43.53 1.01 0.00
HILLSIDE_115KV_TB1 80332	44.52 -1.07 0.00	42.01 -1.03 0.00	39.12 -1.03 0.00	42.68 -1.09 0.00	42.81 -1.21 0.00	46.54 -1.39 0.00	77.72 -1.69 0.00	208.33 -4.94 0.00	53.66 -1.99 0.00	33.50 -1.25 0.00	35.23 -1.18 0.00	33.65 -0.96 0.00	30.94 -0.87 0.00	27.62 -0.83 0.00	26.31 -0.83 0.00	26.71 -0.92 0.00	25.33 -1.10 0.00	29.24 -1.33 0.00	48.56 -1.53 0.00	95.47 -2.50 0.00	70.92 -2.23 0.00	44.03 -2.01 0.00	38.69 -1.79 0.00	40.51 -2.01 0.00
HISHELDN_WT_PWR 323625	44.18 -1.41 0.00	42.03 -1.02 0.00	38.79 -1.36 0.00	41.94 -1.83 0.00	42.09 -1.93 0.00	45.51 -2.42 0.00	75.87 -3.54 0.00	200.42 -12.85 0.00	51.73 -3.91 0.00	32.20 -2.54 0.00	33.76 -2.65 0.00	32.27 -2.35 0.00	29.79 -2.03 0.00	26.41 -2.04 0.00	25.04 -2.11 0.00	25.50 -2.14 0.00	23.95 -2.48 0.00	27.77 -2.80 0.00	46.77 -3.32 0.00	92.25 -5.72 0.00	68.35 -4.80 0.00	42.13 -3.92 0.00	36.52 -3.96 0.00	38.67 -3.85 0.00
HOLTSVILLE_IC_1 23690	46.17 0.57 0.00	43.24 0.20 0.00	40.65 0.50 0.00	44.37 0.60 0.00	44.45 0.43 0.00	48.92 0.99 0.00	80.11 0.70 0.00	214.24 4.98 4.01	56.79 1.14 0.00	36.38 1.64 0.00	38.40 1.99 0.00	36.17 1.55 0.00	33.16 1.35 0.00	29.61 1.17 0.00	28.45 1.31 0.00	28.98 1.34 0.00	28.91 1.63 -0.84	31.92 1.35 0.00	51.45 1.36 0.00	100.46 2.49 0.00	75.49 2.33 0.00	48.14 2.09 0.00	42.28 1.80 0.00	44.00 1.48 0.00
HOLTSVILLE_IC_10 23699	46.30 0.71 0.00	43.31 0.27 0.00	40.74 0.59 0.00	44.47 0.70 0.00	44.55 0.54 0.00	49.05 1.13 0.00	80.34 0.93 0.00	215.01 5.72 3.98	56.92 1.28 0.00	36.53 1.78 0.00	38.57 2.16 0.00	36.29 1.67 0.00	33.27 1.45 0.00	29.71 1.26 0.00	28.55 1.41 0.00	29.07 1.43 0.00	29.02 1.75 -0.84	32.00 1.44 0.00	51.57 1.49 0.00	100.77 2.80 0.00	75.74 2.59 0.00	48.32 2.27 0.00	42.44 1.96 0.00	44.16 1.64 0.00
HOLTSVILLE_IC_2 23691	46.17 0.57 0.00	43.24 0.20 0.00	40.65 0.50 0.00	44.37 0.60 0.00	44.45 0.43 0.00	48.92 0.99 0.00	80.11 0.70 0.00	214.24 4.98 4.01	56.79 1.14 0.00	36.38 1.64 0.00	38.40 1.99 0.00	36.17 1.55 0.00	33.16 1.35 0.00	29.61 1.17 0.00	28.45 1.31 0.00	28.98 1.34 0.00	28.91 1.63 -0.84	31.92 1.35 0.00	51.45 1.36 0.00	100.46 2.49 0.00	75.49 2.33 0.00	48.14 2.09 0.00	42.28 1.80 0.00	44.00 1.48 0.00
HOLTSVILLE_IC_3 23692	46.17 0.57 0.00	43.24 0.20 0.00	40.65 0.50 0.00	44.37 0.60 0.00	44.45 0.43 0.00	48.92 0.99 0.00	80.11 0.70 0.00	214.24 4.98 4.01	56.79 1.14 0.00	36.38 1.64 0.00	38.40 1.99 0.00	36.17 1.55 0.00	33.16 1.35 0.00	29.61 1.17 0.00	28.45 1.31 0.00	28.98 1.34 0.00	28.91 1.63 -0.84	31.92 1.35 0.00	51.45 1.36 0.00	100.46 2.49 0.00	75.49 2.33 0.00	48.14 2.09 0.00	42.28 1.80 0.00	44.00 1.48 0.00
HOLTSVILLE_IC_4 23693	46.17 0.57 0.00	43.24 0.20 0.00	40.65 0.50 0.00	44.37 0.60 0.00	44.45 0.43 0.00	48.92 0.99 0.00	80.11 0.70 0.00	214.24 4.98 4.01	56.79 1.14 0.00	36.38 1.64 0.00	38.40 1.99 0.00	36.17 1.55 0.00	33.16 1.35 0.00	29.61 1.17 0.00	28.45 1.31 0.00	28.98 1.34 0.00	28.91 1.63 -0.84	31.92 1.35 0.00	51.45 1.36 0.00	100.46 2.49 0.00	75.49 2.33 0.00	48.14 2.09 0.00	42.28 1.80 0.00	44.00 1.48 0.00
HOLTSVILLE_IC_5 23694	46.17 0.57 0.00	43.24 0.20 0.00	40.65 0.50 0.00	44.37 0.60 0.00	44.45 0.43 0.00	48.92 0.99 0.00	80.11 0.70 0.00	214.24 4.98 4.01	56.79 1.14 0.00	36.38 1.64 0.00	38.40 1.99 0.00	36.17 1.55 0.00	33.16 1.35 0.00	29.61 1.17 0.00	28.45 1.31 0.00	28.98 1.34 0.00	28.91 1.63 -0.84	31.92 1.35 0.00	51.45 1.36 0.00	100.46 2.49 0.00	75.49 2.33 0.00	48.14 2.09 0.00	42.28 1.80 0.00	44.00 1.48 0.00
HOLTSVILLE_IC_6 23695	46.30 0.71 0.00	43.31 0.27 0.00	40.74 0.59 0.00	44.47 0.70 0.00	44.55 0.54 0.00	49.05 1.13 0.00	80.34 0.93 0.00	215.01 5.72 3.98	56.92 1.28 0.00	36.53 1.78 0.00	38.57 2.16 0.00	36.29 1.67 0.00	33.27 1.45 0.00	29.71 1.26 0.00	28.55 1.41 0.00	29.07 1.43 0.00	29.02 1.75 -0.84	32.00 1.44 0.00	51.57 1.49 0.00	100.77 2.80 0.00	75.74 2.59 0.00	48.32 2.27 0.00	42.44 1.96 0.00	44.16 1.64 0.00
HOLTSVILLE_IC_7 23696	46.30 0.71 0.00	43.31 0.27 0.00	40.74 0.59 0.00	44.47 0.70 0.00	44.55 0.54 0.00	49.05 1.13 0.00	80.34 0.93 0.00	215.01 5.72 3.98	56.92 1.28 0.00	36.53 1.78 0.00	38.57 2.16 0.00	36.29 1.67 0.00	33.27 1.45 0.00	29.71 1.26 0.00	28.55 1.41 0.00	29.07 1.43 0.00	29.02 1.75 -0.84	32.00 1.44 0.00	51.57 1.49 0.00	100.77 2.80 0.00	75.74 2.59 0.00	48.32 2.27 0.00	42.44 1.96 0.00	44.16 1.64 0.00
HOLTSVILLE_IC_8 23697	46.30 0.71 0.00	43.31 0.27 0.00	40.74 0.59 0.00	44.47 0.70 0.00	44.55 0.54 0.00	49.05 1.13 0.00	80.34 0.93 0.00	215.01 5.72 3.98	56.92 1.28 0.00	36.53 1.78 0.00	38.57 2.16 0.00	36.29 1.67 0.00	33.27 1.45 0.00	29.71 1.26 0.00	28.55 1.41 0.00	29.07 1.43 0.00	29.02 1.75 -0.84	32.00 1.44 0.00	51.57 1.49 0.00	100.77 2.80 0.00	75.74 2.59 0.00	48.32 2.27 0.00	42.44 1.96 0.00	44.16 1.64 0.00
HOLTSVILLE_IC_9 23698	46.30 0.71 0.00	43.31 0.27 0.00	40.74 0.59 0.00	44.47 0.70 0.00	44.55 0.54 0.00	49.05 1.13 0.00	80.34 0.93 0.00	215.01 5.72 3.98	56.92 1.28 0.00	36.53 1.78 0.00	38.57 2.16 0.00	36.29 1.67 0.00	33.27 1.45 0.00	29.71 1.26 0.00	28.55 1.41 0.00	29.07 1.43 0.00	29.02 1.75 -0.84	32.00 1.44 0.00	51.57 1.49 0.00	100.77 2.80 0.00	75.74 2.59 0.00	48.32 2.27 0.00	42.44 1.96 0.00	44.16 1.64 0.00
HOMER_HL_115KV_TB2 355744	45.65 0.06 0.00	43.15 0.10 0.00	39.93 -0.22 0.00	43.53 -0.23 0.00	43.69 -0.33 0.00	47.09 -0.84 0.00	78.57 -0.85 0.00	209.35 -3.92 0.00	53.95 -1.70 0.00	33.78 -0.96 0.00	35.68 -0.74 0.00	34.18 -0.43 0.00	31.74 -0.07 0.00	28.45 0.01 0.00	27.09 -0.05 0.00	27.42 -0.22 0.00	25.81 -0.62 0.00	29.44 -1.13 0.00	48.55 -1.54 0.00	96.23 -1.74 0.00	71.20 -1.95 0.00	43.96 -2.08 0.00	38.77 -1.71 0.00	41.21 -1.31 0.00
HOWARD_WT_PWR 323690	44.73 -0.86 0.00	43.04 -0.01 0.00	40.05 -0.10 0.00	43.33 -0.44 0.00	43.17 -0.84 0.00	47.14 -0.79 0.00	79.00 -0.42 0.00	209.65 -3.63 0.00	53.61 -2.04 0.00	32.90 -1.84 0.00	34.50 -1.91 0.00	32.94 -1.68 0.00	30.20 -1.61 0.00	26.67 -1.78 0.00	25.08 -2.06 0.00	25.52 -2.12 0.00	24.30 -2.14 0.00	28.37 -2.20 0.00	48.18 -1.91 0.00	94.87 -3.10 0.00	70.00 -3.15 0.00	42.77 -3.27 0.00	37.09 -3.39 0.00	38.83 -3.69 0.00

HQ_GEN_CEDARS 23644	46.93 1.33 0.00	44.13 1.08 0.00	41.05 0.90 0.00	44.75 0.98 0.00	45.20 1.19 0.00	49.14 1.21 0.00	81.42 2.01 0.00	217.43 4.15 0.00	56.74 1.10 0.00	35.37 0.63 0.00	36.94 0.53 0.00	35.07 0.46 0.00	32.24 0.43 0.00	28.84 0.39 0.00	27.47 0.33 0.00	27.95 0.31 0.00	26.66 0.22 0.00	30.83 0.27 0.00	50.61 0.52 0.00	99.24 1.27 0.00	74.09 0.94 0.00	46.62 0.57 0.00	41.22 0.74 0.00	43.45 0.94 0.00
HQ_GEN_CEDARS_PROXY 323590	46.92 1.33 0.00	44.13 1.08 0.00	41.05 0.90 0.00	44.75 0.98 0.00	45.20 1.18 0.00	49.14 1.21 0.00	81.42 2.01 0.00	217.42 4.15 0.00	56.74 1.10 0.00	35.37 0.63 0.00	36.94 0.53 0.00	35.07 0.45 0.00	32.24 0.43 0.00	28.84 0.39 0.00	27.47 0.33 0.00	27.95 0.32 0.00	26.66 0.22 0.00	30.83 0.27 0.00	50.61 0.52 0.00	99.24 1.26 0.00	74.09 0.94 0.00	46.62 0.57 0.00	41.22 0.74 0.00	43.45 0.94 0.00
HQ_GEN_IMPORT 323601	46.32 0.73 0.00	43.65 0.61 0.00	40.74 0.51 -0.08	44.32 0.55 0.00	44.67 0.65 0.00	48.56 0.64 0.00	80.43 1.02 0.00	215.15 1.88 0.00	56.25 0.61 0.00	35.78 0.41 -0.63	36.79 0.38 0.00	34.96 0.34 0.00	32.14 0.33 0.00	28.74 0.30 0.00	27.40 0.26 0.00	27.89 0.25 0.00	26.63 0.20 0.00	30.77 0.20 0.00	50.42 0.33 0.00	98.67 0.70 0.00	73.68 0.53 0.00	46.39 0.35 0.00	40.92 0.44 0.00	43.06 0.55 0.00
HQ_GEN_WHEEL 23651	46.32 0.73 0.00	43.65 0.61 0.00	40.74 0.51 -0.08	44.32 0.55 0.00	44.67 0.65 0.00	48.56 0.64 0.00	80.43 1.02 0.00	215.15 1.88 0.00	56.25 0.61 0.00	35.78 0.41 -0.63	36.79 0.38 0.00	34.96 0.34 0.00	32.14 0.33 0.00	28.74 0.30 0.00	27.40 0.26 0.00	27.89 0.25 0.00	26.63 0.20 0.00	30.77 0.20 0.00	50.42 0.33 0.00	98.67 0.70 0.00	73.68 0.53 0.00	46.39 0.35 0.00	40.92 0.44 0.00	43.06 0.55 0.00
HUDSON AVE_GT_3 23810	46.69 1.10 0.00	44.06 1.01 0.00	41.18 1.03 0.00	44.97 1.20 0.00	45.19 1.17 0.00	49.51 1.58 0.00	82.10 2.69 0.00	223.15 9.88 0.00	58.09 2.44 0.00	36.43 1.69 0.00	38.36 1.95 0.00	36.39 1.77 0.00	33.36 1.54 0.00	29.78 1.33 0.00	28.47 1.33 0.00	28.99 1.36 0.00	28.73 1.47 -0.83	32.24 1.67 0.00	52.37 2.28 0.00	102.37 4.39 0.00	76.59 3.44 0.00	48.36 2.31 0.00	42.43 1.95 0.00	44.14 1.62 0.00
HUDSON AVE_GT_4 23540	46.69 1.10 0.00	44.06 1.01 0.00	41.18 1.03 0.00	44.97 1.20 0.00	45.19 1.17 0.00	49.51 1.58 0.00	82.10 2.69 0.00	223.15 9.88 0.00	58.09 2.44 0.00	36.43 1.69 0.00	38.36 1.95 0.00	36.39 1.77 0.00	33.36 1.54 0.00	29.78 1.33 0.00	28.47 1.33 0.00	28.99 1.36 0.00	28.73 1.47 -0.83	32.24 1.67 0.00	52.37 2.28 0.00	102.37 4.39 0.00	76.59 3.44 0.00	48.36 2.31 0.00	42.43 1.95 0.00	44.14 1.62 0.00
HUDSON AVE_GT_5 23657	46.69 1.10 0.00	44.06 1.01 0.00	41.18 1.03 0.00	44.97 1.20 0.00	45.19 1.17 0.00	49.51 1.58 0.00	82.10 2.69 0.00	223.15 9.88 0.00	58.09 2.44 0.00	36.43 1.69 0.00	38.36 1.95 0.00	36.39 1.77 0.00	33.36 1.54 0.00	29.78 1.33 0.00	28.47 1.33 0.00	28.99 1.36 0.00	28.73 1.47 -0.83	32.24 1.67 0.00	52.37 2.28 0.00	102.37 4.39 0.00	76.59 3.44 0.00	48.36 2.31 0.00	42.43 1.95 0.00	44.14 1.62 0.00
HUDSON_AVE_10 24168	46.53 0.94 0.00	43.94 0.89 0.00	41.07 0.92 0.00	44.83 1.07 0.00	45.06 1.04 0.00	49.36 1.43 0.00	81.86 2.45 0.00	224.87 9.08 -2.52	57.91 2.26 0.00	36.32 1.58 0.00	38.24 1.83 0.00	36.31 1.70 0.00	33.30 1.49 0.00	29.71 1.26 0.00	28.40 1.25 0.00	28.91 1.27 0.00	28.66 1.40 -0.83	32.16 1.59 0.00	52.16 2.07 0.00	101.98 4.01 0.00	76.30 3.15 0.00	48.18 2.14 0.00	42.25 1.77 0.00	43.96 1.44 0.00
HUDSON___115KV_TB 4 355613	46.56 0.97 0.00	44.03 0.99 0.00	41.13 0.99 0.00	44.85 1.08 0.00	45.13 1.11 0.00	49.46 1.54 0.00	81.91 2.49 0.00	221.06 7.79 0.00	57.62 1.98 0.00	35.56 0.82 0.00	37.08 0.67 0.00	35.15 0.53 0.00	32.30 0.49 0.00	28.89 0.45 0.00	27.60 0.46 0.00	28.14 0.50 0.00	27.10 0.67 0.00	31.52 0.95 0.00	51.84 1.75 0.00	101.64 3.66 0.00	75.94 2.79 0.00	47.93 1.88 0.00	42.10 1.62 0.00	44.24 1.72 0.00
HUNTER MOUNT___DRP 323613	46.87 1.28 0.00	44.33 1.28 0.00	41.38 1.24 0.00	45.14 1.37 0.00	45.41 1.40 0.00	49.78 1.85 0.00	82.52 3.11 0.00	222.56 9.29 0.00	57.98 2.34 0.00	35.73 0.99 0.00	37.22 0.81 0.00	35.26 0.65 0.00	32.40 0.58 0.00	28.99 0.54 0.00	27.67 0.53 0.00	28.22 0.59 0.00	27.19 0.76 0.00	31.69 1.12 0.00	52.17 2.08 0.00	102.31 4.34 0.00	76.45 3.30 0.00	48.22 2.18 0.00	42.35 1.87 0.00	44.49 1.97 0.00
HUNTINGTON_RES_REC 323705	46.30 0.71 0.00	43.44 0.39 0.00	40.78 0.63 0.00	44.51 0.74 0.00	44.56 0.54 0.00	49.00 1.08 0.00	80.41 1.00 0.00	215.31 6.01 3.98	57.03 1.38 0.00	36.44 1.70 0.00	38.50 2.08 0.00	36.28 1.66 0.00	33.25 1.44 0.00	29.68 1.24 0.00	28.49 1.35 0.00	29.01 1.38 0.00	28.94 1.67 -0.84	32.05 1.49 0.00	51.66 1.57 0.00	100.75 2.77 0.00	75.67 2.52 0.00	48.26 2.22 0.00	42.38 1.90 0.00	44.12 1.60 0.00
HUNTLEY___63 23557	44.64 -0.95 0.00	42.33 -0.72 0.00	38.96 -1.19 0.00	42.15 -1.62 0.00	42.38 -1.64 0.00	45.77 -2.16 0.00	76.25 -3.17 0.00	200.63 -12.64 0.00	52.34 -3.31 0.00	33.30 -1.44 0.00	34.95 -1.47 0.00	33.34 -1.27 0.00	30.77 -1.04 0.00	27.42 -1.03 0.00	25.99 -1.15 0.00	26.44 -1.20 0.00	24.70 -1.74 0.00	28.12 -2.44 0.00	46.66 -3.43 0.00	91.89 -6.08 0.00	68.22 -4.93 0.00	42.32 -3.72 0.00	37.20 -3.28 0.00	39.72 -2.80 0.00
HUNTLEY___64 23558	44.64 -0.95 0.00	42.33 -0.72 0.00	38.96 -1.19 0.00	42.15 -1.62 0.00	42.38 -1.64 0.00	45.77 -2.16 0.00	76.25 -3.17 0.00	200.63 -12.64 0.00	52.34 -3.31 0.00	33.30 -1.44 0.00	34.95 -1.47 0.00	33.34 -1.27 0.00	30.77 -1.04 0.00	27.42 -1.03 0.00	25.99 -1.15 0.00	26.44 -1.20 0.00	24.70 -1.74 0.00	28.12 -2.44 0.00	46.66 -3.43 0.00	91.89 -6.08 0.00	68.22 -4.93 0.00	42.32 -3.72 0.00	37.20 -3.28 0.00	39.72 -2.80 0.00
HUNTLEY___65 23559	44.64 -0.95 0.00	42.33 -0.72 0.00	38.96 -1.19 0.00	42.15 -1.62 0.00	42.38 -1.64 0.00	45.77 -2.16 0.00	76.25 -3.17 0.00	200.63 -12.64 0.00	52.34 -3.31 0.00	33.30 -1.44 0.00	34.95 -1.47 0.00	33.34 -1.27 0.00	30.77 -1.04 0.00	27.42 -1.03 0.00	25.99 -1.15 0.00	26.44 -1.20 0.00	24.70 -1.74 0.00	28.12 -2.44 0.00	46.66 -3.43 0.00	91.89 -6.08 0.00	68.22 -4.93 0.00	42.32 -3.72 0.00	37.20 -3.28 0.00	39.72 -2.80 0.00
HUNTLEY___66 23560	44.64 -0.95 0.00	42.33 -0.72 0.00	38.96 -1.19 0.00	42.15 -1.62 0.00	42.38 -1.64 0.00	45.77 -2.16 0.00	76.25 -3.17 0.00	200.63 -12.64 0.00	52.34 -3.31 0.00	33.30 -1.44 0.00	34.95 -1.47 0.00	33.34 -1.27 0.00	30.77 -1.04 0.00	27.42 -1.03 0.00	25.99 -1.15 0.00	26.44 -1.20 0.00	24.70 -1.74 0.00	28.12 -2.44 0.00	46.66 -3.43 0.00	91.89 -6.08 0.00	68.22 -4.93 0.00	42.32 -3.72 0.00	37.20 -3.28 0.00	39.72 -2.80 0.00

HUNTLEY___67 23561	44.37 -1.22 0.00	42.08 -0.96 0.00	38.76 -1.39 0.00	41.95 -1.82 0.00	42.15 -1.86 0.00	45.51 -2.42 0.00	75.77 -3.65 0.00	199.73 -13.54 0.00	52.06 -3.59 0.00	33.11 -1.63 0.00	34.76 -1.65 0.00	33.21 -1.41 0.00	30.68 -1.14 0.00	27.30 -1.15 0.00	25.90 -1.24 0.00	26.33 -1.30 0.00	24.62 -1.82 0.00	28.03 -2.54 0.00	46.50 -3.59 0.00	91.49 -6.48 0.00	67.89 -5.27 0.00	42.13 -3.91 0.00	37.00 -3.48 0.00	39.48 -3.03 0.00
HUNTLEY___68 23562	44.37 -1.22 0.00	42.08 -0.96 0.00	38.76 -1.39 0.00	41.95 -1.82 0.00	42.15 -1.86 0.00	45.51 -2.42 0.00	75.77 -3.65 0.00	199.73 -13.54 0.00	52.06 -3.59 0.00	33.11 -1.63 0.00	34.76 -1.65 0.00	33.21 -1.41 0.00	30.68 -1.14 0.00	27.30 -1.15 0.00	25.90 -1.24 0.00	26.33 -1.30 0.00	24.62 -1.82 0.00	28.03 -2.54 0.00	46.50 -3.59 0.00	91.49 -6.48 0.00	67.89 -5.27 0.00	42.13 -3.91 0.00	37.00 -3.48 0.00	39.48 -3.03 0.00
HYLAND___LFGE 323620	46.79 1.20 0.00	44.40 1.36 0.00	41.16 1.01 0.00	44.64 0.87 0.00	44.86 0.84 0.00	48.80 0.87 0.00	82.00 2.58 0.00	218.22 4.95 0.00	55.75 0.10 0.00	33.62 -1.12 0.00	35.05 -1.37 0.00	33.42 -1.20 0.00	30.79 -1.03 0.00	27.34 -1.11 0.00	25.92 -1.22 0.00	26.39 -1.25 0.00	24.96 -1.48 0.00	28.89 -1.68 0.00	48.63 -1.46 0.00	98.45 0.48 0.00	73.39 0.24 0.00	45.33 -0.71 0.00	39.47 -1.01 0.00	41.57 -0.95 0.00
INDECK___CORINTH 23802	46.54 0.95 0.00	43.90 0.86 0.00	40.97 0.82 0.00	44.74 0.97 0.00	45.02 1.00 0.00	49.51 1.58 0.00	81.92 2.51 0.00	221.27 8.00 0.00	57.75 2.11 0.00	35.55 0.81 0.00	37.08 0.67 0.00	34.96 0.34 0.00	32.07 0.26 0.00	28.69 0.24 0.00	27.40 0.26 0.00	27.98 0.34 0.00	27.07 0.64 0.00	31.48 0.91 0.00	51.75 1.66 0.00	101.36 3.39 0.00	75.73 2.58 0.00	47.74 1.69 0.00	41.71 1.23 0.00	43.87 1.35 0.00
INDECK___ILION 23567	45.30 -0.30 0.00	42.76 -0.28 0.00	39.80 -0.34 0.00	43.44 -0.33 0.00	43.67 -0.34 0.00	47.84 -0.09 0.00	79.26 -0.15 0.00	213.97 0.70 0.00	55.47 -0.17 0.00	34.16 -0.58 0.00	35.67 -0.74 0.00	33.85 -0.77 0.00	31.06 -0.75 0.00	27.78 -0.66 0.00	26.52 -0.62 0.00	27.00 -0.64 0.00	25.99 -0.44 0.00	30.42 -0.14 0.00	50.41 0.32 0.00	98.76 0.79 0.00	73.60 0.45 0.00	46.32 0.27 0.00	40.63 0.15 0.00	42.57 0.06 0.00
INDECK___OLEAN 23982	45.64 0.05 0.00	43.15 0.11 0.00	39.93 -0.22 0.00	43.53 -0.24 0.00	43.69 -0.32 0.00	47.09 -0.83 0.00	78.57 -0.85 0.00	209.31 -3.96 0.00	53.95 -1.70 0.00	33.79 -0.95 0.00	35.68 -0.74 0.00	34.17 -0.45 0.00	31.74 -0.07 0.00	28.45 0.01 0.00	27.09 -0.05 0.00	27.41 -0.22 0.00	25.81 -0.63 0.00	29.43 -1.14 0.00	48.55 -1.54 0.00	96.23 -1.75 0.00	71.21 -1.94 0.00	43.97 -2.08 0.00	38.75 -1.73 0.00	41.22 -1.30 0.00
INDECK___OSWEGO 23783	44.38 -1.21 0.00	41.96 -1.08 0.00	39.14 -1.01 0.00	42.65 -1.12 0.00	42.80 -1.22 0.00	46.47 -1.46 0.00	77.19 -2.23 0.00	207.02 -6.25 0.00	53.85 -1.79 0.00	33.61 -1.13 0.00	35.20 -1.21 0.00	33.56 -1.06 0.00	30.87 -0.94 0.00	27.61 -0.84 0.00	26.32 -0.83 0.00	26.80 -0.84 0.00	25.53 -0.90 0.00	29.50 -1.07 0.00	48.49 -1.60 0.00	95.03 -2.94 0.00	70.84 -2.31 0.00	44.42 -1.62 0.00	38.95 -1.53 0.00	41.03 -1.49 0.00
INDECK___YERKES 23781	44.68 -0.91 0.00	42.38 -0.67 0.00	39.00 -1.15 0.00	42.19 -1.58 0.00	42.42 -1.60 0.00	45.82 -2.11 0.00	76.33 -3.09 0.00	200.85 -12.42 0.00	52.39 -3.25 0.00	33.33 -1.41 0.00	34.98 -1.43 0.00	33.36 -1.25 0.00	30.80 -1.01 0.00	27.45 -1.00 0.00	26.02 -1.12 0.00	26.47 -1.17 0.00	24.72 -1.72 0.00	28.14 -2.43 0.00	46.70 -3.38 0.00	91.99 -5.99 0.00	68.29 -4.86 0.00	42.38 -3.67 0.00	37.22 -3.26 0.00	39.79 -2.73 0.00
INDIAN POINT_GT_1 24139	46.22 0.63 0.00	43.64 0.59 0.00	40.79 0.64 0.00	44.56 0.79 0.00	44.77 0.75 0.00	49.02 1.09 0.00	81.37 1.96 0.00	220.87 7.60 0.00	57.43 1.78 0.00	35.89 1.15 0.00	37.70 1.29 0.00	35.75 1.13 0.00	32.77 0.96 0.00	29.27 0.82 0.00	28.00 0.86 0.00	28.51 0.87 0.00	27.43 0.99 0.00	31.72 1.15 0.00	51.70 1.61 0.00	101.11 3.13 0.00	75.72 2.57 0.00	47.80 1.76 0.00	41.93 1.45 0.00	43.62 1.11 0.00
INDIAN POINT_GT_2 23659	46.22 0.63 0.00	43.64 0.59 0.00	40.79 0.64 0.00	44.56 0.79 0.00	44.77 0.75 0.00	49.02 1.09 0.00	81.37 1.96 0.00	220.87 7.60 0.00	57.43 1.78 0.00	35.89 1.15 0.00	37.70 1.29 0.00	35.75 1.13 0.00	32.77 0.96 0.00	29.27 0.82 0.00	28.00 0.86 0.00	28.51 0.87 0.00	27.43 0.99 0.00	31.72 1.15 0.00	51.70 1.61 0.00	101.11 3.13 0.00	75.72 2.57 0.00	47.80 1.76 0.00	41.93 1.45 0.00	43.62 1.11 0.00
INDIAN POINT_GT_3 24019	46.22 0.63 0.00	43.64 0.59 0.00	40.79 0.64 0.00	44.56 0.79 0.00	44.77 0.75 0.00	49.02 1.09 0.00	81.37 1.96 0.00	220.87 7.60 0.00	57.43 1.78 0.00	35.89 1.15 0.00	37.70 1.29 0.00	35.75 1.13 0.00	32.77 0.96 0.00	29.27 0.82 0.00	28.00 0.86 0.00	28.51 0.87 0.00	27.43 0.99 0.00	31.72 1.15 0.00	51.70 1.61 0.00	101.11 3.13 0.00	75.72 2.57 0.00	47.80 1.76 0.00	41.93 1.45 0.00	43.62 1.11 0.00
INDIAN POINT___2 23530	46.06 0.47 0.00	43.49 0.45 0.00	40.65 0.50 0.00	44.43 0.66 0.00	44.62 0.61 0.00	48.87 0.94 0.00	81.15 1.73 0.00	220.22 6.95 0.00	57.25 1.60 0.00	35.72 0.98 0.00	37.51 1.10 0.00	35.59 0.97 0.00	32.61 0.79 0.00	29.13 0.69 0.00	27.87 0.73 0.00	28.38 0.74 0.00	25.96 0.84 1.32	31.56 0.99 0.00	51.48 1.40 0.00	100.70 2.73 0.00	75.42 2.27 0.00	47.59 1.55 0.00	41.75 1.27 0.00	43.42 0.90 0.00
INDIAN POINT___3 23531	46.23 0.63 0.00	43.63 0.59 0.00	40.79 0.64 0.00	44.56 0.79 0.00	44.76 0.74 0.00	49.02 1.09 0.00	81.34 1.92 0.00	220.75 7.48 0.00	57.43 1.78 0.00	35.90 1.16 0.00	37.72 1.31 0.00	35.77 1.16 0.00	32.80 0.99 0.00	29.30 0.85 0.00	28.02 0.88 0.00	28.54 0.90 0.00	28.74 1.02 -1.28	31.74 1.17 0.00	51.72 1.63 0.00	101.12 3.14 0.00	75.72 2.57 0.00	47.81 1.76 0.00	41.93 1.45 0.00	43.64 1.12 0.00
INGHAM_C_115KV_TB7 356103	44.79 -0.80 0.00	42.23 -0.81 0.00	39.17 -0.97 0.00	42.78 -0.99 0.00	42.99 -1.02 0.00	47.38 -0.55 0.00	78.45 -0.97 0.00	212.81 -0.46 0.00	54.73 -0.92 0.00	33.09 -1.65 0.00	34.37 -2.05 0.00	32.56 -2.06 0.00	29.86 -1.95 0.00	26.74 -1.71 0.00	25.52 -1.62 0.00	25.95 -1.69 0.00	25.15 -1.28 0.00	29.89 -0.67 0.00	50.31 0.22 0.00	98.82 0.85 0.00	73.50 0.35 0.00	46.33 0.28 0.00	40.63 0.15 0.00	42.51 -0.01 0.00
IP CORINTH___1 23988	46.77 1.18 0.00	44.14 1.09 0.00	41.18 1.04 0.00	44.98 1.21 0.00	45.24 1.23 0.00	49.76 1.83 0.00	82.38 2.96 0.00	222.51 9.23 0.00	58.08 2.43 0.00	35.74 1.00 0.00	37.28 0.86 0.00	35.14 0.52 0.00	32.24 0.43 0.00	28.84 0.40 0.00	27.54 0.40 0.00	28.13 0.49 0.00	27.21 0.77 0.00	31.63 1.07 0.00	52.02 1.94 0.00	101.93 3.96 0.00	76.16 3.00 0.00	47.98 1.93 0.00	41.92 1.44 0.00	44.08 1.56 0.00

IP___TICONDEROGA 23804	48.11 2.52 0.00	45.46 2.42 0.00	42.35 2.20 0.00	46.17 2.40 0.00	46.54 2.52 0.00	51.53 3.60 0.00	85.22 5.80 0.00	231.50 18.23 0.00	60.78 5.14 0.00	37.00 2.26 0.00	38.53 2.12 0.00	36.02 1.41 0.00	32.96 1.15 0.00	29.48 1.03 0.00	28.26 1.11 0.00	28.86 1.22 0.00	28.00 1.57 0.00	32.46 1.89 0.00	53.44 3.35 0.00	104.97 7.00 0.00	78.38 5.23 0.00	49.50 3.45 0.00	43.19 2.71 0.00	45.33 2.81 0.00
ISLIP_RES_REC 323679	46.45 0.86 0.00	43.43 0.38 0.00	40.86 0.71 0.00	44.61 0.84 0.00	44.69 0.67 0.00	49.22 1.30 0.00	80.69 1.28 0.00	215.98 6.67 3.96	57.16 1.51 0.00	36.66 1.92 0.00	38.70 2.29 0.00	36.39 1.78 0.00	33.36 1.55 0.00	29.78 1.34 0.00	28.62 1.47 0.00	29.16 1.52 0.00	29.10 1.83 -0.84	32.11 1.55 0.00	51.77 1.68 0.00	101.21 3.24 0.00	76.06 2.91 0.00	48.50 2.46 0.00	42.60 2.12 0.00	44.29 1.78 0.00
JAMAICA__27_KV_LOAD 355505	46.82 1.23 0.00	44.25 1.21 0.00	41.36 1.21 0.00	45.13 1.36 0.00	45.40 1.39 0.00	49.65 1.72 0.00	82.44 3.02 0.00	226.76 10.39 -3.10	58.32 2.67 0.00	36.57 1.83 0.00	38.51 2.09 0.00	36.68 2.07 0.00	33.66 1.84 0.00	29.96 1.51 0.00	28.61 1.46 0.00	29.10 1.47 0.00	28.87 1.61 -0.83	32.39 1.83 0.00	52.40 2.31 0.00	102.53 4.56 0.00	76.78 3.63 0.00	48.46 2.42 0.00	42.42 1.95 0.00	44.15 1.64 0.00
JANIS___SOLAR 323808	47.10 1.51 0.00	44.43 1.38 0.00	41.52 1.37 0.00	45.39 1.63 0.00	45.56 1.55 0.00	49.62 1.69 0.00	83.24 3.82 0.00	224.81 11.54 0.00	57.66 2.01 0.00	35.32 0.58 0.00	36.66 0.25 0.00	34.96 0.35 0.00	32.10 0.29 0.00	28.52 0.07 0.00	27.19 0.05 0.00	27.66 0.03 0.00	26.42 -0.01 0.00	30.83 0.25 0.00	51.61 1.52 0.00	102.06 4.08 0.00	75.92 2.76 0.00	47.19 1.14 0.00	41.09 0.61 0.00	43.08 0.57 0.00
JARVIS____ 23743	45.50 -0.09 0.00	42.99 -0.06 0.00	40.11 -0.04 0.00	43.73 -0.03 0.00	43.97 -0.04 0.00	47.97 0.04 0.00	79.50 0.08 0.00	213.91 0.64 0.00	55.75 0.10 0.00	34.74 0.00 0.00	36.41 -0.01 0.00	34.58 -0.03 0.00	31.74 -0.07 0.00	28.39 -0.06 0.00	27.11 -0.04 0.00	27.61 -0.03 0.00	26.46 0.03 0.00	30.68 0.11 0.00	50.29 0.20 0.00	98.35 0.37 0.00	73.38 0.23 0.00	46.18 0.14 0.00	40.54 0.06 0.00	42.52 0.00 0.00
JENNISON___1 23625	46.28 0.68 0.00	43.48 0.44 0.00	40.82 0.67 0.00	44.75 0.98 0.00	44.67 0.65 0.00	48.56 0.63 0.00	81.74 2.33 0.00	223.81 10.54 0.00	57.77 2.13 0.00	35.85 1.11 0.00	37.43 1.01 0.00	35.70 1.08 0.00	32.75 0.94 0.00	29.13 0.68 0.00	27.77 0.63 0.00	28.22 0.58 0.00	26.94 0.51 0.00	31.33 0.76 0.00	52.01 1.92 0.00	102.20 4.23 0.00	75.98 2.83 0.00	46.98 0.93 0.00	40.81 0.33 0.00	42.71 0.19 0.00
JENNISON___2 23626	46.28 0.68 0.00	43.48 0.44 0.00	40.82 0.67 0.00	44.75 0.98 0.00	44.67 0.65 0.00	48.56 0.63 0.00	81.74 2.33 0.00	223.81 10.54 0.00	57.77 2.13 0.00	35.85 1.11 0.00	37.43 1.01 0.00	35.70 1.08 0.00	32.75 0.94 0.00	29.13 0.68 0.00	27.77 0.63 0.00	28.22 0.58 0.00	26.94 0.51 0.00	31.33 0.76 0.00	52.01 1.92 0.00	102.20 4.23 0.00	75.98 2.83 0.00	46.98 0.93 0.00	40.81 0.33 0.00	42.71 0.19 0.00
JERICHO_RISE_WT_PWR 323719	47.12 1.52 0.00	44.42 1.38 0.00	41.54 1.39 0.00	45.28 1.51 0.00	45.73 1.71 0.00	49.60 1.67 0.00	81.92 2.50 0.00	219.85 6.58 0.00	57.50 1.85 0.00	35.76 1.02 0.00	37.41 1.00 0.00	35.40 0.79 0.00	32.58 0.77 0.00	29.17 0.73 0.00	27.75 0.60 0.00	28.24 0.60 0.00	26.92 0.49 0.00	31.16 0.59 0.00	51.00 0.91 0.00	99.93 1.96 0.00	74.80 1.65 0.00	47.27 1.23 0.00	41.72 1.24 0.00	43.93 1.41 0.00
KATONAH__115KV_46KV_TB4 355592	46.69 1.10 0.00	44.05 1.01 0.00	41.18 1.04 0.00	44.98 1.21 0.00	45.20 1.19 0.00	49.54 1.62 0.00	82.29 2.88 0.00	223.32 10.05 0.00	58.12 2.48 0.00	36.58 1.84 0.00	38.39 1.98 0.00	36.35 1.73 0.00	33.15 1.33 0.00	29.60 1.15 0.00	28.29 1.15 0.00	28.82 1.18 0.00	28.32 1.30 -0.58	32.10 1.53 0.00	52.32 2.23 0.00	102.31 4.34 0.00	76.55 3.39 0.00	48.31 2.26 0.00	42.37 1.89 0.00	44.10 1.58 0.00
KCE_NY_1 323755	47.05 1.46 0.00	44.36 1.32 0.00	41.49 1.34 0.00	45.27 1.51 0.00	45.49 1.48 0.00	49.90 1.97 0.00	82.68 3.26 0.00	222.95 9.68 0.00	58.15 2.50 0.00	35.92 1.18 0.00	37.53 1.12 0.00	35.50 0.88 0.00	32.58 0.76 0.00	29.13 0.69 0.00	27.84 0.70 0.00	28.41 0.77 0.00	27.44 1.01 0.00	31.98 1.41 0.00	52.45 2.36 0.00	102.67 4.69 0.00	76.61 3.46 0.00	48.17 2.13 0.00	42.19 1.71 0.00	44.38 1.86 0.00
KCE_NY_6_ESR 323823	45.10 -0.49 0.00	42.74 -0.30 0.00	39.37 -0.78 0.00	42.63 -1.14 0.00	42.85 -1.17 0.00	46.26 -1.67 0.00	77.16 -2.25 0.00	203.63 -9.64 0.00	52.99 -2.66 0.00	33.64 -1.10 0.00	35.29 -1.12 0.00	33.71 -0.91 0.00	31.16 -0.65 0.00	27.68 -0.77 0.00	26.24 -0.91 0.00	26.67 -0.97 0.00	24.94 -1.49 0.00	28.45 -2.12 0.00	47.31 -2.78 0.00	93.15 -4.82 0.00	69.07 -4.08 0.00	42.87 -3.18 0.00	37.58 -2.90 0.00	40.04 -2.48 0.00
KEDC_PORT_JEFF_GT2 24210	46.31 0.72 0.00	43.33 0.28 0.00	40.75 0.60 0.00	44.48 0.72 0.00	44.57 0.55 0.00	49.06 1.14 0.00	80.39 0.97 0.00	215.10 5.81 3.99	56.76 1.12 0.00	36.54 1.80 0.00	38.59 2.18 0.00	36.32 1.70 0.00	33.29 1.48 0.00	29.72 1.27 0.00	28.56 1.42 0.00	29.09 1.45 0.00	29.04 1.77 -0.84	32.02 1.45 0.00	51.44 1.35 0.00	100.47 2.50 0.00	75.60 2.45 0.00	48.34 2.30 0.00	42.48 2.00 0.00	44.19 1.67 0.00
KEDC_PORT_JEFF_GT3 24211	46.31 0.72 0.00	43.33 0.28 0.00	40.75 0.60 0.00	44.48 0.72 0.00	44.57 0.55 0.00	49.06 1.14 0.00	80.39 0.97 0.00	215.10 5.81 3.99	56.76 1.12 0.00	36.54 1.80 0.00	38.59 2.18 0.00	36.32 1.70 0.00	33.29 1.48 0.00	29.72 1.27 0.00	28.56 1.42 0.00	29.09 1.45 0.00	29.04 1.77 -0.84	32.02 1.45 0.00	51.44 1.35 0.00	100.47 2.50 0.00	75.60 2.45 0.00	48.34 2.30 0.00	42.48 2.00 0.00	44.19 1.67 0.00
KEDC_GLWD_GT4 24219	46.70 1.11 0.00	43.95 0.90 0.00	41.15 1.00 0.00	44.92 1.15 0.00	45.05 1.03 0.00	49.45 1.52 0.00	81.57 2.16 0.00	221.04 8.35 0.58	57.76 2.11 0.00	36.55 1.81 0.00	38.51 2.09 0.00	36.41 1.79 0.00	33.37 1.56 0.00	29.80 1.35 0.00	28.55 1.40 0.00	29.08 1.44 0.00	28.92 1.65 -0.84	32.23 1.66 0.00	52.27 2.18 0.00	102.07 4.10 0.00	76.54 3.39 0.00	48.53 2.48 0.00	42.57 2.09 0.00	44.35 1.84 0.00
KEDC_GLWD_GT5 24220	46.70 1.11 0.00	43.95 0.90 0.00	41.15 1.00 0.00	44.92 1.15 0.00	45.05 1.03 0.00	49.45 1.52 0.00	81.57 2.16 0.00	221.04 8.35 0.58	57.76 2.11 0.00	36.55 1.81 0.00	38.51 2.09 0.00	36.41 1.79 0.00	33.37 1.56 0.00	29.80 1.35 0.00	28.55 1.40 0.00	29.08 1.44 0.00	28.92 1.65 -0.84	32.23 1.66 0.00	52.27 2.18 0.00	102.07 4.10 0.00	76.54 3.39 0.00	48.53 2.48 0.00	42.57 2.09 0.00	44.35 1.84 0.00

KENSICO____ 23655	46.43 0.83 0.00	43.82 0.78 0.00	40.96 0.81 0.00	44.74 0.97 0.00	44.93 0.91 0.00	49.24 1.30 0.00	81.65 2.23 0.00	221.63 8.36 0.00	57.69 2.04 0.00	36.14 1.40 0.00	37.99 1.58 0.00	36.01 1.40 0.00	33.02 1.20 0.00	29.49 1.04 0.00	28.21 1.07 0.00	28.72 1.09 0.00	28.55 1.21 -0.90	31.95 1.38 0.00	52.01 1.92 0.00	101.66 3.68 0.00	76.10 2.95 0.00	48.05 2.01 0.00	42.16 1.68 0.00	43.88 1.36 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	46.86 1.26 0.00	44.23 1.19 0.00	41.33 1.18 0.00	45.13 1.36 0.00	45.36 1.35 0.00	49.68 1.75 0.00	82.68 3.27 0.00	224.32 11.05 0.00	58.24 2.60 0.00	36.19 1.45 0.00	37.85 1.44 0.00	35.80 1.18 0.00	32.78 0.96 0.00	29.26 0.81 0.00	27.97 0.83 0.00	28.50 0.87 0.00	27.44 1.01 0.00	31.88 1.31 0.00	52.29 2.20 0.00	102.55 4.58 0.00	76.76 3.61 0.00	48.39 2.34 0.00	42.38 1.90 0.00	44.09 1.57 0.00
KIAC_JFK_GT1 23816	46.52 0.92 0.00	43.97 0.92 0.00	41.09 0.94 0.00	44.84 1.07 0.00	45.11 1.09 0.00	49.33 1.40 0.00	81.86 2.44 0.00	225.06 8.69 -3.10	57.90 2.25 0.00	36.35 1.60 0.00	38.29 1.88 0.00	36.46 1.85 0.00	33.46 1.65 0.00	29.80 1.36 0.00	28.47 1.33 0.00	28.96 1.32 0.00	28.72 1.46 -0.83	32.20 1.63 0.00	52.06 1.97 0.00	101.82 3.85 0.00	76.21 3.06 0.00	48.15 2.11 0.00	42.18 1.70 0.00	43.91 1.39 0.00
KIAC_JFK_GT2 23817	46.52 0.92 0.00	43.97 0.92 0.00	41.09 0.94 0.00	44.84 1.07 0.00	45.11 1.09 0.00	49.33 1.40 0.00	81.86 2.44 0.00	225.06 8.69 -3.10	57.90 2.25 0.00	36.35 1.60 0.00	38.29 1.88 0.00	36.46 1.85 0.00	33.46 1.65 0.00	29.80 1.36 0.00	28.47 1.33 0.00	28.96 1.32 0.00	28.72 1.46 -0.83	32.20 1.63 0.00	52.06 1.97 0.00	101.82 3.85 0.00	76.21 3.06 0.00	48.15 2.11 0.00	42.18 1.70 0.00	43.91 1.39 0.00
KIAC_JFK____ 323774	46.52 0.93 0.00	43.96 0.92 0.00	41.09 0.94 0.00	44.84 1.07 0.00	45.10 1.09 0.00	49.33 1.41 0.00	81.86 2.44 0.00	225.28 8.91 -3.10	57.90 2.25 0.00	36.35 1.60 0.00	38.29 1.88 0.00	36.48 1.86 0.00	33.46 1.65 0.00	29.80 1.36 0.00	28.47 1.33 0.00	28.96 1.32 0.00	28.72 1.46 -0.83	32.21 1.64 0.00	52.06 1.97 0.00	101.81 3.84 0.00	76.21 3.05 0.00	48.15 2.11 0.00	42.19 1.71 0.00	43.90 1.38 0.00
KINTIGH____ 23543	44.11 -1.48 0.00	41.85 -1.20 0.00	38.63 -1.52 0.00	41.86 -1.91 0.00	42.06 -1.95 0.00	45.42 -2.51 0.00	75.57 -3.85 0.00	199.88 -13.39 0.00	52.09 -3.56 0.00	32.99 -1.75 0.00	34.64 -1.77 0.00	33.08 -1.53 0.00	30.56 -1.25 0.00	27.24 -1.21 0.00	25.87 -1.27 0.00	26.31 -1.32 0.00	24.69 -1.74 0.00	28.18 -2.39 0.00	46.61 -3.48 0.00	91.61 -6.36 0.00	68.06 -5.09 0.00	42.35 -3.69 0.00	37.21 -3.27 0.00	39.65 -2.87 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	48.01 2.42 0.00	45.28 2.23 0.00	42.46 2.31 0.00	46.28 2.52 0.00	46.75 2.73 0.00	50.55 2.62 0.00	83.22 3.81 0.00	224.83 11.55 0.00	58.80 3.16 0.00	36.39 1.65 0.00	38.10 1.68 0.00	35.99 1.37 0.00	33.10 1.28 0.00	29.68 1.24 0.00	28.25 1.11 0.00	28.77 1.13 0.00	27.40 0.97 0.00	31.78 1.22 0.00	51.98 1.89 0.00	101.98 4.01 0.00	76.44 3.28 0.00	48.54 2.49 0.00	42.63 2.15 0.00	44.83 2.31 0.00
LACHUTE__HYDRO 323717	48.11 2.52 0.00	45.46 2.42 0.00	42.35 2.20 0.00	46.16 2.39 0.00	46.54 2.52 0.00	51.53 3.60 0.00	85.22 5.81 0.00	231.50 18.23 0.00	60.79 5.14 0.00	37.00 2.26 0.00	38.53 2.12 0.00	36.02 1.41 0.00	32.96 1.15 0.00	29.48 1.03 0.00	28.26 1.11 0.00	28.86 1.22 0.00	28.00 1.57 0.00	32.47 1.90 0.00	53.44 3.35 0.00	104.97 7.00 0.00	78.38 5.23 0.00	49.50 3.45 0.00	43.19 2.71 0.00	45.33 2.81 0.00
LAWRNCV_115KV_TB1 80681	46.65 1.06 0.00	43.88 0.84 0.00	40.84 0.69 0.00	44.51 0.74 0.00	44.98 0.97 0.00	48.97 1.04 0.00	81.25 1.84 0.00	216.99 3.71 0.00	56.48 0.83 0.00	35.04 0.30 0.00	36.50 0.09 0.00	34.60 -0.01 0.00	31.78 -0.03 0.00	28.42 -0.03 0.00	27.06 -0.08 0.00	27.54 -0.10 0.00	26.25 -0.18 0.00	30.46 -0.11 0.00	50.19 0.10 0.00	98.64 0.67 0.00	73.60 0.45 0.00	46.25 0.20 0.00	40.86 0.38 0.00	43.06 0.54 0.00
LEDERLE____ 23769	46.34 0.75 0.00	43.75 0.70 0.00	40.89 0.74 0.00	44.68 0.91 0.00	44.89 0.88 0.00	49.30 1.37 0.00	81.94 2.53 0.00	222.57 9.29 0.00	57.84 2.19 0.00	36.08 1.34 0.00	37.89 1.47 0.00	35.94 1.33 0.00	32.93 1.12 0.00	29.43 0.98 0.00	28.14 1.00 0.00	28.66 1.02 0.00	27.56 1.13 0.00	31.82 1.25 0.00	51.85 1.76 0.00	101.43 3.46 0.00	75.99 2.83 0.00	47.92 1.88 0.00	42.02 1.54 0.00	43.70 1.18 0.00
LIGHTHSE_115KV_TB6 355974	45.15 -0.44 0.00	42.73 -0.32 0.00	39.85 -0.30 0.00	43.42 -0.35 0.00	43.64 -0.37 0.00	47.47 -0.46 0.00	79.09 -0.32 0.00	212.30 -0.97 0.00	54.91 -0.74 0.00	33.95 -0.80 0.00	35.34 -1.07 0.00	33.51 -1.10 0.00	30.76 -1.06 0.00	27.54 -0.91 0.00	26.21 -0.94 0.00	26.70 -0.94 0.00	25.45 -0.99 0.00	29.70 -0.87 0.00	49.18 -0.91 0.00	96.64 -1.33 0.00	71.84 -1.31 0.00	44.80 -1.24 0.00	39.18 -1.30 0.00	41.23 -1.29 0.00
LINDEN COGEN____ 23786	46.32 0.73 0.00	43.71 0.66 0.00	40.85 0.70 0.00	44.65 0.88 0.00	44.85 0.84 0.00	49.11 1.18 0.00	81.43 2.01 0.00	221.49 8.21 0.00	57.59 1.95 0.00	36.10 1.35 0.00	38.00 1.59 0.00	36.05 1.43 0.00	33.02 1.20 0.00	29.52 1.07 0.00	28.22 1.08 0.00	28.74 1.10 0.00	28.48 1.22 -0.83	31.97 1.40 0.00	51.95 1.86 0.00	100.37 3.55 1.15	75.98 2.83 0.00	47.97 1.92 0.00	42.11 1.63 0.00	43.76 1.24 0.00
LINDHRST_69_KV_BK1 356055	46.79 1.20 0.00	43.93 0.89 0.00	41.21 1.06 0.00	44.97 1.20 0.00	45.02 1.00 0.00	49.51 1.59 0.00	81.41 2.00 0.00	218.10 8.39 3.57	57.73 2.09 0.00	36.68 1.94 0.00	38.64 2.23 0.00	36.43 1.82 0.00	33.39 1.57 0.00	29.81 1.37 0.00	28.60 1.46 0.00	29.14 1.50 0.00	29.02 1.75 -0.84	32.26 1.70 0.00	52.30 2.21 0.00	102.11 4.14 0.00	76.68 3.53 0.00	48.72 2.68 0.00	42.72 2.24 0.00	44.48 1.96 0.00
LIPA_MISC_IPP 23656	45.76 0.17 0.00	42.69 -0.35 0.00	40.26 0.11 0.00	43.97 0.20 0.00	44.03 0.02 0.00	48.50 0.57 0.00	79.22 -0.20 0.00	212.25 2.98 4.00	56.14 0.50 0.00	36.25 1.51 0.00	38.37 1.96 0.00	36.07 1.46 0.00	33.10 1.28 0.00	29.56 1.11 0.00	28.44 1.29 0.00	28.94 1.31 0.00	28.91 1.63 -0.84	31.62 1.05 0.00	50.83 0.74 0.00	99.46 1.49 0.00	74.70 1.54 0.00	47.86 1.81 0.00	42.06 1.58 0.00	43.79 1.27 0.00
LISF__SOLAR 323691	45.81 0.22 0.00	42.73 -0.31 0.00	40.30 0.15 0.00	44.01 0.24 0.00	44.07 0.06 0.00	48.56 0.63 0.00	79.31 -0.10 0.00	212.31 3.04 4.00	56.20 0.55 0.00	36.32 1.57 0.00	38.42 2.01 0.00	36.09 1.48 0.00	33.10 1.29 0.00	29.56 1.12 0.00	28.45 1.31 0.00	28.96 1.32 0.00	28.93 1.67 -0.84	31.64 1.07 0.00	50.87 0.78 0.00	99.63 1.65 0.00	74.84 1.69 0.00	47.94 1.90 0.00	42.13 1.65 0.00	43.85 1.33 0.00

LITTLE FALLS___HYD 24013	44.79 -0.80 0.00	42.23 -0.81 0.00	39.17 -0.97 0.00	42.78 -0.99 0.00	42.99 -1.02 0.00	47.38 -0.55 0.00	78.45 -0.97 0.00	212.81 -0.46 0.00	54.73 -0.92 0.00	33.09 -1.65 0.00	34.37 -2.05 0.00	32.56 -2.06 0.00	29.86 -1.95 0.00	26.74 -1.71 0.00	25.52 -1.62 0.00	25.95 -1.69 0.00	25.15 -1.28 0.00	29.89 -0.67 0.00	50.31 0.22 0.00	98.82 0.85 0.00	73.50 0.35 0.00	46.33 0.28 0.00	40.63 0.15 0.00	42.51 -0.01 0.00
LITTLRIV_115KV_TB1 356100	47.50 1.91 0.00	44.67 1.62 0.00	41.56 1.41 0.00	45.29 1.52 0.00	45.83 1.82 0.00	49.90 1.97 0.00	82.99 3.57 0.00	221.29 8.02 0.00	57.32 1.67 0.00	35.31 0.57 0.00	36.67 0.26 0.00	34.77 0.15 0.00	31.94 0.12 0.00	28.56 0.12 0.00	27.22 0.08 0.00	27.70 0.06 0.00	26.37 -0.06 0.00	30.66 0.09 0.00	50.88 0.79 0.00	100.47 2.49 0.00	74.97 1.82 0.00	47.06 1.01 0.00	41.57 1.09 0.00	43.81 1.29 0.00
LI_NEWBRDGE___DRP 323616	46.29 0.70 0.00	43.56 0.51 0.00	40.81 0.66 0.00	44.54 0.76 0.00	44.65 0.63 0.00	49.03 1.10 0.00	80.76 1.35 0.00	214.92 6.35 4.70	57.18 1.53 0.00	36.22 1.48 0.00	38.19 1.78 0.00	36.09 1.48 0.00	33.08 1.27 0.00	29.55 1.10 0.00	28.32 1.18 0.00	28.85 1.22 0.00	28.69 1.42 -0.84	31.94 1.37 0.00	51.76 1.67 0.00	101.07 3.10 0.00	75.79 2.64 0.00	48.11 2.06 0.00	42.21 1.73 0.00	43.96 1.44 0.00
LOCKPORT_115KV_TB60_63_64 80432	44.05 -1.55 0.00	41.83 -1.21 0.00	38.47 -1.67 0.00	41.66 -2.11 0.00	41.96 -2.05 0.00	45.35 -2.58 0.00	75.51 -3.90 0.00	197.86 -15.41 0.00	51.64 -4.01 0.00	32.79 -1.95 0.00	34.37 -2.04 0.00	32.80 -1.81 0.00	30.29 -1.52 0.00	26.96 -1.48 0.00	25.59 -1.56 0.00	26.02 -1.62 0.00	24.30 -2.13 0.00	27.67 -2.90 0.00	45.96 -4.13 0.00	90.57 -7.40 0.00	67.25 -5.90 0.00	41.74 -4.30 0.00	36.69 -3.79 0.00	39.24 -3.27 0.00
LOCKPORT___CC1 323769	44.01 -1.58 0.00	41.82 -1.22 0.00	38.47 -1.68 0.00	41.63 -2.14 0.00	41.91 -2.10 0.00	45.28 -2.65 0.00	75.39 -4.02 0.00	197.68 -15.59 0.00	51.59 -4.05 0.00	32.75 -1.99 0.00	34.34 -2.08 0.00	32.76 -1.85 0.00	30.27 -1.54 0.00	26.94 -1.51 0.00	25.56 -1.59 0.00	26.00 -1.64 0.00	24.29 -2.14 0.00	27.66 -2.91 0.00	45.96 -4.13 0.00	90.57 -7.40 0.00	67.23 -5.93 0.00	41.73 -4.32 0.00	36.63 -3.85 0.00	39.20 -3.33 0.00
LOCKPORT___CC2 323770	44.01 -1.58 0.00	41.82 -1.22 0.00	38.47 -1.68 0.00	41.63 -2.14 0.00	41.91 -2.10 0.00	45.28 -2.65 0.00	75.39 -4.02 0.00	197.68 -15.59 0.00	51.59 -4.05 0.00	32.75 -1.99 0.00	34.34 -2.08 0.00	32.76 -1.85 0.00	30.27 -1.54 0.00	26.94 -1.51 0.00	25.56 -1.59 0.00	26.00 -1.64 0.00	24.29 -2.14 0.00	27.66 -2.91 0.00	45.96 -4.13 0.00	90.57 -7.40 0.00	67.23 -5.93 0.00	41.73 -4.32 0.00	36.63 -3.85 0.00	39.20 -3.33 0.00
LOCKPORT___CC3 323771	44.01 -1.58 0.00	41.82 -1.22 0.00	38.47 -1.68 0.00	41.63 -2.14 0.00	41.91 -2.10 0.00	45.28 -2.65 0.00	75.39 -4.02 0.00	197.68 -15.59 0.00	51.59 -4.05 0.00	32.75 -1.99 0.00	34.34 -2.08 0.00	32.76 -1.85 0.00	30.27 -1.54 0.00	26.94 -1.51 0.00	25.56 -1.59 0.00	26.00 -1.64 0.00	24.29 -2.14 0.00	27.66 -2.91 0.00	45.96 -4.13 0.00	90.57 -7.40 0.00	67.23 -5.93 0.00	41.73 -4.32 0.00	36.63 -3.85 0.00	39.20 -3.33 0.00
LONG_LAKE_PHOENIX 24014	44.46 -1.14 0.00	42.00 -1.04 0.00	39.17 -0.98 0.00	42.68 -1.09 0.00	42.85 -1.17 0.00	46.51 -1.42 0.00	77.28 -2.14 0.00	207.46 -5.82 0.00	53.93 -1.72 0.00	33.65 -1.09 0.00	35.24 -1.17 0.00	33.60 -1.02 0.00	30.93 -0.89 0.00	27.64 -0.81 0.00	26.34 -0.80 0.00	26.82 -0.82 0.00	25.56 -0.88 0.00	29.53 -1.04 0.00	48.56 -1.53 0.00	95.20 -2.77 0.00	70.98 -2.17 0.00	44.51 -1.53 0.00	39.01 -1.46 0.00	41.11 -1.41 0.00
LOVETT___3 23632	46.14 0.55 0.00	43.57 0.53 0.00	40.72 0.57 0.00	44.49 0.73 0.00	44.70 0.68 0.00	48.93 1.01 0.00	81.24 1.82 0.00	220.53 7.26 0.00	57.34 1.69 0.00	35.82 1.08 0.00	37.63 1.22 0.00	35.70 1.08 0.00	32.72 0.90 0.00	29.22 0.78 0.00	27.96 0.82 0.00	28.47 0.84 0.00	28.64 0.94 -1.27	31.67 1.10 0.00	51.60 1.51 0.00	100.92 2.94 0.00	75.59 2.44 0.00	47.71 1.67 0.00	41.85 1.37 0.00	43.55 1.03 0.00
LOVETT___4 23642	46.14 0.55 0.00	43.57 0.53 0.00	40.72 0.57 0.00	44.49 0.73 0.00	44.70 0.68 0.00	48.93 1.01 0.00	81.24 1.82 0.00	220.53 7.26 0.00	57.34 1.69 0.00	35.82 1.08 0.00	37.63 1.22 0.00	35.70 1.08 0.00	32.72 0.90 0.00	29.22 0.78 0.00	27.96 0.82 0.00	28.47 0.84 0.00	28.64 0.94 -1.27	31.67 1.10 0.00	51.60 1.51 0.00	100.92 2.94 0.00	75.59 2.44 0.00	47.71 1.67 0.00	41.85 1.37 0.00	43.55 1.03 0.00
LOVETT___5 23593	46.14 0.55 0.00	43.57 0.53 0.00	40.72 0.57 0.00	44.49 0.73 0.00	44.70 0.68 0.00	48.93 1.01 0.00	81.24 1.82 0.00	220.53 7.26 0.00	57.34 1.69 0.00	35.82 1.08 0.00	37.63 1.22 0.00	35.70 1.08 0.00	32.72 0.90 0.00	29.22 0.78 0.00	27.96 0.82 0.00	28.47 0.84 0.00	28.64 0.94 -1.27	31.67 1.10 0.00	51.60 1.51 0.00	100.92 2.94 0.00	75.59 2.44 0.00	47.71 1.67 0.00	41.85 1.37 0.00	43.55 1.03 0.00
LOWER RAQUET___HYD 24057	46.56 0.96 0.00	43.80 0.75 0.00	40.76 0.61 0.00	44.42 0.65 0.00	44.93 0.92 0.00	48.90 0.97 0.00	81.20 1.79 0.00	216.81 3.54 0.00	56.39 0.75 0.00	34.92 0.18 0.00	36.35 -0.06 0.00	34.44 -0.18 0.00	31.62 -0.19 0.00	28.28 -0.17 0.00	26.93 -0.21 0.00	27.40 -0.24 0.00	26.12 -0.31 0.00	30.35 -0.22 0.00	50.06 -0.03 0.00	98.45 0.47 0.00	73.44 0.29 0.00	46.12 0.07 0.00	40.74 0.26 0.00	42.93 0.41 0.00
LOWER___HUDSON 24059	46.01 0.42 0.00	43.51 0.47 0.00	40.69 0.54 0.00	44.36 0.59 0.00	44.59 0.58 0.00	48.85 0.92 0.00	80.62 1.20 0.00	217.37 4.10 0.00	56.95 1.30 0.00	35.38 0.64 0.00	37.07 0.66 0.00	35.15 0.53 0.00	32.29 0.47 0.00	28.88 0.43 0.00	27.61 0.47 0.00	28.16 0.53 0.00	27.13 0.70 0.00	31.50 0.93 0.00	51.50 1.41 0.00	100.49 2.52 0.00	75.12 1.97 0.00	47.46 1.41 0.00	41.65 1.17 0.00	43.72 1.20 0.00
LOWVILLE_115KV_TB2 356335	46.59 0.99 0.00	44.20 1.15 0.00	41.21 1.06 0.00	44.95 1.18 0.00	45.33 1.32 0.00	49.57 1.64 0.00	82.70 3.28 0.00	221.93 8.66 0.00	57.19 1.55 0.00	35.01 0.27 0.00	36.22 -0.20 0.00	34.07 -0.55 0.00	31.10 -0.72 0.00	27.91 -0.53 0.00	26.54 -0.60 0.00	27.06 -0.57 0.00	25.91 -0.52 0.00	30.58 0.01 0.00	50.91 0.82 0.00	100.17 2.20 0.00	74.03 0.88 0.00	45.88 -0.16 0.00	40.08 -0.40 0.00	42.04 -0.48 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	47.02 1.43 0.00	44.37 1.33 0.00	41.47 1.32 0.00	45.24 1.47 0.00	45.50 1.48 0.00	49.91 1.98 0.00	82.61 3.20 0.00	222.78 9.51 0.00	58.11 2.46 0.00	35.90 1.15 0.00	37.51 1.10 0.00	35.48 0.86 0.00	32.57 0.75 0.00	29.12 0.68 0.00	27.82 0.68 0.00	28.40 0.76 0.00	27.42 0.99 0.00	31.91 1.35 0.00	52.42 2.33 0.00	102.55 4.58 0.00	76.59 3.44 0.00	48.20 2.15 0.00	42.20 1.72 0.00	44.37 1.86 0.00

LUTHERNY_35_KV_BK2 355980	47.05 1.46 0.00	44.36 1.32 0.00	41.49 1.34 0.00	45.27 1.51 0.00	45.49 1.48 0.00	49.90 1.97 0.00	82.68 3.26 0.00	222.95 9.67 0.00	58.15 2.50 0.00	35.92 1.18 0.00	37.53 1.12 0.00	35.49 0.88 0.00	32.58 0.76 0.00	29.13 0.69 0.00	27.84 0.70 0.00	28.41 0.77 0.00	27.44 1.01 0.00	31.97 1.41 0.00	52.45 2.36 0.00	102.67 4.69 0.00	76.61 3.46 0.00	48.17 2.13 0.00	42.19 1.71 0.00	44.38 1.86 0.00
LWR___OSWEGATCHIE_HYD 23850	46.12 0.52 0.00	43.55 0.51 0.00	40.56 0.41 0.00	44.24 0.47 0.00	44.68 0.67 0.00	48.75 0.83 0.00	81.18 1.76 0.00	217.36 4.09 0.00	56.22 0.57 0.00	34.57 -0.17 0.00	35.83 -0.59 0.00	33.80 -0.81 0.00	30.96 -0.86 0.00	27.73 -0.72 0.00	26.38 -0.77 0.00	26.87 -0.77 0.00	25.66 -0.77 0.00	30.09 -0.48 0.00	49.93 -0.16 0.00	98.29 0.32 0.00	72.98 -0.17 0.00	45.52 -0.53 0.00	39.97 -0.51 0.00	42.04 -0.48 0.00
LYONS_FALL_HYD 23570	46.53 0.94 0.00	44.06 1.02 0.00	41.07 0.93 0.00	44.82 1.05 0.00	45.15 1.13 0.00	49.34 1.42 0.00	82.25 2.83 0.00	220.85 7.57 0.00	57.09 1.45 0.00	35.12 0.38 0.00	36.46 0.05 0.00	34.40 -0.21 0.00	31.47 -0.35 0.00	28.20 -0.24 0.00	26.85 -0.30 0.00	27.36 -0.28 0.00	26.23 -0.21 0.00	30.80 0.23 0.00	51.07 0.98 0.00	100.30 2.32 0.00	74.36 1.21 0.00	46.30 0.26 0.00	40.49 0.01 0.00	42.46 -0.06 0.00
MADISON___COUNTY_LFGE 323628	46.54 0.95 0.00	43.96 0.91 0.00	40.98 0.83 0.00	44.70 0.93 0.00	44.96 0.95 0.00	49.08 1.15 0.00	81.77 2.36 0.00	219.90 6.63 0.00	56.95 1.30 0.00	35.18 0.44 0.00	36.71 0.30 0.00	34.82 0.20 0.00	31.95 0.14 0.00	28.56 0.11 0.00	27.21 0.07 0.00	27.71 0.07 0.00	26.57 0.13 0.00	30.94 0.38 0.00	51.19 1.10 0.00	100.53 2.56 0.00	74.85 1.70 0.00	46.79 0.74 0.00	40.97 0.49 0.00	42.94 0.43 0.00
MALONE___115KV_TB1 356076	47.63 2.04 0.00	44.86 1.81 0.00	41.92 1.77 0.00	45.66 1.89 0.00	46.18 2.17 0.00	50.18 2.26 0.00	83.17 3.75 0.00	223.03 9.76 0.00	58.20 2.56 0.00	36.08 1.33 0.00	37.57 1.15 0.00	35.50 0.89 0.00	32.62 0.81 0.00	29.15 0.71 0.00	27.70 0.56 0.00	28.18 0.54 0.00	26.86 0.43 0.00	31.15 0.58 0.00	51.22 1.13 0.00	100.73 2.76 0.00	75.35 2.20 0.00	47.51 1.46 0.00	41.92 1.44 0.00	44.12 1.60 0.00
MAPLEWOD_115KV_TB3 80458	45.90 0.31 0.00	43.44 0.39 0.00	40.59 0.44 0.00	44.25 0.48 0.00	44.52 0.50 0.00	49.04 1.11 0.00	80.97 1.56 0.00	218.56 5.29 0.00	57.24 1.59 0.00	35.51 0.77 0.00	37.18 0.77 0.00	35.29 0.67 0.00	32.42 0.61 0.00	29.01 0.56 0.00	27.73 0.58 0.00	28.28 0.64 0.00	27.25 0.81 0.00	31.62 1.05 0.00	51.72 1.63 0.00	100.59 2.62 0.00	74.92 1.76 0.00	47.34 1.30 0.00	41.62 1.14 0.00	43.70 1.18 0.00
MAPLE_RIDGE_WT_1 323574	45.74 0.15 0.00	43.23 0.19 0.00	40.28 0.14 0.00	43.93 0.16 0.00	44.24 0.22 0.00	48.17 0.24 0.00	79.81 0.39 0.00	214.12 0.85 0.00	55.89 0.24 0.00	34.88 0.14 0.00	36.52 0.11 0.00	34.64 0.03 0.00	31.63 -0.19 0.00	28.34 -0.11 0.00	27.06 -0.08 0.00	27.58 -0.07 0.00	26.34 -0.09 0.00	30.56 0.00 0.00	50.08 -0.01 0.00	97.76 -0.21 0.00	72.44 -0.71 0.00	45.17 -0.87 0.00	39.53 -0.95 0.00	41.41 -1.11 0.00
MAPLE_RIDGE_WT_2 323611	45.74 0.15 0.00	43.23 0.19 0.00	40.28 0.14 0.00	43.93 0.16 0.00	44.24 0.22 0.00	48.17 0.24 0.00	79.81 0.39 0.00	214.12 0.85 0.00	55.89 0.24 0.00	34.88 0.14 0.00	36.52 0.11 0.00	34.64 0.03 0.00	31.63 -0.19 0.00	28.34 -0.11 0.00	27.06 -0.08 0.00	27.58 -0.07 0.00	26.34 -0.09 0.00	30.56 0.00 0.00	50.08 -0.01 0.00	97.76 -0.21 0.00	72.44 -0.71 0.00	45.17 -0.87 0.00	39.53 -0.95 0.00	41.41 -1.11 0.00
MARBLE_RIVER_WT_PWR 323696	47.65 2.06 0.00	45.03 1.99 0.00	42.42 2.28 0.00	46.25 2.48 0.00	46.73 2.71 0.00	50.48 2.56 0.00	82.96 3.54 0.00	224.37 11.10 0.00	58.73 3.08 0.00	36.37 1.63 0.00	38.12 1.70 0.00	35.95 1.33 0.00	33.09 1.28 0.00	29.72 1.28 0.00	28.21 1.07 0.00	28.74 1.10 0.00	27.34 0.91 0.00	31.71 1.14 0.00	51.76 1.67 0.00	101.32 3.35 0.00	76.12 2.97 0.00	48.47 2.42 0.00	42.59 2.11 0.00	44.77 2.25 0.00
MARSHVLE_115KV_TB1 80742	48.56 2.97 0.00	45.84 2.80 0.00	42.67 2.53 0.00	46.52 2.75 0.00	46.89 2.88 0.00	51.46 3.54 0.00	86.06 6.65 0.00	230.43 17.16 0.00	58.51 2.86 0.00	35.91 1.16 0.00	37.52 1.11 0.00	35.73 1.11 0.00	32.79 0.98 0.00	29.27 0.82 0.00	27.91 0.77 0.00	28.45 0.81 0.00	27.16 0.72 0.00	31.59 1.02 0.00	52.57 2.48 0.00	103.64 5.67 0.00	77.36 4.20 0.00	48.32 2.28 0.00	42.21 1.73 0.00	44.31 1.79 0.00
MARSH_HILL_WT_PWR 323713	44.64 -0.95 0.00	42.94 -0.11 0.00	39.97 -0.18 0.00	43.24 -0.53 0.00	43.08 -0.93 0.00	47.04 -0.89 0.00	78.83 -0.58 0.00	209.30 -3.98 0.00	53.49 -2.15 0.00	32.81 -1.93 0.00	34.41 -2.00 0.00	32.85 -1.76 0.00	30.12 -1.69 0.00	26.61 -1.84 0.00	25.03 -2.11 0.00	25.45 -2.18 0.00	24.24 -2.19 0.00	28.32 -2.25 0.00	48.12 -1.97 0.00	94.73 -3.24 0.00	69.93 -3.22 0.00	42.71 -3.33 0.00	37.02 -3.46 0.00	38.76 -3.75 0.00
MCINTYRE_115KV_TB2 80467	47.98 2.38 0.00	45.10 2.06 0.00	41.94 1.79 0.00	45.70 1.94 0.00	46.24 2.23 0.00	50.34 2.41 0.00	83.69 4.28 0.00	222.36 9.08 0.00	57.73 2.08 0.00	35.55 0.81 0.00	36.96 0.55 0.00	35.06 0.45 0.00	32.22 0.41 0.00	28.82 0.37 0.00	27.46 0.32 0.00	27.94 0.30 0.00	26.61 0.17 0.00	30.88 0.31 0.00	51.28 1.19 0.00	101.43 3.46 0.00	75.73 2.58 0.00	47.55 1.51 0.00	42.03 1.55 0.00	44.31 1.79 0.00
MECO_____69_KV_BK1 80468	48.63 3.04 0.00	45.88 2.84 0.00	42.73 2.59 0.00	46.59 2.82 0.00	46.96 2.94 0.00	51.80 3.87 0.00	86.56 7.14 0.00	232.45 19.18 0.00	58.72 3.08 0.00	35.51 0.77 0.00	36.77 0.35 0.00	34.94 0.32 0.00	32.05 0.24 0.00	28.62 0.18 0.00	27.29 0.15 0.00	27.83 0.19 0.00	26.72 0.28 0.00	31.43 0.86 0.00	53.08 2.99 0.00	105.01 7.04 0.00	78.26 5.11 0.00	49.01 2.96 0.00	42.83 2.35 0.00	44.86 2.35 0.00
MENANDS___115KV_TB5 355628	45.67 0.08 0.00	43.23 0.18 0.00	40.40 0.25 0.00	44.04 0.27 0.00	44.29 0.27 0.00	48.55 0.62 0.00	80.13 0.71 0.00	216.13 2.86 0.00	56.63 0.99 0.00	35.27 0.52 0.00	36.98 0.56 0.00	35.11 0.49 0.00	32.28 0.46 0.00	28.88 0.43 0.00	27.61 0.47 0.00	28.16 0.52 0.00	27.11 0.68 0.00	31.42 0.85 0.00	51.29 1.20 0.00	99.86 1.89 0.00	74.51 1.35 0.00	47.11 1.06 0.00	41.43 0.96 0.00	43.55 1.03 0.00
MG INDUSTRY___DRP 24185	45.95 0.36 0.00	43.47 0.43 0.00	40.61 0.46 0.00	44.28 0.51 0.00	44.54 0.52 0.00	48.70 0.77 0.00	80.43 1.01 0.00	216.58 3.31 0.00	56.43 0.78 0.00	35.05 0.31 0.00	36.73 0.32 0.00	34.88 0.26 0.00	32.07 0.25 0.00	28.69 0.24 0.00	27.42 0.28 0.00	27.95 0.31 0.00	26.88 0.44 0.00	31.26 0.69 0.00	51.21 1.12 0.00	99.92 1.95 0.00	74.63 1.48 0.00	47.16 1.12 0.00	41.48 1.00 0.00	43.58 1.06 0.00

MID___OSWEGATCHIE_HYD 23849	46.12 0.52 0.00	43.55 0.51 0.00	40.56 0.41 0.00	44.24 0.47 0.00	44.68 0.67 0.00	48.75 0.83 0.00	81.18 1.76 0.00	217.36 4.09 0.00	56.22 0.57 0.00	34.57 -0.17 0.00	35.83 -0.59 0.00	33.80 -0.81 0.00	30.96 -0.86 0.00	27.73 -0.72 0.00	26.38 -0.77 0.00	26.87 -0.77 0.00	25.66 -0.77 0.00	30.09 -0.48 0.00	49.93 -0.16 0.00	98.29 0.32 0.00	72.98 -0.17 0.00	45.52 -0.53 0.00	39.97 -0.51 0.00	42.04 -0.48 0.00
MID___RAQUETTE_HYD 23851	46.56 0.96 0.00	43.80 0.75 0.00	40.76 0.61 0.00	44.42 0.65 0.00	44.93 0.92 0.00	48.90 0.97 0.00	81.20 1.79 0.00	216.81 3.54 0.00	56.39 0.75 0.00	34.92 0.18 0.00	36.35 -0.06 0.00	34.44 -0.18 0.00	31.62 -0.19 0.00	28.28 -0.17 0.00	26.93 -0.21 0.00	27.40 -0.24 0.00	26.12 -0.31 0.00	30.35 -0.22 0.00	50.06 -0.03 0.00	98.44 0.47 0.00	73.44 0.29 0.00	46.12 0.07 0.00	40.74 0.26 0.00	42.93 0.41 0.00
MILLIKEN___1 23584	46.08 0.49 0.00	43.53 0.49 0.00	40.58 0.43 0.00	44.26 0.49 0.00	44.45 0.43 0.00	48.29 0.37 0.00	80.53 1.11 0.00	216.59 3.32 0.00	56.03 0.39 0.00	34.69 -0.05 0.00	36.18 -0.23 0.00	34.39 -0.22 0.00	31.63 -0.19 0.00	28.23 -0.21 0.00	26.88 -0.26 0.00	27.34 -0.30 0.00	26.10 -0.34 0.00	30.30 -0.27 0.00	50.25 0.16 0.00	99.02 1.05 0.00	73.75 0.60 0.00	46.10 0.06 0.00	40.36 -0.12 0.00	42.32 -0.20 0.00
MILLIKEN___2 23585	46.08 0.49 0.00	43.53 0.49 0.00	40.58 0.43 0.00	44.26 0.49 0.00	44.45 0.43 0.00	48.29 0.37 0.00	80.53 1.11 0.00	216.59 3.32 0.00	56.03 0.39 0.00	34.69 -0.05 0.00	36.18 -0.23 0.00	34.39 -0.22 0.00	31.63 -0.19 0.00	28.23 -0.21 0.00	26.88 -0.26 0.00	27.34 -0.30 0.00	26.10 -0.34 0.00	30.30 -0.27 0.00	50.25 0.16 0.00	99.02 1.05 0.00	73.75 0.60 0.00	46.10 0.06 0.00	40.36 -0.12 0.00	42.32 -0.20 0.00
MILLIKEN___DIESEL 23629	46.08 0.49 0.00	43.53 0.49 0.00	40.58 0.43 0.00	44.26 0.49 0.00	44.45 0.43 0.00	48.29 0.37 0.00	80.53 1.11 0.00	216.59 3.32 0.00	56.03 0.39 0.00	34.69 -0.05 0.00	36.18 -0.23 0.00	34.39 -0.22 0.00	31.63 -0.19 0.00	28.23 -0.21 0.00	26.88 -0.26 0.00	27.34 -0.30 0.00	26.10 -0.34 0.00	30.30 -0.27 0.00	50.25 0.16 0.00	99.02 1.05 0.00	73.75 0.60 0.00	46.10 0.06 0.00	40.36 -0.12 0.00	42.32 -0.20 0.00
MILLSEAT___LFGE 323607	45.03 -0.56 0.00	42.73 -0.31 0.00	39.35 -0.80 0.00	42.63 -1.14 0.00	42.95 -1.06 0.00	46.51 -1.41 0.00	77.66 -1.76 0.00	204.48 -8.80 0.00	53.17 -2.48 0.00	33.46 -1.28 0.00	34.93 -1.48 0.00	33.26 -1.36 0.00	30.68 -1.13 0.00	27.30 -1.15 0.00	25.91 -1.23 0.00	26.36 -1.28 0.00	24.69 -1.75 0.00	28.24 -2.33 0.00	47.15 -2.94 0.00	93.24 -4.74 0.00	69.25 -3.90 0.00	42.99 -3.06 0.00	37.70 -2.78 0.00	40.24 -2.28 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	46.29 0.70 0.00	43.70 0.66 0.00	40.86 0.71 0.00	44.62 0.85 0.00	44.83 0.81 0.00	49.10 1.17 0.00	81.46 2.05 0.00	221.09 7.82 0.00	57.52 1.87 0.00	35.98 1.24 0.00	37.82 1.40 0.00	35.85 1.23 0.00	32.87 1.06 0.00	29.36 0.91 0.00	28.08 0.94 0.00	28.60 0.96 0.00	27.92 1.08 -0.40	31.82 1.25 0.00	51.82 1.73 0.00	101.30 3.33 0.00	75.85 2.70 0.00	47.89 1.85 0.00	42.01 1.54 0.00	43.73 1.21 0.00
MILLWOOD_13_KV_LOAD 356217	46.36 0.77 0.00	43.76 0.71 0.00	40.91 0.76 0.00	44.68 0.91 0.00	44.88 0.87 0.00	49.16 1.23 0.00	81.59 2.18 0.00	221.40 8.13 0.00	57.61 1.96 0.00	36.03 1.29 0.00	37.85 1.44 0.00	35.88 1.27 0.00	32.90 1.09 0.00	29.38 0.94 0.00	28.10 0.96 0.00	28.63 0.99 0.00	27.94 1.11 -0.40	31.86 1.29 0.00	51.90 1.81 0.00	101.46 3.49 0.00	75.97 2.82 0.00	47.95 1.91 0.00	42.06 1.58 0.00	43.77 1.25 0.00
MODEL_CITY_ENERGY 24167	43.60 -1.99 0.00	41.44 -1.60 0.00	38.09 -2.06 0.00	41.25 -2.52 0.00	41.58 -2.44 0.00	44.92 -3.01 0.00	74.73 -4.69 0.00	195.28 -18.00 0.00	51.06 -4.59 0.00	32.50 -2.24 0.00	34.10 -2.32 0.00	32.54 -2.07 0.00	30.08 -1.73 0.00	26.77 -1.68 0.00	25.41 -1.73 0.00	25.84 -1.80 0.00	24.11 -2.33 0.00	27.38 -3.18 0.00	45.43 -4.66 0.00	89.47 -8.50 0.00	66.42 -6.74 0.00	41.26 -4.78 0.00	36.28 -4.20 0.00	38.91 -3.61 0.00
MODERN_LFGE___ 323580	43.60 -1.99 0.00	41.44 -1.60 0.00	38.09 -2.06 0.00	41.25 -2.52 0.00	41.58 -2.44 0.00	44.92 -3.01 0.00	74.73 -4.69 0.00	195.28 -18.00 0.00	51.06 -4.59 0.00	32.50 -2.24 0.00	34.10 -2.32 0.00	32.54 -2.07 0.00	30.08 -1.73 0.00	26.77 -1.68 0.00	25.41 -1.73 0.00	25.84 -1.80 0.00	24.11 -2.33 0.00	27.38 -3.18 0.00	45.43 -4.66 0.00	89.47 -8.50 0.00	66.42 -6.74 0.00	41.26 -4.78 0.00	36.28 -4.20 0.00	38.91 -3.61 0.00
MOHAWK_PAPER___DRP 24187	45.90 0.31 0.00	43.44 0.39 0.00	40.59 0.44 0.00	44.25 0.48 0.00	44.52 0.50 0.00	49.04 1.11 0.00	80.97 1.56 0.00	218.56 5.29 0.00	57.24 1.59 0.00	35.51 0.77 0.00	37.18 0.77 0.00	35.29 0.67 0.00	32.42 0.61 0.00	29.01 0.56 0.00	27.73 0.58 0.00	28.28 0.64 0.00	27.25 0.81 0.00	31.62 1.05 0.00	51.72 1.63 0.00	100.59 2.62 0.00	74.92 1.76 0.00	47.34 1.30 0.00	41.62 1.14 0.00	43.70 1.18 0.00
MOHICAN___35_KV_115KV_LD 80490	47.09 1.49 0.00	44.45 1.41 0.00	41.48 1.33 0.00	45.30 1.53 0.00	45.58 1.56 0.00	50.14 2.21 0.00	82.98 3.56 0.00	224.17 10.90 0.00	58.57 2.92 0.00	36.00 1.26 0.00	37.54 1.13 0.00	35.37 0.75 0.00	32.44 0.62 0.00	29.02 0.58 0.00	27.73 0.58 0.00	28.31 0.68 0.00	27.40 0.96 0.00	31.87 1.30 0.00	52.44 2.36 0.00	102.71 4.74 0.00	76.74 3.59 0.00	48.34 2.30 0.00	42.26 1.78 0.00	44.42 1.90 0.00
MONGAUP___HYD 23641	46.45 0.85 0.00	43.85 0.80 0.00	40.94 0.79 0.00	44.69 0.92 0.00	44.92 0.91 0.00	49.20 1.27 0.00	81.79 2.37 0.00	219.97 6.70 0.00	56.99 1.34 0.00	35.43 0.69 0.00	36.98 0.56 0.00	35.05 0.43 0.00	32.13 0.31 0.00	28.70 0.26 0.00	27.45 0.31 0.00	27.95 0.31 0.00	26.07 0.45 0.81	31.15 0.58 0.00	51.40 1.32 0.00	100.52 2.55 0.00	76.01 2.86 0.00	48.16 2.11 0.00	42.21 1.73 0.00	43.95 1.43 0.00
MONTAUK___DIESEL 23721	44.44 -1.15 0.00	41.07 -1.97 0.00	38.82 -1.33 0.00	42.61 -1.16 0.00	42.47 -1.55 0.00	46.87 -1.05 0.00	76.62 -2.79 0.00	206.67 -2.60 4.00	54.32 -1.33 0.00	35.25 0.51 0.00	37.44 1.03 0.00	35.10 0.49 0.00	32.35 0.53 0.00	28.88 0.43 0.00	28.06 0.91 0.00	28.46 0.82 0.00	28.50 1.23 -0.84	30.64 0.07 0.00	48.97 -1.12 0.00	96.40 -1.57 0.00	72.52 -0.63 0.00	46.72 0.68 0.00	41.10 0.62 0.00	43.20 0.68 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	46.58 0.98 0.00	43.71 0.66 0.00	39.97 -0.17 0.00	43.54 -0.23 0.00	43.61 -0.40 0.00	47.00 -0.93 0.00	78.67 -0.74 0.00	209.31 -3.96 0.00	53.72 -1.93 0.00	33.07 -1.67 0.00	35.08 -1.33 0.00	33.81 -0.80 0.00	31.26 -0.56 0.00	27.99 -0.45 0.00	26.63 -0.52 0.00	26.65 -0.99 0.00	24.95 -1.49 0.00	28.74 -1.83 0.00	48.47 -1.62 0.00	95.81 -2.17 0.00	70.53 -2.62 0.00	42.62 -3.42 0.00	37.30 -3.18 0.00	39.16 -3.36 0.00

MORRIS_RIDGE___SOLAR 323848	44.51 -1.09 0.00	42.35 -0.69 0.00	39.21 -0.93 0.00	42.49 -1.28 0.00	42.60 -1.42 0.00	46.21 -1.72 0.00	77.15 -2.26 0.00	204.61 -8.66 0.00	52.47 -3.18 0.00	32.29 -2.45 0.00	33.81 -2.60 0.00	32.32 -2.30 0.00	29.76 -2.06 0.00	26.38 -2.07 0.00	25.00 -2.15 0.00	25.44 -2.20 0.00	24.05 -2.39 0.00	28.05 -2.52 0.00	47.47 -2.62 0.00	93.79 -4.18 0.00	69.42 -3.73 0.00	42.72 -3.32 0.00	37.07 -3.41 0.00	39.03 -3.48 0.00
MORTIMER_115KV_TB3 55949	44.83 -0.76 0.00	42.45 -0.59 0.00	39.31 -0.84 0.00	42.67 -1.10 0.00	42.89 -1.12 0.00	46.43 -1.50 0.00	77.37 -2.05 0.00	205.95 -7.32 0.00	53.53 -2.12 0.00	33.61 -1.13 0.00	35.21 -1.20 0.00	33.57 -1.05 0.00	30.96 -0.85 0.00	27.61 -0.84 0.00	26.24 -0.91 0.00	26.70 -0.94 0.00	25.21 -1.22 0.00	28.93 -1.64 0.00	47.91 -2.18 0.00	94.19 -3.78 0.00	70.07 -3.08 0.00	43.68 -2.36 0.00	38.30 -2.18 0.00	40.61 -1.91 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	46.60 1.01 0.00	43.99 0.95 0.00	41.12 0.98 0.00	44.91 1.14 0.00	45.11 1.10 0.00	49.42 1.50 0.00	81.96 2.54 0.00	222.66 9.39 0.00	57.97 2.32 0.00	36.35 1.60 0.00	38.25 1.84 0.00	36.26 1.64 0.00	33.24 1.43 0.00	29.69 1.24 0.00	28.39 1.24 0.00	28.91 1.27 0.00	28.65 1.39 -0.83	32.15 1.58 0.00	52.27 2.18 0.00	102.14 4.17 0.00	76.43 3.28 0.00	48.26 2.22 0.00	42.35 1.87 0.00	44.08 1.56 0.00
MUNSVILLE_WIND_PWR 323609	48.16 2.56 0.00	45.41 2.37 0.00	42.62 2.47 0.00	46.77 3.00 0.00	46.93 2.92 0.00	51.22 3.29 0.00	86.33 6.92 0.00	234.64 21.36 0.00	60.13 4.48 0.00	36.88 2.14 0.00	38.23 1.82 0.00	36.63 2.02 0.00	33.59 1.77 0.00	29.64 1.19 0.00	28.31 1.17 0.00	28.81 1.18 0.00	27.48 1.04 0.00	32.11 1.55 0.00	53.81 3.72 0.00	105.94 7.97 0.00	78.53 5.38 0.00	48.55 2.50 0.00	41.99 1.51 0.00	43.99 1.47 0.00
N SALMON___HYD 24042	47.63 2.03 0.00	44.86 1.81 0.00	41.92 1.77 0.00	45.66 1.89 0.00	46.18 2.16 0.00	50.19 2.26 0.00	83.17 3.75 0.00	223.03 9.76 0.00	58.20 2.56 0.00	36.08 1.33 0.00	37.57 1.15 0.00	35.50 0.89 0.00	32.62 0.81 0.00	29.16 0.71 0.00	27.70 0.56 0.00	28.18 0.54 0.00	26.86 0.43 0.00	31.15 0.59 0.00	51.22 1.13 0.00	100.73 2.76 0.00	75.35 2.20 0.00	47.51 1.46 0.00	41.92 1.44 0.00	44.11 1.60 0.00
N.AKRON__115KV_KNAPP 355671	44.92 -0.67 0.00	42.65 -0.40 0.00	39.27 -0.88 0.00	42.54 -1.23 0.00	42.88 -1.14 0.00	46.41 -1.52 0.00	77.45 -1.96 0.00	203.85 -9.42 0.00	53.02 -2.63 0.00	33.43 -1.31 0.00	34.91 -1.50 0.00	33.26 -1.35 0.00	30.69 -1.12 0.00	27.33 -1.12 0.00	25.93 -1.21 0.00	26.40 -1.24 0.00	24.69 -1.74 0.00	28.21 -2.36 0.00	47.03 -3.06 0.00	92.97 -5.00 0.00	69.04 -4.11 0.00	42.85 -3.19 0.00	37.62 -2.86 0.00	40.14 -2.38 0.00
N.BELMOR_69_KV_BK1 55787	46.60 1.01 0.00	43.85 0.80 0.00	41.07 0.92 0.00	44.82 1.05 0.00	44.91 0.89 0.00	49.34 1.41 0.00	81.28 1.86 0.00	218.60 7.61 2.28	57.51 1.87 0.00	36.44 1.70 0.00	38.42 2.01 0.00	36.28 1.67 0.00	33.25 1.44 0.00	29.70 1.25 0.00	28.45 1.31 0.00	28.99 1.35 0.00	28.85 1.57 -0.84	32.12 1.55 0.00	52.10 2.01 0.00	101.79 3.81 0.00	76.36 3.21 0.00	48.44 2.40 0.00	42.48 2.01 0.00	44.28 1.76 0.00
N.E_GEN_SANDY PD 24062	45.79 0.20 0.00	43.32 0.27 0.00	40.62 0.39 -0.08	44.21 0.44 0.00	44.10 0.40 0.31	48.72 0.74 -0.05	80.28 0.86 0.00	215.98 3.57 0.86	58.38 1.19 -1.54	34.69 0.74 0.79	37.26 0.84 0.00	35.33 0.72 0.00	32.46 0.64 0.00	29.03 0.59 0.00	27.79 0.64 0.00	28.28 0.70 0.05	27.43 0.86 -0.14	31.62 1.05 0.00	51.47 1.39 0.00	97.82 2.41 2.56	75.13 1.98 0.00	47.53 1.48 0.00	41.49 1.26 0.25	44.83 1.16 -1.15
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	46.21 0.62 0.00	43.62 0.58 0.00	40.78 0.63 0.00	44.56 0.79 0.00	44.76 0.74 0.00	49.05 1.12 0.00	81.47 2.05 0.00	221.15 7.88 0.00	57.48 1.83 0.00	35.88 1.14 0.00	37.69 1.28 0.00	35.75 1.14 0.00	32.77 0.95 0.00	29.27 0.82 0.00	28.00 0.86 0.00	28.52 0.88 0.00	28.24 0.98 -0.82	31.70 1.14 0.00	51.69 1.60 0.00	101.08 3.11 0.00	75.71 2.56 0.00	47.76 1.72 0.00	41.90 1.42 0.00	43.59 1.07 0.00
N.QUEENS_27_KV_LOAD 356247	46.57 0.98 0.00	43.98 0.93 -0.01	41.08 0.92 -0.01	44.86 1.08 -0.01	45.06 1.03 -0.01	49.33 1.40 0.00	81.89 2.48 0.00	225.27 10.23 -1.76	58.06 2.41 0.00	36.40 1.66 0.00	38.27 1.87 0.01	36.28 1.65 -0.01	33.29 1.47 -0.01	29.74 1.29 -0.01	28.46 1.32 0.00	28.99 1.35 0.00	28.74 1.48 -0.83	32.21 1.63 -0.01	52.26 2.17 0.00	102.16 4.19 0.00	76.41 3.25 0.00	48.28 2.24 0.01	42.40 1.93 0.00	44.04 1.52 0.00
N.TROY___115KV_TB1 355778	46.01 0.42 0.00	43.52 0.47 0.00	40.68 0.53 0.00	44.36 0.59 0.00	44.59 0.58 0.00	48.86 0.93 0.00	80.62 1.20 0.00	217.37 4.10 0.00	56.95 1.30 0.00	35.38 0.64 0.00	37.08 0.67 0.00	35.15 0.53 0.00	32.29 0.48 0.00	28.88 0.44 0.00	27.61 0.47 0.00	28.17 0.53 0.00	27.13 0.70 0.00	31.50 0.94 0.00	51.50 1.41 0.00	100.49 2.52 0.00	75.12 1.97 0.00	47.46 1.41 0.00	41.65 1.17 0.00	43.72 1.20 0.00
NARROWS_GT1_1 24228	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57
NARROWS_GT1_2 24229	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57
NARROWS_GT1_3 24230	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57
NARROWS_GT1_4 24231	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57

NARROWS_GT1_5 24232	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57
NARROWS_GT1_6 24233	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57
NARROWS_GT1_7 24234	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57
NARROWS_GT1_8 24235	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57
NARROWS_GT2_1 24236	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57
NARROWS_GT2_2 24237	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57
NARROWS_GT2_3 24238	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57
NARROWS_GT2_4 24239	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57
NARROWS_GT2_5 24240	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57
NARROWS_GT2_6 24241	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57
NARROWS_GT2_7 24242	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57
NARROWS_GT2_8 24243	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	46.87 1.28 0.00	44.33 1.28 0.00	41.38 1.24 0.00	45.14 1.37 0.00	45.41 1.40 0.00	49.78 1.85 0.00	82.52 3.11 0.00	222.56 9.29 0.00	57.98 2.34 0.00	35.73 0.99 0.00	37.22 0.81 0.00	35.26 0.65 0.00	32.40 0.58 0.00	28.99 0.54 0.00	27.67 0.53 0.00	28.22 0.59 0.00	27.19 0.76 0.00	31.69 1.12 0.00	52.17 2.08 0.00	102.31 4.34 0.00	76.45 3.30 0.00	48.22 2.18 0.00	42.35 1.87 0.00	44.49 1.97 0.00
NCHELSEA_115KV_TR2 355582	46.65 1.06 0.00	44.04 1.00 0.00	41.17 1.02 0.00	44.95 1.18 0.00	45.16 1.15 0.00	49.49 1.56 0.00	82.23 2.82 0.00	223.52 10.24 0.00	58.13 2.48 0.00	36.27 1.53 0.00	38.03 1.62 0.00	36.02 1.41 0.00	33.01 1.20 0.00	29.49 1.05 0.00	28.19 1.05 0.00	28.74 1.10 0.00	27.69 1.25 0.00	32.09 1.52 0.00	52.39 2.30 0.00	102.49 4.52 0.00	76.70 3.55 0.00	48.38 2.34 0.00	42.40 1.92 0.00	44.15 1.63 0.00
NEG CAPITAL___MECHNVIL 23645	46.99 1.40 0.00	44.38 1.33 0.00	41.46 1.31 0.00	45.22 1.46 0.00	45.48 1.47 0.00	49.89 1.96 0.00	82.59 3.18 0.00	222.66 9.39 0.00	58.13 2.48 0.00	35.94 1.20 0.00	37.57 1.16 0.00	35.55 0.94 0.00	32.64 0.82 0.00	29.19 0.74 0.00	27.89 0.75 0.00	28.46 0.82 0.00	27.48 1.04 0.00	31.97 1.41 0.00	52.49 2.40 0.00	102.62 4.65 0.00	76.66 3.51 0.00	48.27 2.22 0.00	42.28 1.80 0.00	44.42 1.90 0.00

NEG CENTRAL_HIGH_ACRES 23767	44.18 -1.41 0.00	41.82 -1.22 0.00	38.79 -1.36 0.00	42.14 -1.63 0.00	42.38 -1.64 0.00	45.92 -2.01 0.00	76.57 -2.85 0.00	204.25 -9.02 0.00	53.05 -2.60 0.00	33.20 -1.54 0.00	34.76 -1.65 0.00	33.10 -1.52 0.00	30.51 -1.30 0.00	27.22 -1.23 0.00	25.88 -1.27 0.00	26.32 -1.32 0.00	24.92 -1.51 0.00	28.70 -1.87 0.00	47.53 -2.55 0.00	93.38 -4.59 0.00	69.47 -3.68 0.00	43.36 -2.68 0.00	37.96 -2.52 0.00	40.20 -2.32 0.00
NEG CENTRAL___DRP 24199	45.36 -0.23 0.00	42.90 -0.14 0.00	39.95 -0.20 0.00	43.49 -0.28 0.00	43.67 -0.35 0.00	47.42 -0.51 0.00	78.99 -0.43 0.00	211.70 -1.58 0.00	54.81 -0.84 0.00	34.05 -0.69 0.00	35.59 -0.82 0.00	33.86 -0.76 0.00	31.14 -0.67 0.00	27.79 -0.65 0.00	26.44 -0.70 0.00	26.90 -0.74 0.00	25.60 -0.83 0.00	29.65 -0.92 0.00	49.19 -0.90 0.00	96.73 -1.24 0.00	71.98 -1.17 0.00	44.99 -1.05 0.00	39.39 -1.09 0.00	41.38 -1.13 0.00
NEG CENTRAL___INDECK 23768	46.21 0.62 0.00	43.88 0.83 0.00	40.67 0.52 0.00	44.11 0.34 0.00	44.29 0.27 0.00	48.14 0.21 0.00	80.72 1.30 0.00	214.72 1.44 0.00	55.11 -0.54 0.00	33.69 -1.05 0.00	35.17 -1.24 0.00	33.55 -1.06 0.00	30.90 -0.91 0.00	27.44 -1.01 0.00	26.01 -1.13 0.00	26.48 -1.15 0.00	25.05 -1.39 0.00	29.00 -1.57 0.00	48.75 -1.34 0.00	97.42 -0.56 0.00	72.38 -0.77 0.00	44.75 -1.29 0.00	38.99 -1.49 0.00	41.09 -1.43 0.00
NEG CENTRAL___SENECA 23627	45.49 -0.10 0.00	43.03 -0.01 0.00	40.02 -0.13 0.00	43.55 -0.22 0.00	43.73 -0.28 0.00	47.55 -0.38 0.00	79.25 -0.17 0.00	212.21 -1.06 0.00	54.83 -0.81 0.00	34.04 -0.70 0.00	35.55 -0.86 0.00	33.83 -0.79 0.00	31.10 -0.71 0.00	27.72 -0.72 0.00	26.36 -0.78 0.00	26.80 -0.83 0.00	25.47 -0.96 0.00	29.52 -1.05 0.00	49.20 -0.89 0.00	96.74 -1.23 0.00	71.91 -1.25 0.00	44.84 -1.21 0.00	39.23 -1.25 0.00	41.23 -1.29 0.00
NEG CENTRAL___STATE_STREET 24147	45.51 -0.08 0.00	43.11 0.07 0.00	40.15 0.00 0.00	43.79 0.01 0.00	43.97 -0.04 0.00	47.59 -0.34 0.00	79.21 -0.20 0.00	212.43 -0.84 0.00	55.23 -0.41 0.00	34.33 -0.41 0.00	35.93 -0.48 0.00	34.09 -0.53 0.00	31.35 -0.46 0.00	28.07 -0.37 0.00	26.67 -0.47 0.00	27.14 -0.49 0.00	25.93 -0.50 0.00	30.05 -0.52 0.00	49.53 -0.56 0.00	97.60 -0.37 0.00	72.67 -0.48 0.00	45.51 -0.53 0.00	39.90 -0.58 0.00	41.81 -0.71 0.00
NEG MILLWOOD___DRP 24198	46.78 1.19 0.00	44.16 1.12 0.00	41.29 1.14 0.00	45.08 1.31 0.00	45.30 1.29 0.00	49.67 1.74 0.00	82.51 3.10 0.00	223.96 10.69 0.00	58.26 2.61 0.00	36.44 1.70 0.00	38.24 1.83 0.00	36.21 1.60 0.00	33.16 1.34 0.00	29.61 1.17 0.00	28.31 1.17 0.00	28.83 1.20 0.00	27.77 1.33 0.00	32.16 1.59 0.00	52.47 2.38 0.00	102.65 4.68 0.00	76.81 3.66 0.00	48.45 2.41 0.00	42.48 2.00 0.00	44.22 1.70 0.00
NEG NORTH_FLCN_SEA 23793	47.98 2.38 0.00	45.26 2.22 0.00	42.49 2.34 0.00	46.32 2.55 0.00	46.74 2.72 0.00	50.43 2.51 0.00	82.84 3.42 0.00	224.37 11.09 0.00	58.78 3.13 0.00	36.42 1.68 0.00	38.18 1.76 0.00	36.04 1.43 0.00	33.15 1.34 0.00	29.76 1.31 0.00	28.31 1.17 0.00	28.85 1.21 0.00	27.47 1.04 0.00	31.85 1.28 0.00	51.96 1.87 0.00	101.76 3.78 0.00	76.31 3.16 0.00	48.55 2.51 0.00	42.62 2.14 0.00	44.81 2.29 0.00
NEG NORTH_KES_CHATEGAY 23792	47.30 1.71 0.00	44.58 1.54 0.00	41.70 1.55 0.00	45.46 1.69 0.00	45.90 1.89 0.00	49.80 1.87 0.00	82.26 2.85 0.00	220.76 7.48 0.00	57.72 2.07 0.00	35.81 1.07 0.00	37.41 1.01 0.00	35.41 0.80 0.00	32.59 0.77 0.00	29.18 0.73 0.00	27.75 0.61 0.00	28.25 0.61 0.00	26.93 0.49 0.00	31.16 0.59 0.00	51.11 1.02 0.00	100.25 2.28 0.00	75.09 1.94 0.00	47.47 1.42 0.00	41.89 1.41 0.00	44.08 1.56 0.00
NEG NORTH___ALICE_FALLS 23915	48.01 2.42 0.00	45.28 2.23 0.00	42.46 2.31 0.00	46.28 2.52 0.00	46.75 2.73 0.00	50.55 2.62 0.00	83.22 3.81 0.00	224.83 11.55 0.00	58.80 3.16 0.00	36.39 1.65 0.00	38.10 1.68 0.00	35.99 1.37 0.00	33.10 1.28 0.00	29.68 1.24 0.00	28.25 1.11 0.00	28.77 1.13 0.00	27.40 0.97 0.00	31.78 1.22 0.00	51.98 1.89 0.00	101.98 4.01 0.00	76.44 3.28 0.00	48.54 2.49 0.00	42.63 2.15 0.00	44.83 2.31 0.00
NEG NORTH___LWR_SARANAC 23913	48.01 2.42 0.00	45.28 2.23 0.00	42.46 2.31 0.00	46.28 2.52 0.00	46.75 2.73 0.00	50.55 2.62 0.00	83.22 3.81 0.00	224.83 11.55 0.00	58.80 3.16 0.00	36.39 1.65 0.00	38.10 1.68 0.00	35.99 1.37 0.00	33.10 1.28 0.00	29.68 1.24 0.00	28.25 1.11 0.00	28.77 1.13 0.00	27.40 0.97 0.00	31.78 1.22 0.00	51.98 1.89 0.00	101.98 4.01 0.00	76.44 3.28 0.00	48.54 2.49 0.00	42.63 2.15 0.00	44.83 2.31 0.00
NEG NORTH___PLATTSBURG 23628	48.01 2.42 0.00	45.28 2.23 0.00	42.46 2.31 0.00	46.28 2.51 0.00	46.75 2.73 0.00	50.55 2.62 0.00	83.22 3.80 0.00	224.82 11.55 0.00	58.80 3.16 0.00	36.39 1.65 0.00	38.10 1.68 0.00	35.99 1.37 0.00	33.10 1.28 0.00	29.68 1.24 0.00	28.25 1.11 0.00	28.77 1.13 0.00	27.40 0.97 0.00	31.78 1.22 0.00	51.98 1.89 0.00	101.98 4.01 0.00	76.44 3.28 0.00	48.54 2.49 0.00	42.63 2.15 0.00	44.83 2.31 0.00
NEG WEST_LEA_LOCKPORT 23791	44.02 -1.57 0.00	41.82 -1.23 0.00	38.46 -1.69 0.00	41.63 -2.14 0.00	41.91 -2.11 0.00	45.28 -2.65 0.00	75.38 -4.03 0.00	197.72 -15.55 0.00	51.59 -4.06 0.00	32.75 -1.99 0.00	34.34 -2.08 0.00	32.78 -1.84 0.00	30.27 -1.55 0.00	26.94 -1.51 0.00	25.56 -1.58 0.00	26.00 -1.64 0.00	24.29 -2.14 0.00	27.67 -2.90 0.00	45.96 -4.13 0.00	90.57 -7.40 0.00	67.23 -5.93 0.00	41.73 -4.32 0.00	36.65 -3.83 0.00	39.18 -3.34 0.00
NEG WEST___LANCASTER 23811	45.29 -0.30 0.00	42.86 -0.19 0.00	39.60 -0.55 0.00	42.96 -0.81 0.00	43.14 -0.88 0.00	46.62 -1.31 0.00	77.79 -1.62 0.00	206.07 -7.20 0.00	53.49 -2.16 0.00	33.85 -0.89 0.00	35.57 -0.84 0.00	33.97 -0.65 0.00	31.43 -0.38 0.00	27.86 -0.58 0.00	26.41 -0.74 0.00	26.83 -0.80 0.00	25.10 -1.34 0.00	28.64 -1.93 0.00	47.67 -2.42 0.00	93.86 -4.11 0.00	69.66 -3.49 0.00	43.18 -2.87 0.00	37.87 -2.61 0.00	40.29 -2.23 0.00
NEG_PENN_ALLEGHNY 23528	45.34 -0.25 0.00	42.79 -0.25 0.00	39.89 -0.26 0.00	43.51 -0.26 0.00	43.67 -0.35 0.00	47.51 -0.42 0.00	79.13 -0.29 0.00	212.71 -0.57 0.00	55.09 -0.56 0.00	34.39 -0.35 0.00	36.07 -0.34 0.00	34.37 -0.24 0.00	31.61 -0.20 0.00	28.22 -0.23 0.00	26.90 -0.24 0.00	27.35 -0.29 0.00	26.07 -0.37 0.00	30.11 -0.45 0.00	49.71 -0.38 0.00	97.45 -0.52 0.00	72.60 -0.56 0.00	45.37 -0.68 0.00	39.82 -0.67 0.00	41.76 -0.75 0.00
NEG___GEN_MONROE 24207	45.20 -0.39 0.00	42.84 -0.20 0.00	39.62 -0.53 0.00	42.98 -0.79 0.00	43.22 -0.80 0.00	46.79 -1.14 0.00	78.07 -1.35 0.00	207.46 -5.81 0.00	53.87 -1.78 0.00	33.75 -0.99 0.00	35.29 -1.13 0.00	33.60 -1.02 0.00	30.98 -0.84 0.00	27.61 -0.84 0.00	26.23 -0.91 0.00	26.69 -0.95 0.00	25.18 -1.25 0.00	28.91 -1.65 0.00	48.04 -2.05 0.00	94.70 -3.28 0.00	70.47 -2.69 0.00	43.89 -2.15 0.00	38.47 -2.01 0.00	40.79 -1.73 0.00

NEPA__ENERGY 23901	45.20 -0.39 0.00	42.58 -0.47 0.00	39.29 -0.86 0.00	42.85 -0.92 0.00	42.94 -1.08 0.00	46.42 -1.51 0.00	77.72 -1.69 0.00	206.81 -6.46 0.00	53.16 -2.48 0.00	33.34 -1.40 0.00	35.22 -1.19 0.00	33.76 -0.85 0.00	31.11 -0.70 0.00	27.81 -0.63 0.00	26.50 -0.64 0.00	26.75 -0.89 0.00	25.09 -1.35 0.00	28.76 -1.81 0.00	48.09 -2.00 0.00	94.95 -3.02 0.00	70.37 -2.78 0.00	43.17 -2.88 0.00	37.96 -2.52 0.00	39.92 -2.60 0.00
NEVERSink__HYD 23608	46.65 1.06 0.00	44.04 1.00 0.00	41.14 1.00 0.00	44.94 1.17 0.00	45.19 1.17 0.00	49.45 1.51 0.00	82.31 2.89 0.00	223.01 9.74 0.00	57.89 2.24 0.00	35.98 1.24 0.00	37.66 1.25 0.00	35.64 1.02 0.00	32.65 0.83 0.00	29.14 0.70 0.00	27.88 0.73 0.00	28.41 0.77 0.00	27.35 0.91 0.00	31.78 1.21 0.00	52.12 2.03 0.00	102.19 4.22 0.00	76.38 3.23 0.00	48.12 2.07 0.00	42.15 1.67 0.00	43.86 1.34 0.00
NEWKRMKL_115KV_TB1 55635	45.63 0.04 0.00	43.17 0.13 0.00	40.33 0.18 0.00	43.97 0.20 0.00	44.22 0.20 0.00	48.43 0.50 0.00	80.01 0.59 0.00	215.81 2.54 0.00	56.46 0.81 0.00	35.18 0.44 0.00	36.87 0.46 0.00	35.00 0.39 0.00	32.19 0.37 0.00	28.81 0.36 0.00	27.54 0.39 0.00	28.08 0.44 0.00	27.03 0.59 0.00	31.34 0.77 0.00	51.14 1.05 0.00	99.68 1.71 0.00	74.41 1.26 0.00	47.01 0.97 0.00	41.38 0.90 0.00	43.52 1.01 0.00
NEWTON__FALLS_HYD 23847	46.12 0.52 0.00	43.55 0.51 0.00	40.56 0.41 0.00	44.24 0.47 0.00	44.68 0.67 0.00	48.75 0.83 0.00	81.18 1.76 0.00	217.36 4.09 0.00	56.22 0.57 0.00	34.57 -0.17 0.00	35.83 -0.59 0.00	33.80 -0.81 0.00	30.96 -0.86 0.00	27.73 -0.72 0.00	26.38 -0.77 0.00	26.87 -0.77 0.00	25.66 -0.77 0.00	30.09 -0.48 0.00	49.93 -0.16 0.00	98.29 0.32 0.00	72.98 -0.17 0.00	45.52 -0.53 0.00	39.97 -0.51 0.00	42.04 -0.48 0.00
NGRID_A1_DSASP 323792	43.74 -1.86 0.00	41.53 -1.51 0.00	38.23 -1.92 0.00	41.32 -2.45 0.00	41.51 -2.51 0.00	44.76 -3.17 0.00	74.40 -5.02 0.00	195.52 -17.75 0.00	51.12 -4.53 0.00	32.64 -2.10 0.00	34.29 -2.12 0.00	32.72 -1.90 0.00	30.25 -1.56 0.00	26.94 -1.50 0.00	25.55 -1.59 0.00	26.00 -1.64 0.00	24.28 -2.15 0.00	27.58 -2.99 0.00	45.63 -4.47 0.00	89.70 -8.27 0.00	66.56 -6.59 0.00	41.38 -4.66 0.00	36.37 -4.11 0.00	39.00 -3.52 0.00
NGRID_A2_DSASP 323793	43.74 -1.86 0.00	41.53 -1.51 0.00	38.23 -1.92 0.00	41.32 -2.45 0.00	41.51 -2.51 0.00	44.76 -3.17 0.00	74.40 -5.02 0.00	195.52 -17.75 0.00	51.12 -4.53 0.00	32.64 -2.10 0.00	34.29 -2.12 0.00	32.72 -1.90 0.00	30.25 -1.56 0.00	26.94 -1.50 0.00	25.55 -1.59 0.00	26.00 -1.64 0.00	24.28 -2.15 0.00	27.58 -2.99 0.00	45.63 -4.47 0.00	89.70 -8.27 0.00	66.56 -6.59 0.00	41.38 -4.66 0.00	36.37 -4.11 0.00	39.00 -3.52 0.00
NGRID_A4_DSASP 323807	43.74 -1.86 0.00	41.53 -1.51 0.00	38.23 -1.92 0.00	41.32 -2.45 0.00	41.51 -2.51 0.00	44.76 -3.17 0.00	74.40 -5.02 0.00	195.52 -17.75 0.00	51.12 -4.53 0.00	32.64 -2.10 0.00	34.29 -2.12 0.00	32.72 -1.90 0.00	30.25 -1.56 0.00	26.94 -1.50 0.00	25.55 -1.59 0.00	26.00 -1.64 0.00	24.28 -2.15 0.00	27.58 -2.99 0.00	45.63 -4.47 0.00	89.70 -8.27 0.00	66.56 -6.59 0.00	41.38 -4.66 0.00	36.37 -4.11 0.00	39.00 -3.52 0.00
NIAGARA_115E_LBMP 323715	43.36 -2.23 0.00	41.22 -1.82 0.00	37.87 -2.27 0.00	41.03 -2.74 0.00	41.36 -2.66 0.00	44.68 -3.25 0.00	74.29 -5.12 0.00	193.83 -19.45 0.00	50.71 -4.93 0.00	32.35 -2.39 0.00	33.95 -2.47 0.00	32.41 -2.21 0.00	29.96 -1.85 0.00	26.66 -1.78 0.00	25.31 -1.83 0.00	25.73 -1.90 0.00	24.00 -2.43 0.00	27.23 -3.34 0.00	45.13 -4.96 0.00	88.83 -9.15 0.00	65.95 -7.20 0.00	40.98 -5.06 0.00	36.06 -4.42 0.00	38.71 -3.81 0.00
NIAGARA_115W_LBMP 323714	43.61 -1.98 0.00	41.43 -1.61 0.00	38.14 -2.00 0.00	41.22 -2.55 0.00	41.41 -2.61 0.00	44.66 -3.27 0.00	74.23 -5.19 0.00	195.03 -18.24 0.00	51.00 -4.65 0.00	32.56 -2.18 0.00	34.21 -2.20 0.00	32.64 -1.98 0.00	30.18 -1.63 0.00	26.88 -1.56 0.00	25.50 -1.64 0.00	25.94 -1.69 0.00	24.23 -2.20 0.00	27.52 -3.05 0.00	45.52 -4.57 0.00	89.51 -8.47 0.00	66.42 -6.73 0.00	41.29 -4.76 0.00	36.30 -4.18 0.00	38.92 -3.60 0.00
NIAGARA_230_LBMP 323716	43.73 -1.86 0.00	41.53 -1.51 0.00	38.25 -1.89 0.00	41.37 -2.40 0.00	41.57 -2.44 0.00	44.85 -3.08 0.00	74.59 -4.83 0.00	196.26 -17.02 0.00	51.27 -4.38 0.00	32.67 -2.07 0.00	34.30 -2.11 0.00	32.74 -1.88 0.00	30.28 -1.54 0.00	26.96 -1.48 0.00	25.58 -1.56 0.00	26.03 -1.61 0.00	24.33 -2.11 0.00	27.65 -2.92 0.00	45.77 -4.32 0.00	90.04 -7.93 0.00	66.85 -6.30 0.00	41.55 -4.50 0.00	36.48 -4.00 0.00	39.07 -3.45 0.00
NIAGARA__115KV_198_GIBSON 55903	43.62 -1.97 0.00	41.43 -1.62 0.00	38.15 -2.00 0.00	41.22 -2.55 0.00	41.40 -2.61 0.00	44.66 -3.27 0.00	74.23 -5.19 0.00	195.10 -18.18 0.00	51.00 -4.65 0.00	32.56 -2.18 0.00	34.20 -2.21 0.00	32.66 -1.96 0.00	30.18 -1.63 0.00	26.88 -1.56 0.00	25.50 -1.64 0.00	25.95 -1.69 0.00	24.24 -2.20 0.00	27.53 -3.04 0.00	45.52 -4.57 0.00	89.51 -8.46 0.00	66.42 -6.73 0.00	41.29 -4.76 0.00	36.33 -4.15 0.00	38.90 -3.62 0.00
NIAGARA____ 23760	43.73 -1.86 0.00	41.53 -1.51 0.00	38.25 -1.89 0.00	41.37 -2.40 0.00	41.57 -2.44 0.00	44.85 -3.08 0.00	74.59 -4.83 0.00	196.26 -17.02 0.00	51.27 -4.38 0.00	32.67 -2.07 0.00	34.30 -2.11 0.00	32.74 -1.88 0.00	30.28 -1.54 0.00	26.96 -1.48 0.00	25.58 -1.56 0.00	26.03 -1.61 0.00	24.33 -2.11 0.00	27.65 -2.92 0.00	45.77 -4.32 0.00	90.04 -7.93 0.00	66.85 -6.30 0.00	41.55 -4.50 0.00	36.48 -4.00 0.00	39.07 -3.45 0.00
NINE_MILE_1 23575	44.12 -1.47 0.00	41.69 -1.35 0.00	38.90 -1.25 0.00	42.38 -1.39 0.00	42.53 -1.49 0.00	46.15 -1.78 0.00	76.61 -2.81 0.00	205.33 -7.94 0.00	53.52 -2.12 0.00	33.46 -1.28 0.00	35.11 -1.30 0.00	33.48 -1.13 0.00	30.82 -0.99 0.00	27.56 -0.88 0.00	26.28 -0.87 0.00	26.75 -0.89 0.00	25.48 -0.96 0.00	29.37 -1.20 0.00	48.19 -1.89 0.00	94.40 -3.57 0.00	70.42 -2.74 0.00	44.20 -1.84 0.00	38.80 -1.68 0.00	40.89 -1.63 0.00
NINE_MILE_2 23744	44.12 -1.47 0.00	41.69 -1.35 0.00	38.90 -1.25 0.00	42.38 -1.39 0.00	42.53 -1.49 0.00	46.15 -1.78 0.00	76.60 -2.81 0.00	205.33 -7.94 0.00	53.52 -2.13 0.00	33.46 -1.28 0.00	35.10 -1.31 0.00	33.48 -1.14 0.00	30.82 -1.00 0.00	27.56 -0.89 0.00	26.28 -0.87 0.00	26.75 -0.89 0.00	25.47 -0.96 0.00	29.36 -1.21 0.00	48.18 -1.91 0.00	94.40 -3.57 0.00	70.41 -2.75 0.00	44.20 -1.85 0.00	38.79 -1.69 0.00	40.89 -1.63 0.00
NM_CAPITAL__DRP 24208	45.60 0.00 0.00	43.16 0.11 0.00	40.33 0.18 0.00	43.96 0.20 0.00	44.21 0.20 0.00	48.46 0.53 0.00	79.98 0.57 0.00	215.72 2.45 0.00	56.51 0.86 0.00	35.20 0.46 0.00	36.90 0.49 0.00	35.03 0.42 0.00	32.22 0.40 0.00	28.83 0.38 0.00	27.56 0.42 0.00	28.10 0.47 0.00	27.06 0.62 0.00	31.36 0.79 0.00	51.17 1.08 0.00	99.66 1.68 0.00	74.40 1.24 0.00	47.03 0.99 0.00	41.38 0.90 0.00	43.51 0.99 0.00

NM_CENTRAL___DRP 24181	44.95 -0.65 0.00	42.47 -0.58 0.00	39.59 -0.56 0.00	43.11 -0.66 0.00	43.27 -0.74 0.00	46.93 -1.01 0.00	78.04 -1.38 0.00	209.67 -3.60 0.00	54.46 -1.19 0.00	33.98 -0.75 0.00	35.62 -0.79 0.00	33.97 -0.65 0.00	31.26 -0.55 0.00	27.94 -0.50 0.00	26.63 -0.51 0.00	27.11 -0.53 0.00	25.81 -0.62 0.00	29.80 -0.76 0.00	49.02 -1.07 0.00	96.07 -1.90 0.00	71.63 -1.52 0.00	44.89 -1.16 0.00	39.36 -1.12 0.00	41.44 -1.07 0.00
NM_FRONTIER___DRP 24179	43.62 -1.97 0.00	41.43 -1.62 0.00	38.15 -2.00 0.00	41.22 -2.55 0.00	41.40 -2.61 0.00	44.66 -3.27 0.00	74.23 -5.19 0.00	195.10 -18.18 0.00	51.00 -4.65 0.00	32.56 -2.18 0.00	34.20 -2.21 0.00	32.66 -1.96 0.00	30.18 -1.63 0.00	26.88 -1.56 0.00	25.50 -1.64 0.00	25.95 -1.69 0.00	24.24 -2.20 0.00	27.53 -3.04 0.00	45.52 -4.57 0.00	89.51 -8.46 0.00	66.42 -6.73 0.00	41.29 -4.76 0.00	36.33 -4.15 0.00	38.90 -3.62 0.00
NM_ST_REGIS___HYD 24053	46.91 1.32 0.00	44.13 1.08 0.00	41.12 0.97 0.00	44.81 1.04 0.00	45.33 1.32 0.00	49.32 1.38 0.00	81.84 2.42 0.00	218.84 5.57 0.00	56.95 1.30 0.00	35.27 0.53 0.00	36.72 0.31 0.00	34.76 0.15 0.00	31.93 0.12 0.00	28.53 0.08 0.00	27.15 0.01 0.00	27.63 -0.01 0.00	26.34 -0.10 0.00	30.58 0.01 0.00	50.39 0.30 0.00	99.17 1.20 0.00	74.04 0.89 0.00	46.55 0.51 0.00	41.11 0.63 0.00	43.31 0.79 0.00
NORTHPORT___1 23551	46.18 0.59 0.00	43.35 0.30 0.00	40.71 0.56 0.00	44.44 0.67 0.00	44.49 0.47 0.00	48.96 1.03 0.00	80.05 0.64 0.00	214.04 4.60 3.83	56.86 1.21 0.00	36.31 1.57 0.00	38.34 1.93 0.00	36.18 1.56 0.00	33.17 1.35 0.00	29.62 1.17 0.00	28.43 1.28 0.00	28.94 1.31 0.00	28.86 1.59 -0.84	31.98 1.41 0.00	51.61 1.52 0.00	100.48 2.51 0.00	75.47 2.32 0.00	48.11 2.06 0.00	42.26 1.78 0.00	44.02 1.50 0.00
NORTHPORT___2 23552	46.18 0.59 0.00	43.35 0.30 0.00	40.71 0.56 0.00	44.44 0.67 0.00	44.49 0.47 0.00	48.96 1.03 0.00	80.05 0.64 0.00	214.04 4.60 3.83	56.86 1.21 0.00	36.31 1.57 0.00	38.34 1.93 0.00	36.18 1.56 0.00	33.17 1.35 0.00	29.62 1.17 0.00	28.43 1.28 0.00	28.94 1.31 0.00	28.86 1.59 -0.84	31.98 1.41 0.00	51.61 1.52 0.00	100.48 2.51 0.00	75.47 2.32 0.00	48.11 2.06 0.00	42.26 1.78 0.00	44.02 1.50 0.00
NORTHPORT___3 23553	45.93 0.34 0.00	43.17 0.13 0.00	40.50 0.35 0.00	44.21 0.44 0.00	44.18 0.16 0.00	48.49 0.56 0.00	79.40 -0.01 0.00	212.21 2.92 3.98	56.39 0.74 0.00	36.03 1.29 0.00	38.17 1.76 0.00	36.00 1.39 0.00	33.01 1.20 0.00	29.48 1.04 0.00	28.27 1.13 0.00	28.80 1.16 0.00	28.69 1.43 -0.84	31.75 1.18 0.00	51.12 1.03 0.00	99.59 1.62 0.00	74.75 1.59 0.00	47.73 1.68 0.00	41.97 1.50 0.00	43.75 1.23 0.00
NORTHPORT___4 23650	45.93 0.34 0.00	43.17 0.13 0.00	40.50 0.35 0.00	44.21 0.44 0.00	44.18 0.16 0.00	48.49 0.56 0.00	79.40 -0.01 0.00	212.21 2.92 3.98	56.39 0.74 0.00	36.03 1.29 0.00	38.17 1.76 0.00	36.00 1.39 0.00	33.01 1.20 0.00	29.48 1.04 0.00	28.27 1.13 0.00	28.80 1.16 0.00	28.69 1.43 -0.84	31.75 1.18 0.00	51.12 1.03 0.00	99.59 1.62 0.00	74.75 1.59 0.00	47.73 1.68 0.00	41.97 1.50 0.00	43.75 1.23 0.00
NORTHPORT___IC 23718	46.18 0.59 0.00	43.35 0.30 0.00	40.71 0.56 0.00	44.44 0.67 0.00	44.48 0.47 0.00	48.96 1.03 0.00	80.05 0.64 0.00	214.19 4.75 3.83	56.86 1.21 0.00	36.30 1.56 0.00	38.34 1.93 0.00	36.17 1.56 0.00	33.18 1.36 0.00	29.62 1.17 0.00	28.43 1.28 0.00	28.94 1.31 0.00	28.86 1.59 -0.84	31.97 1.40 0.00	51.60 1.52 0.00	100.49 2.51 0.00	75.47 2.32 0.00	48.11 2.07 0.00	42.26 1.78 0.00	44.01 1.50 0.00
NORTH___COUNTRY_ESR 323785	47.12 1.52 0.00	44.42 1.38 0.00	41.54 1.39 0.00	45.28 1.51 0.00	45.73 1.71 0.00	49.60 1.67 0.00	81.92 2.50 0.00	219.85 6.58 0.00	57.50 1.85 0.00	35.76 1.02 0.00	37.41 1.00 0.00	35.40 0.79 0.00	32.58 0.77 0.00	29.17 0.73 0.00	27.75 0.60 0.00	28.24 0.60 0.00	26.92 0.49 0.00	31.16 0.59 0.00	51.00 0.91 0.00	99.93 1.96 0.00	74.80 1.65 0.00	47.27 1.23 0.00	41.72 1.24 0.00	43.93 1.41 0.00
NPX_GEN_1385_PROXY 323591	45.11 -0.48 0.00	42.34 -0.70 0.00	40.05 -0.10 0.00	43.70 -0.07 0.00	43.60 -0.42 0.00	48.74 0.81 0.00	78.22 -1.20 0.00	209.22 -0.22 3.83	56.08 0.43 0.00	36.20 1.46 0.00	38.03 1.62 0.00	35.80 1.19 0.00	32.94 1.12 0.00	29.41 0.97 0.00	28.23 1.09 0.00	28.71 1.07 0.00	28.82 1.55 -0.84	31.97 1.40 0.00	51.40 1.31 0.00	98.95 0.97 0.00	74.58 1.42 0.00	47.94 1.89 0.00	42.11 1.63 0.00	43.85 1.33 0.00
NPX_GEN_CSC 323557	45.31 -0.28 0.00	42.05 -0.99 0.00	39.84 -0.31 0.00	43.52 -0.25 0.00	43.56 -0.46 0.00	48.02 0.09 0.00	78.17 -1.25 0.00	209.41 0.14 4.00	55.41 -0.23 0.00	36.17 1.43 0.00	38.44 2.03 0.00	36.09 1.48 0.00	33.12 1.31 0.00	29.57 1.13 0.00	28.49 1.35 0.00	28.98 1.34 0.00	28.95 1.68 -0.84	31.29 0.72 0.00	50.10 0.01 0.00	98.38 0.41 0.00	73.93 0.78 0.00	47.60 1.55 0.00	41.87 1.39 0.00	43.57 1.06 0.00
NSINS_S___GLNS_FALLS 23858	47.08 1.49 0.00	44.42 1.38 0.00	41.45 1.31 0.00	45.27 1.50 0.00	45.55 1.53 0.00	50.09 2.17 0.00	82.96 3.54 0.00	224.05 10.78 0.00	58.50 2.86 0.00	35.96 1.22 0.00	37.51 1.10 0.00	35.35 0.74 0.00	32.43 0.62 0.00	29.01 0.57 0.00	27.72 0.58 0.00	28.30 0.66 0.00	27.39 0.95 0.00	31.86 1.29 0.00	52.40 2.31 0.00	102.64 4.66 0.00	76.67 3.52 0.00	48.31 2.26 0.00	42.22 1.74 0.00	44.38 1.86 0.00
NUCOR_STEEL___DRP 24197	45.44 -0.15 0.00	43.06 0.02 0.00	40.12 -0.03 0.00	43.76 -0.01 0.00	43.94 -0.07 0.00	47.52 -0.41 0.00	79.08 -0.34 0.00	212.10 -1.17 0.00	55.18 -0.47 0.00	34.32 -0.42 0.00	35.93 -0.48 0.00	34.08 -0.54 0.00	31.35 -0.46 0.00	28.09 -0.36 0.00	26.68 -0.46 0.00	27.15 -0.49 0.00	25.95 -0.49 0.00	30.06 -0.51 0.00	49.48 -0.61 0.00	97.50 -0.47 0.00	72.62 -0.53 0.00	45.51 -0.54 0.00	39.90 -0.58 0.00	41.79 -0.73 0.00
NUMBER_THREE_WT_PWR 323818	46.54 0.95 0.00	44.17 1.12 0.00	41.17 1.02 0.00	44.92 1.15 0.00	45.29 1.28 0.00	49.52 1.59 0.00	82.63 3.22 0.00	221.72 8.45 0.00	57.14 1.49 0.00	34.98 0.24 0.00	36.18 -0.23 0.00	34.03 -0.59 0.00	31.04 -0.77 0.00	27.88 -0.57 0.00	26.51 -0.64 0.00	27.03 -0.61 0.00	25.87 -0.57 0.00	30.54 -0.02 0.00	50.85 0.76 0.00	100.06 2.09 0.00	73.90 0.75 0.00	45.78 -0.27 0.00	39.99 -0.49 0.00	41.95 -0.57 0.00
NYISO_LBMP_REFERENCE 24008	45.59 0.00 0.00	43.05 0.00 0.00	40.15 0.00 0.00	43.77 0.00 0.00	44.02 0.00 0.00	47.93 0.00 0.00	79.42 0.00 0.00	213.27 0.00 0.00	55.65 0.00 0.00	34.74 0.00 0.00	36.41 0.00 0.00	34.62 0.00 0.00	31.81 0.00 0.00	28.45 0.00 0.00	27.14 0.00 0.00	27.64 0.00 0.00	26.43 0.00 0.00	30.57 0.00 0.00	50.09 0.00 0.00	97.97 0.00 0.00	73.15 0.00 0.00	46.05 0.00 0.00	40.48 0.00 0.00	42.52 0.00 0.00

NYPA_BRENTWD____GT 24164	46.65 1.06 0.00	43.75 0.71 0.00	41.07 0.92 0.00	44.84 1.07 0.00	44.92 0.90 0.00	49.44 1.51 0.00	80.70 1.29 0.00	215.51 6.14 3.90	57.40 1.75 0.00	36.65 1.91 0.00	38.66 2.25 0.00	36.43 1.81 0.00	33.39 1.58 0.00	29.81 1.36 0.00	28.61 1.47 0.00	29.15 1.51 0.00	29.06 1.80 -0.84	32.24 1.67 0.00	52.14 2.05 0.00	101.50 3.53 0.00	76.31 3.16 0.00	48.63 2.59 0.00	42.68 2.20 0.00	44.41 1.89 0.00
NYPA_GOWANUS____GT5 24156	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57
NYPA_GOWANUS____GT6 24157	50.31 1.49 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 1.99 -2.37	84.43 3.28 -1.73	225.01 11.73 -0.01	96.40 2.95 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.05 2.06 -13.37	49.56 1.82 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.75 -9.79	103.21 5.24 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.03 -9.57
NYPA_HARLEM__RVR__GT1 24160	46.52 0.93 0.00	43.94 0.88 -0.01	41.04 0.89 -0.01	44.83 1.05 -0.01	45.02 1.00 -0.01	49.29 1.36 0.00	81.77 2.35 0.00	222.91 9.63 0.00	57.99 2.34 0.00	36.35 1.61 0.00	38.21 1.81 0.01	36.23 1.61 -0.01	33.25 1.43 -0.01	29.70 1.25 -0.01	28.42 1.28 0.00	28.95 1.30 0.00	28.70 1.43 -0.83	32.16 1.59 0.00	52.19 2.10 0.00	102.04 4.07 0.00	76.34 3.19 0.00	48.22 2.18 0.01	42.34 1.87 0.01	44.02 1.50 0.00
NYPA_HARLEM__RVR__GT2 24161	46.52 0.93 0.00	43.94 0.88 -0.01	41.04 0.89 -0.01	44.83 1.05 -0.01	45.02 1.00 -0.01	49.29 1.36 0.00	81.77 2.35 0.00	222.91 9.63 0.00	57.99 2.34 0.00	36.35 1.61 0.00	38.21 1.81 0.01	36.23 1.61 -0.01	33.25 1.43 -0.01	29.70 1.25 -0.01	28.42 1.28 0.00	28.95 1.30 0.00	28.70 1.43 -0.83	32.16 1.59 0.00	52.19 2.10 0.00	102.04 4.07 0.00	76.34 3.19 0.00	48.22 2.18 0.01	42.34 1.87 0.01	44.02 1.50 0.00
NYPA_KENT____GT 24152	48.85 1.36 -1.90	47.38 1.29 -3.04	46.16 1.30 -4.71	47.67 1.50 -2.40	47.77 1.46 -2.29	51.22 1.86 -1.43	83.55 3.09 -1.04	224.43 11.15 0.00	81.20 2.81 -22.75	44.97 1.92 -8.31	48.89 2.17 -10.31	45.74 1.97 -9.16	43.14 1.74 -9.58	41.47 1.50 -11.51	40.93 1.50 -12.29	41.15 1.53 -11.98	41.54 1.66 -13.45	44.90 1.88 -12.45	58.58 2.60 -5.90	102.93 4.96 0.00	85.66 3.83 -8.68	75.98 2.59 -27.34	52.63 2.24 -9.92	50.20 1.93 -5.76
NYPA_POUCH1____GT 24155	50.25 1.42 -3.24	49.48 1.35 -5.09	49.30 1.34 -7.82	49.30 1.55 -3.99	49.31 1.50 -3.81	52.16 1.85 -2.37	84.13 2.98 -1.73	224.26 10.98 -0.01	96.25 2.80 -37.80	50.46 1.90 -13.81	50.63 2.11 -12.11	49.94 1.95 -13.37	49.47 1.74 -15.92	49.08 1.51 -19.13	49.08 1.52 -20.42	49.08 1.54 -19.91	49.90 1.67 -21.80	53.15 1.90 -20.68	62.47 2.59 -9.79	102.78 4.81 0.00	78.76 3.66 -1.96	80.92 2.58 -32.30	58.95 2.25 -16.21	54.03 1.95 -9.57
NYPA_VERNON____GT2 24162	47.37 1.22 -0.56	45.21 1.17 -1.00	42.93 1.18 -1.60	45.96 1.37 -0.82	46.13 1.33 -0.78	50.15 1.74 -0.49	82.66 2.90 -0.35	223.86 10.58 0.00	66.01 2.67 -7.70	39.38 1.83 -2.82	47.02 2.09 -8.52	41.45 1.89 -4.94	36.71 1.65 -3.25	33.77 1.42 -3.90	32.72 1.42 -4.16	33.15 1.45 -4.05	33.11 1.57 -5.10	36.56 1.78 -4.22	54.54 2.46 -2.00	102.68 4.71 0.00	84.60 3.69 -7.76	70.92 2.49 -22.39	46.21 2.12 -3.62	46.28 1.81 -1.95
NYPA_VERNON____GT3 24163	47.37 1.22 -0.56	45.21 1.17 -1.00	42.93 1.18 -1.60	45.96 1.37 -0.82	46.13 1.33 -0.78	50.15 1.74 -0.49	82.66 2.90 -0.35	223.86 10.58 0.00	66.01 2.67 -7.70	39.38 1.83 -2.82	47.02 2.09 -8.52	41.45 1.89 -4.94	36.71 1.65 -3.25	33.77 1.42 -3.90	32.72 1.42 -4.16	33.15 1.45 -4.05	33.11 1.57 -5.10	36.56 1.78 -4.22	54.54 2.46 -2.00	102.68 4.71 0.00	84.60 3.69 -7.76	70.92 2.49 -22.39	46.21 2.12 -3.62	46.28 1.81 -1.95
NYPA__ASTORIA_CC1 323568	46.77 1.18 0.00	44.18 1.13 -0.01	41.29 1.14 -0.01	45.10 1.32 -0.01	45.31 1.28 -0.01	49.62 1.69 -0.01	82.19 2.78 0.00	223.55 10.28 0.00	58.24 2.59 0.00	36.53 1.78 0.00	44.57 2.04 -6.12	38.71 1.85 -2.24	33.43 1.61 -0.01	29.83 1.37 -0.01	28.52 1.38 0.00	29.05 1.40 0.00	28.80 1.54 -0.83	32.31 1.74 -0.01	52.48 2.39 0.00	102.58 4.60 0.00	86.39 3.65 -9.59	74.61 2.44 -26.12	43.08 2.08 -0.52	44.29 1.77 0.00
NYPA__ASTORIA_CC2 323569	46.77 1.18 0.00	44.18 1.13 -0.01	41.29 1.14 -0.01	45.10 1.32 -0.01	45.31 1.28 -0.01	49.62 1.69 -0.01	82.19 2.78 0.00	223.55 10.28 0.00	58.24 2.59 0.00	36.53 1.78 0.00	44.57 2.04 -6.12	38.71 1.85 -2.24	33.43 1.61 -0.01	29.83 1.37 -0.01	28.52 1.38 0.00	29.05 1.40 0.00	28.80 1.54 -0.83	32.31 1.74 -0.01	52.48 2.39 0.00	102.58 4.60 0.00	86.39 3.65 -9.59	74.61 2.44 -26.12	43.08 2.08 -0.52	44.29 1.77 0.00
NYPA__HOLTSVILL 23794	46.17 0.57 0.00	43.24 0.20 0.00	40.65 0.50 0.00	44.37 0.60 0.00	44.45 0.43 0.00	48.92 0.99 0.00	80.11 0.70 0.00	214.24 4.98 4.01	56.79 1.14 0.00	36.38 1.64 0.00	38.40 1.99 0.00	36.17 1.55 0.00	33.16 1.35 0.00	29.61 1.17 0.00	28.45 1.31 0.00	28.98 1.34 0.00	28.91 1.63 -0.84	31.92 1.35 0.00	51.45 1.36 0.00	100.46 2.49 0.00	75.49 2.33 0.00	48.14 2.09 0.00	42.28 1.80 0.00	44.00 1.48 0.00
NYPA__HELLGATE_GT1 24158	46.52 0.93 0.00	43.94 0.88 -0.01	41.04 0.89 -0.01	44.83 1.05 -0.01	45.02 1.00 -0.01	49.29 1.36 0.00	81.77 2.35 0.00	222.90 9.62 0.00	57.94 2.29 0.00	36.34 1.60 0.00	38.21 1.81 0.01	36.23 1.61 -0.01	33.25 1.43 -0.01	29.70 1.25 -0.01	28.42 1.28 0.00	28.95 1.30 0.00	28.70 1.43 -0.83	32.16 1.59 0.00	52.19 2.10 0.00	102.00 4.03 0.00	76.30 3.15 0.00	48.20 2.16 0.01	42.34 1.87 0.01	44.02 1.50 0.00
NYPA__HELLGATE_GT2 24159	46.52 0.93 0.00	43.94 0.88 -0.01	41.04 0.89 -0.01	44.83 1.05 -0.01	45.02 1.00 -0.01	49.29 1.36 0.00	81.77 2.35 0.00	222.90 9.62 0.00	57.94 2.29 0.00	36.34 1.60 0.00	38.21 1.81 0.01	36.23 1.61 -0.01	33.25 1.43 -0.01	29.70 1.25 -0.01	28.42 1.28 0.00	28.95 1.30 0.00	28.70 1.43 -0.83	32.16 1.59 0.00	52.19 2.10 0.00	102.00 4.03 0.00	76.30 3.15 0.00	48.20 2.16 0.01	42.34 1.87 0.01	44.02 1.50 0.00
NYS_BARGE__HYD 23848	44.04 -1.56 0.00	41.84 -1.21 0.00	38.47 -1.67 0.00	41.66 -2.11 0.00	41.97 -2.05 0.00	45.35 -2.58 0.00	75.51 -3.91 0.00	197.81 -15.46 0.00	51.64 -4.00 0.00	32.79 -1.95 0.00	34.37 -2.04 0.00	32.79 -1.83 0.00	30.30 -1.51 0.00	26.96 -1.48 0.00	25.59 -1.56 0.00	26.02 -1.62 0.00	24.31 -2.13 0.00	27.66 -2.91 0.00	45.96 -4.13 0.00	90.58 -7.39 0.00	67.26 -5.90 0.00	41.75 -4.29 0.00	36.67 -3.81 0.00	39.26 -3.25 0.00

OAK ORCHARD___HYD 24046	44.82 -0.77 0.00	42.46 -0.59 0.00	39.31 -0.84 0.00	42.68 -1.09 0.00	42.90 -1.12 0.00	46.43 -1.50 0.00	77.37 -2.05 0.00	205.95 -7.32 0.00	53.53 -2.11 0.00	33.60 -1.14 0.00	35.22 -1.20 0.00	33.56 -1.05 0.00	30.96 -0.85 0.00	27.61 -0.83 0.00	26.23 -0.91 0.00	26.70 -0.94 0.00	25.21 -1.23 0.00	28.93 -1.64 0.00	47.90 -2.19 0.00	94.18 -3.79 0.00	70.07 -3.08 0.00	43.69 -2.35 0.00	38.28 -2.20 0.00	40.62 -1.89 0.00
OAKDALE___35_KV_LOAD 356122	45.27 -0.33 0.00	42.73 -0.31 0.00	39.83 -0.32 0.00	43.44 -0.33 0.00	43.61 -0.41 0.00	47.42 -0.51 0.00	78.92 -0.50 0.00	212.18 -1.09 0.00	54.98 -0.66 0.00	34.35 -0.40 0.00	36.05 -0.36 0.00	34.35 -0.26 0.00	31.58 -0.23 0.00	28.21 -0.23 0.00	26.90 -0.24 0.00	27.35 -0.29 0.00	26.05 -0.38 0.00	30.09 -0.48 0.00	49.62 -0.47 0.00	97.28 -0.69 0.00	72.46 -0.70 0.00	45.32 -0.73 0.00	39.78 -0.70 0.00	41.74 -0.78 0.00
OCC_CHEM___DRP 24175	43.74 -1.86 0.00	41.53 -1.51 0.00	38.23 -1.92 0.00	41.31 -2.46 0.00	41.50 -2.51 0.00	44.76 -3.16 0.00	74.39 -5.02 0.00	195.54 -17.73 0.00	51.12 -4.53 0.00	32.64 -2.10 0.00	34.28 -2.13 0.00	32.73 -1.89 0.00	30.25 -1.57 0.00	26.94 -1.51 0.00	25.55 -1.59 0.00	26.01 -1.63 0.00	24.28 -2.15 0.00	27.59 -2.98 0.00	45.63 -4.45 0.00	89.71 -8.27 0.00	66.57 -6.59 0.00	41.38 -4.66 0.00	36.39 -4.09 0.00	38.99 -3.53 0.00
OH_GEN_PROXY 24063	43.78 -1.81 0.00	41.56 -1.49 0.00	38.31 -1.84 0.00	41.43 -2.34 0.00	41.64 -2.37 0.00	44.93 -3.00 0.00	74.74 -4.68 0.00	196.92 -16.35 0.00	51.41 -4.23 0.00	32.73 -2.01 0.00	34.38 -2.03 0.00	32.81 -1.81 0.00	30.34 -1.47 0.00	27.03 -1.42 0.00	25.65 -1.50 0.00	26.09 -1.55 0.00	24.40 -2.04 0.00	27.75 -2.82 0.00	45.93 -4.16 0.00	90.36 -7.61 0.00	67.09 -6.07 0.00	41.68 -4.36 0.00	36.60 -3.88 0.00	39.15 -3.37 0.00
OLIN_CORP_DRP 24177	43.46 -2.14 0.00	41.30 -1.75 0.00	37.96 -2.19 0.00	41.11 -2.66 0.00	41.43 -2.59 0.00	44.74 -3.19 0.00	74.40 -5.01 0.00	194.33 -18.94 0.00	50.84 -4.81 0.00	32.42 -2.32 0.00	34.02 -2.39 0.00	32.49 -2.12 0.00	30.02 -1.79 0.00	26.72 -1.72 0.00	25.37 -1.78 0.00	25.80 -1.84 0.00	24.07 -2.37 0.00	27.32 -3.25 0.00	45.26 -4.83 0.00	89.07 -8.90 0.00	66.12 -7.04 0.00	41.08 -4.96 0.00	36.17 -4.31 0.00	38.76 -3.75 0.00
OLIN_CORP_DSASP 323712	43.74 -1.86 0.00	41.53 -1.51 0.00	38.23 -1.92 0.00	41.32 -2.45 0.00	41.51 -2.51 0.00	44.76 -3.17 0.00	74.40 -5.02 0.00	195.52 -17.75 0.00	51.12 -4.53 0.00	32.64 -2.10 0.00	34.29 -2.12 0.00	32.72 -1.90 0.00	30.25 -1.56 0.00	26.94 -1.50 0.00	25.55 -1.59 0.00	26.00 -1.64 0.00	24.28 -2.15 0.00	27.58 -2.99 0.00	45.63 -4.47 0.00	89.70 -8.27 0.00	66.56 -6.59 0.00	41.38 -4.66 0.00	36.37 -4.11 0.00	39.00 -3.52 0.00
ONEIDA_HERK_LFGE 323681	46.56 0.97 0.00	44.05 1.01 0.00	41.06 0.91 0.00	44.80 1.03 0.00	45.11 1.10 0.00	49.29 1.36 0.00	82.11 2.69 0.00	220.62 7.35 0.00	57.13 1.48 0.00	35.22 0.48 0.00	36.66 0.24 0.00	34.64 0.03 0.00	31.71 -0.10 0.00	28.39 -0.05 0.00	27.05 -0.09 0.00	27.55 -0.08 0.00	26.44 0.00 0.00	30.96 0.39 0.00	51.22 1.14 0.00	100.48 2.51 0.00	74.64 1.49 0.00	46.60 0.55 0.00	40.78 0.30 0.00	42.75 0.23 0.00
ONEIDA___115KV_TB4 55905	46.54 0.95 0.00	43.96 0.91 0.00	40.98 0.83 0.00	44.70 0.93 0.00	44.96 0.95 0.00	49.08 1.15 0.00	81.77 2.36 0.00	219.90 6.63 0.00	56.95 1.30 0.00	35.18 0.44 0.00	36.71 0.30 0.00	34.82 0.20 0.00	31.95 0.14 0.00	28.56 0.11 0.00	27.21 0.07 0.00	27.71 0.07 0.00	26.57 0.13 0.00	30.94 0.38 0.00	51.19 1.10 0.00	100.53 2.56 0.00	74.85 1.70 0.00	46.79 0.74 0.00	40.97 0.49 0.00	42.94 0.43 0.00
ONONDAGA_REF_OCCRA 23987	45.24 -0.35 0.00	42.72 -0.32 0.00	39.83 -0.32 0.00	43.38 -0.39 0.00	43.57 -0.45 0.00	47.26 -0.67 0.00	78.63 -0.79 0.00	211.35 -1.93 0.00	54.85 -0.80 0.00	34.19 -0.55 0.00	35.81 -0.60 0.00	34.13 -0.48 0.00	31.40 -0.41 0.00	28.06 -0.39 0.00	26.75 -0.39 0.00	27.22 -0.42 0.00	25.94 -0.50 0.00	29.96 -0.61 0.00	49.37 -0.72 0.00	96.83 -1.15 0.00	72.16 -0.99 0.00	45.23 -0.81 0.00	39.64 -0.84 0.00	41.70 -0.82 0.00
ONONDAGA___COGEN 23986	45.12 -0.47 0.00	42.64 -0.40 0.00	39.75 -0.40 0.00	43.31 -0.46 0.00	43.49 -0.53 0.00	47.17 -0.76 0.00	78.41 -1.01 0.00	210.61 -2.67 0.00	54.71 -0.93 0.00	34.12 -0.62 0.00	35.76 -0.65 0.00	34.08 -0.53 0.00	31.35 -0.46 0.00	28.02 -0.42 0.00	26.71 -0.44 0.00	27.18 -0.46 0.00	25.91 -0.53 0.00	29.94 -0.63 0.00	49.31 -0.78 0.00	96.70 -1.27 0.00	72.08 -1.07 0.00	45.19 -0.86 0.00	39.61 -0.87 0.00	41.65 -0.86 0.00
ONTARIO___LFGE 23819	45.49 -0.11 0.00	43.03 -0.02 0.00	40.02 -0.13 0.00	43.55 -0.22 0.00	43.73 -0.28 0.00	47.55 -0.38 0.00	79.26 -0.16 0.00	212.21 -1.06 0.00	54.83 -0.81 0.00	34.05 -0.70 0.00	35.55 -0.86 0.00	33.82 -0.80 0.00	31.10 -0.71 0.00	27.72 -0.72 0.00	26.36 -0.78 0.00	26.81 -0.83 0.00	25.47 -0.96 0.00	29.51 -1.05 0.00	49.19 -0.90 0.00	96.74 -1.23 0.00	71.91 -1.25 0.00	44.84 -1.21 0.00	39.23 -1.25 0.00	41.23 -1.29 0.00
ORANGEVILLE_WT_PWR 323706	44.24 -1.35 0.00	42.08 -0.96 0.00	38.87 -1.28 0.00	42.05 -1.73 0.00	42.19 -1.83 0.00	45.65 -2.28 0.00	76.15 -3.27 0.00	201.32 -11.95 0.00	51.87 -3.77 0.00	32.17 -2.57 0.00	33.71 -2.70 0.00	32.23 -2.39 0.00	29.72 -2.09 0.00	26.35 -2.10 0.00	24.97 -2.17 0.00	25.42 -2.22 0.00	23.93 -2.51 0.00	27.81 -2.76 0.00	46.94 -3.15 0.00	92.64 -5.33 0.00	68.60 -4.55 0.00	42.25 -3.79 0.00	36.60 -3.88 0.00	38.68 -3.84 0.00
ORANGEVILLE___ESR 323794	44.24 -1.35 0.00	42.08 -0.96 0.00	38.87 -1.28 0.00	42.05 -1.73 0.00	42.19 -1.83 0.00	45.65 -2.28 0.00	76.15 -3.27 0.00	201.32 -11.95 0.00	51.87 -3.77 0.00	32.17 -2.57 0.00	33.71 -2.70 0.00	32.23 -2.39 0.00	29.72 -2.09 0.00	26.35 -2.10 0.00	24.97 -2.17 0.00	25.42 -2.22 0.00	23.93 -2.51 0.00	27.81 -2.76 0.00	46.94 -3.15 0.00	92.64 -5.33 0.00	68.60 -4.55 0.00	42.25 -3.79 0.00	36.60 -3.88 0.00	38.68 -3.84 0.00
OSWEGATCHIE___HYD 24044	46.12 0.52 0.00	43.55 0.51 0.00	40.56 0.41 0.00	44.24 0.47 0.00	44.68 0.67 0.00	48.75 0.83 0.00	81.18 1.76 0.00	217.36 4.08 0.00	56.22 0.57 0.00	34.57 -0.17 0.00	35.83 -0.58 0.00	33.80 -0.82 0.00	30.96 -0.86 0.00	27.73 -0.72 0.00	26.38 -0.77 0.00	26.87 -0.77 0.00	25.66 -0.77 0.00	30.09 -0.48 0.00	49.93 -0.16 0.00	98.29 0.32 0.00	72.98 -0.17 0.00	45.52 -0.53 0.00	39.97 -0.51 0.00	42.04 -0.48 0.00
OSWEGO___5 23606	44.44 -1.15 0.00	42.00 -1.04 0.00	39.16 -0.99 0.00	42.67 -1.10 0.00	42.84 -1.18 0.00	46.48 -1.45 0.00	77.18 -2.24 0.00	206.97 -6.30 0.00	53.88 -1.77 0.00	33.68 -1.06 0.00	35.31 -1.10 0.00	33.67 -0.94 0.00	30.99 -0.83 0.00	27.70 -0.74 0.00	26.41 -0.73 0.00	26.88 -0.76 0.00	25.61 -0.82 0.00	29.55 -1.02 0.00	48.52 -1.57 0.00	95.07 -2.90 0.00	70.88 -2.27 0.00	44.49 -1.55 0.00	39.05 -1.43 0.00	41.14 -1.38 0.00

OSWEGO___6 23613	44.44 -1.15 0.00	42.00 -1.04 0.00	39.16 -0.99 0.00	42.67 -1.10 0.00	42.84 -1.18 0.00	46.48 -1.45 0.00	77.18 -2.24 0.00	206.97 -6.30 0.00	53.88 -1.77 0.00	33.68 -1.06 0.00	35.31 -1.10 0.00	33.67 -0.94 0.00	30.99 -0.83 0.00	27.70 -0.74 0.00	26.41 -0.73 0.00	26.88 -0.76 0.00	25.61 -0.82 0.00	29.55 -1.02 0.00	48.52 -1.57 0.00	95.07 -2.90 0.00	70.88 -2.27 0.00	44.49 -1.55 0.00	39.05 -1.43 0.00	41.14 -1.38 0.00
OUTOKUMPU-AB___DRP 24206	44.64 -0.95 0.00	42.33 -0.72 0.00	38.96 -1.19 0.00	42.15 -1.62 0.00	42.38 -1.64 0.00	45.77 -2.16 0.00	76.25 -3.17 0.00	200.63 -12.64 0.00	52.34 -3.31 0.00	33.30 -1.44 0.00	34.95 -1.47 0.00	33.34 -1.27 0.00	30.77 -1.04 0.00	27.42 -1.03 0.00	25.99 -1.15 0.00	26.44 -1.20 0.00	24.70 -1.74 0.00	28.12 -2.44 0.00	46.66 -3.43 0.00	91.89 -6.08 0.00	68.22 -4.93 0.00	42.32 -3.72 0.00	37.20 -3.28 0.00	39.72 -2.80 0.00
OXBOW___BTM 323836	44.11 -1.48 0.00	41.87 -1.18 0.00	38.54 -1.61 0.00	41.67 -2.10 0.00	41.88 -2.14 0.00	45.21 -2.72 0.00	75.24 -4.18 0.00	197.84 -15.43 0.00	51.67 -3.98 0.00	32.95 -1.79 0.00	34.58 -1.83 0.00	32.98 -1.64 0.00	30.48 -1.34 0.00	27.15 -1.30 0.00	25.75 -1.40 0.00	26.19 -1.44 0.00	24.46 -1.97 0.00	27.82 -2.75 0.00	46.10 -3.99 0.00	90.71 -7.27 0.00	67.34 -5.81 0.00	41.81 -4.23 0.00	36.73 -3.75 0.00	39.32 -3.20 0.00
OXBOW____ 24026	44.12 -1.47 0.00	41.86 -1.18 0.00	38.53 -1.61 0.00	41.66 -2.11 0.00	41.88 -2.14 0.00	45.21 -2.72 0.00	75.24 -4.17 0.00	197.86 -15.41 0.00	51.67 -3.97 0.00	32.94 -1.80 0.00	34.57 -1.85 0.00	32.99 -1.62 0.00	30.47 -1.34 0.00	27.15 -1.30 0.00	25.74 -1.40 0.00	26.19 -1.45 0.00	24.46 -1.97 0.00	27.83 -2.74 0.00	46.11 -3.98 0.00	90.70 -7.27 0.00	67.33 -5.82 0.00	41.81 -4.23 0.00	36.75 -3.73 0.00	39.30 -3.21 0.00
OXY_CHEM_DSASP 323612	43.74 -1.86 0.00	41.53 -1.51 0.00	38.23 -1.92 0.00	41.31 -2.46 0.00	41.50 -2.51 0.00	44.76 -3.16 0.00	74.39 -5.02 0.00	195.54 -17.73 0.00	51.12 -4.53 0.00	32.64 -2.10 0.00	34.28 -2.13 0.00	32.73 -1.89 0.00	30.25 -1.57 0.00	26.94 -1.51 0.00	25.55 -1.59 0.00	26.01 -1.63 0.00	24.28 -2.15 0.00	27.59 -2.98 0.00	45.63 -4.45 0.00	89.71 -8.27 0.00	66.57 -6.59 0.00	41.38 -4.66 0.00	36.39 -4.09 0.00	38.99 -3.53 0.00
OZONE_PARK_ESR 323760	47.04 1.45 0.00	44.38 1.34 0.00	41.47 1.32 0.00	45.28 1.51 0.00	45.50 1.48 0.00	49.88 1.95 0.00	82.74 3.32 0.00	225.03 11.76 0.00	58.54 2.89 0.00	36.71 1.97 0.00	38.64 2.23 0.00	36.63 2.02 0.00	33.57 1.76 0.00	29.98 1.53 0.00	28.67 1.52 0.00	29.19 1.55 0.00	28.92 1.65 -0.83	32.45 1.88 0.00	52.76 2.67 0.00	103.17 5.20 0.00	77.19 4.04 0.00	48.73 2.69 0.00	42.75 2.27 0.00	44.47 1.95 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	43.74 -1.86 0.00	41.53 -1.51 0.00	38.23 -1.92 0.00	41.31 -2.46 0.00	41.50 -2.51 0.00	44.76 -3.16 0.00	74.39 -5.02 0.00	195.54 -17.73 0.00	51.12 -4.53 0.00	32.64 -2.10 0.00	34.28 -2.13 0.00	32.73 -1.89 0.00	30.25 -1.57 0.00	26.94 -1.51 0.00	25.55 -1.59 0.00	26.01 -1.63 0.00	24.28 -2.15 0.00	27.59 -2.98 0.00	45.63 -4.45 0.00	89.71 -8.27 0.00	66.57 -6.59 0.00	41.38 -4.66 0.00	36.39 -4.09 0.00	38.99 -3.53 0.00
PACKARD__115KV_DUPONT_184 80571	43.74 -1.86 0.00	41.53 -1.51 0.00	38.23 -1.92 0.00	41.31 -2.46 0.00	41.50 -2.51 0.00	44.76 -3.16 0.00	74.39 -5.02 0.00	195.54 -17.73 0.00	51.12 -4.53 0.00	32.64 -2.10 0.00	34.28 -2.13 0.00	32.73 -1.89 0.00	30.25 -1.57 0.00	26.94 -1.51 0.00	25.55 -1.59 0.00	26.01 -1.63 0.00	24.28 -2.15 0.00	27.59 -2.98 0.00	45.63 -4.45 0.00	89.71 -8.27 0.00	66.57 -6.59 0.00	41.38 -4.66 0.00	36.39 -4.09 0.00	38.99 -3.53 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	46.53 0.93 0.00	43.95 0.90 -0.01	41.08 0.92 -0.01	44.87 1.10 -0.01	45.06 1.03 -0.01	49.33 1.40 0.00	81.85 2.44 0.00	223.09 9.82 0.00	58.02 2.37 0.00	36.33 1.59 0.01	38.23 1.83 0.01	36.28 1.65 -0.01	33.27 1.45 -0.01	29.72 1.27 -0.01	28.43 1.29 0.00	28.96 1.31 0.00	28.70 1.44 -0.83	32.16 1.59 -0.01	52.25 2.16 0.00	102.18 4.20 0.00	76.41 3.26 0.00	48.22 2.19 0.01	42.31 1.84 0.00	44.11 1.59 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	46.64 1.05 0.00	44.01 0.96 -0.01	41.09 0.93 -0.01	44.88 1.10 -0.01	45.06 1.04 -0.01	49.35 1.42 0.00	82.39 2.97 0.00	224.51 11.24 0.00	58.35 2.70 0.00	36.45 1.70 0.00	38.27 1.87 0.01	36.36 1.74 -0.01	33.28 1.46 -0.01	29.72 1.27 -0.01	28.43 1.29 0.00	28.96 1.31 0.00	28.71 1.44 -0.83	32.16 1.59 -0.01	52.25 2.16 0.00	102.18 4.20 0.00	76.41 3.26 0.00	48.22 2.19 0.01	42.34 1.87 0.00	44.26 1.74 0.00
PATROON__115KV_TB1 80586	45.76 0.17 0.00	43.29 0.25 0.00	40.43 0.28 0.00	44.09 0.32 0.00	44.34 0.33 0.00	48.57 0.64 0.00	80.24 0.83 0.00	216.44 3.17 0.00	56.61 0.97 0.00	35.28 0.54 0.00	36.97 0.55 0.00	35.09 0.47 0.00	32.26 0.45 0.00	28.87 0.43 0.00	27.59 0.45 0.00	28.14 0.50 0.00	27.09 0.66 0.00	31.43 0.86 0.00	51.30 1.20 0.00	99.98 2.01 0.00	74.60 1.45 0.00	47.13 1.09 0.00	41.47 1.00 0.00	43.61 1.09 0.00
PATTRSNVILLE___SOLAR 323815	46.79 1.20 0.00	44.14 1.09 0.00	41.16 1.01 0.00	44.88 1.11 0.00	45.17 1.15 0.00	49.69 1.77 0.00	82.54 3.13 0.00	221.99 8.72 0.00	57.01 1.37 0.00	35.02 0.28 0.00	36.51 0.10 0.00	34.71 0.09 0.00	31.87 0.05 0.00	28.48 0.04 0.00	27.18 0.04 0.00	27.70 0.06 0.00	26.59 0.16 0.00	31.10 0.53 0.00	51.59 1.50 0.00	101.23 3.26 0.00	75.44 2.29 0.00	47.51 1.46 0.00	41.68 1.20 0.00	43.65 1.13 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	45.28 -0.31 0.00	42.87 -0.17 0.00	39.56 -0.59 0.00	42.90 -0.87 0.00	43.10 -0.91 0.00	46.58 -1.35 0.00	77.72 -1.70 0.00	205.55 -7.72 0.00	53.41 -2.24 0.00	33.84 -0.90 0.00	35.52 -0.89 0.00	33.92 -0.70 0.00	31.35 -0.46 0.00	27.83 -0.62 0.00	26.38 -0.76 0.00	26.80 -0.83 0.00	25.07 -1.37 0.00	28.60 -1.97 0.00	47.60 -2.49 0.00	93.74 -4.23 0.00	69.58 -3.58 0.00	43.13 -2.91 0.00	37.83 -2.65 0.00	40.26 -2.26 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	46.78 1.19 0.00	44.16 1.12 0.00	41.29 1.14 0.00	45.08 1.31 0.00	45.30 1.29 0.00	49.67 1.74 0.00	82.51 3.10 0.00	223.96 10.69 0.00	58.26 2.61 0.00	36.44 1.70 0.00	38.24 1.83 0.00	36.21 1.60 0.00	33.16 1.34 0.00	29.61 1.17 0.00	28.31 1.17 0.00	28.83 1.20 0.00	27.77 1.33 0.00	32.16 1.59 0.00	52.47 2.38 0.00	102.65 4.68 0.00	76.81 3.66 0.00	48.45 2.41 0.00	42.48 2.00 0.00	44.22 1.70 0.00
PEEKSKILL____ 23653	46.22 0.63 0.00	43.63 0.59 0.00	40.79 0.64 0.00	44.56 0.79 0.00	44.76 0.75 0.00	49.02 1.09 0.00	81.37 1.96 0.00	220.86 7.59 0.00	57.43 1.78 0.00	35.89 1.14 0.00	37.70 1.29 0.00	35.75 1.13 0.00	32.77 0.95 0.00	29.27 0.82 0.00	28.00 0.86 0.00	28.51 0.87 0.00	27.43 0.99 0.00	31.73 1.16 0.00	51.70 1.61 0.00	101.10 3.13 0.00	75.72 2.57 0.00	47.80 1.76 0.00	41.93 1.45 0.00	43.62 1.10 0.00

PGE MADISON___WINDPWR 24146	48.16 2.56 0.00	45.41 2.37 0.00	42.62 2.47 0.00	46.77 3.00 0.00	46.93 2.92 0.00	51.22 3.29 0.00	86.33 6.92 0.00	234.64 21.36 0.00	60.13 4.48 0.00	36.88 2.14 0.00	38.23 1.82 0.00	36.63 2.02 0.00	33.59 1.77 0.00	29.64 1.19 0.00	28.31 1.17 0.00	28.81 1.18 0.00	27.48 1.04 0.00	32.11 1.55 0.00	53.81 3.72 0.00	105.94 7.97 0.00	78.53 5.38 0.00	48.55 2.50 0.00	41.99 1.51 0.00	43.99 1.47 0.00
PIERCEFIELD___HYD 23852	46.56 0.96 0.00	43.80 0.75 0.00	40.76 0.61 0.00	44.42 0.65 0.00	44.93 0.92 0.00	48.90 0.97 0.00	81.20 1.79 0.00	216.81 3.54 0.00	56.39 0.75 0.00	34.92 0.18 0.00	36.35 -0.06 0.00	34.44 -0.18 0.00	31.62 -0.19 0.00	28.28 -0.17 0.00	26.93 -0.21 0.00	27.40 -0.24 0.00	26.12 -0.31 0.00	30.35 -0.22 0.00	50.06 -0.03 0.00	98.44 0.47 0.00	73.44 0.29 0.00	46.12 0.07 0.00	40.74 0.26 0.00	42.93 0.41 0.00
PINELAWN_CC_1 323563	46.55 0.96 0.00	43.72 0.68 0.00	41.02 0.87 0.00	44.75 0.98 0.00	44.81 0.79 0.00	49.28 1.35 0.00	81.03 1.62 0.00	216.98 7.37 3.67	57.44 1.80 0.00	36.49 1.75 0.00	38.45 2.04 0.00	36.25 1.63 0.00	33.21 1.40 0.00	29.65 1.21 0.00	28.45 1.31 0.00	28.98 1.34 0.00	28.88 1.61 -0.84	32.11 1.54 0.00	52.05 1.96 0.00	101.58 3.60 0.00	76.25 3.10 0.00	48.48 2.43 0.00	42.52 2.04 0.00	44.26 1.75 0.00
PJM_GEN_HTP_PROXY 323702	46.58 0.99 0.00	43.95 0.91 0.00	41.17 0.94 -0.08	44.87 1.10 0.00	45.08 1.06 0.00	49.40 1.47 0.00	81.93 2.52 0.00	222.61 9.34 0.00	57.92 2.27 0.00	36.95 1.58 -0.63	38.25 1.84 0.00	36.28 1.66 0.00	33.24 1.43 0.00	29.68 1.23 0.00	28.38 1.24 0.00	28.91 1.27 0.00	28.65 1.38 -0.83	32.14 1.57 0.00	52.20 2.11 0.00	102.04 4.07 0.00	76.35 3.20 0.00	48.20 2.15 0.00	42.32 1.84 0.00	44.01 1.50 0.00
PJM_GEN_KEystone 24065	45.14 -0.46 0.00	42.65 -0.39 0.00	39.78 -0.45 -0.08	43.32 -0.45 0.00	43.49 -0.52 0.00	47.35 -0.58 0.00	78.78 -0.64 0.00	211.98 -1.29 0.00	54.96 -0.69 0.00	35.06 -0.30 -0.63	36.23 -0.18 0.00	34.50 -0.11 0.00	31.72 -0.09 0.00	28.34 -0.11 0.00	27.05 -0.09 0.00	27.49 -0.15 0.00	23.95 -0.25 2.23	30.12 -0.45 0.00	49.45 -0.64 0.00	97.05 -0.92 0.00	72.41 -0.74 0.00	45.32 -0.72 0.00	39.83 -0.65 0.00	41.74 -0.77 0.00
PJM_GEN_NEPTUNE_PROXY 323594	46.25 0.66 0.00	43.52 0.47 0.00	40.86 0.63 -0.08	44.51 0.75 0.00	44.63 0.62 0.00	49.00 1.07 0.00	80.71 1.30 0.00	214.64 6.07 4.70	57.14 1.49 0.00	36.84 1.47 -0.63	38.17 1.76 0.00	36.07 1.46 0.00	33.06 1.25 0.00	29.53 1.08 0.00	28.31 1.16 0.00	28.83 1.20 0.00	28.67 1.40 -0.84	31.92 1.36 0.00	51.73 1.64 0.00	100.98 3.01 0.00	75.75 2.60 0.00	48.07 2.02 0.00	42.19 1.71 0.00	43.93 1.41 0.00
PJM_GEN_VFT_PROXY 323633	46.32 0.73 0.00	43.71 0.66 0.00	40.93 0.70 -0.08	44.65 0.88 0.00	44.85 0.84 0.00	49.11 1.18 0.00	81.43 2.01 0.00	221.49 8.21 0.00	57.59 1.95 0.00	36.72 1.35 -0.63	38.00 1.59 0.00	36.05 1.43 0.00	33.02 1.20 0.00	29.52 1.07 0.00	28.22 1.08 0.00	28.74 1.10 0.00	28.48 1.22 -0.83	31.97 1.40 0.00	51.95 1.86 0.00	100.37 3.55 1.15	75.98 2.83 0.00	47.97 1.92 0.00	42.11 1.63 0.00	43.76 1.24 0.00
PLATSBURG_115KV_PMLD1 355749	47.94 2.35 0.00	45.24 2.19 0.00	42.47 2.32 0.00	46.28 2.52 0.00	46.73 2.72 0.00	50.48 2.56 0.00	82.96 3.54 0.00	224.38 11.11 0.00	58.74 3.09 0.00	36.38 1.64 0.00	38.14 1.73 0.00	36.02 1.40 0.00	33.13 1.31 0.00	29.74 1.30 0.00	28.29 1.15 0.00	28.83 1.19 0.00	27.46 1.03 0.00	31.83 1.26 0.00	51.92 1.83 0.00	101.68 3.71 0.00	76.25 3.10 0.00	48.51 2.47 0.00	42.59 2.11 0.00	44.77 2.25 0.00
PLEASANTVLY___LBMP 24000	46.11 0.52 0.00	43.54 0.50 0.00	40.72 0.57 0.00	44.45 0.68 0.00	44.65 0.64 0.00	48.90 0.97 0.00	81.05 1.64 0.00	219.61 6.34 0.00	57.24 1.58 0.00	35.82 1.07 0.00	37.62 1.20 0.00	35.66 1.05 0.00	32.72 0.90 0.00	29.23 0.79 0.00	27.96 0.82 0.00	28.48 0.85 0.00	27.77 0.98 -0.36	31.72 1.15 0.00	51.66 1.57 0.00	100.93 2.96 0.00	75.53 2.38 0.00	47.71 1.66 0.00	41.86 1.38 0.00	43.64 1.12 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	46.43 0.84 0.00	43.83 0.79 0.00	40.98 0.84 0.00	44.75 0.98 0.00	44.96 0.95 0.00	49.27 1.34 0.00	81.70 2.28 0.00	221.69 8.41 0.00	57.73 2.08 0.00	36.14 1.40 0.00	37.99 1.58 0.00	36.01 1.40 0.00	33.02 1.21 0.00	29.49 1.04 0.00	28.20 1.06 0.00	28.72 1.08 0.00	28.27 1.20 -0.63	31.96 1.39 0.00	52.03 1.94 0.00	101.75 3.77 0.00	76.14 2.98 0.00	48.08 2.03 0.00	42.19 1.71 0.00	43.93 1.41 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	46.43 0.84 0.00	43.83 0.79 0.00	40.98 0.84 0.00	44.75 0.98 0.00	44.96 0.95 0.00	49.27 1.34 0.00	81.70 2.28 0.00	221.69 8.41 0.00	57.73 2.08 0.00	36.14 1.40 0.00	37.99 1.58 0.00	36.01 1.40 0.00	33.02 1.21 0.00	29.49 1.04 0.00	28.20 1.06 0.00	28.72 1.08 0.00	28.27 1.20 -0.63	31.96 1.39 0.00	52.03 1.94 0.00	101.75 3.77 0.00	76.14 2.98 0.00	48.08 2.03 0.00	42.19 1.71 0.00	43.93 1.41 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	46.50 0.91 0.00	43.89 0.85 0.00	41.04 0.89 0.00	44.80 1.03 0.00	45.01 0.99 0.00	49.32 1.39 0.00	81.89 2.47 0.00	221.61 8.33 0.00	57.69 2.04 0.00	36.04 1.30 0.00	37.79 1.37 0.00	35.78 1.16 0.00	32.81 1.00 0.00	29.32 0.87 0.00	28.02 0.88 0.00	28.56 0.92 0.00	27.51 1.07 0.00	31.88 1.31 0.00	52.04 1.94 0.00	101.76 3.78 0.00	76.16 3.00 0.00	48.06 2.01 0.00	42.13 1.65 0.00	43.93 1.41 0.00
POLETTI___ 23519	46.55 0.96 0.00	43.95 0.90 0.00	41.09 0.94 0.00	44.88 1.11 0.00	45.09 1.08 0.00	49.42 1.49 0.00	81.94 2.53 0.00	222.68 9.41 0.00	57.96 2.31 0.00	36.36 1.62 0.00	38.29 1.87 0.00	36.32 1.70 0.00	33.30 1.48 0.00	29.73 1.28 0.00	28.42 1.28 0.00	28.95 1.31 0.00	28.69 1.43 -0.83	32.19 1.62 0.00	52.29 2.20 0.00	102.19 4.22 0.00	76.44 3.29 0.00	48.26 2.22 0.00	42.35 1.87 0.00	44.08 1.57 0.00
POMONA___ESR 323819	46.21 0.62 0.00	43.62 0.58 0.00	40.78 0.63 0.00	44.56 0.79 0.00	44.75 0.74 0.00	49.05 1.12 0.00	81.47 2.05 0.00	221.16 7.88 0.00	57.48 1.83 0.00	35.88 1.14 0.00	37.69 1.28 0.00	35.76 1.14 0.00	32.77 0.95 0.00	29.27 0.82 0.00	28.00 0.86 0.00	28.52 0.87 0.00	28.24 0.99 -0.82	31.71 1.14 0.00	51.69 1.60 0.00	101.08 3.11 0.00	75.71 2.56 0.00	47.76 1.72 0.00	41.90 1.42 0.00	43.58 1.07 0.00
PORT_JEFF_3 23555	46.35 0.76 0.00	43.37 0.33 0.00	40.78 0.63 0.00	44.52 0.75 0.00	44.60 0.58 0.00	49.11 1.19 0.00	80.45 1.04 0.00	215.28 5.99 3.99	56.81 1.16 0.00	36.57 1.83 0.00	38.62 2.21 0.00	36.34 1.73 0.00	33.31 1.50 0.00	29.74 1.29 0.00	28.58 1.44 0.00	29.11 1.47 0.00	29.06 1.79 -0.84	32.05 1.48 0.00	51.47 1.38 0.00	100.57 2.60 0.00	75.67 2.52 0.00	48.37 2.32 0.00	42.51 2.03 0.00	44.22 1.70 0.00

PORT_JEFF_4 23616	46.28 0.69 0.00	43.33 0.28 0.00	40.73 0.58 0.00	44.46 0.69 0.00	44.54 0.53 0.00	49.04 1.11 0.00	80.33 0.92 0.00	214.87 5.60 4.00	56.87 1.22 0.00	36.47 1.73 0.00	38.51 2.10 0.00	36.25 1.64 0.00	33.23 1.42 0.00	29.68 1.23 0.00	28.51 1.37 0.00	29.03 1.39 0.00	28.97 1.70 -0.84	31.99 1.42 0.00	51.53 1.44 0.00	100.65 2.68 0.00	75.65 2.50 0.00	48.26 2.21 0.00	42.40 1.92 0.00	44.12 1.60 0.00
PORT_JEFF_IC 23713	46.31 0.71 0.00	43.33 0.28 0.00	40.75 0.60 0.00	44.49 0.72 0.00	44.57 0.55 0.00	49.07 1.14 0.00	80.38 0.97 0.00	215.30 6.01 3.99	56.76 1.12 0.00	36.53 1.79 0.00	38.59 2.18 0.00	36.31 1.70 0.00	33.30 1.49 0.00	29.72 1.27 0.00	28.56 1.42 0.00	29.09 1.45 0.00	29.04 1.77 -0.84	32.02 1.45 0.00	51.43 1.34 0.00	100.47 2.50 0.00	75.60 2.45 0.00	48.34 2.30 0.00	42.46 1.99 0.00	44.19 1.67 0.00
PPL_PILGRIM_ST_GT1 24216	46.65 1.06 0.00	43.75 0.71 0.00	41.07 0.92 0.00	44.84 1.07 0.00	44.92 0.90 0.00	49.44 1.51 0.00	80.70 1.29 0.00	215.51 6.14 3.90	57.40 1.75 0.00	36.65 1.91 0.00	38.66 2.25 0.00	36.43 1.81 0.00	33.39 1.58 0.00	29.81 1.36 0.00	28.61 1.47 0.00	29.15 1.51 0.00	29.06 1.80 -0.84	32.24 1.67 0.00	52.14 2.05 0.00	101.50 3.53 0.00	76.31 3.16 0.00	48.63 2.59 0.00	42.68 2.20 0.00	44.41 1.89 0.00
PPL_PILGRIM_ST_GT2 24217	46.65 1.06 0.00	43.75 0.71 0.00	41.07 0.92 0.00	44.84 1.07 0.00	44.92 0.90 0.00	49.44 1.51 0.00	80.70 1.29 0.00	215.51 6.14 3.90	57.40 1.75 0.00	36.65 1.91 0.00	38.66 2.25 0.00	36.43 1.81 0.00	33.39 1.58 0.00	29.81 1.36 0.00	28.61 1.47 0.00	29.15 1.51 0.00	29.06 1.80 -0.84	32.24 1.67 0.00	52.14 2.05 0.00	101.50 3.53 0.00	76.31 3.16 0.00	48.63 2.59 0.00	42.68 2.20 0.00	44.41 1.89 0.00
PPL_SHRM_GT3 24213	45.40 -0.19 0.00	42.17 -0.87 0.00	39.92 -0.23 0.00	43.61 -0.16 0.00	43.66 -0.36 0.00	48.11 0.18 0.00	78.39 -1.02 0.00	210.00 0.73 4.00	55.58 -0.07 0.00	36.19 1.45 0.00	38.43 2.01 0.00	36.09 1.47 0.00	33.11 1.30 0.00	29.56 1.12 0.00	28.48 1.33 0.00	28.97 1.33 0.00	28.95 1.68 -0.84	31.33 0.76 0.00	50.24 0.15 0.00	98.58 0.61 0.00	74.07 0.91 0.00	47.64 1.60 0.00	41.90 1.41 0.00	43.60 1.09 0.00
PPL_SHRM_GT4 24214	45.40 -0.19 0.00	42.17 -0.87 0.00	39.92 -0.23 0.00	43.61 -0.16 0.00	43.66 -0.36 0.00	48.11 0.18 0.00	78.39 -1.02 0.00	210.00 0.73 4.00	55.58 -0.07 0.00	36.19 1.45 0.00	38.43 2.01 0.00	36.09 1.47 0.00	33.11 1.30 0.00	29.56 1.12 0.00	28.48 1.33 0.00	28.97 1.33 0.00	28.95 1.68 -0.84	31.33 0.76 0.00	50.24 0.15 0.00	98.58 0.61 0.00	74.07 0.91 0.00	47.64 1.60 0.00	41.90 1.41 0.00	43.60 1.09 0.00
PROJECT___ORANGE 1 24174	44.98 -0.62 0.00	42.48 -0.56 0.00	39.60 -0.54 0.00	43.13 -0.64 0.00	43.30 -0.72 0.00	46.93 -1.00 0.00	78.05 -1.37 0.00	209.76 -3.51 0.00	54.48 -1.17 0.00	33.99 -0.75 0.00	35.64 -0.77 0.00	33.99 -0.63 0.00	31.28 -0.53 0.00	27.95 -0.49 0.00	26.65 -0.49 0.00	27.13 -0.51 0.00	25.83 -0.61 0.00	29.81 -0.76 0.00	49.04 -1.05 0.00	96.13 -1.85 0.00	71.64 -1.51 0.00	44.92 -1.13 0.00	39.37 -1.10 0.00	41.46 -1.06 0.00
PROJECT___ORANGE 2 24166	44.98 -0.62 0.00	42.48 -0.56 0.00	39.60 -0.54 0.00	43.13 -0.64 0.00	43.30 -0.72 0.00	46.93 -1.00 0.00	78.05 -1.37 0.00	209.76 -3.51 0.00	54.48 -1.17 0.00	33.99 -0.75 0.00	35.64 -0.77 0.00	33.99 -0.63 0.00	31.28 -0.53 0.00	27.95 -0.49 0.00	26.65 -0.49 0.00	27.13 -0.51 0.00	25.83 -0.61 0.00	29.81 -0.76 0.00	49.04 -1.05 0.00	96.13 -1.85 0.00	71.64 -1.51 0.00	44.92 -1.13 0.00	39.37 -1.10 0.00	41.46 -1.06 0.00
PUCKETT___SOLAR 323809	45.80 0.20 0.00	43.18 0.13 0.00	40.33 0.18 0.00	44.07 0.30 0.00	44.16 0.14 0.00	48.04 0.11 0.00	80.31 0.90 0.00	217.19 3.92 0.00	56.13 0.48 0.00	34.96 0.22 0.00	36.48 0.06 0.00	34.72 0.10 0.00	31.88 0.06 0.00	28.41 -0.04 0.00	27.06 -0.08 0.00	27.46 -0.18 0.00	26.18 -0.25 0.00	30.41 -0.16 0.00	50.49 0.40 0.00	99.28 1.31 0.00	73.91 0.76 0.00	46.04 0.00 0.00	40.26 -0.22 0.00	42.21 -0.30 0.00
PYRITES___HYD 24023	47.80 2.20 0.00	44.95 1.90 0.00	41.80 1.66 0.00	45.56 1.79 0.00	46.11 2.09 0.00	50.20 2.27 0.00	83.68 4.26 0.00	222.82 9.55 0.00	57.67 2.03 0.00	35.46 0.72 0.00	36.79 0.37 0.00	34.88 0.26 0.00	32.05 0.23 0.00	28.65 0.20 0.00	27.31 0.17 0.00	27.79 0.15 0.00	26.45 0.02 0.00	30.77 0.20 0.00	51.20 1.12 0.00	101.24 3.27 0.00	75.55 2.40 0.00	47.42 1.38 0.00	41.89 1.41 0.00	44.15 1.63 0.00
QUAKERRD_115KV_BK1 80622	43.98 -1.61 0.00	41.63 -1.41 0.00	38.61 -1.53 0.00	41.95 -1.82 0.00	42.16 -1.85 0.00	45.65 -2.28 0.00	76.06 -3.36 0.00	202.87 -10.40 0.00	52.71 -2.94 0.00	33.05 -1.70 0.00	34.63 -1.78 0.00	32.98 -1.63 0.00	30.40 -1.41 0.00	27.13 -1.32 0.00	25.79 -1.35 0.00	26.24 -1.40 0.00	24.84 -1.60 0.00	28.57 -2.00 0.00	47.25 -2.84 0.00	92.80 -5.17 0.00	69.05 -4.10 0.00	43.11 -2.94 0.00	37.78 -2.70 0.00	40.00 -2.53 0.00
QUENSBRY_115KV_TB8 356137	47.04 1.45 0.00	44.40 1.36 0.00	41.42 1.27 0.00	45.23 1.46 0.00	45.51 1.50 0.00	50.09 2.16 0.00	82.95 3.53 0.00	224.14 10.86 0.00	58.57 2.92 0.00	35.98 1.24 0.00	37.51 1.10 0.00	35.33 0.71 0.00	32.40 0.58 0.00	28.98 0.54 0.00	27.69 0.55 0.00	28.28 0.64 0.00	27.36 0.92 0.00	31.81 1.24 0.00	52.37 2.28 0.00	102.59 4.62 0.00	76.63 3.48 0.00	48.28 2.23 0.00	42.18 1.69 0.00	44.34 1.82 0.00
RAMAPO___LBMP 323565	46.03 0.44 0.00	43.47 0.42 0.00	40.63 0.48 0.00	44.40 0.63 0.00	44.60 0.59 0.00	48.83 0.90 0.00	81.09 1.67 0.00	220.13 6.85 0.00	57.20 1.55 0.00	35.68 0.94 0.00	37.47 1.07 0.00	35.56 0.94 0.00	32.58 0.76 0.00	29.10 0.66 0.00	27.84 0.70 0.00	28.35 0.72 0.00	25.78 0.82 1.47	31.53 0.96 0.00	51.43 1.34 0.00	100.61 2.64 0.00	75.38 2.22 0.00	47.56 1.51 0.00	41.71 1.23 0.00	43.39 0.87 0.00
RANKINE____ 23646	45.07 -0.52 0.00	42.71 -0.34 0.00	39.34 -0.81 0.00	42.61 -1.16 0.00	42.81 -1.21 0.00	46.24 -1.69 0.00	77.11 -2.31 0.00	203.51 -9.76 0.00	52.97 -2.68 0.00	33.63 -1.11 0.00	35.30 -1.12 0.00	33.72 -0.90 0.00	31.15 -0.66 0.00	27.68 -0.77 0.00	26.25 -0.90 0.00	26.67 -0.97 0.00	24.94 -1.50 0.00	28.44 -2.13 0.00	47.28 -2.81 0.00	93.08 -4.89 0.00	69.04 -4.11 0.00	42.82 -3.23 0.00	37.56 -2.91 0.00	40.00 -2.52 0.00
RAVENSWOOD_GT2_1 24244	46.63 1.04 0.00	44.00 0.96 0.00	41.13 0.98 0.00	44.92 1.15 0.00	45.12 1.11 0.00	49.45 1.52 0.00	81.97 2.56 0.00	222.79 9.52 0.00	57.98 2.34 0.00	36.37 1.62 0.00	38.28 1.87 0.00	36.29 1.68 0.00	33.28 1.46 0.00	29.71 1.27 0.00	28.41 1.27 0.00	28.94 1.30 0.00	28.68 1.41 -0.83	32.18 1.61 0.00	52.29 2.20 0.00	102.20 4.23 0.00	76.46 3.31 0.00	48.28 2.24 0.00	42.37 1.89 0.00	44.08 1.57 0.00

RAVENSWOOD_GT2_2 24245	46.63 1.04 0.00	44.00 0.96 0.00	41.13 0.98 0.00	44.92 1.15 0.00	45.12 1.11 0.00	49.45 1.52 0.00	81.97 2.56 0.00	222.79 9.52 0.00	57.98 2.34 0.00	36.37 1.62 0.00	38.28 1.87 0.00	36.29 1.68 0.00	33.28 1.46 0.00	29.71 1.27 0.00	28.41 1.27 0.00	28.94 1.30 0.00	28.68 1.41 -0.83	32.18 1.61 0.00	52.29 2.20 0.00	102.20 4.23 0.00	76.46 3.31 0.00	48.28 2.24 0.00	42.37 1.89 0.00	44.08 1.57 0.00
RAVENSWOOD_GT2_3 24246	46.64 1.05 0.00	44.03 0.98 0.00	41.15 1.00 0.00	44.94 1.17 0.00	45.15 1.13 0.00	49.47 1.54 0.00	82.03 2.61 0.00	222.90 9.62 0.00	58.03 2.39 0.00	36.38 1.64 0.00	38.30 1.88 0.00	36.32 1.71 0.00	33.30 1.48 0.00	29.73 1.28 0.00	28.43 1.29 0.00	28.95 1.31 0.00	28.69 1.43 -0.83	32.19 1.62 0.00	52.32 2.23 0.00	102.24 4.27 0.00	76.51 3.35 0.00	48.31 2.26 0.00	42.39 1.91 0.00	44.11 1.59 0.00
RAVENSWOOD_GT2_4 24247	46.64 1.05 0.00	44.03 0.98 0.00	41.15 1.00 0.00	44.94 1.17 0.00	45.15 1.13 0.00	49.47 1.54 0.00	82.03 2.61 0.00	222.90 9.62 0.00	58.03 2.39 0.00	36.38 1.64 0.00	38.30 1.88 0.00	36.32 1.71 0.00	33.30 1.48 0.00	29.73 1.28 0.00	28.43 1.29 0.00	28.95 1.31 0.00	28.69 1.43 -0.83	32.19 1.62 0.00	52.32 2.23 0.00	102.24 4.27 0.00	76.51 3.35 0.00	48.31 2.26 0.00	42.39 1.91 0.00	44.11 1.59 0.00
RAVENSWOOD_GT3_1 24248	46.64 1.04 0.00	44.00 0.96 0.00	41.13 0.98 0.00	44.93 1.16 0.00	45.13 1.11 0.00	49.45 1.53 0.00	81.98 2.56 0.00	222.83 9.56 0.00	57.99 2.35 0.00	36.37 1.62 0.00	38.28 1.87 0.00	36.30 1.68 0.00	33.28 1.46 0.00	29.72 1.27 0.00	28.41 1.27 0.00	28.94 1.30 0.00	28.68 1.41 -0.83	32.18 1.61 0.00	52.29 2.20 0.00	102.20 4.23 0.00	76.46 3.31 0.00	48.28 2.24 0.00	42.37 1.89 0.00	44.09 1.57 0.00
RAVENSWOOD_GT3_2 24249	46.64 1.04 0.00	44.00 0.96 0.00	41.13 0.98 0.00	44.93 1.16 0.00	45.13 1.11 0.00	49.45 1.53 0.00	81.98 2.56 0.00	222.83 9.56 0.00	57.99 2.35 0.00	36.37 1.62 0.00	38.28 1.87 0.00	36.30 1.68 0.00	33.28 1.46 0.00	29.72 1.27 0.00	28.41 1.27 0.00	28.94 1.30 0.00	28.68 1.41 -0.83	32.18 1.61 0.00	52.29 2.20 0.00	102.20 4.23 0.00	76.46 3.31 0.00	48.28 2.24 0.00	42.37 1.89 0.00	44.09 1.57 0.00
RAVENSWOOD_GT3_3 24250	46.69 1.10 0.00	44.06 1.02 0.00	41.18 1.04 0.00	44.98 1.21 0.00	45.19 1.17 0.00	49.51 1.58 0.00	82.11 2.69 0.00	223.11 9.83 0.00	58.09 2.44 0.00	36.42 1.68 0.00	38.34 1.93 0.00	36.36 1.74 0.00	33.33 1.52 0.00	29.76 1.32 0.00	28.46 1.32 0.00	28.98 1.34 0.00	28.72 1.46 -0.83	32.23 1.66 0.00	52.37 2.28 0.00	102.34 4.37 0.00	76.58 3.43 0.00	48.35 2.31 0.00	42.43 1.95 0.00	44.15 1.63 0.00
RAVENSWOOD_GT3_4 24251	46.69 1.10 0.00	44.06 1.02 0.00	41.18 1.04 0.00	44.98 1.21 0.00	45.19 1.17 0.00	49.51 1.58 0.00	82.11 2.69 0.00	223.11 9.83 0.00	58.09 2.44 0.00	36.42 1.68 0.00	38.34 1.93 0.00	36.36 1.74 0.00	33.33 1.52 0.00	29.76 1.32 0.00	28.46 1.32 0.00	28.98 1.34 0.00	28.72 1.46 -0.83	32.23 1.66 0.00	52.37 2.28 0.00	102.34 4.37 0.00	76.58 3.43 0.00	48.35 2.31 0.00	42.43 1.95 0.00	44.15 1.63 0.00
RAVENSWOOD_GT_1 23729	47.37 1.22 -0.56	45.21 1.17 -1.00	42.93 1.18 -1.60	45.96 1.37 -0.82	46.13 1.33 -0.78	50.15 1.74 -0.49	82.66 2.90 -0.35	223.91 10.63 0.00	66.01 2.67 -7.70	39.38 1.83 -2.82	47.02 2.09 -8.52	41.45 1.89 -4.94	36.71 1.65 -3.25	33.77 1.42 -3.90	32.72 1.42 -4.16	33.14 1.45 -4.05	33.11 1.57 -5.10	36.55 1.77 -4.22	54.54 2.46 -2.00	102.69 4.71 0.00	84.60 3.69 -7.76	70.92 2.49 -22.39	46.21 2.11 -3.62	46.28 1.82 -1.95
RAVENSWOOD_GT_10 24258	46.60 1.01 0.00	44.08 0.96 -0.09	41.31 0.98 -0.18	45.01 1.15 -0.09	45.21 1.11 -0.09	49.50 1.51 -0.06	82.01 2.55 -0.04	222.74 9.47 0.00	58.86 2.33 -0.89	36.69 1.62 -0.32	37.83 1.86 0.44	36.34 1.68 -0.05	33.65 1.46 -0.37	30.16 1.26 -0.45	28.88 1.26 -0.48	29.40 1.29 -0.46	29.16 1.41 -1.32	32.65 1.60 -0.49	52.52 2.20 -0.23	102.19 4.22 0.00	77.35 3.30 -0.89	50.86 2.23 -2.58	42.77 1.88 -0.42	44.31 1.56 -0.22
RAVENSWOOD_GT_11 24259	46.60 1.01 0.00	44.08 0.96 -0.09	41.31 0.98 -0.18	45.01 1.15 -0.09	45.21 1.11 -0.09	49.50 1.51 -0.06	82.01 2.55 -0.04	222.74 9.47 0.00	58.86 2.33 -0.89	36.69 1.62 -0.32	37.83 1.86 0.44	36.34 1.68 -0.05	33.65 1.46 -0.37	30.16 1.26 -0.45	28.88 1.26 -0.48	29.40 1.29 -0.46	29.16 1.41 -1.32	32.65 1.60 -0.49	52.52 2.20 -0.23	102.19 4.22 0.00	77.35 3.30 -0.89	50.86 2.23 -2.58	42.77 1.88 -0.42	44.31 1.56 -0.22
RAVENSWOOD_GT_4 24252	47.02 1.00 -0.42	44.73 0.93 -0.75	42.31 0.96 -1.21	45.51 1.12 -0.61	45.68 1.09 -0.58	49.78 1.49 -0.36	82.22 2.53 -0.27	222.71 9.44 0.00	63.80 2.29 -5.86	38.48 1.60 -2.14	35.37 1.84 2.89	36.61 1.67 -0.33	35.72 1.44 -2.46	32.65 1.25 -2.96	31.56 1.26 -3.16	32.00 1.28 -3.08	31.90 1.39 -4.07	35.35 1.58 -3.20	53.77 2.17 -1.52	102.12 4.14 0.00	82.31 3.25 -5.91	65.29 2.19 -17.05	45.10 1.87 -2.75	45.54 1.54 -1.48
RAVENSWOOD_GT_5 24254	47.02 1.00 -0.42	44.73 0.93 -0.75	42.31 0.96 -1.21	45.51 1.12 -0.61	45.68 1.09 -0.58	49.78 1.49 -0.36	82.22 2.53 -0.27	222.71 9.44 0.00	63.80 2.29 -5.86	38.48 1.60 -2.14	35.37 1.84 2.89	36.61 1.67 -0.33	35.72 1.44 -2.46	32.65 1.25 -2.96	31.56 1.26 -3.16	32.00 1.28 -3.08	31.90 1.39 -4.07	35.35 1.58 -3.20	53.77 2.17 -1.52	102.12 4.14 0.00	82.31 3.25 -5.91	65.29 2.19 -17.05	45.10 1.87 -2.75	45.54 1.54 -1.48
RAVENSWOOD_GT_6 24253	47.02 1.00 -0.42	44.73 0.93 -0.75	42.31 0.96 -1.21	45.51 1.12 -0.61	45.68 1.09 -0.58	49.78 1.49 -0.36	82.22 2.53 -0.27	222.71 9.44 0.00	63.80 2.29 -5.86	38.48 1.60 -2.14	35.37 1.84 2.89	36.61 1.67 -0.33	35.72 1.44 -2.46	32.65 1.25 -2.96	31.56 1.26 -3.16	32.00 1.28 -3.08	31.90 1.39 -4.07	35.35 1.58 -3.20	53.77 2.17 -1.52	102.12 4.14 0.00	82.31 3.25 -5.91	65.29 2.19 -17.05	45.10 1.87 -2.75	45.54 1.54 -1.48
RAVENSWOOD_GT_7 24255	47.02 1.00 -0.42	44.73 0.93 -0.75	42.31 0.96 -1.21	45.51 1.12 -0.61	45.68 1.09 -0.58	49.78 1.49 -0.36	82.22 2.53 -0.27	222.71 9.44 0.00	63.80 2.29 -5.86	38.48 1.60 -2.14	35.37 1.84 2.89	36.61 1.67 -0.33	35.72 1.44 -2.46	32.65 1.25 -2.96	31.56 1.26 -3.16	32.00 1.28 -3.08	31.90 1.39 -4.07	35.35 1.58 -3.20	53.77 2.17 -1.52	102.12 4.14 0.00	82.31 3.25 -5.91	65.29 2.19 -17.05	45.10 1.87 -2.75	45.54 1.54 -1.48
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	46.60 1.01 0.00	44.08 0.96 -0.09	41.31 0.98 -0.18	45.01 1.15 -0.09	45.21 1.11 -0.09	49.50 1.51 -0.06	82.01 2.55 -0.04	222.74 9.47 0.00	58.86 2.33 -0.89	36.69 1.62 -0.32	37.83 1.86 0.44	36.34 1.68 -0.05	33.65 1.46 -0.37	30.16 1.26 -0.45	28.88 1.26 -0.48	29.40 1.29 -0.46	29.16 1.41 -1.32	32.65 1.60 -0.49	52.52 2.20 -0.23	102.19 4.22 0.00	77.35 3.30 -0.89	50.86 2.23 -2.58	42.77 1.88 -0.42	44.31 1.56 -0.22

RAVENSWOOD_GT_9 24257	46.60 1.01 0.00	44.08 0.96 -0.09	41.31 0.98 -0.18	45.01 1.15 -0.09	45.21 1.11 -0.09	49.50 1.51 -0.06	82.01 2.55 -0.04	222.74 9.47 0.00	58.86 2.33 -0.89	36.69 1.62 -0.32	37.83 1.86 0.44	36.34 1.68 -0.05	33.65 1.46 -0.37	30.16 1.26 -0.45	28.88 1.26 -0.48	29.40 1.29 -0.46	29.16 1.41 -1.32	32.65 1.60 -0.49	52.52 2.20 -0.23	102.19 4.22 0.00	77.35 3.30 -0.89	50.86 2.23 -2.58	42.77 1.88 -0.42	44.31 1.56 -0.22
RAVENSWOOD___1 23533	46.78 1.19 0.00	43.43 1.11 0.72	39.71 1.12 1.56	44.27 1.29 0.79	44.52 1.26 0.75	49.11 1.65 0.47	81.81 2.74 0.35	223.44 10.17 0.00	50.62 2.55 7.58	33.73 1.76 2.77	42.14 2.00 -3.73	36.01 1.82 0.42	30.22 1.59 3.19	25.99 1.37 3.83	24.42 1.37 4.09	25.05 1.40 3.99	24.60 1.54 3.37	28.17 1.74 4.14	50.53 2.40 1.96	102.59 4.61 0.00	88.17 3.60 -11.42	78.32 2.41 -29.86	40.01 2.05 2.53	42.33 1.72 1.92
RAVENSWOOD___2 23534	46.20 1.16 0.55	43.19 1.11 0.97	39.71 1.12 1.56	44.27 1.29 0.79	44.52 1.26 0.75	49.11 1.65 0.47	81.81 2.74 0.35	223.44 10.17 0.00	50.62 2.55 7.58	33.73 1.76 2.77	42.14 2.00 -3.73	36.01 1.82 0.42	30.22 1.59 3.19	25.99 1.37 3.83	24.42 1.37 4.09	25.05 1.40 3.99	24.60 1.54 3.37	28.17 1.74 4.14	50.53 2.40 1.96	102.59 4.61 0.00	88.17 3.60 -11.42	78.32 2.41 -29.86	40.01 2.05 2.53	42.33 1.72 1.92
RAVENSWOOD___3 23535	46.64 1.04 0.00	44.01 0.96 0.00	41.13 0.98 0.00	44.93 1.16 0.00	45.13 1.11 0.00	49.45 1.52 0.00	81.99 2.57 0.00	222.83 9.56 0.00	57.99 2.35 0.00	36.37 1.63 0.00	38.29 1.87 0.00	36.30 1.69 0.00	33.28 1.46 0.00	29.72 1.27 0.00	28.41 1.27 0.00	28.94 1.30 0.00	28.68 1.42 -0.83	32.19 1.62 0.00	52.30 2.21 0.00	102.20 4.23 0.00	76.47 3.32 0.00	48.28 2.24 0.00	42.38 1.90 0.00	44.09 1.57 0.00
RAVENSWOOD___4 23820	46.20 1.16 0.55	43.19 1.11 0.97	39.71 1.12 1.56	44.27 1.29 0.79	44.52 1.26 0.75	49.11 1.65 0.47	81.81 2.74 0.35	223.44 10.17 0.00	50.62 2.55 7.58	33.73 1.76 2.77	42.14 2.00 -3.73	36.01 1.82 0.42	30.22 1.59 3.19	25.99 1.37 3.83	24.42 1.37 4.09	25.05 1.40 3.99	24.60 1.54 3.37	28.17 1.74 4.14	50.53 2.40 1.96	102.59 4.61 0.00	88.17 3.60 -11.42	78.32 2.41 -29.86	40.01 2.05 2.53	42.33 1.72 1.92
RCPL_TRUST___DRP 24196	46.63 1.04 0.00	44.00 0.96 0.00	41.13 0.98 0.00	44.92 1.15 0.00	45.12 1.11 0.00	49.45 1.52 0.00	82.02 2.61 0.00	222.92 9.65 0.00	58.01 2.37 0.00	36.40 1.66 0.00	38.33 1.92 0.00	36.35 1.73 0.00	33.31 1.50 0.00	29.73 1.29 0.00	28.43 1.29 0.00	28.96 1.32 0.00	28.70 1.43 -0.83	32.18 1.61 0.00	52.27 2.18 0.00	102.14 4.17 0.00	76.44 3.29 0.00	48.25 2.21 0.00	42.35 1.87 0.00	44.08 1.56 0.00
RED___ROCHESTER 323720	45.14 -0.45 0.00	42.75 -0.30 0.00	39.57 -0.58 0.00	42.96 -0.81 0.00	43.18 -0.83 0.00	46.76 -1.17 0.00	77.99 -1.43 0.00	207.58 -5.69 0.00	53.91 -1.74 0.00	33.83 -0.91 0.00	35.46 -0.95 0.00	33.78 -0.84 0.00	31.16 -0.65 0.00	27.79 -0.66 0.00	26.41 -0.74 0.00	26.87 -0.77 0.00	25.38 -1.05 0.00	29.16 -1.41 0.00	48.32 -1.77 0.00	95.00 -2.97 0.00	70.66 -2.49 0.00	44.04 -2.01 0.00	38.58 -1.90 0.00	40.91 -1.61 0.00
REGAN___SOLAR 323812	48.35 2.75 0.00	45.62 2.57 0.00	42.50 2.35 0.00	46.33 2.56 0.00	46.69 2.68 0.00	51.42 3.49 0.00	85.84 6.42 0.00	230.48 17.20 0.00	58.11 2.47 0.00	34.95 0.21 0.00	36.19 -0.22 0.00	34.38 -0.23 0.00	31.54 -0.27 0.00	28.18 -0.27 0.00	26.88 -0.26 0.00	27.42 -0.21 0.00	26.36 -0.07 0.00	31.11 0.55 0.00	52.73 2.64 0.00	104.42 6.44 0.00	77.86 4.71 0.00	48.80 2.76 0.00	42.68 2.20 0.00	44.70 2.18 0.00
RENSSELAER___COGEN 23796	45.49 -0.10 0.00	43.04 0.00 0.00	40.23 0.08 0.00	43.86 0.09 0.00	44.10 0.08 0.00	48.29 0.36 0.00	79.74 0.32 0.00	215.04 1.77 0.00	56.29 0.64 0.00	35.07 0.33 0.00	36.77 0.36 0.00	34.91 0.30 0.00	32.10 0.29 0.00	28.73 0.28 0.00	27.47 0.32 0.00	28.00 0.37 0.00	26.95 0.51 0.00	31.23 0.66 0.00	50.95 0.86 0.00	99.29 1.32 0.00	74.17 1.02 0.00	46.88 0.84 0.00	41.26 0.78 0.00	43.40 0.88 0.00
REPUBLIC_115KV_BARTNBRK 55605	48.36 2.77 0.00	45.71 2.66 0.00	42.59 2.44 0.00	46.43 2.66 0.00	46.79 2.77 0.00	51.84 3.91 0.00	85.77 6.35 0.00	233.33 20.06 0.00	61.22 5.57 0.00	37.27 2.53 0.00	38.80 2.39 0.00	36.27 1.66 0.00	33.19 1.38 0.00	29.67 1.23 0.00	28.42 1.27 0.00	29.00 1.36 0.00	28.17 1.74 0.00	32.69 2.12 0.00	53.84 3.75 0.00	105.71 7.73 0.00	78.89 5.74 0.00	49.79 3.74 0.00	43.42 2.94 0.00	45.55 3.03 0.00
REVERE_CPWR_DRP 24186	47.12 1.53 0.00	44.52 1.47 0.00	41.47 1.32 0.00	45.24 1.47 0.00	45.53 1.52 0.00	49.74 1.81 0.00	82.97 3.56 0.00	223.01 9.74 0.00	57.71 2.07 0.00	35.55 0.81 0.00	37.02 0.61 0.00	35.00 0.39 0.00	32.08 0.27 0.00	28.69 0.24 0.00	27.32 0.18 0.00	27.83 0.19 0.00	26.75 0.32 0.00	31.32 0.75 0.00	51.88 1.79 0.00	101.88 3.91 0.00	75.76 2.61 0.00	47.31 1.26 0.00	41.38 0.90 0.00	43.36 0.84 0.00
REYNOLDS_115KV_TB3 80639	45.62 0.03 0.00	43.20 0.15 0.00	40.38 0.23 0.00	44.00 0.23 0.00	44.25 0.23 0.00	48.49 0.56 0.00	79.93 0.51 0.00	215.60 2.32 0.00	56.53 0.89 0.00	35.22 0.48 0.00	36.96 0.55 0.00	35.09 0.48 0.00	32.25 0.44 0.00	28.86 0.41 0.00	27.59 0.45 0.00	28.14 0.50 0.00	27.08 0.65 0.00	31.39 0.82 0.00	51.17 1.09 0.00	99.67 1.70 0.00	74.43 1.28 0.00	47.08 1.04 0.00	41.41 0.93 0.00	43.50 0.98 0.00
RIVERBAY____ 323610	46.64 1.05 0.00	44.01 0.96 -0.01	41.09 0.93 -0.01	44.88 1.10 -0.01	45.06 1.04 -0.01	49.35 1.42 0.00	82.39 2.97 0.00	224.51 11.24 0.00	58.35 2.70 0.00	36.45 1.70 0.00	38.27 1.87 0.01	36.36 1.74 -0.01	33.28 1.46 -0.01	29.72 1.27 -0.01	28.43 1.29 0.00	28.96 1.31 0.00	28.71 1.44 -0.83	32.16 1.59 -0.01	52.25 2.16 0.00	102.18 4.20 0.00	76.41 3.26 0.00	48.22 2.19 0.01	42.34 1.87 0.00	44.26 1.74 0.00
RIVERSIDE_115KV_TB3 55908	45.60 0.00 0.00	43.16 0.11 0.00	40.33 0.18 0.00	43.96 0.20 0.00	44.21 0.20 0.00	48.46 0.53 0.00	79.98 0.57 0.00	215.72 2.45 0.00	56.51 0.86 0.00	35.20 0.46 0.00	36.90 0.49 0.00	35.03 0.42 0.00	32.22 0.40 0.00	28.83 0.38 0.00	27.56 0.42 0.00	28.10 0.47 0.00	27.06 0.62 0.00	31.36 0.79 0.00	51.17 1.08 0.00	99.66 1.68 0.00	74.40 1.24 0.00	47.03 0.99 0.00	41.38 0.90 0.00	43.51 0.99 0.00
ROARING___BROOK_WT_PWR 323790	45.74 0.15 0.00	43.23 0.19 0.00	40.28 0.14 0.00	43.93 0.16 0.00	44.24 0.22 0.00	48.17 0.24 0.00	79.81 0.39 0.00	214.12 0.85 0.00	55.89 0.24 0.00	34.88 0.14 0.00	36.52 0.11 0.00	34.64 0.03 0.00	31.63 -0.19 0.00	28.34 -0.11 0.00	27.06 -0.08 0.00	27.58 -0.07 0.00	26.34 -0.09 0.00	30.56 0.00 0.00	50.08 -0.01 0.00	97.76 -0.21 0.00	72.44 -0.71 0.00	45.17 -0.87 0.00	39.53 -0.95 0.00	41.41 -1.11 0.00

ROCHESRG_115KV_T4 355643	44.66 -0.93 0.00	42.30 -0.74 0.00	39.17 -0.98 0.00	42.52 -1.25 0.00	42.73 -1.29 0.00	46.24 -1.69 0.00	77.03 -2.38 0.00	205.00 -8.28 0.00	53.30 -2.34 0.00	33.50 -1.24 0.00	35.11 -1.30 0.00	33.49 -1.13 0.00	30.87 -0.94 0.00	27.54 -0.91 0.00	26.18 -0.96 0.00	26.64 -1.00 0.00	25.15 -1.29 0.00	28.85 -1.72 0.00	47.72 -2.37 0.00	93.80 -4.17 0.00	69.78 -3.38 0.00	43.52 -2.53 0.00	38.16 -2.32 0.00	40.48 -2.04 0.00
ROCHESTER_9_IC 23652	44.91 -0.68 0.00	42.54 -0.51 0.00	39.38 -0.77 0.00	42.76 -1.01 0.00	42.97 -1.05 0.00	46.51 -1.42 0.00	77.53 -1.89 0.00	206.38 -6.90 0.00	53.64 -2.01 0.00	33.68 -1.07 0.00	35.29 -1.12 0.00	33.64 -0.97 0.00	31.02 -0.79 0.00	27.67 -0.78 0.00	26.30 -0.84 0.00	26.75 -0.88 0.00	25.27 -1.16 0.00	29.01 -1.56 0.00	48.02 -2.07 0.00	94.43 -3.54 0.00	70.22 -2.94 0.00	43.78 -2.27 0.00	38.38 -2.10 0.00	40.69 -1.83 0.00
ROCKVIEW_13_KV_LD 356306	46.65 1.06 0.00	44.03 0.99 0.00	41.17 1.02 0.00	44.96 1.19 0.00	45.15 1.14 0.00	49.48 1.55 0.00	82.05 2.64 0.00	222.83 9.56 0.00	57.99 2.35 0.00	36.35 1.61 0.00	38.22 1.81 0.00	36.22 1.61 0.00	33.22 1.40 0.00	29.66 1.21 0.00	28.37 1.22 0.00	28.89 1.25 0.00	28.64 1.37 -0.83	32.14 1.57 0.00	52.30 2.21 0.00	102.21 4.24 0.00	76.50 3.35 0.00	48.32 2.27 0.00	42.40 1.92 0.00	44.08 1.56 0.00
ROME____115KV_TB2 80656	47.12 1.53 0.00	44.52 1.47 0.00	41.47 1.32 0.00	45.24 1.47 0.00	45.53 1.52 0.00	49.74 1.81 0.00	82.97 3.56 0.00	223.01 9.74 0.00	57.71 2.07 0.00	35.55 0.81 0.00	37.02 0.61 0.00	35.00 0.39 0.00	32.08 0.27 0.00	28.69 0.24 0.00	27.32 0.18 0.00	27.83 0.19 0.00	26.75 0.32 0.00	31.32 0.75 0.00	51.88 1.79 0.00	101.88 3.91 0.00	75.76 2.61 0.00	47.31 1.26 0.00	41.38 0.90 0.00	43.36 0.84 0.00
ROSETON___1 23587	46.10 0.51 0.00	43.53 0.49 0.00	40.70 0.55 0.00	44.43 0.66 0.00	44.62 0.61 0.00	48.87 0.94 0.00	81.03 1.62 0.00	219.55 6.28 0.00	57.20 1.55 0.00	35.76 1.02 0.00	37.56 1.15 0.00	35.61 1.00 0.00	32.66 0.85 0.00	29.19 0.74 0.00	27.91 0.77 0.00	28.43 0.79 0.00	27.35 0.92 0.00	31.65 1.08 0.00	51.57 1.48 0.00	100.78 2.81 0.00	75.45 2.30 0.00	47.63 1.59 0.00	41.79 1.31 0.00	43.55 1.04 0.00
ROSETON___2 23588	46.10 0.51 0.00	43.53 0.49 0.00	40.70 0.55 0.00	44.43 0.66 0.00	44.62 0.61 0.00	48.87 0.94 0.00	81.03 1.62 0.00	219.55 6.28 0.00	57.20 1.55 0.00	35.76 1.02 0.00	37.56 1.15 0.00	35.61 1.00 0.00	32.66 0.85 0.00	29.19 0.74 0.00	27.91 0.77 0.00	28.43 0.79 0.00	27.35 0.92 0.00	31.65 1.08 0.00	51.57 1.48 0.00	100.78 2.81 0.00	75.45 2.30 0.00	47.63 1.59 0.00	41.79 1.31 0.00	43.55 1.04 0.00
ROTRRDAM_115KV_TB3 80664	46.31 0.72 0.00	43.65 0.60 0.00	40.70 0.55 0.00	44.38 0.61 0.00	44.62 0.60 0.00	48.73 0.80 0.00	80.66 1.25 0.00	217.19 3.92 0.00	56.55 0.91 0.00	35.17 0.43 0.00	36.83 0.42 0.00	34.96 0.34 0.00	32.11 0.29 0.00	28.70 0.26 0.00	27.42 0.28 0.00	27.93 0.30 0.00	26.82 0.39 0.00	31.15 0.59 0.00	51.08 1.00 0.00	99.85 1.88 0.00	74.69 1.54 0.00	47.14 1.09 0.00	41.39 0.91 0.00	43.32 0.80 0.00
RUSSELL___1 23602	45.15 -0.44 0.00	42.75 -0.30 0.00	39.57 -0.58 0.00	42.96 -0.81 0.00	43.19 -0.83 0.00	46.76 -1.17 0.00	77.99 -1.43 0.00	207.57 -5.70 0.00	53.91 -1.74 0.00	33.83 -0.91 0.00	35.46 -0.95 0.00	33.80 -0.82 0.00	31.16 -0.65 0.00	27.78 -0.66 0.00	26.41 -0.74 0.00	26.87 -0.77 0.00	25.38 -1.05 0.00	29.16 -1.41 0.00	48.32 -1.77 0.00	95.00 -2.97 0.00	70.66 -2.49 0.00	44.04 -2.00 0.00	38.59 -1.89 0.00	40.90 -1.61 0.00
RUSSELL___2 23532	45.15 -0.44 0.00	42.75 -0.30 0.00	39.57 -0.58 0.00	42.96 -0.81 0.00	43.19 -0.83 0.00	46.76 -1.17 0.00	77.99 -1.43 0.00	207.57 -5.70 0.00	53.91 -1.74 0.00	33.83 -0.91 0.00	35.46 -0.95 0.00	33.80 -0.82 0.00	31.16 -0.65 0.00	27.78 -0.66 0.00	26.41 -0.74 0.00	26.87 -0.77 0.00	25.38 -1.05 0.00	29.16 -1.41 0.00	48.32 -1.77 0.00	95.00 -2.97 0.00	70.66 -2.49 0.00	44.04 -2.00 0.00	38.59 -1.89 0.00	40.90 -1.61 0.00
RUSSELL___3 23549	45.15 -0.44 0.00	42.75 -0.30 0.00	39.57 -0.58 0.00	42.96 -0.81 0.00	43.19 -0.83 0.00	46.76 -1.17 0.00	77.99 -1.43 0.00	207.57 -5.70 0.00	53.91 -1.74 0.00	33.83 -0.91 0.00	35.46 -0.95 0.00	33.80 -0.82 0.00	31.16 -0.65 0.00	27.78 -0.66 0.00	26.41 -0.74 0.00	26.87 -0.77 0.00	25.38 -1.05 0.00	29.16 -1.41 0.00	48.32 -1.77 0.00	95.00 -2.97 0.00	70.66 -2.49 0.00	44.04 -2.00 0.00	38.59 -1.89 0.00	40.90 -1.61 0.00
RUSSELL___4 23556	45.15 -0.44 0.00	42.75 -0.30 0.00	39.57 -0.58 0.00	42.96 -0.81 0.00	43.19 -0.83 0.00	46.76 -1.17 0.00	77.99 -1.43 0.00	207.57 -5.70 0.00	53.91 -1.74 0.00	33.83 -0.91 0.00	35.46 -0.95 0.00	33.80 -0.82 0.00	31.16 -0.65 0.00	27.78 -0.66 0.00	26.41 -0.74 0.00	26.87 -0.77 0.00	25.38 -1.05 0.00	29.16 -1.41 0.00	48.32 -1.77 0.00	95.00 -2.97 0.00	70.66 -2.49 0.00	44.04 -2.00 0.00	38.59 -1.89 0.00	40.90 -1.61 0.00
RUSSELL___STATION 23914	45.15 -0.44 0.00	42.75 -0.30 0.00	39.57 -0.58 0.00	42.96 -0.81 0.00	43.19 -0.83 0.00	46.76 -1.17 0.00	77.99 -1.43 0.00	207.57 -5.70 0.00	53.91 -1.74 0.00	33.83 -0.91 0.00	35.46 -0.95 0.00	33.80 -0.82 0.00	31.16 -0.65 0.00	27.78 -0.66 0.00	26.41 -0.74 0.00	26.87 -0.77 0.00	25.38 -1.05 0.00	29.16 -1.41 0.00	48.32 -1.77 0.00	95.00 -2.97 0.00	70.66 -2.49 0.00	44.04 -2.00 0.00	38.59 -1.89 0.00	40.90 -1.61 0.00
S SALMON___HYD 24043	45.14 -0.45 0.00	42.73 -0.31 0.00	39.85 -0.30 0.00	43.41 -0.36 0.00	43.64 -0.37 0.00	47.47 -0.46 0.00	79.09 -0.32 0.00	212.31 -0.97 0.00	54.91 -0.74 0.00	33.94 -0.80 0.00	35.34 -1.07 0.00	33.51 -1.10 0.00	30.76 -1.06 0.00	27.54 -0.91 0.00	26.21 -0.94 0.00	26.70 -0.94 0.00	25.45 -0.98 0.00	29.70 -0.87 0.00	49.18 -0.91 0.00	96.65 -1.33 0.00	71.84 -1.31 0.00	44.80 -1.24 0.00	39.18 -1.30 0.00	41.23 -1.29 0.00
S.PERRY__115KV_TB1 80734	46.21 0.62 0.00	43.87 0.83 0.00	40.67 0.52 0.00	44.11 0.34 0.00	44.28 0.27 0.00	48.14 0.21 0.00	80.72 1.31 0.00	214.73 1.45 0.00	55.11 -0.53 0.00	33.69 -1.05 0.00	35.17 -1.24 0.00	33.56 -1.06 0.00	30.90 -0.91 0.00	27.44 -1.01 0.00	26.02 -1.13 0.00	26.49 -1.15 0.00	25.05 -1.39 0.00	29.00 -1.57 0.00	48.76 -1.33 0.00	97.42 -0.55 0.00	72.38 -0.77 0.00	44.75 -1.29 0.00	39.00 -1.48 0.00	41.08 -1.44 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	44.49 -1.10 0.00	42.19 -0.85 0.00	38.86 -1.29 0.00	42.04 -1.72 0.00	42.25 -1.77 0.00	45.62 -2.31 0.00	75.98 -3.43 0.00	200.21 -13.07 0.00	52.22 -3.43 0.00	33.20 -1.54 0.00	34.86 -1.56 0.00	33.30 -1.32 0.00	30.75 -1.06 0.00	27.38 -1.07 0.00	25.97 -1.17 0.00	26.40 -1.24 0.00	24.69 -1.75 0.00	28.11 -2.46 0.00	46.63 -3.46 0.00	91.76 -6.21 0.00	68.09 -5.06 0.00	42.26 -3.78 0.00	37.11 -3.37 0.00	39.59 -2.93 0.00

SAWYER___23_KV_LOAD 55526	44.49 -1.10 0.00	42.19 -0.85 0.00	38.86 -1.29 0.00	42.04 -1.72 0.00	42.25 -1.77 0.00	45.62 -2.31 0.00	75.98 -3.43 0.00	200.21 -13.07 0.00	52.22 -3.43 0.00	33.20 -1.54 0.00	34.86 -1.56 0.00	33.30 -1.32 0.00	30.75 -1.06 0.00	27.38 -1.07 0.00	25.97 -1.17 0.00	26.40 -1.24 0.00	24.69 -1.75 0.00	28.11 -2.46 0.00	46.63 -3.46 0.00	91.76 -6.21 0.00	68.09 -5.06 0.00	42.26 -3.78 0.00	37.11 -3.37 0.00	39.59 -2.93 0.00
SELKIRK___I 23801	45.95 0.36 0.00	43.47 0.42 0.00	40.61 0.46 0.00	44.28 0.51 0.00	44.54 0.52 0.00	48.70 0.77 0.00	80.43 1.02 0.00	216.59 3.31 0.00	56.43 0.79 0.00	35.05 0.31 0.00	36.73 0.32 0.00	34.88 0.26 0.00	32.07 0.25 0.00	28.69 0.24 0.00	27.42 0.28 0.00	27.95 0.31 0.00	26.88 0.44 0.00	31.26 0.69 0.00	51.21 1.13 0.00	99.92 1.95 0.00	74.63 1.48 0.00	47.16 1.12 0.00	41.48 1.00 0.00	43.58 1.06 0.00
SELKIRK___II 23799	45.68 0.09 0.00	43.21 0.17 0.00	40.37 0.22 0.00	44.02 0.24 0.00	44.25 0.24 0.00	48.41 0.48 0.00	79.98 0.57 0.00	215.66 2.39 0.00	56.36 0.71 0.00	35.15 0.41 0.00	36.85 0.44 0.00	34.98 0.37 0.00	32.15 0.33 0.00	28.77 0.32 0.00	27.49 0.35 0.00	28.02 0.38 0.00	26.93 0.49 0.00	31.22 0.65 0.00	50.99 0.90 0.00	99.44 1.46 0.00	74.30 1.15 0.00	46.94 0.89 0.00	41.28 0.80 0.00	43.35 0.83 0.00
SENECA OSWGO___HYD 24041	44.46 -1.14 0.00	42.01 -1.03 0.00	39.17 -0.98 0.00	42.68 -1.09 0.00	42.85 -1.17 0.00	46.51 -1.42 0.00	77.28 -2.13 0.00	207.46 -5.81 0.00	53.93 -1.72 0.00	33.65 -1.09 0.00	35.24 -1.17 0.00	33.60 -1.02 0.00	30.92 -0.89 0.00	27.64 -0.81 0.00	26.34 -0.80 0.00	26.82 -0.82 0.00	25.56 -0.88 0.00	29.53 -1.04 0.00	48.56 -1.53 0.00	95.21 -2.76 0.00	70.98 -2.17 0.00	44.52 -1.53 0.00	39.01 -1.47 0.00	41.10 -1.41 0.00
SENECA___115KV_TB3 355854	45.15 -0.44 0.00	42.78 -0.26 0.00	39.40 -0.75 0.00	42.67 -1.10 0.00	42.89 -1.13 0.00	46.31 -1.61 0.00	77.27 -2.15 0.00	203.93 -9.34 0.00	53.07 -2.58 0.00	33.69 -1.05 0.00	35.36 -1.05 0.00	33.77 -0.84 0.00	31.20 -0.61 0.00	27.73 -0.72 0.00	26.29 -0.86 0.00	26.71 -0.92 0.00	24.98 -1.45 0.00	28.49 -2.08 0.00	47.36 -2.72 0.00	93.23 -4.74 0.00	69.18 -3.97 0.00	42.89 -3.15 0.00	37.63 -2.85 0.00	40.06 -2.45 0.00
SENECA___ENERGY 23797	45.08 -0.51 0.00	42.67 -0.37 0.00	39.72 -0.42 0.00	43.25 -0.52 0.00	43.41 -0.60 0.00	47.13 -0.80 0.00	78.50 -0.92 0.00	210.40 -2.87 0.00	54.50 -1.15 0.00	33.88 -0.86 0.00	35.42 -0.99 0.00	33.71 -0.90 0.00	31.01 -0.80 0.00	27.69 -0.75 0.00	26.34 -0.81 0.00	26.79 -0.85 0.00	25.50 -0.93 0.00	29.50 -1.07 0.00	48.86 -1.23 0.00	96.14 -1.83 0.00	71.57 -1.58 0.00	44.74 -1.31 0.00	39.16 -1.32 0.00	41.16 -1.36 0.00
SHOEMAKER___GT 23640	46.05 0.46 0.00	43.48 0.43 0.00	40.62 0.47 0.00	44.36 0.59 0.00	44.57 0.55 0.00	48.77 0.84 0.00	80.95 1.53 0.00	219.12 5.85 0.00	56.95 1.30 0.00	35.44 0.70 0.00	37.21 0.80 0.00	35.29 0.67 0.00	32.35 0.54 0.00	28.91 0.46 0.00	27.64 0.50 0.00	28.15 0.51 0.00	26.25 0.63 0.81	31.35 0.79 0.00	51.30 1.21 0.00	100.38 2.41 0.00	75.19 2.04 0.00	47.43 1.38 0.00	41.60 1.12 0.00	43.36 0.84 0.00
SHOEMAKR_138KV_BK 111 55601	46.01 0.42 0.00	43.45 0.41 0.00	40.60 0.45 0.00	44.33 0.56 0.00	44.53 0.52 0.00	48.74 0.81 0.00	80.91 1.49 0.00	219.02 5.74 0.00	56.94 1.30 0.00	35.47 0.73 0.00	37.24 0.83 0.00	35.32 0.70 0.00	32.38 0.56 0.00	28.93 0.48 0.00	27.67 0.53 0.00	28.17 0.53 0.00	26.30 0.66 0.79	31.36 0.80 0.00	51.29 1.20 0.00	100.34 2.37 0.00	75.12 1.97 0.00	47.40 1.35 0.00	41.58 1.10 0.00	43.34 0.82 0.00
SHOREHAM_IC_1 23715	45.40 -0.19 0.00	42.17 -0.87 0.00	39.92 -0.23 0.00	43.61 -0.16 0.00	43.66 -0.36 0.00	48.11 0.18 0.00	78.39 -1.02 0.00	210.00 0.73 4.00	55.58 -0.07 0.00	36.19 1.45 0.00	38.43 2.01 0.00	36.09 1.47 0.00	33.11 1.30 0.00	29.56 1.12 0.00	28.48 1.33 0.00	28.97 1.33 0.00	28.95 1.68 -0.84	31.33 0.76 0.00	50.24 0.15 0.00	98.58 0.61 0.00	74.07 0.91 0.00	47.64 1.60 0.00	41.90 1.41 0.00	43.60 1.09 0.00
SHOREHAM_IC_2 23716	45.40 -0.19 0.00	42.17 -0.87 0.00	39.92 -0.23 0.00	43.61 -0.16 0.00	43.66 -0.36 0.00	48.11 0.18 0.00	78.39 -1.02 0.00	210.00 0.73 4.00	55.58 -0.07 0.00	36.19 1.45 0.00	38.43 2.01 0.00	36.09 1.47 0.00	33.11 1.30 0.00	29.56 1.12 0.00	28.48 1.33 0.00	28.97 1.33 0.00	28.95 1.68 -0.84	31.33 0.76 0.00	50.24 0.15 0.00	98.58 0.61 0.00	74.07 0.91 0.00	47.64 1.60 0.00	41.90 1.41 0.00	43.60 1.09 0.00
SISSONVILLE____ 23735	46.56 0.96 0.00	43.80 0.75 0.00	40.76 0.61 0.00	44.42 0.65 0.00	44.93 0.92 0.00	48.90 0.97 0.00	81.20 1.79 0.00	216.81 3.54 0.00	56.39 0.75 0.00	34.92 0.18 0.00	36.35 -0.06 0.00	34.44 -0.18 0.00	31.62 -0.19 0.00	28.28 -0.17 0.00	26.93 -0.21 0.00	27.40 -0.24 0.00	26.12 -0.31 0.00	30.35 -0.22 0.00	50.06 -0.03 0.00	98.44 0.47 0.00	73.44 0.29 0.00	46.12 0.07 0.00	40.74 0.26 0.00	42.93 0.41 0.00
SITHE_IND_GS1 24169	44.11 -1.49 0.00	41.69 -1.35 0.00	38.89 -1.25 0.00	42.38 -1.39 0.00	42.51 -1.51 0.00	46.09 -1.84 0.00	76.51 -2.91 0.00	205.11 -8.16 0.00	53.44 -2.21 0.00	33.42 -1.32 0.00	35.08 -1.33 0.00	33.47 -1.14 0.00	30.82 -1.00 0.00	27.56 -0.89 0.00	26.28 -0.87 0.00	26.75 -0.89 0.00	25.46 -0.97 0.00	29.34 -1.23 0.00	48.12 -1.97 0.00	94.29 -3.69 0.00	70.31 -2.84 0.00	44.14 -1.90 0.00	38.74 -1.74 0.00	40.86 -1.66 0.00
SITHE_IND_GS2 24170	44.11 -1.49 0.00	41.69 -1.35 0.00	38.89 -1.25 0.00	42.38 -1.39 0.00	42.51 -1.51 0.00	46.09 -1.84 0.00	76.51 -2.91 0.00	205.11 -8.16 0.00	53.44 -2.21 0.00	33.42 -1.32 0.00	35.08 -1.33 0.00	33.47 -1.14 0.00	30.82 -1.00 0.00	27.56 -0.89 0.00	26.28 -0.87 0.00	26.75 -0.89 0.00	25.46 -0.97 0.00	29.34 -1.23 0.00	48.12 -1.97 0.00	94.29 -3.69 0.00	70.31 -2.84 0.00	44.14 -1.90 0.00	38.74 -1.74 0.00	40.86 -1.66 0.00
SITHE_IND_GS3 24171	44.11 -1.49 0.00	41.69 -1.35 0.00	38.89 -1.25 0.00	42.38 -1.39 0.00	42.51 -1.51 0.00	46.09 -1.84 0.00	76.51 -2.91 0.00	205.11 -8.16 0.00	53.44 -2.21 0.00	33.42 -1.32 0.00	35.08 -1.33 0.00	33.47 -1.14 0.00	30.82 -1.00 0.00	27.56 -0.89 0.00	26.28 -0.87 0.00	26.75 -0.89 0.00	25.46 -0.97 0.00	29.34 -1.23 0.00	48.12 -1.97 0.00	94.29 -3.69 0.00	70.31 -2.84 0.00	44.14 -1.90 0.00	38.74 -1.74 0.00	40.86 -1.66 0.00
SITHE_IND_GS4 24172	44.11 -1.49 0.00	41.69 -1.35 0.00	38.89 -1.25 0.00	42.38 -1.39 0.00	42.51 -1.51 0.00	46.09 -1.84 0.00	76.51 -2.91 0.00	205.11 -8.16 0.00	53.44 -2.21 0.00	33.42 -1.32 0.00	35.08 -1.33 0.00	33.47 -1.14 0.00	30.82 -1.00 0.00	27.56 -0.89 0.00	26.28 -0.87 0.00	26.75 -0.89 0.00	25.46 -0.97 0.00	29.34 -1.23 0.00	48.12 -1.97 0.00	94.29 -3.69 0.00	70.31 -2.84 0.00	44.14 -1.90 0.00	38.74 -1.74 0.00	40.86 -1.66 0.00

SITHE___BATAVIA 24024	45.56 -0.04 0.00	43.19 0.15 0.00	39.81 -0.34 0.00	43.15 -0.61 0.00	43.47 -0.55 0.00	47.12 -0.81 0.00	78.73 -0.69 0.00	207.86 -5.41 0.00	53.94 -1.71 0.00	33.81 -0.93 0.00	35.23 -1.19 0.00	33.51 -1.11 0.00	30.89 -0.92 0.00	27.50 -0.95 0.00	26.10 -1.04 0.00	26.57 -1.07 0.00	24.92 -1.52 0.00	28.56 -2.01 0.00	47.77 -2.32 0.00	94.62 -3.36 0.00	70.30 -2.86 0.00	43.65 -2.40 0.00	38.25 -2.23 0.00	40.76 -1.76 0.00
SITHE___INDEPEND 23800	44.11 -1.48 0.00	41.69 -1.35 0.00	38.89 -1.26 0.00	42.38 -1.39 0.00	42.51 -1.51 0.00	46.09 -1.84 0.00	76.50 -2.91 0.00	205.11 -8.16 0.00	53.44 -2.21 0.00	33.42 -1.32 0.00	35.08 -1.33 0.00	33.48 -1.14 0.00	30.82 -1.00 0.00	27.56 -0.89 0.00	26.28 -0.87 0.00	26.75 -0.89 0.00	25.47 -0.97 0.00	29.34 -1.22 0.00	48.13 -1.96 0.00	94.28 -3.69 0.00	70.31 -2.84 0.00	44.15 -1.90 0.00	38.74 -1.74 0.00	40.86 -1.66 0.00
SITHE___MASSENA 23902	46.95 1.36 0.00	44.16 1.12 0.00	41.08 0.94 0.00	44.77 1.00 0.00	45.21 1.19 0.00	49.16 1.23 0.00	81.43 2.02 0.00	217.44 4.17 0.00	56.78 1.13 0.00	35.41 0.67 0.00	37.00 0.59 0.00	35.13 0.51 0.00	32.30 0.49 0.00	28.89 0.45 0.00	27.53 0.38 0.00	28.01 0.37 0.00	26.72 0.28 0.00	30.88 0.31 0.00	50.68 0.59 0.00	99.34 1.37 0.00	74.16 1.01 0.00	46.67 0.62 0.00	41.26 0.78 0.00	43.50 0.98 0.00
SITHE___OGDNSBRG 24021	47.82 2.23 0.00	44.97 1.92 0.00	41.81 1.66 0.00	45.57 1.80 0.00	46.10 2.08 0.00	50.18 2.25 0.00	83.36 3.94 0.00	221.66 8.38 0.00	57.58 1.94 0.00	35.52 0.78 0.00	36.95 0.54 0.00	35.07 0.45 0.00	32.24 0.42 0.00	28.82 0.37 0.00	27.47 0.32 0.00	27.95 0.31 0.00	26.62 0.18 0.00	30.87 0.31 0.00	51.18 1.10 0.00	101.14 3.17 0.00	75.51 2.36 0.00	47.43 1.39 0.00	41.92 1.44 0.00	44.19 1.67 0.00
SITHE___STERLING 23777	46.54 0.95 0.00	43.96 0.91 0.00	40.98 0.83 0.00	44.70 0.93 0.00	44.96 0.95 0.00	49.08 1.15 0.00	81.77 2.36 0.00	219.91 6.64 0.00	56.95 1.30 0.00	35.18 0.44 0.00	36.71 0.30 0.00	34.82 0.20 0.00	31.95 0.14 0.00	28.56 0.11 0.00	27.21 0.07 0.00	27.71 0.07 0.00	26.57 0.13 0.00	30.94 0.37 0.00	51.19 1.10 0.00	100.53 2.56 0.00	74.85 1.70 0.00	46.79 0.75 0.00	40.97 0.49 0.00	42.94 0.43 0.00
SLEIGHT__34_KV_TB1 80719	44.84 -0.75 0.00	42.42 -0.62 0.00	39.40 -0.75 0.00	42.84 -0.93 0.00	43.06 -0.95 0.00	46.65 -1.28 0.00	77.81 -1.61 0.00	207.96 -5.31 0.00	53.98 -1.67 0.00	33.71 -1.03 0.00	35.27 -1.14 0.00	33.55 -1.06 0.00	30.91 -0.90 0.00	27.58 -0.87 0.00	26.21 -0.94 0.00	26.67 -0.97 0.00	25.31 -1.13 0.00	29.19 -1.38 0.00	48.35 -1.74 0.00	95.10 -2.88 0.00	70.74 -2.42 0.00	44.18 -1.87 0.00	38.69 -1.78 0.00	40.83 -1.69 0.00
SOUTH CAIRO___GT 23612	47.44 1.85 0.00	44.86 1.82 0.00	41.87 1.72 0.00	45.67 1.90 0.00	45.96 1.94 0.00	50.40 2.47 0.00	83.73 4.32 0.00	225.95 12.67 0.00	58.77 3.12 0.00	36.02 1.28 0.00	37.42 1.01 0.00	35.41 0.79 0.00	32.53 0.71 0.00	29.08 0.63 0.00	27.75 0.61 0.00	28.31 0.67 0.00	27.30 0.86 0.00	31.90 1.33 0.00	52.70 2.61 0.00	103.65 5.68 0.00	77.45 4.30 0.00	48.81 2.76 0.00	42.84 2.36 0.00	44.97 2.45 0.00
SOUTH HAMPTN___IC 23720	45.39 -0.20 0.00	42.11 -0.94 0.00	39.83 -0.32 0.00	43.57 -0.20 0.00	43.57 -0.45 0.00	48.06 0.13 0.00	78.42 -0.99 0.00	210.30 1.03 4.00	55.57 -0.08 0.00	36.13 1.39 0.00	38.33 1.92 0.00	35.97 1.35 0.00	33.03 1.21 0.00	29.49 1.05 0.00	28.47 1.33 0.00	28.94 1.30 0.00	28.95 1.68 -0.84	31.30 0.73 0.00	50.17 0.08 0.00	98.62 0.65 0.00	74.20 1.05 0.00	47.69 1.64 0.00	41.92 1.44 0.00	43.73 1.21 0.00
SOUTHDOW_115KV_TB1 355954	47.06 1.47 0.00	44.28 1.23 0.00	40.66 0.51 0.00	44.28 0.52 0.00	44.41 0.39 0.00	47.96 0.03 0.00	80.45 1.03 0.00	214.18 0.90 0.00	55.07 -0.58 0.00	34.23 -0.51 0.00	36.17 -0.24 0.00	34.72 0.10 0.00	32.05 0.23 0.00	28.67 0.22 0.00	27.25 0.11 0.00	27.40 -0.24 0.00	25.68 -0.76 0.00	29.47 -1.10 0.00	49.42 -0.67 0.00	97.68 -0.29 0.00	72.12 -1.03 0.00	43.96 -2.09 0.00	38.53 -1.95 0.00	40.55 -1.97 0.00
SOUTHOLD_69_KV_BK 2 55809	45.00 -0.59 0.00	41.68 -1.37 0.00	39.39 -0.76 0.00	43.17 -0.60 0.00	43.09 -0.93 0.00	47.55 -0.38 0.00	77.76 -1.66 0.00	209.38 0.11 4.00	55.10 -0.55 0.00	35.76 1.02 0.00	37.91 1.50 0.00	35.56 0.94 0.00	32.72 0.90 0.00	29.20 0.75 0.00	28.30 1.16 0.00	28.72 1.08 0.00	28.77 1.50 -0.84	31.02 0.46 0.00	49.68 -0.40 0.00	97.80 -0.18 0.00	73.55 0.40 0.00	47.32 1.28 0.00	41.60 1.11 0.00	43.59 1.07 0.00
SOUTHOLD___IC 23719	45.00 -0.59 0.00	41.68 -1.37 0.00	39.39 -0.76 0.00	43.17 -0.60 0.00	43.09 -0.93 0.00	47.55 -0.38 0.00	77.76 -1.66 0.00	209.02 -0.25 4.00	55.10 -0.55 0.00	35.77 1.02 0.00	37.91 1.50 0.00	35.56 0.94 0.00	32.71 0.90 0.00	29.20 0.75 0.00	28.30 1.16 0.00	28.72 1.08 0.00	28.77 1.50 -0.84	31.03 0.46 0.00	49.69 -0.40 0.00	97.78 -0.20 0.00	73.55 0.40 0.00	47.32 1.28 0.00	41.60 1.12 0.00	43.58 1.07 0.00
SOUTH_FORK_WT_PWR 323839	44.30 -1.29 0.00	40.92 -2.13 0.00	38.68 -1.47 0.00	42.47 -1.30 0.00	42.31 -1.71 0.00	46.71 -1.22 0.00	76.35 -3.06 0.00	205.56 -3.71 4.00	54.14 -1.51 0.00	35.15 0.40 0.00	37.32 0.91 0.00	34.99 0.38 0.00	32.25 0.43 0.00	28.80 0.35 0.00	27.99 0.85 0.00	28.39 0.75 0.00	28.44 1.17 -0.84	30.55 -0.02 0.00	48.79 -1.30 0.00	96.08 -1.89 0.00	72.27 -0.89 0.00	46.58 0.53 0.00	40.98 0.50 0.00	43.09 0.58 0.00
SPIERFLS_115KV_TB 1 80737	46.77 1.18 0.00	44.14 1.09 0.00	41.18 1.04 0.00	44.98 1.21 0.00	45.24 1.23 0.00	49.76 1.83 0.00	82.38 2.96 0.00	222.51 9.23 0.00	58.08 2.43 0.00	35.74 1.00 0.00	37.28 0.86 0.00	35.14 0.52 0.00	32.24 0.43 0.00	28.84 0.40 0.00	27.54 0.40 0.00	28.13 0.49 0.00	27.21 0.77 0.00	31.63 1.07 0.00	52.02 1.94 0.00	101.93 3.96 0.00	76.16 3.00 0.00	47.98 1.93 0.00	41.92 1.44 0.00	44.08 1.56 0.00
ST LAWRENCE____ 23600	46.42 0.83 0.00	43.69 0.64 0.00	40.66 0.51 0.00	44.32 0.55 0.00	44.72 0.70 0.00	48.59 0.66 0.00	80.46 1.05 0.00	215.02 1.75 0.00	56.23 0.58 0.00	35.13 0.39 0.00	36.75 0.34 0.00	34.91 0.29 0.00	32.11 0.30 0.00	28.72 0.27 0.00	27.36 0.22 0.00	27.84 0.20 0.00	26.56 0.13 0.00	30.68 0.11 0.00	50.26 0.17 0.00	98.39 0.41 0.00	73.48 0.33 0.00	46.29 0.24 0.00	40.90 0.42 0.00	43.09 0.57 0.00
STATE_CA_115KV_115_LB 55624	45.76 0.17 0.00	43.29 0.25 0.00	40.43 0.28 0.00	44.09 0.32 0.00	44.34 0.33 0.00	48.57 0.64 0.00	80.24 0.83 0.00	216.44 3.17 0.00	56.62 0.97 0.00	35.28 0.54 0.00	36.97 0.56 0.00	35.09 0.48 0.00	32.27 0.45 0.00	28.87 0.43 0.00	27.60 0.46 0.00	28.14 0.50 0.00	27.10 0.66 0.00	31.43 0.86 0.00	51.30 1.21 0.00	99.98 2.01 0.00	74.61 1.45 0.00	47.13 1.09 0.00	41.48 1.00 0.00	43.61 1.09 0.00

STATE_ST_34_KV_LOAD 55959	45.51 -0.08 0.00	43.11 0.07 0.00	40.15 0.00 0.00	43.79 0.01 0.00	43.97 -0.04 0.00	47.59 -0.34 0.00	79.21 -0.20 0.00	212.43 -0.84 0.00	55.23 -0.41 0.00	34.33 -0.41 0.00	35.93 -0.48 0.00	34.09 -0.53 0.00	31.35 -0.46 0.00	28.07 -0.37 0.00	26.67 -0.47 0.00	27.14 -0.49 0.00	25.93 -0.50 0.00	30.05 -0.52 0.00	49.53 -0.56 0.00	97.60 -0.37 0.00	72.67 -0.48 0.00	45.51 -0.53 0.00	39.90 -0.58 0.00	41.81 -0.71 0.00
STATION_5_MISC_HYD 23604	44.91 -0.68 0.00	42.54 -0.50 0.00	39.38 -0.77 0.00	42.75 -1.02 0.00	42.97 -1.05 0.00	46.52 -1.41 0.00	77.53 -1.89 0.00	206.38 -6.89 0.00	53.63 -2.01 0.00	33.67 -1.07 0.00	35.29 -1.12 0.00	33.64 -0.98 0.00	31.03 -0.78 0.00	27.67 -0.78 0.00	26.30 -0.84 0.00	26.75 -0.88 0.00	25.27 -1.17 0.00	29.00 -1.57 0.00	48.02 -2.07 0.00	94.42 -3.55 0.00	70.22 -2.94 0.00	43.79 -2.25 0.00	38.36 -2.11 0.00	40.71 -1.81 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	45.41 -0.18 0.00	42.97 -0.08 0.00	39.92 -0.23 0.00	43.43 -0.34 0.00	43.63 -0.39 0.00	47.37 -0.56 0.00	79.02 -0.40 0.00	211.46 -1.82 0.00	54.78 -0.86 0.00	34.17 -0.57 0.00	35.75 -0.66 0.00	34.00 -0.61 0.00	31.28 -0.53 0.00	27.90 -0.54 0.00	26.53 -0.61 0.00	27.00 -0.64 0.00	25.64 -0.80 0.00	29.61 -0.96 0.00	49.12 -0.97 0.00	96.48 -1.49 0.00	71.80 -1.36 0.00	44.81 -1.23 0.00	39.23 -1.25 0.00	41.35 -1.17 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	44.65 -0.94 0.00	42.28 -0.76 0.00	39.16 -0.98 0.00	42.53 -1.24 0.00	42.74 -1.27 0.00	46.28 -1.65 0.00	77.14 -2.28 0.00	205.54 -7.74 0.00	53.42 -2.22 0.00	33.53 -1.22 0.00	35.13 -1.28 0.00	33.47 -1.15 0.00	30.86 -0.96 0.00	27.53 -0.92 0.00	26.17 -0.98 0.00	26.63 -1.01 0.00	25.16 -1.27 0.00	28.91 -1.66 0.00	47.85 -2.24 0.00	94.05 -3.92 0.00	69.97 -3.19 0.00	43.64 -2.40 0.00	38.25 -2.23 0.00	40.52 -2.00 0.00
STA_56___34_KV_BUS2 355883	44.65 -0.94 0.00	42.28 -0.76 0.00	39.16 -0.98 0.00	42.53 -1.24 0.00	42.74 -1.27 0.00	46.28 -1.65 0.00	77.14 -2.28 0.00	205.54 -7.74 0.00	53.42 -2.22 0.00	33.53 -1.22 0.00	35.13 -1.28 0.00	33.47 -1.15 0.00	30.86 -0.96 0.00	27.53 -0.92 0.00	26.17 -0.98 0.00	26.63 -1.01 0.00	25.16 -1.27 0.00	28.91 -1.66 0.00	47.85 -2.24 0.00	94.05 -3.92 0.00	69.97 -3.19 0.00	43.64 -2.40 0.00	38.25 -2.23 0.00	40.52 -2.00 0.00
STA_67___115KV_BK2 355882	44.80 -0.79 0.00	42.44 -0.60 0.00	39.29 -0.86 0.00	42.66 -1.11 0.00	42.87 -1.14 0.00	46.40 -1.53 0.00	77.34 -2.07 0.00	205.81 -7.46 0.00	53.51 -2.14 0.00	33.61 -1.13 0.00	35.22 -1.20 0.00	33.57 -1.04 0.00	30.96 -0.85 0.00	27.62 -0.83 0.00	26.25 -0.89 0.00	26.71 -0.93 0.00	25.22 -1.21 0.00	28.94 -1.63 0.00	47.90 -2.19 0.00	94.15 -3.82 0.00	70.05 -3.11 0.00	43.68 -2.37 0.00	38.30 -2.18 0.00	40.60 -1.91 0.00
STA_7___115KV_9TRANS 80674	45.15 -0.44 0.00	42.75 -0.30 0.00	39.57 -0.58 0.00	42.96 -0.81 0.00	43.19 -0.83 0.00	46.76 -1.17 0.00	77.99 -1.43 0.00	207.57 -5.70 0.00	53.91 -1.74 0.00	33.83 -0.91 0.00	35.46 -0.95 0.00	33.80 -0.82 0.00	31.16 -0.65 0.00	27.78 -0.66 0.00	26.41 -0.74 0.00	26.87 -0.77 0.00	25.38 -1.05 0.00	29.16 -1.41 0.00	48.32 -1.77 0.00	95.00 -2.97 0.00	70.66 -2.49 0.00	44.04 -2.00 0.00	38.59 -1.89 0.00	40.90 -1.61 0.00
STA_82___115KV_TB1 80780	44.82 -0.77 0.00	42.44 -0.60 0.00	39.30 -0.85 0.00	42.67 -1.10 0.00	42.88 -1.13 0.00	46.41 -1.52 0.00	77.36 -2.06 0.00	205.90 -7.37 0.00	53.51 -2.14 0.00	33.61 -1.13 0.00	35.21 -1.20 0.00	33.57 -1.05 0.00	30.96 -0.85 0.00	27.60 -0.84 0.00	26.24 -0.91 0.00	26.69 -0.94 0.00	25.21 -1.23 0.00	28.93 -1.64 0.00	47.89 -2.20 0.00	94.15 -3.82 0.00	70.05 -3.10 0.00	43.68 -2.37 0.00	38.30 -2.18 0.00	40.60 -1.91 0.00
STEEL___WIND 323596	45.10 -0.49 0.00	42.74 -0.30 0.00	39.37 -0.78 0.00	42.63 -1.14 0.00	42.85 -1.17 0.00	46.26 -1.67 0.00	77.16 -2.25 0.00	203.63 -9.64 0.00	52.99 -2.66 0.00	33.64 -1.10 0.00	35.29 -1.12 0.00	33.71 -0.91 0.00	31.16 -0.65 0.00	27.68 -0.77 0.00	26.24 -0.91 0.00	26.67 -0.97 0.00	24.94 -1.49 0.00	28.45 -2.12 0.00	47.31 -2.78 0.00	93.15 -4.82 0.00	69.07 -4.08 0.00	42.87 -3.18 0.00	37.58 -2.90 0.00	40.04 -2.48 0.00
STEPHTWN_115KV_BK_2 55603	46.02 0.43 0.00	43.46 0.42 0.00	40.67 0.53 0.00	44.31 0.54 0.00	44.54 0.53 0.00	48.84 0.91 0.00	80.97 1.56 0.00	218.22 4.95 0.00	56.94 1.29 0.00	35.45 0.71 0.00	37.02 0.61 0.00	35.16 0.55 0.00	32.34 0.53 0.00	28.93 0.49 0.00	27.65 0.50 0.00	28.20 0.56 0.00	27.16 0.72 0.00	31.56 0.99 0.00	51.62 1.54 0.00	100.64 2.67 0.00	75.10 1.94 0.00	47.37 1.32 0.00	41.64 1.16 0.00	43.80 1.28 0.00
STEUBEN_REC_LFGE 323667	45.17 -0.42 0.00	43.35 0.30 0.00	40.30 0.15 0.00	43.62 -0.15 0.00	43.53 -0.49 0.00	47.49 -0.44 0.00	79.52 0.11 0.00	211.20 -2.07 0.00	54.05 -1.60 0.00	33.20 -1.54 0.00	34.80 -1.61 0.00	33.21 -1.40 0.00	30.49 -1.32 0.00	26.96 -1.49 0.00	25.40 -1.74 0.00	25.82 -1.82 0.00	24.56 -1.88 0.00	28.62 -1.95 0.00	48.48 -1.61 0.00	95.49 -2.48 0.00	70.51 -2.64 0.00	43.16 -2.89 0.00	37.51 -2.97 0.00	39.34 -3.18 0.00
STILLWATER___SOLAR 323814	46.89 1.30 0.00	44.28 1.24 0.00	41.37 1.22 0.00	45.13 1.37 0.00	45.39 1.37 0.00	49.80 1.87 0.00	82.41 2.99 0.00	222.18 8.90 0.00	57.98 2.34 0.00	35.80 1.06 0.00	37.40 0.99 0.00	35.37 0.76 0.00	32.47 0.66 0.00	29.04 0.60 0.00	27.75 0.61 0.00	28.32 0.68 0.00	27.35 0.92 0.00	31.84 1.27 0.00	52.30 2.21 0.00	102.33 4.36 0.00	76.42 3.27 0.00	48.11 2.07 0.00	42.15 1.67 0.00	44.29 1.78 0.00
STONY___BROOK 24151	46.34 0.75 0.00	43.37 0.32 0.00	40.75 0.61 0.00	44.50 0.73 0.00	44.58 0.57 0.00	49.08 1.16 0.00	80.43 1.01 0.00	215.30 6.01 3.99	56.88 1.24 0.00	36.55 1.81 0.00	38.60 2.19 0.00	36.32 1.71 0.00	33.29 1.48 0.00	29.72 1.27 0.00	28.56 1.42 0.00	29.09 1.45 0.00	29.04 1.77 -0.84	32.05 1.49 0.00	51.54 1.45 0.00	100.67 2.70 0.00	75.71 2.56 0.00	48.36 2.32 0.00	42.48 2.01 0.00	44.19 1.67 0.00
STURGEON_POOL_HYD 23609	46.42 0.83 0.00	43.82 0.78 0.00	40.97 0.82 0.00	44.73 0.96 0.00	44.94 0.92 0.00	49.22 1.29 0.00	81.70 2.29 0.00	221.51 8.23 0.00	57.65 2.00 0.00	36.04 1.30 0.00	37.80 1.39 0.00	35.80 1.18 0.00	32.81 1.00 0.00	29.31 0.87 0.00	28.03 0.89 0.00	28.56 0.92 0.00	27.48 1.05 0.00	31.80 1.23 0.00	51.91 1.82 0.00	101.55 3.58 0.00	76.03 2.88 0.00	47.98 1.94 0.00	42.06 1.58 0.00	43.78 1.27 0.00
ST_LAW_115_BK7_LBMP 345037	46.48 0.89 0.00	43.73 0.68 0.00	40.69 0.54 0.00	44.35 0.58 0.00	44.76 0.75 0.00	48.65 0.72 0.00	80.54 1.13 0.00	215.15 1.88 0.00	56.26 0.61 0.00	35.15 0.41 0.00	36.76 0.35 0.00	34.91 0.30 0.00	32.11 0.30 0.00	28.72 0.28 0.00	27.36 0.22 0.00	27.84 0.20 0.00	26.56 0.13 0.00	30.68 0.11 0.00	50.27 0.18 0.00	98.43 0.46 0.00	73.50 0.34 0.00	46.29 0.24 0.00	40.93 0.45 0.00	43.13 0.61 0.00

ST_LAW_115_BK8_LBMP 345038	46.48 0.89 0.00	43.73 0.68 0.00	40.69 0.54 0.00	44.35 0.58 0.00	44.76 0.75 0.00	48.65 0.72 0.00	80.54 1.13 0.00	215.15 1.88 0.00	56.26 0.61 0.00	35.15 0.41 0.00	36.76 0.35 0.00	34.91 0.30 0.00	32.11 0.30 0.00	28.72 0.28 0.00	27.36 0.22 0.00	27.84 0.20 0.00	26.56 0.13 0.00	30.68 0.11 0.00	50.27 0.18 0.00	98.43 0.46 0.00	73.50 0.34 0.00	46.29 0.24 0.00	40.93 0.45 0.00	43.13 0.61 0.00
ST_LAW_230_BK5_LBMP 345035	46.42 0.83 0.00	43.69 0.64 0.00	40.66 0.51 0.00	44.32 0.55 0.00	44.72 0.70 0.00	48.59 0.66 0.00	80.46 1.05 0.00	215.02 1.75 0.00	56.23 0.58 0.00	35.13 0.39 0.00	36.75 0.34 0.00	34.91 0.29 0.00	32.11 0.30 0.00	28.72 0.27 0.00	27.36 0.22 0.00	27.84 0.20 0.00	26.56 0.13 0.00	30.68 0.11 0.00	50.26 0.17 0.00	98.39 0.41 0.00	73.48 0.33 0.00	46.29 0.24 0.00	40.90 0.42 0.00	43.09 0.57 0.00
ST_LAW_230_BK6_LBMP 345036	46.42 0.83 0.00	43.69 0.64 0.00	40.66 0.51 0.00	44.32 0.55 0.00	44.72 0.70 0.00	48.59 0.66 0.00	80.46 1.05 0.00	215.02 1.75 0.00	56.23 0.58 0.00	35.13 0.39 0.00	36.75 0.34 0.00	34.91 0.29 0.00	32.11 0.30 0.00	28.72 0.27 0.00	27.36 0.22 0.00	27.84 0.20 0.00	26.56 0.13 0.00	30.68 0.11 0.00	50.26 0.17 0.00	98.39 0.41 0.00	73.48 0.33 0.00	46.29 0.24 0.00	40.90 0.42 0.00	43.09 0.57 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	46.07 0.48 0.00	43.50 0.45 0.00	40.66 0.51 0.00	44.42 0.65 0.00	44.62 0.60 0.00	48.84 0.91 0.00	81.11 1.70 0.00	219.93 6.65 0.00	57.19 1.54 0.00	35.68 0.93 0.00	37.43 1.02 0.00	35.51 0.89 0.00	32.55 0.73 0.00	29.08 0.63 0.00	27.80 0.66 0.00	28.33 0.69 0.00	26.36 0.80 0.87	31.52 0.95 0.00	51.45 1.37 0.00	100.66 2.69 0.00	75.37 2.22 0.00	47.54 1.49 0.00	41.70 1.22 0.00	43.42 0.90 0.00
SWANROAD_115KV_TB1 355699	43.50 -2.09 0.00	41.35 -1.70 0.00	37.99 -2.15 0.00	41.15 -2.61 0.00	41.49 -2.53 0.00	44.82 -3.11 0.00	74.55 -4.87 0.00	194.65 -18.62 0.00	50.90 -4.75 0.00	32.43 -2.31 0.00	34.02 -2.39 0.00	32.49 -2.12 0.00	30.02 -1.79 0.00	26.71 -1.73 0.00	25.36 -1.79 0.00	25.78 -1.86 0.00	24.05 -2.38 0.00	27.32 -3.25 0.00	45.29 -4.80 0.00	89.18 -8.79 0.00	66.20 -6.96 0.00	41.13 -4.92 0.00	36.21 -4.27 0.00	38.80 -3.72 0.00
SYNERGY___BIOGAS 323694	45.56 -0.04 0.00	43.19 0.15 0.00	39.81 -0.34 0.00	43.15 -0.61 0.00	43.47 -0.55 0.00	47.12 -0.81 0.00	78.73 -0.69 0.00	207.86 -5.41 0.00	53.94 -1.71 0.00	33.81 -0.93 0.00	35.23 -1.19 0.00	33.51 -1.11 0.00	30.89 -0.92 0.00	27.50 -0.95 0.00	26.10 -1.04 0.00	26.57 -1.07 0.00	24.92 -1.52 0.00	28.56 -2.01 0.00	47.77 -2.32 0.00	94.62 -3.36 0.00	70.30 -2.86 0.00	43.65 -2.40 0.00	38.25 -2.23 0.00	40.76 -1.76 0.00
SYRACUSE___ENERGY_ST1 323597	45.12 -0.47 0.00	42.64 -0.40 0.00	39.75 -0.40 0.00	43.31 -0.46 0.00	43.49 -0.53 0.00	47.17 -0.76 0.00	78.41 -1.01 0.00	210.61 -2.67 0.00	54.71 -0.93 0.00	34.12 -0.62 0.00	35.76 -0.65 0.00	34.08 -0.53 0.00	31.35 -0.46 0.00	28.02 -0.42 0.00	26.71 -0.44 0.00	27.18 -0.46 0.00	25.91 -0.53 0.00	29.94 -0.63 0.00	49.31 -0.78 0.00	96.70 -1.27 0.00	72.08 -1.07 0.00	45.19 -0.86 0.00	39.61 -0.87 0.00	41.65 -0.86 0.00
SYRACUSE___ENERGY_ST2 323598	45.12 -0.47 0.00	42.64 -0.40 0.00	39.75 -0.40 0.00	43.31 -0.46 0.00	43.49 -0.53 0.00	47.17 -0.76 0.00	78.41 -1.01 0.00	210.61 -2.67 0.00	54.71 -0.93 0.00	34.12 -0.62 0.00	35.76 -0.65 0.00	34.08 -0.53 0.00	31.35 -0.46 0.00	28.02 -0.42 0.00	26.71 -0.44 0.00	27.18 -0.46 0.00	25.91 -0.53 0.00	29.94 -0.63 0.00	49.31 -0.78 0.00	96.70 -1.27 0.00	72.08 -1.07 0.00	45.19 -0.86 0.00	39.61 -0.87 0.00	41.65 -0.86 0.00
SYRACUSE___POWER 24017	45.17 -0.42 0.00	42.68 -0.36 0.00	39.78 -0.36 0.00	43.33 -0.44 0.00	43.50 -0.51 0.00	47.20 -0.73 0.00	78.51 -0.90 0.00	211.03 -2.24 0.00	54.78 -0.87 0.00	34.14 -0.60 0.00	35.77 -0.64 0.00	34.10 -0.51 0.00	31.38 -0.43 0.00	28.04 -0.41 0.00	26.73 -0.41 0.00	27.20 -0.44 0.00	25.92 -0.52 0.00	29.94 -0.63 0.00	49.31 -0.78 0.00	96.71 -1.26 0.00	72.08 -1.07 0.00	45.18 -0.87 0.00	39.60 -0.88 0.00	41.65 -0.86 0.00
TALLMAN___138KV_BK151 55660	46.12 0.53 0.00	43.55 0.51 0.00	40.70 0.56 0.00	44.49 0.72 0.00	44.70 0.69 0.00	48.97 1.04 0.00	81.36 1.94 0.00	220.86 7.59 0.00	57.40 1.76 0.00	35.82 1.07 0.00	37.62 1.21 0.00	35.69 1.07 0.00	32.70 0.88 0.00	29.21 0.76 0.00	27.95 0.81 0.00	28.46 0.82 0.00	27.03 0.92 0.33	31.63 1.06 0.00	51.59 1.50 0.00	100.90 2.93 0.00	75.58 2.43 0.00	47.69 1.64 0.00	41.83 1.35 0.00	43.50 0.98 0.00
TEALLAVE_115KV_TB7 355573	44.95 -0.65 0.00	42.47 -0.58 0.00	39.59 -0.56 0.00	43.11 -0.66 0.00	43.27 -0.74 0.00	46.93 -1.01 0.00	78.04 -1.38 0.00	209.67 -3.60 0.00	54.46 -1.19 0.00	33.98 -0.75 0.00	35.62 -0.79 0.00	33.97 -0.65 0.00	31.26 -0.55 0.00	27.94 -0.50 0.00	26.63 -0.51 0.00	27.11 -0.53 0.00	25.81 -0.62 0.00	29.80 -0.76 0.00	49.02 -1.07 0.00	96.07 -1.90 0.00	71.63 -1.52 0.00	44.89 -1.16 0.00	39.36 -1.12 0.00	41.44 -1.07 0.00
TELGRAPH_34_KV_EAST 80808	44.56 -1.03 0.00	42.30 -0.74 0.00	38.95 -1.20 0.00	42.20 -1.58 0.00	42.52 -1.50 0.00	45.99 -1.94 0.00	76.67 -2.74 0.00	201.61 -11.66 0.00	52.51 -3.13 0.00	33.19 -1.55 0.00	34.73 -1.68 0.00	33.11 -1.51 0.00	30.55 -1.27 0.00	27.20 -1.24 0.00	25.81 -1.34 0.00	26.26 -1.38 0.00	24.57 -1.86 0.00	28.04 -2.53 0.00	46.67 -3.42 0.00	92.10 -5.87 0.00	68.40 -4.76 0.00	42.47 -3.58 0.00	37.30 -3.18 0.00	39.81 -2.71 0.00
TEMPLE___115KV_TB 2 55572	44.98 -0.62 0.00	42.48 -0.56 0.00	39.60 -0.54 0.00	43.13 -0.64 0.00	43.30 -0.72 0.00	46.93 -1.00 0.00	78.05 -1.37 0.00	209.76 -3.51 0.00	54.48 -1.17 0.00	33.99 -0.75 0.00	35.64 -0.77 0.00	33.99 -0.63 0.00	31.28 -0.53 0.00	27.95 -0.49 0.00	26.65 -0.49 0.00	27.13 -0.51 0.00	25.83 -0.61 0.00	29.81 -0.76 0.00	49.04 -1.05 0.00	96.13 -1.85 0.00	71.64 -1.51 0.00	44.92 -1.13 0.00	39.37 -1.10 0.00	41.46 -1.06 0.00
TIANA____69_KV_BK 1 55817	45.53 -0.07 0.00	42.27 -0.77 0.00	39.98 -0.17 0.00	43.70 -0.06 0.00	43.73 -0.28 0.00	48.22 0.29 0.00	78.68 -0.73 0.00	211.21 1.94 4.00	55.76 0.12 0.00	36.24 1.50 0.00	38.45 2.04 0.00	36.06 1.45 0.00	33.12 1.30 0.00	29.56 1.11 0.00	28.51 1.37 0.00	28.98 1.34 0.00	28.99 1.72 -0.84	31.38 0.82 0.00	50.36 0.27 0.00	98.98 1.01 0.00	74.45 1.30 0.00	47.83 1.79 0.00	42.03 1.55 0.00	43.81 1.29 0.00
TILDEN___115KV_TB1 80814	45.17 -0.42 0.00	42.68 -0.36 0.00	39.78 -0.36 0.00	43.33 -0.44 0.00	43.50 -0.51 0.00	47.20 -0.73 0.00	78.51 -0.90 0.00	211.03 -2.24 0.00	54.78 -0.87 0.00	34.14 -0.60 0.00	35.77 -0.64 0.00	34.10 -0.51 0.00	31.38 -0.43 0.00	28.04 -0.41 0.00	26.73 -0.41 0.00	27.20 -0.44 0.00	25.92 -0.52 0.00	29.94 -0.63 0.00	49.31 -0.78 0.00	96.71 -1.26 0.00	72.08 -1.07 0.00	45.18 -0.87 0.00	39.60 -0.88 0.00	41.65 -0.86 0.00

TRIGEN___CC 323695	46.52 0.92 0.00	43.79 0.74 0.00	41.01 0.86 0.00	44.76 0.98 0.00	44.89 0.88 0.00	49.28 1.35 0.00	81.24 1.82 0.00	220.29 7.38 0.36	57.50 1.85 0.00	36.37 1.63 0.00	38.34 1.93 0.00	36.25 1.63 0.00	33.23 1.42 0.00	29.68 1.23 0.00	28.43 1.29 0.00	28.96 1.32 0.00	28.79 1.52 -0.84	32.08 1.51 0.00	52.02 1.94 0.00	101.66 3.69 0.00	76.19 3.04 0.00	48.31 2.26 0.00	42.39 1.91 0.00	44.17 1.65 0.00
TRINITY___115KV___4 BK 55933	45.53 -0.06 0.00	43.09 0.04 0.00	40.27 0.12 0.00	43.89 0.12 0.00	44.14 0.12 0.00	48.37 0.44 0.00	79.82 0.41 0.00	215.38 2.11 0.00	56.38 0.73 0.00	35.13 0.39 0.00	36.83 0.41 0.00	34.96 0.34 0.00	32.15 0.34 0.00	28.77 0.33 0.00	27.51 0.36 0.00	28.05 0.41 0.00	27.00 0.57 0.00	31.29 0.73 0.00	51.05 0.96 0.00	99.48 1.50 0.00	74.26 1.11 0.00	46.94 0.89 0.00	41.31 0.83 0.00	43.45 0.93 0.00
UNION___PROCESSING_DRP 323587	44.83 -0.76 0.00	42.45 -0.59 0.00	39.31 -0.84 0.00	42.67 -1.10 0.00	42.89 -1.12 0.00	46.43 -1.50 0.00	77.37 -2.05 0.00	205.95 -7.32 0.00	53.53 -2.12 0.00	33.61 -1.13 0.00	35.21 -1.20 0.00	33.57 -1.05 0.00	30.96 -0.85 0.00	27.61 -0.84 0.00	26.24 -0.91 0.00	26.70 -0.94 0.00	25.21 -1.22 0.00	28.93 -1.64 0.00	47.91 -2.18 0.00	94.19 -3.78 0.00	70.07 -3.08 0.00	43.68 -2.36 0.00	38.30 -2.18 0.00	40.61 -1.91 0.00
UPPER HUDSON___HYD 24058	46.77 1.18 0.00	44.14 1.09 0.00	41.18 1.03 0.00	44.98 1.21 0.00	45.24 1.22 0.00	49.76 1.83 0.00	82.38 2.96 0.00	222.50 9.23 0.00	58.08 2.43 0.00	35.74 1.00 0.00	37.27 0.86 0.00	35.14 0.53 0.00	32.24 0.43 0.00	28.84 0.40 0.00	27.54 0.40 0.00	28.12 0.48 0.00	27.21 0.77 0.00	31.64 1.07 0.00	52.02 1.93 0.00	101.93 3.96 0.00	76.16 3.01 0.00	47.98 1.93 0.00	41.92 1.44 0.00	44.08 1.56 0.00
UPPER RAQUET___HYD 24056	46.56 0.96 0.00	43.80 0.75 0.00	40.76 0.61 0.00	44.42 0.65 0.00	44.93 0.92 0.00	48.90 0.97 0.00	81.20 1.79 0.00	216.81 3.54 0.00	56.39 0.75 0.00	34.92 0.18 0.00	36.35 -0.06 0.00	34.44 -0.18 0.00	31.62 -0.19 0.00	28.28 -0.17 0.00	26.93 -0.21 0.00	27.40 -0.24 0.00	26.12 -0.31 0.00	30.35 -0.22 0.00	50.06 -0.03 0.00	98.45 0.47 0.00	73.44 0.29 0.00	46.12 0.07 0.00	40.74 0.26 0.00	42.93 0.41 0.00
VALLEY44_115KV_TB2 355964	45.54 -0.05 0.00	43.04 0.00 0.00	39.84 -0.30 0.00	43.46 -0.31 0.00	43.64 -0.38 0.00	47.04 -0.89 0.00	78.45 -0.97 0.00	209.05 -4.22 0.00	53.90 -1.75 0.00	33.78 -0.96 0.00	35.67 -0.74 0.00	34.17 -0.44 0.00	31.74 -0.07 0.00	28.47 0.02 0.00	27.12 -0.02 0.00	27.45 -0.18 0.00	25.85 -0.58 0.00	29.47 -1.10 0.00	48.52 -1.57 0.00	96.16 -1.81 0.00	71.17 -1.98 0.00	44.00 -2.05 0.00	38.82 -1.66 0.00	41.28 -1.24 0.00
VALLEY___115KV_TB 1-4 80826	45.15 -0.44 0.00	42.60 -0.44 0.00	39.60 -0.55 0.00	43.22 -0.55 0.00	43.47 -0.55 0.00	47.70 -0.23 0.00	79.06 -0.36 0.00	213.82 0.55 0.00	55.28 -0.37 0.00	33.83 -0.91 0.00	35.25 -1.16 0.00	33.43 -1.19 0.00	30.67 -1.14 0.00	27.44 -1.00 0.00	26.20 -0.94 0.00	26.66 -0.97 0.00	25.72 -0.71 0.00	30.25 -0.32 0.00	50.41 0.32 0.00	98.90 0.92 0.00	73.63 0.48 0.00	46.32 0.27 0.00	40.62 0.14 0.00	42.57 0.05 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	47.44 1.85 0.00	44.80 1.75 0.00	41.86 1.71 0.00	45.70 1.93 0.00	45.97 1.95 0.00	50.21 2.28 0.00	83.55 4.14 0.00	224.89 11.62 0.00	58.29 2.64 0.00	36.39 1.65 0.00	38.15 1.73 0.00	36.23 1.62 0.00	33.15 1.34 0.00	29.58 1.14 0.00	28.19 1.04 0.00	28.66 1.02 0.00	27.49 1.05 0.00	31.86 1.29 0.00	52.28 2.19 0.00	102.02 4.04 0.00	76.14 2.99 0.00	47.86 1.81 0.00	41.98 1.50 0.00	43.97 1.45 0.00
VISCHER___FERRY HYD 24020	46.01 0.42 0.00	43.51 0.47 0.00	40.69 0.54 0.00	44.36 0.59 0.00	44.59 0.58 0.00	48.85 0.92 0.00	80.62 1.20 0.00	217.37 4.10 0.00	56.95 1.30 0.00	35.38 0.64 0.00	37.07 0.66 0.00	35.15 0.53 0.00	32.29 0.47 0.00	28.88 0.43 0.00	27.61 0.47 0.00	28.16 0.53 0.00	27.13 0.70 0.00	31.50 0.93 0.00	51.50 1.41 0.00	100.49 2.52 0.00	75.12 1.97 0.00	47.46 1.41 0.00	41.65 1.17 0.00	43.72 1.20 0.00
V_A_10_SYNC_DSASP 323832	44.11 -1.48 0.00	41.84 -1.20 0.00	38.62 -1.52 0.00	41.86 -1.91 0.00	42.06 -1.95 0.00	45.43 -2.50 0.00	75.57 -3.85 0.00	199.88 -13.39 0.00	52.09 -3.56 0.00	32.99 -1.75 0.00	34.66 -1.76 0.00	33.07 -1.55 0.00	30.57 -1.24 0.00	27.24 -1.21 0.00	25.87 -1.27 0.00	26.32 -1.32 0.00	24.69 -1.74 0.00	28.17 -2.40 0.00	46.60 -3.49 0.00	91.61 -6.36 0.00	68.06 -5.09 0.00	42.36 -3.69 0.00	37.19 -3.29 0.00	39.67 -2.85 0.00
V_CMM_10_SYNC_DSASP 323787	46.73 1.14 0.00	43.96 0.91 0.00	40.90 0.75 0.00	44.58 0.81 0.00	45.00 0.98 0.00	48.92 0.99 0.00	80.96 1.54 0.00	216.26 2.99 0.00	56.54 0.89 0.00	35.33 0.58 0.00	36.95 0.53 0.00	35.09 0.47 0.00	32.27 0.46 0.00	28.86 0.42 0.00	27.50 0.35 0.00	27.98 0.34 0.00	26.70 0.26 0.00	30.83 0.26 0.00	50.52 0.43 0.00	98.92 0.95 0.00	73.85 0.70 0.00	46.51 0.47 0.00	41.12 0.64 0.00	43.34 0.82 0.00
V_CMP_10_SYNC_DSASP 323788	47.94 2.35 0.00	45.24 2.19 0.00	42.47 2.32 0.00	46.28 2.51 0.00	46.73 2.72 0.00	50.48 2.56 0.00	82.96 3.54 0.00	224.37 11.10 0.00	58.74 3.09 0.00	36.38 1.64 0.00	38.14 1.73 0.00	36.02 1.41 0.00	33.13 1.31 0.00	29.74 1.30 0.00	28.29 1.15 0.00	28.83 1.19 0.00	27.46 1.03 0.00	31.83 1.26 0.00	51.92 1.83 0.00	101.68 3.71 0.00	76.25 3.10 0.00	48.51 2.46 0.00	42.59 2.11 0.00	44.77 2.25 0.00
V_D_10_SYNC_DSASP 323841	46.95 1.35 0.00	44.16 1.11 0.00	41.08 0.94 0.00	44.77 1.00 0.00	45.20 1.19 0.00	49.16 1.23 0.00	81.42 2.01 0.00	217.43 4.16 0.00	56.77 1.13 0.00	35.41 0.67 0.00	37.01 0.60 0.00	35.13 0.52 0.00	32.31 0.49 0.00	28.89 0.45 0.00	27.53 0.39 0.00	28.01 0.37 0.00	26.72 0.28 0.00	30.88 0.32 0.00	50.68 0.59 0.00	99.34 1.37 0.00	74.16 1.01 0.00	46.67 0.62 0.00	41.26 0.78 0.00	43.50 0.98 0.00
V_E_10_SYNC_DSASP 323830	48.16 2.56 0.00	45.41 2.37 0.00	42.62 2.47 0.00	46.77 3.00 0.00	46.93 2.92 0.00	51.22 3.29 0.00	86.33 6.92 0.00	234.64 21.36 0.00	60.13 4.48 0.00	36.88 2.14 0.00	38.23 1.82 0.00	36.63 2.02 0.00	33.59 1.77 0.00	29.64 1.19 0.00	28.31 1.17 0.00	28.81 1.18 0.00	27.48 1.04 0.00	32.11 1.55 0.00	53.81 3.72 0.00	105.94 7.97 0.00	78.53 5.38 0.00	48.55 2.50 0.00	41.99 1.51 0.00	43.99 1.47 0.00
V_F_30_NSYNC___DSASP 323816	47.02 1.43 0.00	44.37 1.33 0.00	41.47 1.32 0.00	45.24 1.47 0.00	45.50 1.48 0.00	49.91 1.98 0.00	82.62 3.20 0.00	222.78 9.51 0.00	58.11 2.46 0.00	35.90 1.15 0.00	37.51 1.09 0.00	35.48 0.86 0.00	32.57 0.75 0.00	29.12 0.68 0.00	27.82 0.68 0.00	28.39 0.76 0.00	27.42 0.99 0.00	31.91 1.35 0.00	52.42 2.33 0.00	102.55 4.58 0.00	76.59 3.44 0.00	48.20 2.15 0.00	42.20 1.72 0.00	44.37 1.86 0.00

V_F_30_SYNC_DSASP 323786	45.76 0.17 0.00	43.29 0.25 0.00	40.43 0.28 0.00	44.09 0.32 0.00	44.34 0.33 0.00	48.57 0.64 0.00	80.24 0.83 0.00	216.44 3.17 0.00	56.61 0.97 0.00	35.28 0.54 0.00	36.97 0.55 0.00	35.09 0.47 0.00	32.26 0.45 0.00	28.87 0.43 0.00	27.59 0.45 0.00	28.14 0.50 0.00	27.09 0.66 0.00	31.43 0.86 0.00	51.30 1.20 0.00	99.98 2.01 0.00	74.60 1.45 0.00	47.13 1.09 0.00	41.47 1.00 0.00	43.61 1.09 0.00
V_XM_10_SYNC_DSASP 323789	47.94 2.35 0.00	45.24 2.19 0.00	42.47 2.32 0.00	46.28 2.51 0.00	46.73 2.72 0.00	50.48 2.56 0.00	82.96 3.54 0.00	224.37 11.10 0.00	58.74 3.09 0.00	36.38 1.64 0.00	38.14 1.73 0.00	36.02 1.41 0.00	33.13 1.31 0.00	29.74 1.30 0.00	28.29 1.15 0.00	28.83 1.19 0.00	27.46 1.03 0.00	31.83 1.26 0.00	51.92 1.83 0.00	101.68 3.71 0.00	76.25 3.10 0.00	48.51 2.46 0.00	42.59 2.11 0.00	44.77 2.25 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	46.30 0.71 0.00	43.71 0.67 0.00	40.86 0.71 0.00	44.65 0.88 0.00	44.87 0.86 0.00	49.36 1.43 0.00	82.10 2.68 0.00	222.99 9.72 0.00	57.93 2.29 0.00	36.13 1.39 0.00	37.95 1.54 0.00	36.00 1.38 0.00	32.98 1.17 0.00	29.46 1.01 0.00	28.18 1.04 0.00	28.71 1.07 0.00	28.08 1.17 -0.48	31.82 1.25 0.00	51.80 1.71 0.00	101.33 3.36 0.00	75.91 2.76 0.00	47.89 1.84 0.00	41.99 1.52 0.00	43.68 1.16 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	46.66 1.06 0.00	44.01 0.97 0.00	41.14 1.00 0.00	44.94 1.17 0.00	45.15 1.13 0.00	49.48 1.55 0.00	82.10 2.68 0.00	223.09 9.82 0.00	58.05 2.41 0.00	36.42 1.68 0.00	38.36 1.95 0.00	36.37 1.76 0.00	33.34 1.53 0.00	29.76 1.32 0.00	28.46 1.32 0.00	28.98 1.34 0.00	28.72 1.46 -0.83	32.20 1.63 0.00	52.29 2.20 0.00	102.20 4.23 0.00	76.46 3.31 0.00	48.28 2.23 0.00	42.37 1.89 0.00	44.10 1.58 0.00
W50THST__13_KV_LOAD 356117	46.90 1.31 0.00	44.21 1.17 0.00	41.33 1.18 0.00	45.14 1.37 0.00	45.35 1.33 0.00	49.74 1.81 0.00	82.60 3.18 0.00	224.59 11.32 0.00	58.48 2.83 0.00	36.71 1.97 0.00	38.65 2.24 0.00	36.67 2.05 0.00	33.60 1.79 0.00	29.99 1.55 0.00	28.68 1.53 0.00	29.20 1.56 0.00	28.92 1.66 -0.83	32.41 1.84 0.00	52.58 2.49 0.00	102.69 4.72 0.00	76.82 3.67 0.00	48.50 2.46 0.00	42.57 2.09 0.00	44.32 1.80 0.00
WADING RIVER_IC_1 23522	45.30 -0.30 0.00	42.02 -1.02 0.00	39.81 -0.33 0.00	43.50 -0.27 0.00	43.55 -0.47 0.00	47.99 0.06 0.00	78.12 -1.29 0.00	209.33 0.05 4.00	55.38 -0.27 0.00	36.17 1.42 0.00	38.45 2.04 0.00	36.09 1.48 0.00	33.12 1.31 0.00	29.58 1.13 0.00	28.49 1.35 0.00	28.98 1.34 0.00	28.96 1.69 -0.84	31.27 0.70 0.00	50.08 -0.01 0.00	98.31 0.34 0.00	73.87 0.72 0.00	47.58 1.53 0.00	41.85 1.38 0.00	43.57 1.05 0.00
WADING RIVER_IC_2 23547	45.30 -0.30 0.00	42.02 -1.02 0.00	39.81 -0.33 0.00	43.50 -0.27 0.00	43.55 -0.47 0.00	47.99 0.06 0.00	78.12 -1.29 0.00	209.33 0.05 4.00	55.38 -0.27 0.00	36.17 1.42 0.00	38.45 2.04 0.00	36.09 1.48 0.00	33.12 1.31 0.00	29.58 1.13 0.00	28.49 1.35 0.00	28.98 1.34 0.00	28.96 1.69 -0.84	31.27 0.70 0.00	50.08 -0.01 0.00	98.31 0.34 0.00	73.87 0.72 0.00	47.58 1.53 0.00	41.85 1.38 0.00	43.57 1.05 0.00
WADING RIVER_IC_3 23601	45.30 -0.30 0.00	42.02 -1.02 0.00	39.81 -0.33 0.00	43.50 -0.27 0.00	43.55 -0.47 0.00	47.99 0.06 0.00	78.12 -1.29 0.00	209.33 0.05 4.00	55.38 -0.27 0.00	36.17 1.42 0.00	38.45 2.04 0.00	36.09 1.48 0.00	33.12 1.31 0.00	29.58 1.13 0.00	28.49 1.35 0.00	28.98 1.34 0.00	28.96 1.69 -0.84	31.27 0.70 0.00	50.08 -0.01 0.00	98.31 0.34 0.00	73.87 0.72 0.00	47.58 1.53 0.00	41.85 1.38 0.00	43.57 1.05 0.00
WALDENNY_12_KV_BK2 80841	45.07 -0.52 0.00	42.71 -0.33 0.00	39.33 -0.82 0.00	42.61 -1.16 0.00	42.84 -1.18 0.00	46.29 -1.64 0.00	77.20 -2.21 0.00	203.44 -9.83 0.00	53.00 -2.65 0.00	33.67 -1.07 0.00	35.33 -1.08 0.00	33.74 -0.88 0.00	31.18 -0.63 0.00	27.71 -0.74 0.00	26.27 -0.87 0.00	26.69 -0.94 0.00	24.96 -1.48 0.00	28.45 -2.12 0.00	47.28 -2.81 0.00	93.08 -4.90 0.00	69.04 -4.11 0.00	42.82 -3.22 0.00	37.57 -2.90 0.00	40.03 -2.49 0.00
WALDEN__HYDRO 24148	46.33 0.74 0.00	43.75 0.70 0.00	40.89 0.74 0.00	44.65 0.88 0.00	44.87 0.85 0.00	49.13 1.20 0.00	81.62 2.21 0.00	221.46 8.19 0.00	57.58 1.93 0.00	35.89 1.15 0.00	37.63 1.22 0.00	35.68 1.06 0.00	32.69 0.88 0.00	29.20 0.76 0.00	27.93 0.79 0.00	28.46 0.82 0.00	27.04 0.94 0.34	31.71 1.14 0.00	51.82 1.74 0.00	101.44 3.47 0.00	75.95 2.80 0.00	47.90 1.86 0.00	42.00 1.52 0.00	43.73 1.21 0.00
WARRENSBURG____ 23737	46.77 1.18 0.00	44.14 1.09 0.00	41.18 1.04 0.00	44.98 1.21 0.00	45.24 1.23 0.00	49.76 1.83 0.00	82.38 2.96 0.00	222.51 9.23 0.00	58.08 2.43 0.00	35.74 1.00 0.00	37.28 0.86 0.00	35.14 0.52 0.00	32.24 0.43 0.00	28.84 0.40 0.00	27.54 0.40 0.00	28.13 0.49 0.00	27.21 0.77 0.00	31.63 1.07 0.00	52.02 1.94 0.00	101.93 3.96 0.00	76.16 3.00 0.00	47.98 1.93 0.00	41.92 1.44 0.00	44.08 1.56 0.00
WATERSIDE____6 8 9 23538	46.20 1.16 0.55	43.19 1.11 0.97	39.70 1.12 1.56	44.27 1.29 0.79	44.52 1.26 0.75	49.11 1.66 0.47	81.81 2.74 0.35	223.48 10.21 0.00	50.62 2.55 7.58	33.73 1.76 2.77	42.15 2.00 -3.73	36.01 1.81 0.42	30.22 1.59 3.19	25.99 1.37 3.83	24.43 1.38 4.09	25.06 1.40 3.99	24.60 1.54 3.37	28.17 1.74 4.14	50.52 2.39 1.96	102.59 4.61 0.00	88.18 3.61 -11.42	78.32 2.42 -29.86	40.00 2.05 2.53	42.33 1.72 1.92
WATKINRD_115KV_LN8_ILLION 55919	45.30 -0.30 0.00	42.76 -0.28 0.00	39.80 -0.34 0.00	43.44 -0.33 0.00	43.67 -0.34 0.00	47.84 -0.09 0.00	79.26 -0.15 0.00	213.97 0.70 0.00	55.47 -0.17 0.00	34.16 -0.58 0.00	35.67 -0.74 0.00	33.85 -0.77 0.00	31.06 -0.75 0.00	27.78 -0.66 0.00	26.52 -0.62 0.00	27.00 -0.64 0.00	25.99 -0.44 0.00	30.42 -0.14 0.00	50.41 0.32 0.00	98.76 0.79 0.00	73.60 0.45 0.00	46.32 0.27 0.00	40.63 0.15 0.00	42.57 0.06 0.00
WATSON____69_KV_BK 1 55734	46.85 1.26 0.00	43.92 0.88 0.00	41.25 1.10 0.00	45.01 1.25 0.00	45.08 1.06 0.00	49.64 1.71 0.00	81.34 1.93 0.00	217.80 8.40 3.87	57.71 2.06 0.00	36.84 2.10 0.00	38.82 2.41 0.00	36.54 1.93 0.00	33.49 1.67 0.00	29.90 1.45 0.00	28.70 1.55 0.00	29.25 1.61 0.00	29.17 1.90 -0.84	32.36 1.79 0.00	52.37 2.28 0.00	102.18 4.21 0.00	76.79 3.64 0.00	48.89 2.84 0.00	42.88 2.40 0.00	44.60 2.08 0.00
WDELAWARE__HYD 323627	46.50 0.90 0.00	43.90 0.85 0.00	41.02 0.87 0.00	44.79 1.02 0.00	45.04 1.03 0.00	49.30 1.37 0.00	82.05 2.64 0.00	222.34 9.07 0.00	57.71 2.07 0.00	35.87 1.13 0.00	37.54 1.13 0.00	35.53 0.91 0.00	32.54 0.73 0.00	29.05 0.61 0.00	27.78 0.64 0.00	28.32 0.68 0.00	27.26 0.83 0.00	31.68 1.11 0.00	51.94 1.85 0.00	101.88 3.90 0.00	76.16 3.01 0.00	47.98 1.94 0.00	42.03 1.55 0.00	43.73 1.22 0.00

WEST BABYLON___IC 23714	46.85 1.26 0.00	43.98 0.93 0.00	41.27 1.12 0.00	45.02 1.25 0.00	45.08 1.07 0.00	49.60 1.68 0.00	81.47 2.06 0.00	218.26 8.62 3.64	57.79 2.14 0.00	36.76 2.02 0.00	38.73 2.32 0.00	36.49 1.87 0.00	33.44 1.63 0.00	29.85 1.40 0.00	28.65 1.51 0.00	29.18 1.54 0.00	29.09 1.82 -0.84	32.33 1.76 0.00	52.39 2.30 0.00	102.25 4.28 0.00	76.79 3.63 0.00	48.82 2.77 0.00	42.82 2.34 0.00	44.56 2.05 0.00
WEST CANADA___HYD 24049	45.50 -0.09 0.00	42.99 -0.06 0.00	40.11 -0.04 0.00	43.73 -0.03 0.00	43.97 -0.04 0.00	47.97 0.04 0.00	79.50 0.08 0.00	213.91 0.64 0.00	55.75 0.10 0.00	34.74 0.00 0.00	36.41 -0.01 0.00	34.58 -0.03 0.00	31.74 -0.07 0.00	28.39 -0.06 0.00	27.11 -0.04 0.00	27.61 -0.03 0.00	26.46 0.03 0.00	30.68 0.11 0.00	50.29 0.20 0.00	98.35 0.37 0.00	73.38 0.23 0.00	46.18 0.14 0.00	40.54 0.06 0.00	42.52 0.00 0.00
WESTERN_NY_WIND 24143	45.51 -0.08 0.00	43.14 0.09 0.00	39.76 -0.39 0.00	43.08 -0.68 0.00	43.41 -0.60 0.00	47.05 -0.88 0.00	78.60 -0.82 0.00	207.57 -5.70 0.00	53.85 -1.79 0.00	33.77 -0.97 0.00	35.18 -1.23 0.00	33.48 -1.14 0.00	30.86 -0.95 0.00	27.47 -0.98 0.00	26.07 -1.07 0.00	26.53 -1.11 0.00	24.88 -1.55 0.00	28.52 -2.05 0.00	47.70 -2.39 0.00	94.46 -3.51 0.00	70.18 -2.98 0.00	43.57 -2.48 0.00	38.20 -2.28 0.00	40.68 -1.84 0.00
WESTOVER___LESR 323668	45.32 -0.27 0.00	42.78 -0.27 0.00	39.87 -0.27 0.00	43.50 -0.27 0.00	43.66 -0.36 0.00	47.48 -0.45 0.00	79.05 -0.36 0.00	212.51 -0.76 0.00	55.02 -0.63 0.00	34.37 -0.38 0.00	36.07 -0.34 0.00	34.38 -0.23 0.00	31.61 -0.20 0.00	28.24 -0.21 0.00	26.93 -0.21 0.00	27.37 -0.27 0.00	26.07 -0.37 0.00	30.09 -0.48 0.00	49.67 -0.42 0.00	97.42 -0.56 0.00	72.56 -0.59 0.00	45.34 -0.70 0.00	39.81 -0.67 0.00	41.76 -0.76 0.00
WETHRSFD_WT_PWR 323626	44.28 -1.31 0.00	42.12 -0.93 0.00	38.91 -1.24 0.00	42.09 -1.68 0.00	42.23 -1.78 0.00	45.70 -2.23 0.00	76.23 -3.19 0.00	201.61 -11.66 0.00	51.92 -3.72 0.00	32.17 -2.57 0.00	33.71 -2.70 0.00	32.23 -2.39 0.00	29.72 -2.09 0.00	26.34 -2.11 0.00	24.96 -2.18 0.00	25.42 -2.22 0.00	23.93 -2.50 0.00	27.84 -2.73 0.00	47.00 -3.09 0.00	92.77 -5.20 0.00	68.68 -4.47 0.00	42.30 -3.75 0.00	36.64 -3.84 0.00	38.71 -3.81 0.00
WHAVSTOR_138KV_BK127 55557	46.14 0.54 0.00	43.56 0.51 0.00	40.70 0.56 0.00	44.49 0.72 0.00	44.69 0.68 0.00	48.95 1.02 0.00	81.28 1.86 0.00	220.65 7.38 0.00	57.36 1.71 0.00	35.82 1.08 0.00	37.63 1.22 0.00	35.69 1.08 0.00	32.71 0.89 0.00	29.22 0.78 0.00	27.95 0.81 0.00	28.46 0.83 0.00	28.51 0.93 -1.14	31.65 1.08 0.00	51.59 1.51 0.00	100.90 2.93 0.00	75.57 2.42 0.00	47.69 1.65 0.00	41.83 1.35 0.00	43.52 1.01 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	46.14 0.54 0.00	43.56 0.51 0.00	40.70 0.56 0.00	44.49 0.72 0.00	44.69 0.68 0.00	48.95 1.02 0.00	81.28 1.86 0.00	220.65 7.38 0.00	57.36 1.71 0.00	35.82 1.08 0.00	37.63 1.22 0.00	35.69 1.08 0.00	32.71 0.89 0.00	29.22 0.78 0.00	27.95 0.81 0.00	28.46 0.83 0.00	28.51 0.93 -1.14	31.65 1.08 0.00	51.59 1.51 0.00	100.90 2.93 0.00	75.57 2.42 0.00	47.69 1.65 0.00	41.83 1.35 0.00	43.52 1.01 0.00
WHITEHAL_115KV_TB1 80871	47.54 1.94 0.00	44.90 1.86 0.00	41.78 1.63 0.00	45.51 1.74 0.00	45.88 1.86 0.00	50.77 2.84 0.00	83.78 4.37 0.00	227.22 13.95 0.00	59.97 4.32 0.00	36.61 1.87 0.00	38.10 1.69 0.00	35.62 1.00 0.00	32.61 0.80 0.00	29.19 0.75 0.00	28.03 0.88 0.00	28.68 1.04 0.00	27.74 1.30 0.00	32.10 1.53 0.00	52.86 2.77 0.00	103.42 5.45 0.00	77.27 4.12 0.00	48.83 2.79 0.00	42.65 2.17 0.00	44.79 2.27 0.00
WHITEPLN_13_KV_LOAD 356215	46.84 1.25 0.00	44.20 1.15 0.00	41.30 1.15 0.00	45.10 1.33 0.00	45.30 1.29 0.00	49.67 1.74 0.00	82.50 3.08 0.00	224.03 10.76 0.00	58.33 2.68 0.00	36.51 1.77 0.00	38.36 1.95 0.00	36.35 1.73 0.00	33.33 1.51 0.00	29.76 1.31 0.00	28.46 1.31 0.00	28.99 1.35 0.00	28.82 1.48 -0.90	32.28 1.71 0.00	52.56 2.47 0.00	102.70 4.73 0.00	76.88 3.72 0.00	48.52 2.48 0.00	42.55 2.07 0.00	44.24 1.72 0.00
WM_FLOYD_69_KV_BK2 356380	45.92 0.33 0.00	42.85 -0.19 0.00	40.40 0.25 0.00	44.11 0.34 0.00	44.18 0.16 0.00	48.67 0.74 0.00	79.56 0.14 0.00	213.30 4.03 3.99	56.38 0.73 0.00	36.39 1.65 0.00	38.49 2.08 0.00	36.14 1.53 0.00	33.15 1.34 0.00	29.61 1.16 0.00	28.50 1.36 0.00	29.01 1.37 0.00	28.99 1.71 -0.84	31.72 1.15 0.00	51.02 0.93 0.00	99.93 1.96 0.00	75.07 1.92 0.00	48.06 2.02 0.00	42.23 1.75 0.00	43.95 1.43 0.00
WOODARD___115KV_TB2 355635	44.89 -0.70 0.00	42.42 -0.63 0.00	39.54 -0.61 0.00	43.07 -0.70 0.00	43.23 -0.79 0.00	46.86 -1.07 0.00	77.89 -1.52 0.00	209.31 -3.97 0.00	54.38 -1.27 0.00	33.93 -0.81 0.00	35.57 -0.84 0.00	33.92 -0.69 0.00	31.22 -0.59 0.00	27.90 -0.54 0.00	26.60 -0.55 0.00	27.07 -0.57 0.00	25.78 -0.65 0.00	29.77 -0.79 0.00	48.96 -1.13 0.00	95.95 -2.02 0.00	71.53 -1.62 0.00	44.84 -1.20 0.00	39.33 -1.14 0.00	41.41 -1.11 0.00
YORK___WARBASSE 23770	50.31 1.48 -3.24	49.55 1.42 -5.09	49.38 1.42 -7.82	49.39 1.63 -3.99	49.41 1.59 -3.81	52.29 2.00 -2.37	84.43 3.28 -1.73	225.03 11.75 -0.01	96.40 2.94 -37.80	50.55 2.00 -13.81	50.76 2.24 -12.11	50.03 2.04 -13.37	49.56 1.83 -15.92	49.16 1.59 -19.13	49.15 1.59 -20.42	49.16 1.62 -19.91	49.97 1.74 -21.80	53.23 1.97 -20.68	62.64 2.76 -9.79	103.21 5.23 0.00	86.72 3.98 -9.59	81.06 2.71 -32.30	59.05 2.36 -16.21	54.12 2.04 -9.57